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TEXAS
WATER
DEVELOPMENT
BOARD



Report 157

*A SURVEY OF THE
SUBSURFACE SALINE WATER
OF TEXAS*

*VOLUME 7
GEOLOGIC WELL DATA
EAST TEXAS*

September 1972

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TEXAS WATER DEVELOPMENT BOARD

REPORT 157

**A SURVEY OF THE
SUBSURFACE SALINE WATER
OF TEXAS**

**VOLUME 7
GEOLOGIC WELL DATA
EAST TEXAS**

By

CORE LABORATORIES, INC.
Consulting & Engineering Department
Dallas, Texas

Prepared under contract for the
Texas Water Development Board

September 1972

TEXAS WATER DEVELOPMENT BOARD

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Milton T. Potts

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* No data.

ABBREVIATIONS

Discussion of the data and their use may be found in Volume 1. The following abbreviations are used on the data sheets:

<u>ABBREVIATION</u>	<u>MEANING</u>	<u>ABBREVIATION</u>	<u>MEANING</u>
ABV	Above (top of formation occurs above log)	LOG	Log (end of logged interval)
ANHY, ANH	Anhydrite	LS	Limestone
BSLT	Basalt	MISS	Mississippian
CF-WICH	Clear Fork-Wichita	MRL	Marl
CHK	Chalk	MTN	Mountain
CHT	Chert	ORDOV	Ordovician
DOL, DOLO	Dolomite	PENN	Pennsylvanian
DTR	Detrital	RGN	Range
ELLEN	Ellenburger	RPT	Reported
EQV, EQUIV	Equivalent	SEC	Section
ERD	Eroded	SD	Sand, sandstone
EST	Estimate	SDY	Sandy
ETD	Estimated total depth	SH	Shale
FLT	Fault, faulted	SHY	Shaly
FM	Formation	SLT	Salt
FNWL, FNEL, etc.	From northwest line, From northeast line, etc., referring to distance in feet from survey lines	SUR	Surface (formation begins at surface); also, Survey
GP	Group	TD	Total depth
GRT	Granite	TNSP	Township
GRW	Granite wash	TRC	Truncation
ID NO.	Identification number	TRIAS	Triassic
IGN	Igneous rocks	U	Upper
L	Lower	UNC	Unconformity
		UND, UNDIFF	Undifferentiated

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : AA - ANDERSON WELL ID NO. : 5B1 ELEVATION : 310 TOTAL DEPTH : 13750
 OPERATOR : TIDEWATER ASSOC. OIL WELL : NO. D-1 H.R. RAMPY
 LOCATION : 660 FNEC SEC : TNSP : RNG : SUR : JAMES WILSON A-793

FORMATION	TOP		BASE		NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
	DEPTH	SUB-SEA	DEPTH	SUB-SEA				
WILCOX GP	0	310	665	- 355	----	665	SH, SD	SUR
MIDWAY GP	665	- 355	1430	- 1120	0	765	SH, SDY SH	
NAVARRO GP	1430	- 1120	2025	- 1715	0	595	SH, SDY SH	
TAYLOR GP	2025	- 1715	3234	- 2924	----	1209	SH, MRL	
AUSTIN GP	3234	- 2924	3605	- 3295	----	371	CHK	
EAGLE FORD GP	3605	- 3295	3940	- 3630	7	335	SH, SD	
WOODBINE GP	3940	- 3630	4645	- 4335	250	705	SD, SH	
WASHITA GP	4645	- 4335	5330	- 5020	----	685	LS, SH	
GOODLAND-WALNUT FMS	5400	- 5090	5850	- 5540	----	450	LS, SH, MRL	
UPPER GLEN ROSE FM	5850	- 5540	7190	- 6880	----	1340	LS, SH, ANHY	
LOWER GLEN ROSE FM	7190	- 6880	7580	- 7270	50	390	LS, SH	
BEXAR FM	7580	- 7270	7600	- 7290	----	20	SH	
JAMES FM	7600	- 7290	7700	- 7390	0	100	LS	
PETTET-TRAVIS PEAK	7790	- 7480	9990	- 9680	350	2200	SD, SH, LS	
COTTON VALLEY GP	9990	- 9680	12090	-11780	300	2100	SD, SH, LS	EST
COTTON VALLEY LIME	11525	-11215	12090	-11780	----	565	LS, SH	
SMACKOVER FM	12090	-11780	13670	-13360	----	1580	LS, SH, DOL	EQV
EAGLE MILLS GP	13670	-13360	13725	-13415	0	55	SD, SH	
SALT	13725	-13415	13750	-13440	----			TD

REMARKS
 200 FT. F/O AT 4815 (-4505)
 CAYUGA FIELD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : AA - ANDERSON WELL ID NO. : 583 ELEVATION : 470 TOTAL DEPTH : 11197
 OPERATOR : HUMBLE AND OHIO OIL WELL : NO.1 C.H. VALENTINE
 LOCATION : 660 FSEL, 1020 FNEL SEC: TNSP : RNG : SUR : JOHN LITTLE A-37

FORMATION	TOP		BASE		NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
	DEPTH	SUB-SEA	DEPTH	SUB-SEA				
CLAIBORNE GP	0	470	1060	- 590	----	1060	SD, SH	SUR
WILCOX GP	1060	- 590	2160	- 1690	----	1100	SH, SD	
MIDWAY GP	2160	- 1690	2880	- 2410	0	720	SH	
NAVARRO GP	2880	- 2410	3390	- 2920	0	510	SH, SDY SH	
TAYLOR GP	3390	- 2920	4660	- 4190	----	1270	SH, MRL, SD	
AUSTIN GP	4660	- 4190	4950	- 4480	----	290	CHK	
EAGLE FORD GP	4950	- 4480	5190	- 4720	0	240	SH, SDY SH	
WOODBINE GP	5190	- 4720	6020	- 5550	200	830	SD, SH	
WASHITA GP	6020	- 5550	7130	- 6660	----	1110	LS, SH	
GOODLAND-WALNUT FMS	7222	- 6752	7912	- 7442	----	690	LS, MRL	
UPPER GLEN ROSE FM	7912	- 7442	9824	- 9354	----	1912	LS, SH, ANHY	
LOWER GLEN ROSE FM	9824	- 9354	10365	- 9895	45	541	LS, SH	
BEXAR FM	10365	- 9895	10465	- 9995	----	100	SH	
JAMES FM	10465	- 9995	10540	- 10070	0	75	LS	
PETTET-TRAVIS PLAK	10712	- 10242	11197	- 10727	30+		SD, SH, LS	TD

REMARKS
 MOUND PRAIRIE FIELD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : AA - ANDERSON WELL ID NO. : 5B7 ELEVATION : 242 TOTAL DEPTH : 9822
 OPERATOR : CONTINENTAL OIL CO. WELL : NO. 1 J.S. CARROL A
 LOCATION : 2600 FNL, 8950 FEL SEC: TNSP : RNG : SUR : F.C. HARRIS

FORMATION	DEPTH	TOP SUB-SEA	DEPTH	BASE SUB-SEA	NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
CLAIBORNE GP	0	242	285	- 43	40	285	SD, SH	SUR
WILCOX GP	285	- 43	1190	- 948	70	905	SD, SH	
MIDWAY GP	1190	- 948	2165	- 1923	0	975	SH, SDY SH	
NAVARRO GP	2165	- 1923	2765	- 2523	0	600	SH, LS	
TAYLOR GP	2765	- 2523	4072	- 3830	----	1307	SH, MRL, SD	
AUSTIN GP	4072	- 3830	4414	- 4172	----	342	CHK	
EAGLE FORD GP	4414	- 4172	4747	- 4505	18	333	SH, SD	
WOODBINE GP	4747	- 4505	5500	- 5258	295	753	SD, SH	
WASHITA GP	5500	- 5258	6490	- 6248	----	990	LS, SH	
GOODLAND-WALNUT FMS	6570	- 6328	7187	- 6945	----	617	LS, MRL, SH	
UPPER GLEN ROSE FM	7187	- 6945	8812	- 8570	----	1625	LS, SH, ANHY	
LOWER GLEN ROSE FM	8812	- 8570	9240	- 8998	75	428	LS, SH	
BEXAR FM	9240	- 8998	9318	- 9076	----	78	SH	
JAMES FM	9318	- 9076	9442	- 9200	0	124	LS	
PETTET-TRAVIS PEAK	9565	- 9323	9822	- 9580	60+		LS, SH, SD	TD

REMARKS
 PRAIRIE LAKE FIELD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : AA - ANDERSON WELL ID NO. : 589 ELEVATION : 420 TOTAL DEPTH : 13107
 OPERATOR : STD. OIL OF TEXAS WELL : NO.1 TRANTHAM
 LOCATION : 550 FNL, 500 FEL SEC: TNSP : RNG : SUR : WILLIAM PARKER A-613

FORMATION	DEPTH TOP	SUB-SEA	DEPTH BASE	SUB-SEA	NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
CLAIBORNE GP	0	420	374	46	60	374	SD, SH	SUR
WILCOX GP	374	46	2040	- 1620	----	1666	SD, SH	
MIDWAY GP	2040	- 1620	3010	- 2590	----	970	SH, SDY SH	
NAVARRO GP	3010	- 2590	3505	- 3085	0	495	SH	
TAYLOR GP	3505	- 3085	4400	- 3980	----	895	SH, MRL	
AUSTIN GP	4400	- 3980	4600	- 4180	----	200	CHK	
EAGLE FORD GP	4600	- 4180	4700	- 4280	0	100	SH	TRC
WOODBINE GP	4700	- 4280	5400	- 4980	345	700	SD, SH	
WASHITA GP	5400	- 4980	6160	- 5740	----	760	LS, SH	
GOODLAND-WALNUT FMS	6227	- 5807	6738	- 6318	----	511	LS, MRL, SH	
UPPER GLEN ROSE FM	6738	- 6318	8395	- 7975	----	1657	LS, SH, ANHY	
LOWER GLEN ROSE FM	8395	- 7975	8790	- 8370	30	395	LS, SH	
BEXAR FM	8790	- 8370	8885	- 8465	----	95	SHY LS	EQV
JAMES FM	8885	- 8465	9012	- 8592	0	127	LS	
PETTET-THAVIS PEAK	9165	- 8745	10490	-10070	275+	1325	SD, SH, LS	
COTTON VALLEY GP	10490	-10070	13100	-12680	110+	2610	LS, SH, SD	FLT
COTTON VALLEY LIME	11938	-11518	13100	-12680	----	1162	LS, SH, DOL	
LOUANN SALT	13100	-12680	13107	-12687	----		SALT	TD

REMARKS
 170 FT. F/O AT 4005 (-3505), 100 FT. F/O AT 7580 (-7160)
 2150 FT. F/O AT 10490 (-10070), SMACKOVER IS NOT DISTINGUISHABLE

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET

CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : AA - ANDERSON WELL ID NO. : 5B16 ELEVATION : 456 TOTAL DEPTH : 11222
 OPERATOR : T.D. HUMPHREY, JR. WELL : NO.1 GARLAND FRANKLIN
 LOCATION : 6400 FSL, 4300 FWL SEC: TNSP : RNG : SUR : W.T. SADLER A-867

FORMATION	TOP		BASE		NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
	DEPTH	SUB-SEA	DEPTH	SUB-SEA				
CLAIHORNE GP	0	456	1100	- 644	----	1100	SD, SH	SUR
WILCOX GP	1100	- 644	3430	- 2974	----	2330	SD, SH	ABV
MIDWAY GP	3430	- 2974	4020	- 3564	0	590	SH	
NAVARRO GP	4020	- 3564	4440	- 3984	0	420	SH, SDY SH	
TAYLOR GP	4440	- 3984	5525	- 5069	----	1085	SH, MRL	
AUSTIN GP	5525	- 5069	5832	- 5376	----	307	CHK	
EAGLE FORD GP	5832	- 5376	5950	- 5494	0	118	SH	TRC
WOODBINE GP	5950	- 5494	6720	- 6264	325	770	SD, SH	
WASHITA GP	6720	- 6264	7545	- 7089	----	825	LS, SH	
GOODLAND-WALNUT FMS	7615	- 7159	8225	- 7769	----	610	LS, MRL, SH	
UPPER GLEN ROSE FM	8225	- 7769	10004	- 9548	----	1779	LS, SH, ANHY	
LOWER GLEN ROSE FM	10004	- 9548	10516	-10060	50	512	LS, SH	
BEXAR FM	10516	-10060	10539	-10083	----	23	SH	
JAMES FM	10539	-10083	10720	-10264	0	181	LS	
PETTET FM	10804	-10348	11222	-10766	30+		LS, SH	TD

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JUN 1971

COUNTY : AD - ANGELINA WELL ID NO. : 6C1 ELEVATION : 297 TOTAL DEPTH : 10040
 OPERATOR : CHAMPION, WENDLANDT WELL : NO.1 P.G. CROSSMAN, ET AL
 LOCATION : 11700 FNL, 7350 FEL SEC: TNSP : RNG : SUR : JESUS DE LA GARZA

FORMATION	TOP		BASE		NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
	DEPTH	SUB-SEA	DEPTH	SUB-SEA				
CLAIBORNE GP	0	297	1070	- 773	----	1070	SD, SH	SUR
CARRIZO-WILCOX SD	720	- 423	3825	- 3528	700	3105	SD, SH	ABV
MIDWAY GP	3825	- 3528	4925	- 4628	0	1100	SH, SDY SH	
NAVARRO GP	4925	- 4628	5340	- 5043	0	415	SH, MRL	
TAYLOR GP	5340	- 5043	6150	- 5853	----	810	SH, MRL	
AUSTIN GP	6150	- 5853	6415	- 6118	----	265	CHK	
EAGLE FORD GP	6415	- 6118	6415	- 6118	----	0		UNC
WOODBINE GP	6415	- 6118	6545	- 6248	26	130	SH, SD	TRC
WASHITA GP	6545	- 6248	7212	- 6915	----	667	LS, SH	
LOWER DUCK CREEK	7110	- 6813	7212	- 6915	30	102	LS	
KIAMICHI FM	7212	- 6915	7312	- 7015	----	100	SH, LS	
GOODLAND-WALNUT FMS	7312	- 7015	7807	- 7510	----	495	LS, MRL, SH	
UPPER GLEN ROSE FM	7807	- 7510	9430	- 9133	----	1623	LS, SH, ANHY	
LOWER GLEN ROSE FM	9430	- 9133	9886	- 9589	70	456	LS, SH	
BEXAR FM	9886	- 9589	10016	- 9719	----	130	SH	
JAMES FM	10016	- 9719	10040	- 9743	0		LS	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET
 CORE LABORATORIES INC, E AND C DEPT.

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COUNTY : AD - ANGELINA WELL ID NO. : 6C2 ELEVATION : 352 TOTAL DEPTH : 9250
 OPERATOR : UNION PROD. CO. WELL : NO.1 GOODWIN
 LOCATION : 330 FENWL, 330 FENEL SEC: TNSP : RNG : SUR : BARR AND DAVENPORT A-4

FORMATION	TOP		BASE		NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
	DEPTH	SUB-SEA	DEPTH	SUB-SEA				
CLAIBORNE GP	0	352	1190	- 838	----	1190	SD, SH	SUR
CARRIZO-WILCOX SD	860	- 508	3830	- 3478	790	2970	SD, SH	
MIDWAY GP	3830	- 3478	4904	- 4552	----	1074	SH, SDY SH	
NAVARRO GP	4904	- 4552	5255	- 4903	0	351	SH, MRL	
TAYLOR GP	5255	- 4903	6050	- 5698	----	795	SH, MRL	
AUSTIN GP	6050	- 5698	6340	- 5988	----	290	CHK	
EAGLE FORD-WOODBINE	6340	- 5988	6340	- 5988	----	0		UNC
WASHITA GP	6340	- 5988	6880	- 6528	----	540	LS, SH	TRC
EDWARDS UNDIFF.	6880	- 6528	7584	- 7232	75	704	LS, MRL, SH	
GLEN ROSE FM	7584	- 7232	9250	- 8898	70+		LS, SH	TD

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REMARKS
 MASSIVE ANHYDRITE BECOMES REEF FACIES OF GLEN ROSE.

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : AD - ANGELINA WELL ID NO. : 6C3 ELEVATION : 269 TOTAL DEPTH : 10987
 OPERATOR : SOUTHLAND PAPER MILLS WELL : NO.1 COPEs HEIRS
 LOCATION : 660 FNWL, 660 FNEL SEC: TNSP : RNG : SUR : JOSE MORINE A-13

FORMATION	TOP		BASE		NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
	DEPTH	SUB-SEA	DEPTH	SUB-SEA				
CLAIBORNE GP	0	269	2520	- 2251	----	2520	SD, SH	SUR
CARRIZO-WILCOX SD	2095	- 1826	5500	- 5231	1490	3405	SD, SH	
MIDWAY GP	5500	- 5231	6775	- 6506	----	1275	SH, SDY SH	
NAVARRO GP	6775	- 6506	7130	- 6861	----	355	SH, MRL	
TAYLOR GP	7130	- 6861	7919	- 7650	----	789	SH, MRL	
AUSTIN GP	7919	- 7650	8266	- 7997	----	347	CHK	
EAGLE FORD-WOODBINE	8266	- 7997	8266	- 7997	----	0		UNC
WASHITA GP	8266	- 7997	8615	- 8346	----	349	LS, SH	TRC
EDWARDS UNDIFF.	8615	- 8346	9273	- 9004	60	658	LS, MRL, SH	
GLEN ROSE FM	9220	- 8951	10987	-10718	300+		LS,SH	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET

CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : AD - ANGELINA WELL ID NO. : 6C4 ELEVATION : 208 TOTAL DEPTH : 10365
 OPERATOR : L.O. MCMILLAN WELL : NO.1 LONGBELL PETR. CO.
 LOCATION : 660 FNEL. 660 FNWL OF TR. SEC: TNSP : RNG : SUR : P. MULLEN A-33

FORMATION	TOP		BASE		NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
	DEPTH	SUB-SEA	DEPTH	SUB-SEA				
CLAIBORNE GP	0	208	2000	- 1792	----	2000	SD, SH	SUR
CARRIZO-WILCOX SD	1608	- 1400	4880	- 4672	1390	3272	SD, SH	
MIDWAY GP	4880	- 4672	6013	- 5805	0	1133	SH, SDY SH	
NAVARRO GP	6013	- 5805	6293	- 6085	0	280	SH, MRL	
TAYLOR GP	6293	- 6085	7110	- 6902	----	817	SH, MRL	
AUSTIN GP	7110	- 6902	7510	- 7302	----	400	CHK	
EAGLE FORD GP	7510	- 7302	7539	- 7331	0	29	SH	
WOODBINE-BUDA FMS	7539	- 7331	7539	- 7331	----	0		UNC
WASHITA GP	7539	- 7331	7570	- 7362	----	31	LS, SH	TRC
EDWARDS	7570	- 7362	8247	- 8039	85	677	LS, MRL, SH	
GLEN ROSE FM	8247	- 8039	10207	- 9999	430	1960	LS, SH	
BEXAR FM	10207	- 9999	10265	-10057	----	58	SH	
JAMES FM	10265	-10057	10365	-10157	10+		LS	TD

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JUN 1971

COUNTY : AX - BELL WELL ID NO. : 1 ELEVATION : 809 TOTAL DEPTH : 3960
 OPERATOR : E. A. DUNHAM WELL : NO. 1 J. E. HUNT
 LOCATION : 990 FWL, 330 FNL SEC: TNSP : RNG : SUR : WM. BROWN SUR.

FORMATION	DEPTH	TOP	SUB-SEA	DEPTH	BASE	SUB-SEA	NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
CRETACEOUS-UNDIFF.	0		809	700		109	0	700	SH,LS,SD	
STRAWN	700		109	2000		- 1191	60	1300	SH,SD,LS	
BEND-ATOKA	2000		- 1191	2670		- 1861	40	670	SH,LS,SD	EST
MISS.-BARNETT	2670		- 1861	2720		- 1911	0	50		
ELLENBURGER	2720		- 1911	3960		- 3151	1240*			TD

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JUN 1971

COUNTY : AX - BELL WELL ID NO. : 2 ELEVATION : 900 TOTAL DEPTH : 1216
 OPERATOR : ECLIPSE OIL CO. WELL : NO.2 SLAYDEN
 LOCATION : SEC: TNSP : RNG : SUR : 7 MI. S KILLEEN

FORMATION	TOP		BASE		NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
	DEPTH	SUB-SEA	DEPTH	SUB-SEA				
CRETACEOUS-UNDIFF.	0	900	800	100	0	800	SH,SD,LS	
OUACHITA FOLD SERIES	800	100	1216	- 316	0		SH,SL,CHT	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET

CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : AX - BELL WELL ID NO. : 3 ELEVATION : 590 TOTAL DEPTH : 4473

OPERATOR : SHAMBECK + CASEY WELL : NO.1 SUDIE BAUGH

LOCATION : SEC : TNSP : RNG : SUR : E+F SUR, AROCHA GRANT

FORMATION	TOP		BASE		NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
	DEPTH	SUB-SEA	DEPTH	SUB-SEA				
CRETACEOUS-UTHER	0	590	3360	- 2770	----	3360	SH,SD,LS	
OUACHITA FOLD SERIES	3360	- 2770	4473	- 3883	0		SH,SL,CHT	TD

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JUN 1971

COUNTY : AX - BELL WELL ID NO. : 4 ELEVATION : 625 TOTAL DEPTH : 2002
 OPERATOR : RIO GRANDE OIL CO. WELL : NO.1 D.W. HAIR
 LOCATION : SEC : TNSP : RNG : SUR : LEWIS WALKER SUR.

FORMATION	DEPTH	TOP SUB-SEA	DEPTH	BASE SUB-SEA	NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
CRETACEOUS-OTHER	0	625	1782	- 1157	0	1782	SH,LS,SD	
OUACHITA FOLD SERIES	1782	- 1157	2002	- 1377	----		SH,SD,CHT	TD

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JUN 1971

COUNTY : AX - BELL WELL ID NO. : 5 ELEVATION : 820 TOTAL DEPTH : 1820

OPERATOR : NOLAN BELL OIL CO. WELL : NO.2 WILLIAM BACON

LOCATION : SEC : TNSP : RNG : SUR : VINCENT EVANS SUR

FORMATION	DEPTH	TOP SUB-SEA	DEPTH	BASE SUB-SEA	NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
CRETACEOUS-OTHER	0	820	896	- 76	0	896	SH,SD,LS	
OUACHITA FOLD SERIES	896	- 76	1820	- 1000	----		SH,SD,CHT	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET

CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : AX - BELL WELL ID NO. : 6 ELEVATION : 729 TOTAL DEPTH : 2264
 OPERATOR : A. B. JOHNSON WELL : NO.1 F.C. HOWARD
 LOCATION : 80 FNEL,1900 FNWL SEC: TNSP : RNG : SUR : W. P. JOHNSON SUR.

FORMATION	DEPTH	TOP	SUB-SEA	DEPTH	BASE	SUB-SEA	NET THICK	GROSS THICK	LITHOLOGY	TYPE
CRETACEOUS-OTHER	0		729	1415	-	686	0	1415	SH,LS,SD	
QUACHITA FOLD SERIES	1415		- 686	2264	-	1535	0		SH.SD	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : AX - BELL WELL ID NO. : Q1 ELEVATION : 675 TOTAL DEPTH : 2315
 OPERATOR : U.S. ARMY WELL : NO.1 MCCLOSKEY HOSPITAL
 LOCATION : TEMPLE, TEXAS SEC: TNSP : RNG : SUR :

FORMATION	TOP		BASE		NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
	DEPTH	SUB-SEA	DEPTH	SUB-SEA				
TAYLOR GP	0	675	334	341	----	334	SH	
AUSTIN GP	334	341	475	200	----	141	CHK	
EAGLE FORD GP	475	200	593	82	0	118	SH	
WOODBINE GP	593	82	615	60	0	22	SH	
WASHITA GP	615	60	788	- 113	----	173	LS, SH	
EDWARDS UNDIFF.	788	- 113	1165	- 490	----	377	LS, MRL	
GLEN ROSE FM	1165	- 490	1956	- 1281	----	791	LS, SH, SD	
PEARSALL FM	1956	- 1281	2080	- 1405	----	124	LS, SH	
SLIGO-HOSSTON	2080	- 1405	2315	- 1640	----		SD, SH	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : BD - BOWIE WELL ID NO. : 3A3 ELEVATION : 390 TOTAL DEPTH : 4305
 OPERATOR : A.M. SUTTON WELL : NO.1 J.G. NEWKIRK
 LOCATION : 500 FSEL, 1980 FSWL SEC: TNSP : RNG : SUR : JESSIE DEAN

FORMATION	TOP		BASE		NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
	DEPTH	SUB-SEA	DEPTH	SUB-SEA				
TAYLOR GP	0	390	840	- 450	----	840	SH, MRL	SUR
AUSTIN GP	840	- 450	1175	- 785	----	335	CHK, MRL	
EAGLE FORD GP	1175	- 785	1363	- 973	40	188	SH	
WOODBINE GP	1363	- 973	1610	- 1220	10	247	SD, SH	
WASHITA GP	1610	- 1220	1913	- 1523	----	303	LS, SH	
GOODLAND-WALNUT FMS	1937	- 1547	1995	- 1605	----	58	LS	
PALUXY FM	1995	- 1605	2380	- 1990	150	385	SD, SH	
UPPER GLEN ROSE FM	2380	- 1990	3055	- 2665	45	675	SD, SH, ANHY	EQV
LOWER GLEN ROSE FM	3055	- 2665	3460	- 3070	120	405	SD, SH	
TRAVIS PEAK	3460	- 3070	3850	- 3460	170	390	SD, SH, LS	EQV
COTTON VALLEY GP	3850	- 3460	4173	- 3783	70	323	SD, SH, LS	EQV
PALEOZOIC	4173	- 3783	4305	- 3915	----			TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : BD - BOWIE WELL ID NO. : 3A4 ELEVATION : 354 TOTAL DEPTH : 5091
 OPERATOR : J.K. WADLEY WELL : NO. 1 I AND B. JOHNSTON
 LOCATION : 1800 FNL, 1400 FEL SEC : TNSP : RNG : SUR : JOHN TISDALE A-567

FORMATION	DEPTH	TOP SUB-SEA	DEPTH	BASE SUB-SEA	NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
NAVARRO GP	0	354	135	219	----	135	SH	SUR
TAYLOR GP	135	219	1250	- 896	----	1115	SH, MRL	ABV
AUSTIN GP	1250	- 896	1545	- 1191	----	295	CHK	
EAGLE FORD GP	1545	- 1191	1695	- 1341	48	150	SH	
WOODBINE GP	1695	- 1341	1865	- 1511	12	170	SH, SD	
WASHITA GP	1865	- 1511	2105	- 1751	----	240	LS, SH	
GOODLAND FM	2153	- 1799	2224	- 1870	----	71	LS	
PALUXY FM	2224	- 1870	2611	- 2257	170	387	SD, SH	
UPPER GLEN ROSE FM	2611	- 2257	3410	- 3056	50	799	LS, SH, ANHY	
LOWER GLEN ROSE FM	3410	- 3056	3840	- 3486	55	430	LS, SH	
PETTET-TRAVIS PEAK	3840	- 3486	4508	- 4154	270	668	SD, SH, LS	
COTTON VALLEY GP	4508	- 4154	4970	- 4616	150	462	SD, SH, LS	
PALEOZOIC	4970	- 4616	5091	- 4737	----	121		TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : BD - BOWIE WELL ID NO. : 3A5 ELEVATION : 292 TOTAL DEPTH : 4891
 OPERATOR : DILLARD LARUE WELL : NO.1 KELLY BUD
 LOCATION : 608 FNWL, 509 FNL OF TR. SEC: TNSP : RNG : SUR : FRANK B. BROOKS

FORMATION	TOP		BASE		NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
	DEPTH	SUB-SEA	DEPTH	SUB-SEA				
NAVARRO GP	0	292	415	- 123	----	415	SH, SD	SUR
TAYLOR GP	415	- 123	1200	- 908	----	785	SH, MRL	
AUSTIN GP	1200	- 908	1540	- 1248	----	340	CHK	EQV
E.F.-WOODBINE UNDIFF.	1540	- 1248	1682	- 1390	0	142	SH, SD	TRC
WASHITA GP	1682	- 1390	1682	- 1390	----	0	LS, SH	UNC
GOODLAND FM	1682	- 1390	1682	- 1390	----	0	LS	UNC
PALUXY FM	1682	- 1390	2070	- 1778	85	388	SD, SH	OLD
UPPER GLEN ROSE FM	2070	- 1778	2970	- 2678	95	900	LS, SH, ANHY	
LOWER GLEN ROSE FM	2970	- 2678	3253	- 2961	70	283	LS, SH	
BEXAR FM	3253	- 2961	3270	- 2978	----	17	SH	
JAMES FM	3270	- 2978	3390	- 3098	25	120	LS	
PINE ISLAND FM	3390	- 3098	3450	- 3158	----	60	SH	
PETTET-TRAVIS PLAK	3450	- 3158	4100	- 3808	350	650	SD, SH, LS	
COTTON VALLEY GP	4100	- 3808	4670	- 4378	185	570	SD, SH, LS	
BUCKNER FM	4670	- 4378	4858	- 4566	----	188	SH, ANHY	
SHACKOVER FM	4858	- 4566	4891	- 4599	----		LS, DOL	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : BD - BOWIE WELL ID NO. : 381 ELEVATION : 374 TOTAL DEPTH : 6968
 OPERATOR : W.T. PHILLIPS ET AL WELL : NO.1 T AND P RAILROAD
 LOCATION : 80 FSL, 5000 FEL SEC: TNSP : RNG : SUR : JOHN KITTRELL A-329

FORMATION	DEPTH	TOP	DEPTH	BASE	NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
		SUB-SEA		SUB-SEA				
NAVARRO GP	0	374	740	- 366	----	740	SH, SD	SUR
TAYLOR GP	740	- 366	1925	- 1551	----	1185	SH, MRL	ABY
AUSTIN GP	1925	- 1551	2184	- 1810	----	259	CHK	
EAGLE FORD GP	2184	- 1810	2295	- 1921	23	111	SH, SD	TRC
WOODBINE GP	2295	- 1921	2455	- 2081	30	160	SH, SD	TRC
WASHITA GP	2455	- 2081	2690	- 2316	----	235	LS, SH	
GOODLAND FM	2728	- 2354	2830	- 2456	----	102	LS	
PALUXY FM	2830	- 2456	3128	- 2754	100	298	SD, SH	
UPPER GLEN ROSE FM	3128	- 2754	4180	- 3806	65	1052	LS, SH, ANHY	
LOWER GLEN ROSE FM	4180	- 3806	4670	- 4296	100	490	LS, SH	
PETTET-TRAVIS PEAK	4670	- 4296	5648	- 5274	300	978	SD, SH, LS	
COTTON VALLEY GP	5648	- 5274	6500	- 6126	220	852	SD, SH, LS	
BUCKNER FM	6500	- 6126	6705	- 6331	----	205	SH, ANHY	
SHACKOVER FM	6705	- 6331	6968	- 6594	----		LS, DOL	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : BD - BOWIE WELL ID NO. : 3B10 ELEVATION : 331 TOTAL DEPTH : 9302
 OPERATOR : PAN AMERICAN PET. WELL : NO.1 A.G. PARKER
 LOCATION : 467 FNL, 467 FWL SEC: TNSP : RNG : SUR : A.G. PARKER LEASE

FORMATION	TOP		BASE		NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
	DEPTH	SUB-SEA	DEPTH	SUB-SEA				
WILCOX GP	0	331	200	131	----	200		SUR
MIDWAY GP	200	131	950	- 619	0	750	SH	ABV
NAVARRO GP	950	- 619	1590	- 1259	70	640	SH	
TAYLOR GP	1590	- 1259	2705	- 2374	----	1115	SH, MRL	
AUSTIN GP	2705	- 2374	3014	- 2683	----	309	CHK, MRL	
EAGLE FORD GP	3014	- 2683	3154	- 2823	63	140	SH, SD	
WOODBINE GP	3154	- 2823	3400	- 3069	10	246	SH, SD	TRC
WASHITA GP	3400	- 3069	4168	- 3837	----	768	LS, SH	
GOODLAND FM	4200	- 3869	4245	- 3914	----	45	LS	
PALUXY FM	4245	- 3914	4655	- 4324	175	410	SD, SH	
UPPER GLEN ROSE FM	4655	- 4324	5995	- 5664	42	1340	LS, SH, ANHY	
LOWER GLEN ROSE FM	5995	- 5664	6575	- 6244	120	580	LS, SH	
PETTET-TRAVIS PEAK	6575	- 6244	7745	- 7414	465	1170	SD, SH, LS	
COTTON VALLEY GP	7745	- 7414	8342	- 8011	275	597	SD, SH, LS	
BUCKNER FM	8342	- 8011	8662	- 8331	----	320	SH, ANHY	
SHACKOVER	8662	- 8331	9302	- 8971	----		LS, DQL	TD

REMARKS
 1100 F/O AT 7906 (7505)

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : BD - BOWIE WELL ID NO. : 3814 ELEVATION : 303 TOTAL DEPTH : 9719
 OPERATOR : SUNRAY MID-CONT. OIL WELL : NO.1 J.C. BURGESS
 LOCATION : 2446 FSSL, 1130 FSEL SEC: TNSP : RNG : SUR : E.T. JACKSON

FORMATION	DEPTH	TOP SUB-SEA	DEPTH BASE SUB-SEA	NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
WILCOX GP	0	303	450 - 147	----	450	SH, SD	SUR
MIDWAY GP	450	- 147	1080 - 777	----	630	SH	ABV
NAVARRO GP	1080	- 777	1615 - 1312	65	535	SH, SD	
TAYLOR GP	1615	- 1312	2775 - 2472	----	1160	SH, MRL	
AUSTIN GP	2775	- 2472	3138 - 2835	----	363	CHK, MRL	
EAGLE FORD GP	3138	- 2835	3170 - 2867	0	32	SH	TRC
WOODBINE GP	3170	- 2867	3390 - 3087	27	220	SH, SD	TRC
WASHITA GP	3390	- 3087	3590 - 3287	----	200	LS, SH	
GOODLAND FM	3675	- 3372	3810 - 3507	----	135	LS	
PALUXY FM	3810	- 3507	4246 - 3943	----	436	SD, SH	
UPPER GLEN ROSE FM	4246	- 3943	5470 - 5167	118	1224	LS, SH, ANHY	
LOWER GLEN ROSE FM	5470	- 5167	5860 - 5557	85	390	LS, SH	
BEXAR FM	5860	- 5557	5890 - 5587	----	30	SH	
JAMES FM	5890	- 5587	6025 - 5722	25	135	LS	
PINE ISLAND FM	6025	- 5722	6090 - 5787	----	65	SH	
PETTET-TRAVIS PEAK	6090	- 5787	7390 - 7087	560	1300	SD, SH, LS	
COTTON VALLEY GP	7390	- 7087	8800 - 8497	450	1410	SD, SH, LS	
BUCKNER	8800	- 8497	9090 - 8787	----	290	SH, ANHY	
SMACKOVER	9090	- 8787	9572 - 9269	----	482	LS, DOL	
NORPHLET FM	9572	- 9269	9585 - 9282	----	13	SH	

WELL ID NO. : 3814

CONTINUED

FORMATION	TOP		BASE		NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
	DEPTH	SUB-SEA	DEPTH	SUB-SEA				
WERNER FM	9585	- 9282	9670	- 9367	----	85	ANHY	
EAGLE MILLS FM	9670	- 9367	9719	- 9416	----		SD	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : BD - BOWIE WELL ID NO. : 3B17 ELEVATION : 303 TOTAL DEPTH : 7815
 OPERATOR : CADDO OIL CO. WELL : NO.1 INT. CREOSOTE AND CONST.
 LOCATION : 6450 FWL, 3700 FNL SEC : TNSP : RNG : SUR : JOHN E. JONES

FORMATION	DEPTH	TOP SUB-SEA	DEPTH	BASE SUB-SEA	NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
WILCOX GP	0	303	250	53	----	250	SH, SD	
MIDWAY GP	250	53	920	- 617	----	670	SH	ABV
NAVARRO GP	920	- 617	1435	- 1132	130	515	SH, SD	ABV
TAYLOR GP	1435	- 1132	2410	- 2107	----	975	SH, MRL	
AUSTIN GP	2410	- 2107	2715	- 2412	----	305	CHK, MRL	
EAGLE FORD GP	2715	- 2412	2715	- 2412	----	0	SH	UNC
E.F.-WOODBINE UNDIFF.	2715	- 2412	2860	- 2557	18	145	SH, SD	TRC
WASHITA-KIAMICHI	2860	- 2557	2860	- 2557	----	0	LS, SH	UNC
GOODLAND FM	2860	- 2557	2878	- 2575	----	18	LS	TRC
PALUXY FM	2878	- 2575	3305	- 3002	90	427	SD, SH	
UPPER GLEN ROSE FM	3305	- 3002	4455	- 4152	160	1150	LS, SH, ANHY	
LOWER GLEN ROSE FM	4455	- 4152	4830	- 4527	80	375	LS, SH	
BEXAR FM	4830	- 4527	4680	- 4377	----	150	SH	
JAMES FM	4860	- 4557	4995	- 4692	25	135	LS	
PINE ISLAND FM	4995	- 4692	5080	- 4777	----	85	SH	
PETTET-TRAVIS PEAK	5080	- 4777	6150	- 5847	450	1070	SD, SH, LS	
COTTON VALLEY GP	6150	- 5847	7360	- 7057	585	1210	SD, SH, LS	
BUCKNER FM	7360	- 7057	7620	- 7317	----	260	SH, ANHY	
SMACKOVER FM	7620	- 7317	7815	- 7512	----		LS, DOL	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : 80 - BOWIE WELL ID NO. : 3828 ELEVATION : 368 TOTAL DEPTH : 6540
 OPERATOR : HAWKINS AND WADLEY WELL : NO.1 P.S. CORK
 LOCATION : 1650 FWL, 1480 FSL SEC: TNSP : RNG : SUR : M.E.P. AND P.R. CO.

FORMATION	DEPTH	TOP SUB-SEA	DEPTH	BASE SUB-SEA	NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
MIDWAY GP	0	368	600	- 232	----	600	SH	SUR
NAVARRO GP	600	- 232	1150	- 782	120	550	SH	
TAYLOR GP	1150	- 782	1947	- 1579	----	797	SH, MRL	
AUSTIN GP	1947	- 1579	2258	- 1890	----	311	CHK	EQV
E.F.-WOODBINE UNDIFF.	2258	- 1890	2385	- 2017	20	127	SH, SD	TRC
WASHITA GP	2385	- 2017	2385	- 2017	----	0		UNC
GOODLAND FM	2385	- 2017	2422	- 2054	----	37	LS	TRC
PALUXY FM	2422	- 2054	2780	- 2412	40	358	SD, SH	
UPPER GLEN ROSE FM	2780	- 2412	3880	- 3512	140	1100	SD, SH, ANHY	EQV
LOWER GLEN ROSE FM	3880	- 3512	4210	- 3842	70	330	LS, SH	
BEXAR FM	4210	- 3842	4242	- 3874	----	32	SH	
JAMES FM	4242	- 3874	4385	- 4017	28	143	LS	
PINE ISLAND FM	4385	- 4017	4440	- 4072	----	55	SH	
PETTET-TRAVIS PEAK	4440	- 4072	5350	- 4982	410	910	SD, SH, LS	
COTTON VALLEY GP	5350	- 4982	6300	- 5932	450	950	SD, SH, LS	
BUCKNER FM	6300	- 5932	6510	- 6142	----	210	SH, ANHY	
SMACKOVER FM	6510	- 6142	6540	- 6172	----		LS, DOL	TO

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : BJ - BRAZOS WELL ID NO. : 15A08 ELEVATION : 264 TOTAL DEPTH : 12270
 OPERATOR : SCURLOCK WELL : NO.1 MCCULLOUGH
 LOCATION : 660 FSWL, 2800 FNWL SEC: TNSP : RNG : SUR : JOSEPH GORDON A-136

FORMATION	TOP		BASE		NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
	DEPTH	SUB-SEA	DEPTH	SUB-SEA				
CARRIZO-WILCOX SD	2780	- 2516	6630	- 6366	1800	3850	SD, SH	
AUSTIN GP	10470	-10206	11075	-10811	----	605	CHK, MRL	
EAGLE FORD-WOODBINE	11075	-10811	11590	-11326	0	515	SH	EQV
WASHITA GP	11590	-11326	12010	-11746	----	420	LS, SH	
EDWARDS FM	12010	-11746	12270	-12006	----		LS	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : BJ - BRAZOS WELL ID NO. : 15A10 ELEVATION : 371 TOTAL DEPTH : 11650
 OPERATOR : M.T. HALBOUTY ETAL WELL : NO.1 ALLEN AND CLAY
 LOCATION : 660 FNWL, 660 FNNEL SEC: TNSP : RNG : SUR : A. BABILLE A-74

FORMATION	TOP		BASE		NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
	DEPTH	SUB-SEA	DEPTH	SUB-SEA				
CARRIZO-WILCOX SD	1460	- 1089	4390	- 4019	250	2930	SD, SH	
AUSTIN GP	7670	- 7299	8634	- 8263	----	964	CHK, MRL	
EAGLE FORD-WOODBINE	7970	- 7599	8634	- 8263	0	664	SH	EQV
WASHITA GP	8634	- 8263	9030	- 8659	----	396	LS, SH	
EDWARDS FM	9030	- 8659	9680	- 9309	85	650	LS, DOL	
GLEN ROSE FM	9680	- 9309	11448	-11077	----	1768	LS, DOL	
PEARSALL FM	11448	-11077	11650	-11279	----		SH, LS	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : BS - BURLESON WELL ID NO. : 15A05 ELEVATION : 432 TOTAL DEPTH : 6403
 OPERATOR : MORRIS K. WOMACK WELL : NO.1 H.H. COFFIELD
 LOCATION : 330 FSEL, 1690 FNEL SEC: TNSP : RNG : SUR : JAS. SHAW A-227

FORMATION	DEPTH	TOP		BASE		NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
		DEPTH	SUB-SEA	DEPTH	SUB-SEA				
WILCOX GP	765	-	333	2620	- 2188	----	1855	SD, SH	
AUSTIN GP	9050	-	4618	5765	- 5333	----	715	CHK	
EAGLE FORD GP	5765	-	5333	5949	- 5517	----	184	SH, SHY LS	
WASHITA GP	5949	-	5517	6345	- 5913	----	396	LS, SH	
EDWARDS FM	6345	-	5913	6403	- 5971	----		LS	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET
 CORE LABORATORIES INC. E AND C DEPT.

JUN 1971

COUNTY : BZ - CAMP WELL ID NO. : 2C30 ELEVATION : 406 TOTAL DEPTH : 12880
 OPERATOR : GULF OIL CORP. WELL : NO.1 J.H. BRISON
 LOCATION : 5000 FSL, 660 FEL SEC: TNSP : RNG : SUR : L. WILLIAMS A-121

FORMATION	TOP		BASE		NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
	DEPTH	SUB-SEA	DEPTH	SUB-SEA				
WILCOX GP	0	406	860	- 454	0	860	SH, SDY SH	SUR
MIDWAY GP	860	- 454	1442	- 1036	0	582	SH	
NAVARRO GP	1442	- 1036	2040	- 1634	40	598	SH, SD	
TAYLOR GP	2040	- 1634	3400	- 2994	----	1360	SH, MRL	
AUSTIN GP	3400	- 2994	3765	- 3359	----	365	MRL, CHK	
EAGLE FORD GP	3765	- 3359	4110	- 3704	28	345	SH, SD	
WOODBINE GP	4110	- 3704	4535	- 4129	180	425	SD, SH	
WASHITA GP	4535	- 4129	5550	- 5144	----	1015	LS, SH	
GOODLAND FM	5610	- 5204	5680	- 5274	----	70	LS	
PALUXY FM	5680	- 5274	6028	- 5622	105	348	SD, SH	
UPPER GLEN ROSE FM	6028	- 5622	7370	- 6964	----	1342	LS, SH, ANHY	
LOWER GLEN ROSE FM	7370	- 6964	8000	- 7594	95	630	LS, SH	
PETTET-TRAVIS PEAK	8000	- 7594	9650	- 9244	580	1650	SD, SH, LS	
COTTON VALLEY GP	9650	- 9244	11780	-11374	400	2130	SD, SH, LS	EST
COTTON VALLEY LIME	11540	-11134	11780	-11374	----	240	LS	
BUCKNER FM	11780	-11374	12165	-11759	----	385	ANHY, SH	EST
SMACKOVER FM	12165	-11759	12880	-12474	----		LS, DOL	TD

REMARKS
 PITTSBURG FIELD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : BZ - CAMP WELL ID NO. : 3B2 ELEVATION : 368 TOTAL DEPTH : 12855
 OPERATOR : PLACID AND PHILLIPS WELL : NO.1 L.F. WILSON
 LOCATION : 330 FNL, 330 FEL SEC: TNSP : RNG : SUR : A.C. PECK A-97

FORMATION	TOP		BASE		NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
	DEPTH	SUB-SEA	DEPTH	SUB-SEA				
WILCOX GP	0	368	570	- 202	----	570		SUR
MIDWAY GP	570	- 202	1420	- 1052	0	850	SH	ABV
NAVARRO GP	1420	- 1052	2150	- 1782	45	730	SH, SD	
TAYLOR GP	2150	- 1782	3335	- 2967	----	1185	SH, MRL	
AUSTIN GP	3335	- 2967	3705	- 3337	----	370	CHK, MRL	
EAGLE FORD GP	3705	- 3337	4090	- 3722	40	385	SH	
WOODBINE GP	4090	- 3722	4480	- 4112	115	390	SD, SH	
WASHITA GP	4480	- 4112	5480	- 5112	----	1000	LS, SH	
GOODLAND FM	5525	- 5157	5578	- 5210	----	53	LS	
PALUXY FM	5578	- 5210	5956	- 5588	150	378	SD, SH	
UPPER GLEN ROSE FM	5956	- 5588	7282	- 6914	----	1326	LS, SH, ANHY	
LOWER GLEN ROSE FM	7282	- 6914	7815	- 7447	90	533	LS, SH	
PETTET-TRAVIS PEAK	7815	- 7447	9390	- 9022	400	1575	SD, SH, LS	
COTTON VALLEY GP	9390	- 9022	12110	-11742	250	2720	SD, SH, LS	
COTTON VALLEY LIME	11090	-10722	12110	-11742	----	1020	LS	
BUCKNER	11600	-11232	12110	-11742	----	510	SH, ANHY	
SMACKOVER	12110	-11742	12765	-12397	----	655	LS, DOL	
EAGLE MILLS GP	12765	-12397	12855	-12487	----		SD, SH	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : BZ - CAMP WELL ID NO. : 3C11 ELEVATION : 351 TOTAL DEPTH : 8584
 OPERATOR : ROBERT CARGILL WELL : NO.1 J.F. DILLON
 LOCATION : 790 FNL, 460 FWL SEC : TNSP : RNG : SUR : NANCY DAVIS A-36

FORMATION	DEPTH	TOP SUB-SEA	DEPTH	BASE SUB-SEA	NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
CLAIBORNE GP	0	351	500	- 149	----	500		SUR
WILCOX GP	500	- 149	1200	- 849	----	700	SD, SH	ABV
MIDWAY GP	1200	- 849	1780	- 1429	----	580	SH, SDY SH	
NAVARRO GP	1780	- 1429	2400	- 2049	10	620	SD, SH	
TAYLOR GP	2400	- 2049	3660	- 3309	----	1260	SH, MRL, SD	
AUSTIN GP	3660	- 3309	4000	- 3649	----	340	MRLY CHK	
EAGLE FORD	4000	- 3649	4155	- 3804	10	155	SD, SH	TRC
WOODBINE FM	4155	- 3804	4431	- 4080	65	276	SD, SH	TRC
WASHITA GP	4431	- 4080	5530	- 5179	----	1099	LS, SH	
GOODLAND FM	5585	- 5234	5642	- 5291	----	57	LS	
PALUXY FM	5642	- 5291	6080	- 5729	140	438	SD, SH, LS	
UPPER GLEN ROSE FM	6080	- 5729	7616	- 7265	----	1536	LS, SH, ANHY	
LOWER GLEN ROSE FM	7616	- 7265	8077	- 7726	65	461	LS, SH	
BEXAR FM	8077	- 7726	8120	- 7769	----	43	SH	EQV
JAMES FM	8120	- 7769	8230	- 7879	0	110	LS	EQV
PINE ISLAND FM	8230	- 7879	8320	- 7969	----	90	SH	EQV
PETTET-TRAVIS PLAK	8320	- 7969	8584	- 8233	25+		SD, SH, LS	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : DB - CASS WELL ID NO. : 3B12 ELEVATION : 327 TOTAL DEPTH : 10884
 OPERATOR : SHELL OIL CO. WELL : NO.1 ANNIE BROCK
 LOCATION : 330 FNL, 330 FWL SEC: TNSP : RNG : SUR : H.R. LATIMER

FORMATION	TOP		BASE		NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
	DEPTH	SUB-SEA	DEPTH	SUB-SEA				
WILCOX	0	327	720	- 393	----	720	SH, SD	SUR
MIDWAY	720	- 393	1342	- 1015	----	622	SH	ABV
NAVARRO GP	1342	- 1015	1878	- 1551	40	536	SH, SD	
TAYLOR GP	1878	- 1551	3050	- 2723	----	1172	SH, MRL	
AUSTIN GP	3050	- 2723	3460	- 3133	----	410	CHK, MRL	
EAGLE FORD GP	3460	- 3133	3644	- 3317	75	184	SH, SD	
WOODBINE GP	3644	- 3317	3880	- 3553	23	236	SH, SD	TRC
WASHITA GP	3880	- 3553	4584	- 4257	----	704	LS, SH	
GOODLAND FM	4584	- 4257	4630	- 4303	----	46	LS	
PALUXY FM	4630	- 4303	5050	- 4723	110	420	SD, SH	
UPPER GLEN ROSE FM	5050	- 4723	6357	- 6030	70	1307	LS, SH, ANHY	
LOWER GLEN ROSE FM	6357	- 6030	6720	- 6393	85	363	LS, SH	
BEXAR FM	6720	- 6393	6740	- 6413	----	20	SH	
JAMES FM	6740	- 6413	6855	- 6528	10	115	LS	
PINE ISLAND FM	6855	- 6528	6973	- 6646	----	118	SH	
PETTET-TRAVIS PEAK	6973	- 6646	8378	- 8051	540	1405	SD, SH, LS	
COTTON VALLEY GP	8378	- 8051	10045	- 9718	295	1667	SD, SH, LS	
BUCKNER	10045	- 9718	10550	-10223	----	505	SH, ANHY	
SMACKOVER	10550	-10223	10884	-10557	----		LS, DOL	TD

REMARKS
 BRYAN MILLS FIELD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET
 CORE LABORATORIES INC. E AND C DEPT.

JUN 1971

COUNTY : DB - CASS WELL ID NO. : 3B19 ELEVATION : 455 TOTAL DEPTH : 11947

OPERATOR : TEXACO INC. WELL : NO.1 M.C. THOMPSON

LOCATION : SEC : TNSP : RNG : SUR : B.M. DORRIS

FORMATION	TOP		BASE		NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
	DEPTH	SUB-SEA	DEPTH	SUB-SEA				
CLAIBORNE	0	455	150	305	----	150		SUR
WILCOX	150	305	890	- 435	----	740		ABV
MIDWAY	890	- 435	1665	- 1210	----	775	SH	
NAVARRO GP	1665	- 1210	2328	- 1873	105	663	SH, SD	
TAYLOR GP	2328	- 1873	3550	- 3095	----	1222	SH, MRL	
AUSTIN GP	3550	- 3095	3847	- 3392	----	297	CHK, MRL	
EAGLE FORD GP	3847	- 3392	3882	- 3427	12	35	SH, SD	TRC
WOODBINE GP	3882	- 3427	4042	- 3587	45	160	SH, SD	TRC
WASHITA GP	4042	- 3587	4701	- 4246	----	659	LS, SH	
GOODLAND FM	4775	- 4320	4830	- 4375	----	55	LS	
PALUXY FM	4830	- 4375	5302	- 4847	70	472	SD, SH	
UPPER GLEN ROSE FM	5302	- 4847	6780	- 6325	60	1478	LS, SH, ANHY	
LOWER GLEN ROSE FM	6780	- 6325	7170	- 6715	120	390	LS, SH	
BEXAR FM	7170	- 6715	7190	- 6735	----	20	SH	
JAMES FM	7190	- 6735	7428	- 6973	80	238	LS	
PINE ISLAND FM	7428	- 6973	7540	- 7085	----	112	SH	
PETTET-TRAVIS PEAK	7540	- 7085	9360	- 8905	610	1820	SD, SH, LS	
COTTON VALLEY GP	9360	- 8905	11300	-10845	200	1940	SD, SH, LS	
COTTON VALLEY LIME	10915	-10460	11300	-10845	----	385	LS	
BUCKNER FM	11300	-10845	11740	-11285	----	440	SH, ANHY	

WELL ID NO. : 3819

CONTINUED

FORMATION	DEPTH	TOP SUB-SEA	DEPTH	BASE SUB-SEA	NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
SMACKOVER FM	11740	-11285	11947	-11492	----		LS. DOL	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : DB - CASS WELL ID NO. : 3B23 ELEVATION : 346 TOTAL DEPTH : 12900
 OPERATOR : ARKLA EXPL. AND MCBEE WELL : NO.1 J.R. LEFTWICH
 LOCATION : 1975 FNL, 467 FWL SEC: TNSP : RNG : SUR : JAMES C. SCOTT A-986

FORMATION	TOP		BASE		NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
	DEPTH	SUB-SEA	DEPTH	SUB-SEA				
CLAIBORNE GP	0	346	350	- 4	----	350		SUR
WILCOX GP	350	- 4	1040	- 694	----	690		
MIDWAY GP	1040	- 694	1733	- 1387	----	693	SH	
NAVARRO GP	1733	- 1387	2370	- 2024	45	637	SH, SD	
TAYLOR GP	2370	- 2024	3545	- 3199	----	1175	SH, MRL	
AUSTIN GP	3545	- 3199	3918	- 3572	----	373	CHK, MRL	
EAGLE FORD GP	3918	- 3572	3965	- 3619	35	47	SH, SD	TRC
WOODBINE GP	3965	- 3619	4150	- 3804	25	185	SH, SD	TRC
WASHITA GP	4150	- 3804	4983	- 4637	----	833	LS, SH	
GOODLAND FM	5060	- 4714	5110	- 4764	----	50	LS	
PALUXY FM	5110	- 4764	5518	- 5172	95	408	SD, SH	
UPPER GLEN ROSE FM	5518	- 5172	7060	- 6714	----	1542	LS, SH, ANHY	
LOWER GLEN ROSE FM	7060	- 6714	7565	- 7219	110	505	LS, SH	
BEXAR FM	7565	- 7219	7589	- 7243	----	24	SH	
JAMES FM	7589	- 7243	7721	- 7375	20	132	LS	
PINE ISLAND FM	7721	- 7375	7780	- 7434	----	59	SH	
PETTET-TRAVIS PEAK	7780	- 7434	9365	- 9019	610	1585	SD, SH, LS	
COTTON VALLEY GP	9365	- 9019	11812	-11466	420	2447	SD, SH, LS	
COTTON VALLEY LIME	11475	-11129	11812	-11466	----	337	LS	
BUCKNER FM	11812	-11466	12130	-11784	----	318	SH, ANHY	

WELL ID NO. : 3823

CONTINUED

FORMATION	TOP		BASE		NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
	DEPTH	SUB-SEA	DEPTH	SUB-SEA				
SHACKOVER FM	12130	-11784	12900	-12554	----		LS, DOL	TD

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 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : DB - CASS WELL ID NO. : 3B26 ELEVATION : 283 TOTAL DEPTH : 11063
 OPERATOR : HUMBLE OIL AND REF. WELL : NO.1 EMMA WALTERS
 LOCATION : 660 FSL, 660 FEL SEC: TNSP : RNG : SUR : CASS CO SCHOOL LAND A-174

FORMATION	DEPTH TOP	SUB-SEA	DEPTH BASE	SUB-SEA	NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
CLAIBORNE GP	0	283	380	- 97	----	380		SUR
WILCOX GP	380	- 97	1070	- 787	80	690		
MIDWAY GP	1070	- 787	1540	- 1257	----	470	SH	
NAVARRO GP	1540	- 1257	2190	- 1907	165	650	SH, SD	
TAYLOR GP	2190	- 1907	3146	- 2863	----	956	SH, MRL	
AUSTIN GP	3146	- 2863	3500	- 3217	----	354	CHK, MRL	
EAGLE FORD GP	3300	- 3017	3300	- 3017	----	0	SH	UNC
E.F.-WOODBINE UNDIFF.	3500	- 3217	3670	- 3387	35	170	SH, SD	TRC
WASHITA GP	3670	- 3387	3690	- 3407	----	20	LS, SH	TRC
GOODLAND FM	3735	- 3452	3900	- 3617	----	165	LS	
PALUXY FM	3900	- 3617	4440	- 4157	140	540	SD, SH	
UPPER GLEN ROSE FM	4440	- 4157	5910	- 5627	170	1470	LS, SH, ANHY	
LOWER GLEN ROSE FM	5910	- 5627	6310	- 6027	115	400	LS, SH	
BEXAR FM	6310	- 6027	6318	- 6035	----	8	SH	
JAMES FM	6318	- 6035	6590	- 6307	125	272	LS	
PINE ISLAND FM	6590	- 6307	6663	- 6380	----	73	SH	
PETTET-TRAVIS PLAK	6663	- 6380	8145	- 7862	475	1482	SD, SH, LS	
COTTON VALLEY GP	8145	- 7862	10153	- 9870	710	2008	SD, SH, LS	
BUCKNER FM	10153	- 9870	10329	-10046	----	176	SH, ANHY	
SMACKOVER FM	10329	-10046	11063	-10780	----		LS, DOL	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : DB - CASS WELL ID NO. : 3827 ELEVATION : 283 TOTAL DEPTH : 11800
 OPERATOR : GIST AND PAN AM PETR. WELL : NO.1 GRAN!
 LOCATION : 3600 FWL, 755 FSL SEC: TNSP : RNG : SUR : LAVINIA MOREN

FORMATION	TOP		BASE		NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
	DEPTH	SUB-SEA	DEPTH	SUB-SEA				
CLAIBORNE GP	0	283	295	- 12	----	295	SH, SD	SUR
WILCOX GP	295	- 12	990	- 707	----	695	SH, SD	
MIDWAY GP	990	- 707	1550	- 1267	----	560	SH, SD	
NAVARRO GP	1550	- 1267	2050	- 1767	100	500	SH, SD	
TAYLOR GP	2050	- 1767	2870	- 2587	----	820	SH, MRL	
AUSTIN GP	2870	- 2587	3182	- 2899	----	312	CHK, MRL	
EAGLE FORD GP	3182	- 2899	3182	- 2899	----	0		UNC
E.F.-WOODBINE UNDIFF.	3182	- 2899	3290	- 3007	20	108	SH, SD	TRC
WASHITA GP	3290	- 3007	3703	- 3420	----	413	LS, SH	TRC
GOODLAND FM	3785	- 3502	3869	- 3586	----	84	LS	
PALUXY FM	3869	- 3586	4314	- 4031	70	445	SD, SH	
UPPER GLEN ROSE FM	4314	- 4031	6007	- 5724	----	1693	LS, SH, ANHY	
LOWER GLEN ROSE FM	6007	- 5724	6497	- 6214	105	490	LS, SH	
BEXAR FM	6497	- 6214	6538	- 6255	----	41	SH	
JAMES FM	6538	- 6255	6710	- 6427	5	172	LS	
PINE ISLAND FM	6710	- 6427	6803	- 6520	----	93	SH	
PETTET-TRAVIS PEAK	6803	- 6520	8490	- 8207	490	1687	SD, SH, LS	
COTTON VALLEY GP	8490	- 8207	10845	- 10562	410	2355	SD, SH, LS	
COTTON VALLEY LS	10543	- 10260	10845	- 10562	----	302	LS	
BUCKNER FM	10845	- 10562	10980	- 10697	----	135	SH, ANHY	

WELL ID NO. : 3827

CONTINUED

FORMATION	DEPTH	TOP SUB-SEA	DEPTH	BASE SUB-SEA	NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
SHACKOVER FM	10980	-10697	11800	-11517	----		LS, DOL	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : OB - CASS WELL ID NO. : 3C2 ELEVATION : 318 TOTAL DEPTH : 11184
 OPERATOR : SKLAR AND MIDCONT. WELL : NO.1 SHEPPARD
 LOCATION : 1500 FWL, 1612 FSL SEC: TNSP : RNG : SUR : WILLIAM R. RECTOR A-896

FORMATION	DEPTH	TOP SUB-SEA	DEPTH	BASE SUB-SEA	NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
CLAIBORNE GP	0	318	310	8	----	310	SD, SH	
WILCOX GP	310	8	880	- 562	----	570	SD, SH	
MIDWAY GP	880	- 562	1515	- 1197	----	635	SH	
NAVARRO GP	1515	- 1197	2070	- 1752	45	555	SH, SD	
TAYLOR GP	2070	- 1752	2850	- 2532	----	780	SH, RML	
AUSTIN GP	2850	- 2532	3162	- 2844	----	312	CHK, MRL	
E.F.-WOODBINE UNDIFF.	3162	- 2844	3215	- 2897	0	53	SH, SD	TRC
WASHITA	3215	- 2897	3760	- 3442	----	545	LS, SH	
GOODLAND FM	3775	- 3457	3855	- 3537	----	80	LS	
PALUXY FM	3855	- 3537	4308	- 3990	55	453	SH, SD	
UPPER GLEN ROSE FM	4308	- 3990	5994	- 5676	----	1686	LS, SH, ANHY	
LOWER GLEN ROSE FM	5994	- 5676	6500	- 6182	110	506	LS, SH	
BEXAR FM	6500	- 6182	6532	- 6214	----	32	SH	
JAMES FM	6532	- 6214	6682	- 6364	0	150	LS, SH, LS	
PINE ISLAND FM	6682	- 6364	6790	- 6472	----	108	SH	
PETTET-TRAVIS PLAK	6790	- 6472	8540	- 8222	410	1750	SD, SH, LS	
COTTON VALLEY GP	8540	- 8222	10835	-10517	330	2295	SD, SH, LS	
COTTON VALLEY LIME	10605	-10287	10835	-10517	----	230	LS	
BUCKNER FM	10835	-10517	10945	-10627	----	110	ANHY, SH, LS	
SMACKOVER FM	10945	-10627	11184	-10866	----		LS	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET

CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : DJ - CHEROKEE WELL ID NO. : 584 ELEVATION : 635 TOTAL DEPTH : 5229
 OPERATOR : D.D. FELDMAN OIL CO. WELL : NO. 2 T.J. CUNNINGHAM
 LOCATION : 467 FSL, 10900 FEWL SEC: TNSP : RNG : SUR : JOSE PINEDA W. LEAGUE GT.

FORMATION	DEPTH	TOP	DEPTH	BASE	NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
		SUB-SEA		SUB-SEA				
CLAIBORNE GP	0	635	770	- 135	----	770	SD, SH	SUR
WILCOX GP	770	- 135	2080	- 1445	----	1310	SHY SD, SH	
MIDWAY GP	2080	- 1445	2985	- 2350	25	905	SH, SD	
NAVARRO GP	2985	- 2350	3525	- 2890	0	540	SH, SDY SH	
TAYLOR GP	3525	- 2890	4712	- 4077	----	1187	SH, MRL	
AUSTIN GP	4712	- 4077	4873	- 4238	----	161	CHK	
EAGLE FORD GP	4873	- 4238	4970	- 4335	0	97	SH	TRC
WOODBINE GP	4970	- 4335	5229	- 4594	80+		SD, SH	TD

REMARKS
 W. JACKSONVILLE FIELD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET

CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : DJ - CHEROKEE WELL ID NO. : 586 ELEVATION : 413 TOTAL DEPTH : 8825
 OPERATOR : SKELLY OIL CO. WELL : NO.1 EDITH RICHEY
 LOCATION : 660 FSL, 660 FEL SEC: TNSP : RNG : SUR : STEPHEN F. NOBLE

FORMATION	TOP		BASE		NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
	DEPTH	SUB-SEA	DEPTH	SUB-SEA				
CLAIBORNE GP	0	413	600	- 187	----	600	SD, SH	SUR
WILCOX GP	600	- 187	1700	- 1287	----	1100	SD, SH	ABV
MIDWAY GP	1700	- 1287	2618	- 2205	----	918	SH	
NAVARRO GP	2618	- 2205	3125	- 2712	0	507	SH	
TAYLOR GP	3125	- 2712	3980	- 3567	----	855	SH, MRL	
AUSTIN GP	3980	- 3567	4156	- 3743	----	176	CHK	
EAGLE FORD GP	4156	- 3743	4156	- 3743	----	0		UNC
WOODBINE GP	4156	- 3743	4350	- 3937	110	194	SD, SH	TRC
WASHITA GP	4350	- 3937	5230	- 4817	----	880	LS, SH	
LOWER DUCK CREEK	5130	- 4717	5230	- 4817	5	100	LS	
GOODLAND-WALNUT FMS	5290	- 4877	5820	- 5407	----	530	LS, MRL, SH	
UPPER GLEN ROSE FM	5820	- 5407	7514	- 7101	----	1694	LS, SH, ANHY	
LOWER GLEN ROSE FM	7514	- 7101	7895	- 7482	20	381	LS, SH	
BEXAR FM	7895	- 7482	7990	- 7577	----	95	SH	EQV
JAMES FM	7990	- 7577	8160	- 7747	5	170	LS	
PETTET-TRAVIS PEAK	8237	- 7824	8825	- 8412	65+		SD, SH, LS	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET

CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : DJ - CHEROKEE WELL ID NO. : 5814 ELEVATION : 545 TOTAL DEPTH : 15551
 OPERATOR : STD. OIL OF TEXAS WELL : NO.1 SALLIE D. WHITEMAN ET AL
 LOCATION : 500 FNL, 660 FEL SEC : TNSP : RNG : SUR : J.H. ARMSTRONG A-69

FORMATION	DEPTH	TOP SUB-SEA	DEPTH	BASE SUB-SEA	NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
CLAIBORNE GP	0	545	585	- 40	90	585	SD, SH	SUR
CARRIZO-WILCOX SD	410	135	2730	- 2185	630	2320	SH, SD	
MIDWAY GP	2730	- 2185	3770	- 3225	0	1040	SH	
NAVARRO GP	3770	- 3225	4113	- 3568	0	343	SH, SDY SH	
TAYLOR GP	4113	- 3568	5040	- 4495	----	927	SH, MRL	
AUSTIN GP	5040	- 4495	5278	- 4733	----	238	CHK	
EAGLE FORD GP	5278	- 4733	5278	- 4733	----	0		UNC
WOODBINE GP	5278	- 4733	5730	- 5185	170	452	SD, SH	TRC
WASHITA GP	5730	- 5185	6500	- 5955	----	770	LS, SH	
GOODLAND-WALNUT FMS	6555	- 6010	7120	- 6575	----	565	LS, MRL, SH	
UPPER GLEN ROSE FM	7120	- 6575	8758	- 8213	----	1638	LS, SH, ANHY	
LOWER GLEN ROSE FM	8758	- 8213	9165	- 8620	40	407	LS, SH	
BEXAR FM	9165	- 8620	9255	- 8710	----	90	SH	EQV
JAMES FM	9255	- 8710	9450	- 8905	8	195	LS	
PETTET-TRAVIS PFAK	9490	- 8945	12070	-11525	520	2580	SD, SH, LS	
COTTON VALLEY GP	12070	-11525	15285	-14740	300	3215	SD, SH, LS	EST
COTTON VALLEY LIME	14588	-14043	15285	-14740	----	697	LS	
BUCKNER FM	15285	-14740	15551	-15006	----		SH, LS	TD

REMARKS
 TOP OF BUCKNER IS ESTIMATED

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET

CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : DJ - CHEROKEE WELL ID NO. : 684 ELEVATION : 315 TOTAL DEPTH : 8963
 OPERATOR : HUMBLE OIL AND REF. WELL : NO.1 REKLAW GAS UNIT NO.1
 LOCATION : 330 FNL, 330 FEL SEC: TNSP : RNG : SUR : THOMAS STANFORD A-759

FORMATION	TOP		BASE		NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
	DEPTH	SUB-SEA	DEPTH	SUB-SEA				
CLAIBORNE GP	0	315	225	90	----	225	SD, SH	SUR
WILCOX GP	225	90	2040	- 1725	----	1815	SD, SH	
MIDWAY GP	2040	- 1725	2980	- 2665	0	940	SH	
NAVARRO GP	2980	- 2665	3415	- 3100	0	435	SH, SHY SD	
TAYLOR GP	3415	- 3100	4298	- 3983	----	883	SH, MRL	
AUSTIN GP	4298	- 3983	4505	- 4190	----	207	CHK	
EAGLE FORD GP	4505	- 4190	4505	- 4190	----	0		UNC
WOODBINE GP	4505	- 4190	4680	- 4365	20	175	SH, SD	TRC
WASHITA GP	4680	- 4365	5460	- 5145	----	780	LS, SH	
LOWER DUCK CREEK	5360	- 5045	5460	- 5145	12	100	LS	
KIAMICHI FM	5460	- 5145	5515	- 5200	----	55	SH, LS	
GOODLAND-WALNUT FMS	5515	- 5200	6055	- 5740	----	540	LS, MRL, SH	
UPPER GLEN ROSE FM	6055	- 5740	7700	- 7385	----	1645	LS, SH, ANHY	
LOWER GLEN ROSE FM	7700	- 7385	8085	- 7770	55	385	LS, SH	
BEXAR FM	8085	- 7770	8190	- 7875	----	105	SH, SHY LS	
JAMES FM	8190	- 7875	8315	- 8000	0	125	LS	
PETTET-TRAVIS PEAK	8410	- 8095	8963	- 8648	20+		LS, SH, SD	TD

REMARKS
 REKLAW FIELD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET
 CORE LABORATORIES INC. E AND C DEPT.

JUN 1971

COUNTY : DT - COLLIN WELL ID NO. : 1A9 ELEVATION : 586 TOTAL DEPTH : 6018
 OPERATOR : DEEP ROCK OIL CORP. WELL : NO.1 SHERLEY
 LOCATION : 467 FSI - 467 FEL SEC: TNSP : RNG : SUR : DAVID VAN WINKLE

FORMATION	DEPTH	TOP SUB-SEA	DEPTH	BASE SUB-SEA	NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
TAYLOR GP	0	586	95	491	----	95	SH, MRL, SD	SUR
AUSTIN GP	95	491	640	- 54	----	545	CHK, MRL, SH	ABV
EAGLE FORD GP	640	- 54	1098	- 512	0	458	SH, SD	
WOODBINE GP	1098	- 512	1684	- 1098	180	586	SD, SH	
WASHITA GP	1684	- 1098	2175	- 1589	----	491	LS, SH	
GOODLAND FM	2222	- 1636	2258	- 1672	----	36	LS	
PALUXY FM	2258	- 1672	2595	- 2009	130	337	SD, SH, LS	
UPPER GLEN ROSE FM	2595	- 2009	3050	- 2464	40	455	LS, SH, ANHY	EQV
LOWER GLEN ROSE FM	3050	- 2464	3392	- 2806	165	342	LS, SH	
TRAVIS PEAK FM	3392	- 2806	3930	- 3344	285	538	SD, SH, LS	
OUACHITA FACIES	3930	- 3344	6018	- 5432	----	2088	SD, SH	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : DT - COLLIN WELL ID NO. : 1A10 ELEVATION : 710 TOTAL DEPTH : 3272
 OPERATOR : HUMBLE OIL AND REF. WELL : NO.1 WESTER
 LOCATION : 660 FNL, 660 FEL SEC: TNSP : RNG : SUR : A.J. CULWELL

FORMATION	TOP		BASE		NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
	DEPTH	SUB-SEA	DEPTH	SUB-SEA				
AUSTIN GP	0	710	206	504	----	206	CHK	SUR
EAGLE FORD GP	206	504	613	97	----	407	SH, SDY SH	
WOODBINE GP	613	97	1139	- 429	210	526	SD, SH	
WASHITA GP	1139	- 429	1620	- 910	----	481	LS, SH	
GOODLAND FM	1659	- 949	1700	- 990	----	41	LS	
PALUXY FM	1700	- 990	2030	- 1320	130	330	SD, SH,	
UPPER GLEN ROSE FM	2030	- 1320	2390	- 1680	30	360	LS, SH, ANHY	
LOWER GLEN ROSE FM	2390	- 1680	2700	- 1990	165	310	LS, SH	
TRAVIS PEAK FM	2700	- 1990	3025	- 2315	255	325	SD, SH	
PENNSYLVANIAN	3025	- 2315	3272	- 2562	----		SH, SD	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : DT - COLLIN WELL ID NO. : 1A11 ELEVATION : 763 TOTAL DEPTH : 8261

OPERATOR : STD. OF TEXAS WELL : NO.1 NEWSOME

LOCATION : 330 N AND W OF NWC SEC: TNSP : RNG : SUR : JOHN W. COX

FORMATION	DEPTH	TOP SUB-SEA	DEPTH	BASE SUB-SEA	NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
AUSTIN GP	0	763	140	623	----	140	CHK, MRL	SUR
WOODBINE GP	523	240	975	- 212	100	452	SD, SH	
WASHITA GP	975	- 212	1426	- 663	----	451	LS, SH	
GOODLAND FM	1460	- 697	1517	- 754	----	57	LS	
PALUXY FM	1517	- 754	1755	- 992	105	238	SD, SH,	
UPPER GLEN ROSE FM	1755	- 992	2190	- 1427	25	435	LS, SH, ANHY	
LOWER GLEN ROSE FM	2190	- 1427	2474	- 1711	120	284	LS, SH	
TRAVIS PEAK FM	2474	- 1711	2770	- 2007	180	296	SD, SH, LS	
PENNSYLVANIAN	2770	- 2007	7470	- 6707	----	4700	SD, SH, LS	
ORDOVICIAN	7470	- 6707	8261	- 7498	----		LS, DOL	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET
 CORE LABORATORIES INC. E AND C DEPT.

JUN 1971

COUNTY : DT - COLLIN WELL ID NO. : 1A12 ELEVATION : 560 TOTAL DEPTH : 4220
 OPERATOR : O.W. KILLAM WELL : NO.1 WILBURN
 LOCATION : 330 FSL, 330 FEL SEC: TNSP : RNG : SUR : T.D. JAMES

FORMATION	TOP		BASE		NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
	DEPTH	SUB-SEA	DEPTH	SUB-SEA				
TAYLOR GP	0	560	260	300	----	260	SH,MRL,SD	SUR
AUSTIN GP	260	300	815	- 255	----	555	CHK,MRL	
WOODBINE GP	1240	- 680	1797	- 1237	190	557	SD, SH	
WASHITA GP	1797	- 1237	2324	- 1764	----	527	LS, SH	
GOODLAND FM	2365	- 1805	2414	- 1854	----	49	LS	
PALUXY FM	2414	- 1854	2710	- 2150	120	296	SD,SH,LS	
UPPER GLEN ROSE FM	2710	- 2150	3250	- 2690	40	540	LS,SH,ANHY	EST
LOWER GLEN ROSE FM	3250	- 2690	3595	- 3035	210	345	LS, SH	
TRAVIS PEAK FM	3595	- 3035	4220	- 3660	330+		SD,SH,LS	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : DT - COLLIN WELL ID NO. : 20 ELEVATION : 694 TOTAL DEPTH : 6856
 OPERATOR : STANDARD OIL KANSAS WELL : NO.1 E. F. MCENTYRE
 LOCATION : SEC: TNSP : RNG : SUR : LOCATED FROM X-SECTION

FORMATION	TOP		BASE		NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
	DEPTH	SUB-SEA	DEPTH	SUB-SEA				
CRETACEOUS-UNDIFF.	0	694	2600	- 1906	----	2600	SH,LS,SD	
CISCO-CANYON	2600	- 1906	2600	- 1906	0	0		UNC
STRAWN	2600	- 1906	4410	- 3716	220	1810	SH,SD,LS	
BEND-ATOKA	4410	- 3716	6856	- 6162	100			TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : DT - COLLIN WELL ID NO. : 21 ELEVATION : 710 TOTAL DEPTH : 7850
 OPERATOR : HUMBLE OIL + REF. CO. WELL : NO.1 S. W. WEBSTER
 LOCATION : SEC: TNSP : RNG : SUR : LOCATED FROM X-SECTION

FORMATION	TOP		BASE		NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
	DEPTH	SUB-SEA	DEPTH	SUB-SEA				
CRETACEOUS-UNDIFF.	0	710	3010	- 2300	0	3010	SH,SD,LS	
CISCO-CANYON	3010	- 2300	3010	- 2300	0	0		UNC
STRAWN	3010	- 2300	5800	- 5090	300	2790	SH,LS,SD	
BEND-ATOKA	5800	- 5090	6800	- 6090	90	1000	SH,LS	
MISS.	6800	- 6090	6800	- 6090	0	0		UNC
SIMPSON-UNDIFF.	6800	- 6090	7550	- 6840	150	750	SH,LS,SD	
ELLENBURGER-ARBUCKLE	7550	- 6840	7850	- 7140	300+		LS	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : DT - COLLIN WELL ID NO. : 22 ELEVATION : 603 TOTAL DEPTH : 11407
 OPERATOR : HUMBLE OIL + REF. CO. WELL : NO. 1 H. C. MILLER
 LOCATION : 110 FNL,840 FWL SEC: TNSP : RNG : SUR : L. SEARCY SUR.

FORMATION	DEPTH	TOP SUB-SEA	DEPTH	BASE SUB-SEA	NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
CRETACEOUS-UNDIFF.	0	603	3050	- 2447	0	3050	SH,SD,LS	
CISCO-CANYON	3050	- 2447	3050	- 2447	0	0		UNC
STRAWN	3050	- 2447	6460	- 5857	200	3410	SH,SD,LS	EST
BEND ATOKA MORROW	6460	- 5857	9670	- 9067	60	3210	SH,LS,SD	EST
MISS.-BARNETT	9670	- 9067	10050	- 9447	0	380	SH,LS	EST
VIOLA	10050	- 9447	10200	- 9597	75	150	LS,SH	EST
SIMPSON-UNDIFF.	10200	- 9597	10650	-10047	100	450	LS,SH,SD	
ELLENBURGER	10650	-10047	11407	-10804	757+		LS,DOL	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : HF - DALLAS WELL ID NO. : Q-1 ELEVATION : 551 TOTAL DEPTH : 3633
 OPERATOR : J.L. MYERS WELL : FEDERAL WORKS AGENCY DOCKET
 LOCATION : GARLAND AREA SEC : TNSP : RNG : SUR : JOHN W. KEEN

FORMATION	TOP		BASE		NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
	DEPTH	SUB-SEA	DEPTH	SUB-SEA				
AUSTIN GP	0	551	570	- 19	----	570	CHK, MRL	SUR
EAGLE FORD GP	570	- 19	1066	- 515	0	496	SH	
WOODBINE GP	1066	- 515	1468	- 917	170	402	SD, SH	
WASHITA GP	1468	- 917	1962	- 1411	----	494	LS, SH	
GOODLAND-WALNUT FMS	2000	- 1449	2085	- 1534	----	85	LS, MRL	
PALUXY FM	2085	- 1534	2295	- 1744	----	210	SD, SH	
GLEN ROSE FM	2295	- 1744	2860	- 2309	----	565	LS, SH	
TWIN MOUNTAINS FM	2860	- 2309	3633	- 3082	----		SD, SH, LS	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : HR - DALLAS WELL ID NO. : Q-8 ELEVATION : 430 TOTAL DEPTH : 2860
 OPERATOR : J.L. MYERS WELL : NO.2 CITY OF SEAGOVILLE
 LOCATION : SEC: TNSP : RNG : SUR : D. BOHANNAN

FORMATION	TOP		BASE		NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
	DEPTH	SUB-SEA	DEPTH	SUB-SEA				
TAYLOR GP	0	430	555	- 125	0	555	SH	SUR
AUSTIN GP	555	- 125	1090	- 660	----	535	CHK	
EAGLE FORD GP	1090	- 660	1555	- 1125	0	465	SH	
WOODBINE GP	1555	- 1125	2030	- 1600	170	475	SD, SH	
WASHITA GP	2030	- 1600	2550	- 2120	----	520	LS, SH	
GOODLAND-WALNUT FMS	2593	- 2163	2678	- 2248	----	85	LS, MRL	
PALUXY FM	2678	- 2248	2860	- 2430	----		SD, SH	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : HR - DALLAS WELL ID NO. : Q-14 ELEVATION : 470 TOTAL DEPTH : 2184
 OPERATOR : LAYNE-TEXAS CO. WELL : NO-3 TRINITY
 LOCATION : CITY OF IRVING SEC: TNSP : RNG : SUR : JANE BEAN

FORMATION	TOP		BASE		NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
	DEPTH	SUB-SEA	DEPTH	SUB-SEA				
EAGLE FORD GP	0	470	208	262	0	208	SH	SUR
WOODBINE GP	208	262	503	- 33	85	295	SD, SH	
WASHITA GP	503	- 33	928	- 458	----	425	LS, SH	
GOODLAND-WALNUT FMS	928	- 458	1043	- 573	----	115	LS, MRL	
PALUXY FM	1043	- 573	1215	- 745	----	172	SD, SH	
GLEN ROSE FM	1215	- 745	1660	- 1190	----	445	LS, SH	
TWIN MOUNTAINS FM	1660	- 1190	2184	- 1714	----		SD, SH, LS	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : MR - DALLAS WELL ID NO. : 19 ELEVATION : 580 TOTAL DEPTH : 3762
 OPERATOR : J.L. MYERS WELL : NO.3 CITY OF GARLAND
 LOCATION : W/2 SEC: 25 TNSP : RNG : SUR : J.W. KEEN SUR

FORMATION	DEPTH	TOP SUB-SEA	DEPTH	BASE SUB-SEA	NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
CRETACEOUS-UNDIFF	0	580	3565	- 2985	0	3565	SH,LS,SD	
QUACHITA FOLD SERIES	3565	- 2985	3762	- 3182	0		SH,SD,LS	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : HR - DALLAS WELL ID NO. : 20 ELEVATION : 360 TOTAL DEPTH : 4843

OPERATOR : LUCY + GUIBERSON WELL : NO.1 MYERS

LOCATION : SEC: TNSP : RNG : SUR : T. JOHNSON

FORMATION	TOP		BASE		NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
	DEPTH	SUB-SEA	DEPTH	SUB-SEA				
CRETACOUS-UNDIFF	0	360	4453	- 4093	0	4453	SH,LS	
OUACHITA FOLD SERIES	4453	- 4093	4843	- 4483	0		SH,SD,LS	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : MR - DALLAS WELL ID NO. : 93 ELEVATION : 488 TOTAL DEPTH : 2636
 OPERATOR : MARK RALEY WELL : NO. 1 MORRIS
 LOCATION : 129 FNL, 1483 FWL SEC: TNSP : RNG : SUR : C. GIBBS SUR

FORMATION	TOP		BASE		NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
	DEPTH	SUB-SEA	DEPTH	SUB-SEA				
CRETACEOUS-UNDIFF.	0	488	2000	- 1512	0	2000	SD,SH,LS	
STRAWN	2000	- 1512	2636	- 2148	10		SD,SH,LS	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : HR - DALLAS WELL ID NO. : 118 ELEVATION : 526 TOTAL DEPTH : 10231
 OPERATOR : MAGNOLIA PET. CO. WELL : NO.1 TRIGG
 LOCATION : SEC: TNSP : RNG : SUR : T.W. COUSEY SUR.

FORMATION	TOP		BASE		NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
	DEPTH	SUB-SEA	DEPTH	SUB-SEA				
CRETACEOUS-UNDIFF.	0	526	2043	- 1517	----	2043	SH,SD,LS	
CISCO-CANYON	2043	- 1517	2043	- 1517	0	0		UNC
STRAWN	2043	- 1517	7625	- 7099	50	5582	SH,LS	
BEND-ATOKA	7625	- 7099	8658	- 8132	0	1033	SH	
MISS.-BARNETT	8658	- 8132	9057	- 8531	0	399	SH	
VIOLA	9057	- 8531	9357	- 8831	50	300	LS	
SIMPSON-UNDIFF.	9357	- 8831	9742	- 9216	75	385	LS,SH,SD	
ELLENBURGER	9742	- 9216	10231	- 9705	489+		LS,DOL	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : HR - DALLAS WELL ID NO. : 119 ELEVATION : 755 TOTAL DEPTH : 2660
 OPERATOR : MC NEIL + MATHEWS WELL : NO. 1 W. W. SEATON
 LOCATION : 400 FEL, 1900 FSL SEC: TNSP : RNG : SUR : J. G. GARRETT SUR.

FORMATION	TOP		BASE		NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
	DEPTH	SUB-SEA	DEPTH	SUB-SEA				
CRETACEOUS-UNDIFF.	0	755	2197	- 1442	0	2197	SD,SH,LS	
STRAWN	2197	- 1442	2660	- 1905	0		SH	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : HU - DELTA WELL ID NO. : 289 ELEVATION : 418 TOTAL DEPTH : 7300
 OPERATOR : W.C. BEST AND GIBSON WELL : NO.1 R.C. EWING
 LOCATION : 2465 FWL, 780 FNL SEC : TNSP : RNG : SUR : C.G. GLENN

FORMATION	DEPTH	TOP SUB-SEA	DEPTH	BASE SUB-SEA	NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
TAYLOR GP	0	418	1325	- 907	----	1325	SH, MRL, SD	SUR
AUSTIN GP	1325	- 907	1660	- 1242	----	335	MRL, CHK	
EAGLE FORD GP	1660	- 1242	2142	- 1724	55	482	SH, SD	
WOODBINE GP	2142	- 1724	2653	- 2235	125	511	SH, SD	
WASHITA GP	2653	- 2235	3284	- 2866	----	631	LS, SH	
GOODLAND FM	3311	- 2893	3350	- 2932	----	39	LS	
PALUXY FM	3350	- 2932	3720	- 3302	240	370	SD, SH, LS	
UPPER GLEN ROSE FM	3720	- 3302	4452	- 4034	90	732	LS, SH, ANHY	
LOWER GLEN ROSE FM	4452	- 4034	4811	- 4393	125	359	LS, SH, SD	
TRAVIS PEAK FM	4811	- 4393	5628	- 5210	540	817	SD, SH, LS	EST
COTTON VALLEY GP	5628	- 5210	6709	- 6291	310	1081	SD, SH, LS	EST
COTTON VALLEY LIME	6428	- 6010	6709	- 6291	----	281	LS	
BUCKNER FM	6709	- 6291	7077	- 6659	----	368	SH, ANHY	
SHACKOVER FM	7077	- 6659	7300	- 6882	----		LS, DOL	TD

REMARKS
 NAYLOR FIELD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : JK - ELLIS WELL ID NO. : 4A1 ELEVATION : 402 TOTAL DEPTH : 4270
 OPERATOR : AMERICAN LIBERTY OIL WELL : NO.1 MCCLAIN
 LOCATION : 13975 FENWL, 26400 FSWL SEC: TNSP : RNG : SUR : RAFEAL PEN A-3

FORMATION	TOP		BASE		NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
	DEPTH	SUB-SEA	DEPTH	SUB-SEA				
TAYLOR GP	0	402	328	74	----	328	SH, MRL	SUR
AUSTIN GP	328	74	839	- 437	----	511	CHK, MRL	
FAGLE FORD GP	839	- 437	1293	- 891	0	454	SH, SDY SH	
WOODBINE GP	1293	- 891	1680	- 1278	105	387	SH, SD	
WASHITA GP	1680	- 1278	2160	- 1758	----	480	LS, SH	
GOODLAND FM	2195	- 1793	2315	- 1913	----	120	LS	
PALUXY FM	2315	- 1913	2495	- 2093	75	180	SD, SH	
UPPER GLEN ROSE FM	2495	- 2093	3157	- 2755	----	662	LS, SH, ANHY	
LOWER GLEN ROSE FM	3157	- 2755	3495	- 3093	95	338	LS, SH	
TRAVIS PEAK FM	3495	- 3093	3950	- 3548	170	455	SD, SH, LS	
COTTON VALLEY GP	3950	- 3548	4198	- 3796	130	248	SD, SH, LS	EST
PENNSYLVANIAN	4198	- 3796	4270	- 3868	0		SH	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET

CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : JK - ELLIS WELL ID NO. : 4A5 ELEVATION : 480 TOTAL DEPTH : 5020

OPERATOR : J.B. STODDARD WELL : NO.1 W.E. SMITH

LOCATION : 660 FNWL, 1500 FNSWL SEC: TNSP : RNG : SUR : J.B. EDWARDS

FORMATION	TOP		BASE		NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
	DEPTH	SUB-SEA	DEPTH	SUB-SEA				
TAYLOR GP	0	480	780	- 300	----	780	SH, MRL	SUR
AUSTIN GP	780	- 300	1210	- 730	----	430	CHK	
EAGLE FORD GP	1210	- 730	1620	- 1140	0	410	SH	
WOODBINE GP	1620	- 1140	2015	- 1535	135	395	SH, SD	
WASHITA GP	2015	- 1535	2530	- 2050	----	515	LS, SH	
GOODLAND FM	2562	- 2082	2715	- 2235	----	153	LS	
PALUXY FM	2715	- 2235	2852	- 2372	45	137	SD, SH	
UPPER GLEN ROSE FM	2852	- 2372	3574	- 3094	----	722	LS, SH, ANHY	
LOWER GLEN ROSE FM	3574	- 3094	3958	- 3478	75	384	LS, SH	
TRAVIS PEAK	3958	- 3478	4504	- 4024	155	546	SD, SH, LS	
COTTON VALLEY GP	4504	- 4024	1604	- 1124	140	2900	SD, SH	EST
PALEOZOIC	4870	- 4390	5020	- 4540	----			TD

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 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : JK - ELLIS WELL ID NO. : 10 ELEVATION : 722 TOTAL DEPTH : 2912
 OPERATOR : LESCO (LASCOA) WELL : NO.1 LESAGE
 LOCATION : 330 FNEL,330 FSEL SEC: TNSP : RNG : SUR : E.D. HARRISON SUR.

FORMATION	DEPTH	TOP SUB-SEA	DEPTH	BASE SUB-SEA	NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
CRETACEOUS-UNDIFF	0	722	2520	- 1798	0	2520	SH,LS,SD	
OUACHITA FOLD SERIES	2520	- 1798	2912	- 2190	0		SD,SH,CHT	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET
 CORE LABORATORIES INC. E AND C DEPT.

JUN 1971

COUNTY : JK - ELLIS WELL ID NO. : 11 ELEVATION : 455 TOTAL DEPTH : 3190
 OPERATOR : TRIANGLE CORP. WELL : NO.1 HALE
 LOCATION : SEC: TNSP : RNG : SUR : BENJ. SMITH SUR

FORMATION	DEPTH	TOP SUB-SEA	DEPTH	BASE SUB-SEA	NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
CRETACEOUS-UNDIFF	0	455	3060	- 2605	0	3060	SH,SD,LS	
OUACHITA FOLD SERIES	3060	- 2605	3190	- 2735	----		SH,SD,CHT	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET
 CORE LABORATORIES INC. E AND C DEPT.

JUN 1971

COUNTY : JK - ELLIS WELL ID NO. : 12 ELEVATION : 662 TOTAL DEPTH : 4061
 OPERATOR : JOHN MITCHELL WELL : NO.1 J.L. RUSH
 LOCATION : SEC : TNSP : RNG : SUR : J. CHAMBLES SUR.

FORMATION	DEPTH	TOP SUB-SEA	DEPTH	BASE SUB-SEA	NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
CRETACEOUS-UNDIFF.	0	662	2098	- 1436	0	2098	SH,SD,LS	
OUACHITA FOLD SERIES	2098	- 1436	4061	- 3399	----		SH,SD,CHT	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : JK - ELLIS WELL ID NO. : 33-101 ELEVATION : 745 TOTAL DEPTH : 2412
 OPERATOR : J.L. MYERS WELL : NO.3 CITY OF MIDLOTHIAN
 LOCATION : NW ELLIS CO. SEC: TNSP : RNG : SUR :

FORMATION	TOP		BASE		NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
	DEPTH	SUB-SEA	DEPTH	SUB-SEA				
AUSTIN GP	0	745	152	593	----	152	CHK, MRL	SUR
EAGLE FORD GP	152	593	430	315	----	278	SH	
WOODBINE GP	430	315	675	70	----	245	SD, SH	
WASHITA GP	675	70	1035	- 290	----	360	LS, SH	
GOODLAND-WALNUT FMS	1065	- 320	1230	- 485	----	165	LS, MRL, SH	
PALUXY FM	1230	- 485	1370	- 625	----	140	SD, SH	
GLEN ROSE FM	1370	- 625	1883	- 1138	----	513	LS, SH, SD	
LOWER TRINITY-HUSSTON	1883	- 1138	2345	- 1600	----	462	SD, SH, LS	
PENNSYLVANIAN UNDIFF.	2345	- 1600	2412	- 1667	----		SH, SD	TO

REMARKS
 DATA IS ESTIMATED FROM TEXAS WATER DEVEL. BOARD REPORT 62

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET
 CORE LABORATORIES INC. E AND C DEPT.

JUN 1971

COUNTY : JK - ELLIS WELL ID NO. : 49-101 ELEVATION : 700 TOTAL DEPTH : 2898
 OPERATOR : LESCO, INC. WELL : NO.1 R.S. LE SAGE
 LOCATION : SW ELLIS CO. SEC : TNSP : RNG : SUR :

FORMATION	TOP		BASE		NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
	DEPTH	SUB-SEA	DEPTH	SUB-SEA				
AUSTIN GP	0	700	150	550	----	150	CHK, MRL	SUR
EAGLE FORD GP	150	550	505	195	----	355	SH	
WOODBINE GP	505	195	750	- 50	----	245	SD, SH	
WASHITA GP	750	- 50	1080	- 380	----	330	LS, SH	
GOODLAND-WALNUT FMS	1098	- 398	1280	- 580	----	182	LS, MRL, SH	
PALUXY FM	1280	- 580	1418	- 718	----	138	SD, SH	
GLEN ROSE FM	1418	- 718	2012	- 1312	----	594	LS, SH, SD	
TWIN MOUNTAINS FM	2012	- 1312	2432	- 1732	----	420	SD, SH, LS	
PENNSYLVANIAN UNDIFF.	2432	- 1732	2898	- 2198	----		SH, SD	TD

REMARKS
 DATA IS ESTIMATED FROM TEXAS WATER DEVEL. BOARD REPORT 62

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : JR - FALLS WELL ID NO. : Q37 ELEVATION : 555 TOTAL DEPTH : 2768

OPERATOR : KEY DRILLING CO. WELL : CEGO-DURANGO WATER WELL NO.1

LOCATION : SEC: TNSP : RNG : SUR : L. MALLETT

FORMATION	TOP		BASE		NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
	DEPTH	SUB-SEA	DEPTH	SUB-SEA				
TAYLOR GP	0	555	640	- 85	----	640	SH	SUR
AUSTIN GP	640	- 85	895	- 340	----	255	CHK	
EAGLE FORD GP	895	- 340	1045	- 490	0	150	SH, SHY LS	
WOODBINE GP	1045	- 490	1080	- 525	0	35	SH	
WASHITA GP	1080	- 525	1303	- 748	----	223	LS, SH	
EDWARDS UNDIFF	1303	- 748	1675	- 1120	----	372	LS, MRL	
GLEN ROSE FM	1675	- 1120	2420	- 1865	----	745	LS, SH, SD	
PEARSALL FM	2420	- 1865	2580	- 2025	----	160	SH, LS	
SLIGO-MOSSTON	2580	- 2025	2768	- 2213	----		SD, SH, LS	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET
 CORE LABORATORIES INC. E AND C DEPT.

JUN 1971

COUNTY : JR - FALLS WELL ID NO. : 4C1 ELEVATION : 489 TOTAL DEPTH : 3447
 OPERATOR : JACKSON AND HAYS WELL : NO.1 HERMAN WEITING
 LOCATION : 4200 FSL, 17000 FEL SEC: TNSP : RNG : SUR : GERGORIO BASQUEZ

FORMATION	TOP		BASE		NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
	DEPTH	SUB-SEA	DEPTH	SUB-SEA				
TAYLOR GP	0	489	1100	- 611	----	1100	SH, MRL	SUR
AUSTIN GP	1100	- 611	1320	- 831	----	220	CHK	
EAGLE FORD GP	1320	- 831	1525	- 1036	5	205	SH	
WOODBINE GP (PEPPER)	1525	- 1036	1585	- 1096	0	60	SH	EQV
WASHITA GP	1585	- 1096	1888	- 1399	----	303	LS, SH	
GOODLAND-WALNUT FMS	1900	- 1411	2265	- 1776	----	365	LS, SH	
UPPER GLEN ROSE FM	2265	- 1776	3030	- 2541	----	765	LS, SH, ANHY	
LOWER GLEN ROSE FM	3030	- 2541	3200	- 2711	40	170	LS, SH	
BEXAR FM	3200	- 2711	3220	- 2731	----	20		
JAMES FM	3220	- 2731	3240	- 2751	0	20		
PETTET-TRAVIS PLAK	3280	- 2791	3447	- 2958	40+		SD, SH	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : JR - FALLS WELL ID NO. : 4C11 ELEVATION : 402 TOTAL DEPTH : 6822
 OPERATOR : COCKBURN AND ZEPHYR WELL : NO.1 N.D. BUIE
 LOCATION : 2700 FSWL, 1890 FSEL SEC: TNSP : RNG : SUR : M. SESSAM

FORMATION	TOP		BASE		NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
	DEPTH	SUB-SEA	DEPTH	SUB-SEA				
NAVARRO GP	0	402	455	- 53	0	455	SH, SDY SH	
TAYLOR GP	455	- 53	1855	- 1453	----	1400	SH, MRL	
AUSTIN GP	1855	- 1453	2073	- 1671	----	218	CHK	
EAGLE FORD GP	2073	- 1671	2200	- 1798	0	127	SH, SHY SD	
WOODBINE GP	2200	- 1798	2340	- 1938	0	140	SH, SHY SD	EQV
WASHITA GP	2340	- 1938	2655	- 2253	----	315	LS, SH	
EDWARDS UNDIFF. FMS	2665	- 2263	3075	- 2673	18	410	LS, MRL, SH	
UPPER GLEN ROSE FM	3075	- 2673	3872	- 3470	----	797	LS, SH, ANHY	
LOWER GLEN ROSE FM	3872	- 3470	4080	- 3678	35	208		
BEXAR FM	4080	- 3678	4120	- 3718	----	40	SH	
JAMES FM	4120	- 3718	4140	- 3738	0	20	LS	
PETTET-TRAVIS PEAK	4180	- 3778	5550	- 5148	440	1370	SD, SH, LS	
COTTON VALLEY GP	5550	- 5148	6822	- 6420	95	1272	SH, SD, LS	ETD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : JR - FALLS WELL ID NO. : 4C14 ELEVATION : 394 TOTAL DEPTH : 4022
 OPERATOR : DELHI TAYLOR OIL CORP WELL : NO. J. A. COBB
 LOCATION : 330 FSL 33rd FEL SEC : TNSP : RNG : SUR : MCLENNAN

FORMATION	DEPTH	TOP SUB-SEA	DEPTH	BASE SUB-SEA	NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
TAYLOR GP	0	394	1240	- 846	----	1240	SH, MRL	SUR
AUSTIN GP	1240	- 846	1480	- 1086	----	240	CHK	
EAGLE FORD GP	1480	- 1086	1540	- 1146	0	60	SH, SD	
WOODBINE GP	1540	- 1146	1630	- 1236	0	90	SD, SH	EQV
WASHITA GP	1630	- 1236	1880	- 1486	----	250	LS, SH	
EDWARDS UNDIFF. FMS	1890	- 1496	2278	- 1884	22	388	LS, SH	
UPPER GLEN ROSE FM	2278	- 1884	3027	- 2633	----	749	LS, SH, ANHY	
LOWER GLEN ROSE FM	3027	- 2633	3175	- 2781	25	148	LS, SH	
BEXAR FM	3175	- 2781	3210	- 2816	----	35	SH	
JAMES FM	3210	- 2816	3248	- 2854	0	38	LS	
PETTET-TRAVIS PK FMS	3280	- 2886	4022	- 3628	130+		SD, SH, LS	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET
 CORE LABORATORIES INC. E AND C DEPT.

JUN 1971

COUNTY : JS - FANNIN WELL ID NO. : 1A13 ELEVATION : 711 TOTAL DEPTH : 5109
 OPERATOR : J. J. LYNN WELL : NO.1 BROWN
 LOCATION : 330 FNL, 2196 FWL SEC: TNSP : RNG : SUR : SYLVAN HOWELL

FORMATION	DEPTH	TOP SUB-SEA	DEPTH	BASE SUB-SEA	NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
TAYLOR GP	0	711	293	418	----	293	SH, MRL, SD	SUR
AUSTIN GP	293	418	820	- 109	----	527	CHK, MRL	
EAGLE FORD GP	820	- 109	1261	- 550	10	441	SH, SD	
WOODBINE GP	1261	- 550	1855	- 1144	175	594	SD, SH	
WASHITA GP	1855	- 1144	2325	- 1614	----	470	LS, SH	
GOODLAND FM	2372	- 1661	2396	- 1685	----	24	LS	
PALUXY FM	2396	- 1685	2680	- 1969	160	284	SD, SH,	
UPPER GLEN ROSE FM	2680	- 1969	3240	- 2529	70	560	LS, SH, ANHY	EST
LOWER GLEN ROSE FM	3240	- 2529	3565	- 2854	195	325	LS, SH	
TRAVIS PEAK FM	3565	- 2854	4300	- 3589	430	735	SD, SH, LS	EST
OUACHITA FACIES	4300	- 3589	5109	- 4398	----		SD, SH, LS	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET
 CORE LABORATORIES INC. E AND C DEPT.

JUN 1971

COUNTY : JS - FANNIN WELL ID NO. : 2A14 ELEVATION : 666 TOTAL DEPTH : 3667
 OPERATOR : BURK ROYALTY WELL : NO.1 B.K. GOSS
 LOCATION : 1663 FWL, 467 FSL SEC: TNSP : RNG : SUR : D.J. MASSENGALE

FORMATION	DEPTH	TOP SUB-SEA	DEPTH	BASE SUB-SEA	NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
TAYLOR GP	0	666	20	646	----	20	SH, MRL	SUR
AUSTIN GP	20	646	423	243	----	403	CHK, MRL	
EAGLE FORD GP	423	243	920	- 254	27	497	SD, SH	
WOODBINE GP	920	- 254	1400	- 734	110	480	SD, SH	
WASHITA GP	1400	- 734	1833	- 1167	----	433	LS, SH	
GOODLAND FM	1874	- 1208	1884	- 1218	----	10	LS	
PALUXY FM	1884	- 1218	2232	- 1566	190	348	SD, SH, LS	
UPPER GLEN ROSE FM	2232	- 1566	2650	- 1984	35	418	LS, SH, SD	EQV
LOWER GLEN ROSE FM	2650	- 1984	2985	- 2319	180	335	LS, SH	EQV
TRAVIS PEAK FM	2985	- 2319	3246	- 2580	185	261	SD, SH	
OUACHITA FACIES	3246	- 2580	3667	- 3001	----			TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : JS - FANNIN WELL ID NO. : 2A16 ELEVATION : 645 TOTAL DEPTH : 4154
 OPERATOR : H.L. HAWKINS WELL : NO.1 SHELTON
 LOCATION : 2500 FWL, 660 FNL SEC: TNSP : RNG : SUR : JOHN YEARY A-1230

FORMATION	TOP		BASE		NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
	DEPTH	SUB-SEA	DEPTH	SUB-SEA				
TAYLOR GP	0	645	604	41	----	604	SH, MRL	SUR
AUSTIN GP	604	41	950	- 305	----	346	CHK, MRL	
EAGLE FORD GP	950	- 305	1480	- 835	38	530	SH, SD	
WOODBINE GP	1480	- 835	2030	- 1385	155	550	SD, SH	
WASHITA GP	2030	- 1385	2520	- 1875	----	490	LS, SH	
GOODLAND FM	2570	- 1925	2586	- 1941	----	16	LS	
PALUXY FM	2586	- 1941	2985	- 2340	165	399	SD, SH, LS	
UPPER GLEN ROSE FM	2940	- 2295	3433	- 2788	130	493	LS, SH, SD	EQV
LOWER GLEN ROSE FM	3433	- 2788	3852	- 3207	130	419	LS, SH	EQV
TRAVIS PEAK FM	3852	- 3207	4154	- 3509	130+		SD, SH	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET
 CORE LABORATORIES INC. E AND C DEPT.

JUN 1971

COUNTY : JZ - FRANKLIN WELL ID NO. : 284 ELEVATION : 422 TOTAL DEPTH : 11294
 OPERATOR : HUMBLE OIL AND REF. WELL : NO.1 J.F. HAGUE
 LOCATION : 660 FEL, 660 FNL OF LSE SEC : TNSP : RNG : SUR : J.P. RIDDLE

FORMATION	DEPTH	TOP SUB-SEA	DEPTH	BASE SUB-SEA	NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
WILCOX GP	0	422	160	262	30+	160	SD, SH	SUR
MIDWAY GP	160	262	1000	- 578	0	840	SH	
NAVARRO GP	1000	- 578	1590	- 1168	70	590	SH, SD	
TAYLOR GP	1590	- 1168	3023	- 2601	----	1433	SH, MRL, SD	
AUSTIN GP	3023	- 2601	3327	- 2905	----	304	MRL, CHK	EST
EAGLE FORD GP	3327	- 2905	3676	- 3254	60	349	SH, SD	
WOODBINE GP	3676	- 3254	4262	- 3840	260	586	SH, SD	
WASHITA GP	4262	- 3840	5118	- 4696	----	856	LS, SH	
GOODLAND FM	5178	- 4756	5213	- 4791	----	35	LS	
PALUXY FM	5213	- 4791	5589	- 5167	185	376	SD, SH, LS	
UPPER GLEN ROSE FM	5589	- 5167	6718	- 6296	----	1129	LS, SH, ANHY	
LOWER GLEN ROSE FM	6718	- 6296	7232	- 6810	220	514	LS, SH	
PETTET-TRAVIS PLAK	7232	- 6810	8530	- 8108	675	1298	SD, SH, LS	
COTTON VALLEY GP	8530	- 8108	10625	-10203	440	2095	SD, SH, LS	
COTTON VALLEY LIME	10223	- 9801	10625	-10203	----	402	LS	
BUCKNER FM	10625	-10203	11230	-10808	----	605	SH, ANHY	
SMACKOVER FM	11230	-10808	11294	-10872	----		LS, DOL	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET

CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : JZ - FRANKLIN WELL ID NO. : 285 ELEVATION : 401 TOTAL DEPTH : 12684

OPERATOR : IIDEWATER ASSOC. OIL WELL : NO. D-1 RAMEY UNIT

LOCATION : 1891 FNL, 1359 FWL OF TR. SEC: TNSP : RNG : SUR : J. MAXIMILLIAN

FORMATION	TOP		BASE		NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
	DEPTH	SUB-SEA	DEPTH	SUB-SEA				
WILCOX GP	0	401	470	- 69	0	470	SH, SDY SH	SUR
MIDWAY GP	470	- 69	1350	- 949	0	880	SH	ABV
NAVARRO GP	1350	- 949	1915	- 1514	18	565	SH, SD	
TAYLOR GP	1915	- 1514	3290	- 2889	----	1375	SH, MRL, SD	
AUSTIN GP	3290	- 2889	3680	- 3279	----	390	MRL, CHK	
EAGLE FORD GP	3680	- 3279	4070	- 3669	30	390	SH, SD	
WOODBINE GP	4070	- 3669	4606	- 4205	250	536	SD, SH	
WASHITA GP	4606	- 4205	5550	- 5149	----	944	LS, SH	
GOODLAND FM	5610	- 5209	5670	- 5269	----	60	LS	
PALUXY FM	5670	- 5269	6010	- 5609	220	340	SD, SH, LS	
UPPER GLEN ROSE FM	6010	- 5609	7287	- 6886	----	1277	LS, SH, ANHY	
LOWER GLEN ROSE FM	7287	- 6886	7833	- 7432	165	546	LS, SH	
PETTET-TRAVIS PLAK	7833	- 7432	9060	- 8659	680	1227	SD, SH, LS	
COTTON VALLEY GP	9060	- 8659	11565	- 11164	615	2505	SD, SH, LS	
COTTON VALLEY LIME	11060	- 10659	11565	- 11164	----	505	LS	
BUCKNER FM	11565	- 11164	11982	- 11581	----	417	SH, ANHY	EST
SMACKOVER FM	11982	- 11581	12550	- 12149	----	568	LS, DOL	
EAGLE MILLS GP	12550	- 12149	12684	- 12283	----		SD	TD

REMARKS
NEW HOPE FIELD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET
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JUN 1971

COUNTY : KA - FREESTONE WELL ID NO. : 487 ELEVATION : 413 TOTAL DEPTH : 12365
 OPERATOR : SHELL OIL CO. WELL : NO.1 W.J. TATE
 LOCATION : 2000 FNL, 1100 FEL SEC: TNSP : RNG : SUR : SETH T. BALLOU A-54

FORMATION	DEPTH	TOP SUB-SEA	DEPTH	BASE SUB-SEA	NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
WILCOX GP	0	413	430	- 17	0	430	SH, SDY SH	SUR
MIDWAY GP	430	- 17	1250	- 837	0	820	SH	
NAVARRO GP	1250	- 837	1740	- 1327	10	490	SH, SD	
TAYLOR GP	1740	- 1327	3142	- 2729	----	1402	SH, MRL	
AUSTIN GP	3142	- 2729	3510	- 3097	----	368	CHK	
EAGLE FORD GP	3510	- 3097	3900	- 3487	0	390	SH	
WOODBINE GP	3900	- 3487	4300	- 3887	175	400	SD, SH	
WASHITA GP	4300	- 3887	5057	- 4644	----	757	LS, SH	
GOODLAND-WALNUT FMS	5100	- 4687	5575	- 5162	----	475	LS	
UPPER GLEN ROSE FM	5575	- 5162	6712	- 6299	----	1137	LS, SH, ANHY	
LOWER GLEN ROSE FM	6712	- 6299	7030	- 6617	30	318	LS, SH	
BEXAR FM	7030	- 6617	7070	- 6657	----	40	SH	
JAMES FM	7070	- 6657	7145	- 6732	0	75	LS, SH	
PETTET-TRAVIS PEAK	7220	- 6807	9380	- 8967	580	2160	SD, SH, LS	
COTTON VALLEY GP	9120	- 8707	11100	-10687	320	1980	SD, SH, LS	EST
COTTON VALLEY LIME	10620	-10207	11100	-10687	----	480	LS	
BUCKNER FM	11100	-10687	11570	-11157	----	470	SH, ANHY	EST
SMACKOVER FM	11570	-11157	12360	-11947	----	790	LS, DOL	
NORPHLET FM	12360	-11947	12365	-11952	----		SD	TD

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 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : KA - FREESTONE WELL ID NO. : 4812 ELEVATION : 339 TOTAL DEPTH : 9188
 OPERATOR : G.C. CLARK WELL : NO.1 BURGHER FARM CO.
 LOCATION : 660 FREL, 660 FSEL SFC: TNSP : RNG : SUR : CEPARIO CHAMAR A-8

FORMATION	TOP		BASE		NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
	DEPTH	SUB-SEA	DEPTH	SUB-SEA				
WILCOX	0	339	1360	- 1021	0	1360	SH, SDY SH	SUR
MIDWAY GP	1360	- 1021	1970	- 1631	0	610	SH	
NAVARRO GP	1970	- 1631	2760	- 2421	10	790	SH, SD	
TAYLOR GP	2760	- 2421	3940	- 3601	----	1180	SH, MRL	
AUSTIN GP	3940	- 3601	4270	- 3931	----	330	CHK	
EAGLE FORD GP	4270	- 3931	4655	- 4316	10	385	SH, SD	
WOODBINE GP	4655	- 4316	5160	- 4821	193	505	SD, SH	
WASHITA GP	5160	- 4821	6025	- 5686	----	865	LS, SH	
GOODLAND-WALNUT FMS	6090	- 5751	6712	- 6373	----	622	LS, SH	
UPPER GLEN ROSE FM	6713	- 6374	8090	- 7751	----	1377	LS, SH, ANHY	
LOWER GLEN ROSE FM	8090	- 7751	8498	- 8159	45	408	LS, SH	
BEXAR FM	8498	- 8159	8549	- 8210	----	51	SH	
JAMES FM	8549	- 8210	8645	- 8306	0	96	LS	
PETTET-TRAVIS PEAK	8742	- 8403	9188	- 8849	90+		SD, SH	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : KA - FREESTONE WELL ID NO. : 4817 ELEVATION : 518 TOTAL DEPTH : 14038
 OPERATOR : CONTINENTAL OIL CO. WELL : NO.1 H.C. BROWN
 LOCATION : 1650 FSL, 600 FEL SEC: TNSP : RNG : SUR : G. BREWER A-5

FORMATION	DEPTH	TOP SUB-SEA	DEPTH BASE SUB-SEA	NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
WILCOX GP	0	518	910 - 392	0	910	SH, SDY SH	SUR
MIDWAY GP	910	- 392	1700 - 1182	0	790	SH, SDY SH	
NAVARRO GP	1700	- 1182	2410 - 1892	0	710	SH, SDY SH	
TAYLOR GP	2410	- 1892	3640 - 3122	----	1230	SH, MRL	
AUSTIN GP	3640	- 3122	3998 - 3480	----	358	CHK	
EAGLE FORD GP	3998	- 3480	4420 - 3902	0	422	SH, SDY SH	
WOODBINE GP	4420	- 3902	4800 - 4282	55	380	SH, SD	
WASHITA GP	4800	- 4282	5490 - 4972	----	690	LS, SH	
GOODLAND-WALNUT FMS	5538	- 5020	6100 - 5582	----	562	LS	
UPPER GLEN ROSE FM	6100	- 5582	7300 - 6782	----	1200	LS, SH, ANHY	
LOWER GLEN ROSE FM	7300	- 6782	7630 - 7112	45	330	LS, SH	
BEXAR FM	7630	- 7112	7670 - 7152	----	40	SH	
JAMES FM	7670	- 7152	7750 - 7232	0	80	LS	
PETTET-TRAVIS PLAK	7810	- 7292	9950 - 9432	670	2140	SD, SH, LS	
COTTON VALLEY GP	9950	- 9432	12620 - 12102	470	2670	SD, SH, LS	EST
COTTON VALLEY LIME	11960	-11442	12620 - 12102	----	660	LS	
BUCKNER FM	12620	-12102	13380 - 12862	----	760	ANHY, SH	EST
SHACKOVER FM	13380	-12862	14038 - 13520	----		LS, DOL	TD

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JUN 1971

COUNTY : KU - GREGG WELL ID NO. : 3C7 ELEVATION : 376 TOTAL DEPTH : 11830
 OPERATOR : OCCIDENTAL PETR. CO. WELL : NO.2 G.A. BODENHEIM GAS UNIT
 LOCATION : 2800 FNL, 6550 FEL SEC: TNSP : RNG : SUR : ISAAC C. SKILLERN A-4

FORMATION	DEPTH	TOP SUB-SEA	DEPTH	BASE SUB-SEA	NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
CLAIBORNE GP	0	376	210	166	----	210		SUR
WILCOX GP	210	166	993	- 617	----	783		
MIDWAY GP	993	- 617	1700	- 1324	----	707	SH	
NAVARRO GP	1700	- 1324	2355	- 1979	0	655	SH, SD	
TAYLOR GP	2355	- 1979	3290	- 2914	----	935	SH, MRL	
AUSTIN GP	3290	- 2914	3478	- 3102	----	188	CHK	
EAGLE FORD-WOODBINE	3478	- 3102	3478	- 3102	----	0		UNC
WASHITA GP	3478	- 3102	4380	- 4004	----	902	LS, SH	TRC
GOODLAND FM	4534	- 4158	4638	- 4262	----	104	LS	
PALUXY FM	4638	- 4262	4984	- 4608	85	346	SD, SH	
UPPER GLEN ROSE FM	4984	- 4608	6558	- 6182	----	1574	LS, SH, ANHY	
LOWER GLEN ROSE FM	6558	- 6182	6960	- 6584	80	402	LS, SH	
BEXAR FM	6960	- 6584	7020	- 6644	----	60	SH	
JAMES FM	7020	- 6644	7170	- 6794	0	150	LS	
PINE ISLAND FM	7170	- 6794	7249	- 6873	----	79	SH	
PETTET-TRAVIS PEAK	7249	- 6873	9000	- 8624	660	1751	SD, SH, LS	
COTTON VALLEY GP	9000	- 8624	11620	- 11244	570	2620	SD, SH, LS	
COTTON VALLEY LIME	10805	- 10429	11620	- 11244	----	815	LS	
SMACKOVER FM	11620	- 11244	11830	- 11454	----		LS, DOL	TD

REMARKS
 TOP OF SMACKOVER IS ESTIMATED
 WILLOW SPRINGS FIELD

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JUN 1971

COUNTY : KU - GREGG WELL ID NO. : 6A1 ELEVATION : 365 TOTAL DEPTH : 7765
 OPERATOR : DELTA DRILLING CO. WELL : NO.1 K.B. HORTON
 LOCATION : 467 FWL, 467 FSL SEC: TNSP : RNG : SUR : GEO. W. FLOYD A-72

FORMATION	TOP		BASE		NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
	DEPTH	SUB-SEA	DEPTH	SUB-SEA				
WILCOX GP	0	365	1100	- 735	----	1100	SD, SH	SUR
MIDWAY GP	1100	- 735	1748	- 1383	0	648	SH	
NAVARRO GP	1748	- 1383	2155	- 1790	0	407	SH, SDY SH	
TAYLOR GP	2155	- 1790	3300	- 2935	----	1145	SH, MRL, SD	
AUSTIN GP	3300	- 2935	3455	- 3090	----	155	CHK	EQV
EAGLE FORD-WOODBINE	3455	- 3090	3455	- 3090	----	0		UNC
WASHITA GP	3455	- 3090	4515	- 4150	----	1060	LS, SH	TRC
GOODLAND-WALNUT FMS	4598	- 4233	4915	- 4550	----	317	LS, MRL, SH	
PALUXY FM	4915	- 4550	5015	- 4650	25	100	SD, SH	
UPPER GLEN ROSE FM	5015	- 4650	6601	- 6236	----	1586	LS, SH, ANHY	
LOWER GLEN ROSE FM	6601	- 6236	7020	- 6655	50	419	LS, SH	
BEXAR FM	7020	- 6655	7075	- 6710	----	55	SH	
JAMES FM	7075	- 6710	7194	- 6829	0	119	LS	
PINE ISLAND FM	7194	- 6829	7296	- 6931	----	102	SH	
PETTET-TRAVIS PLAK	7296	- 6931	7765	- 7400	100+		LS, SD, SH	TO

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET

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JUN 197

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COUNTY : KU - GREGG WELL ID NO. : 6A2 ELEVATION : 272 TOTAL DEPTH : 10284
 OPERATOR : LONE STAR, HUMBLE WELL : NO.1 ROBERTSON
 LOCATION : 550 FSL, 213 FWL SEC: TNSP : RNG : SUR : MARSHALL MANN

FORMATION	TOP		BASE		NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
	DEPTH	SUB-SEA	DEPTH	SUB-SEA				
WILCOX GP	0	272	750	- 478	----	750	SH, SD	SUR
MIDWAY GP	750	- 478	1600	- 1328	----	850	SH	
NAVARRO GP	1600	- 1328	2050	- 1778	0	450	SH, MRL	
TAYLOR GP	2050	- 1778	3165	- 2893	----	1115	SH, MRL, SD	
AUSTIN GP	3165	- 2893	3345	- 3073	----	180	CHK, MRL	EQV
EAGLE FORD-WOODBINE	3345	- 3073	3345	- 3073	----	0		UNC
WASHITA GP	3345	- 3073	4330	- 4058	----	985	LS, MRL, SH	TRC
GOODLAND-WALNUT FMS	4420	- 4148	4530	- 4258	----	110	LS, MRL, SH	
PALUXY FM	4530	- 4258	4855	- 4583	80	325	SD, SH	
UPPER GLEN ROSE FM	4855	- 4583	6455	- 6183	----	1600	LS, SH, ANHY	
LOWER GLEN ROSE FM	6455	- 6183	6830	- 6558	65	375	LS, SH	
BEXAR FM	6830	- 6558	6890	- 6618	----	60	SH	
JAMES FM	6890	- 6618	7000	- 6728	0	110	LS	
PINE ISLAND FM	7000	- 6728	7115	- 6843	----	115	SH	
PETTET-TRAVIS PEAK	7115	- 6843	9600	- 9328	860	2485	LS, SD, SH	
COTTON VALLEY GP	9600	- 9328	10284	-10012	310+		SD, SH, LS	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET
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JUN 1971

COUNTY : LK - HARRISON WELL ID NO. : 3C5 ELEVATION : 283 TOTAL DEPTH : 11688
 OPERATOR : PAN AMER. PETR. WELL : NO.2 DAVIS GAS UNIT A
 LOCATION : 2000 FNEL, 7850 FNWL SEC: TNSP : RNG : SUR : L. WATKINS A-750

FORMATION	DEPTH	TOP SUB-SEA	DEPTH	BASE SUB-SEA	NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
WILCOX GP	0	283	425	- 142	----	425	SD, SH	SUR
MIDWAY GP	425	- 142	1175	- 892	----	750	SH	ABV
NAVARRO GP	1175	- 892	1730	- 1447	8	555	SH, SD	
TAYLOR GP	1730	- 1447	2590	- 2307	----	860	SH, MRL, SD	
AUSTIN GP	2590	- 2307	2810	- 2527	----	220	CHK, MRL	
EAGLE FORD-WOODBINE	2810	- 2527	2810	- 2527	----	0		UNC
WASHITA GP	2810	- 2527	3258	- 2975	----	448	LS, SH	TRC
GOODLAND FM	3295	- 3012	3420	- 3137	----	125	LS	
PALUXY FM	3420	- 3137	3840	- 3557	25	420	SH, SD	
UPPER GLEN ROSE FM	3840	- 3557	5533	- 5250	----	1693	LS, SH, ANHY	
LOWER GLEN ROSE FM	5533	- 5250	5962	- 5679	150	429	LS, SH	
BEXAR FM	5962	- 5679	6030	- 5747	----	68	SH	
JAMES FM	6030	- 5747	6175	- 5892	0	145	LS	
PINE ISLAND FM	6175	- 5892	6305	- 6022	----	130	SH	
PETTET-TRAVIS PLAK	6305	- 6022	8193	- 7910	425	1888	SD, SH, LS	
COTTON VALLEY GP	8193	- 7910	11045	-10762	380	2852	SD, SH, LS	
COTTON VALLEY LIME	10545	-10262	11045	-10762	----	500	LS	
SHACKOVER FM	11045	-10762	11688	-11405	----		LS	TD

REMARKS
 TOP OF SHACKOVER IS ESTIMATED

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JUN 1971

COUNTY : LK - HARRISON WELL ID NO. : 3C6 ELEVATION : 324 TOTAL DEPTH : 12474
 OPERATOR : PLACID OIL CO. WELL : NO.2 DUNN UNIT NO.2
 LOCATION : 767 FEL, 500 FNL SEC: TNSP : RNG : SUR : W.D. NEWMAN

FORMATION	TOP		BASE		NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
	DEPTH	SUB-SEA	DEPTH	SUB-SEA				
CLAIBORNE GP	0	324	275	49	----	275	SD, SH	SUR
WILCOX GP	270	54	980	- 656	----	710	SD, SH	
MIDWAY GP	980	- 656	1685	- 1361	----	705	SH	
NAVARRO GP	1685	- 1361	2275	- 1951	0	590	SH	
TAYLOR GP	2275	- 1951	3249	- 2925	----	974	SH, MRL, SD	
AUSTIN GP	3249	- 2925	3505	- 3181	----	256	CHK, MRL, SD	
EAGLE FORD GP	3505	- 3181	3505	- 3181	----	0		UNC
WOODBINE GP	3505	- 3181	3575	- 3251	5	70	SH, SD	TRC
WASHITA GP	3575	- 3251	4320	- 3996	----	745	LS, SH	
GOODLAND FM	4380	- 4056	4460	- 4136	----	80	LS	
PALUXY FM	4460	- 4136	4850	- 4526	90	390	SD, SH	
UPPER GLEN ROSE FM	4850	- 4526	6430	- 6106	----	1580	LS, SH, ANHY	
LOWER GLEN ROSE FM	6430	- 6106	6845	- 6521	110	415	LS, SH	
BEXAR FM	6845	- 6521	6908	- 6584	----	63	SH	
JAMES FM	6908	- 6584	7060	- 6736	0	152	LS	
PINE ISLAND FM	7060	- 6736	7150	- 6826	----	90	SH	
PETTET-TRAVIS PLAK	7150	- 6826	9090	- 8766	650	1940	SD, SH, LS	
COTTON VALLEY GP	9090	- 8766	11550	-11226	500	2460	SD, SH, LS	
COTTON VALLEY LIME	10920	-10596	11550	-11226	----	630	LS	
SMACKOVER	11550	-11226	12350	-12026	----	800	LS	

WELL ID NO. : 3C6

CONTINUED

FORMATION	TOP		BASE		NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
	DEPTH	SUB-SEA	DEPTH	SUB-SEA				
NORPHLET FM	12350	-12026	12450	-12126	----	100	SD, SH	
SALT	12450	-12126	12474	-12150	----			TD

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JUN 1971

COUNTY : LK - HARRISON WELL ID NO. : JC32 ELEVATION : 227 TOTAL DEPTH : 6752
 OPERATOR : TENNECO OIL CO. WELL : NO.8-1 T.J. TAYLOR
 LOCATION : 2970 FEL, 660 FSL SEC: TNSP : RNG : SUR : W. INGRAM A-355

FORMATION	TOP		BASE		NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
	DEPTH	SUB-SEA	DEPTH	SUB-SEA				
WILCOX GP	0	227	250	- 23	----	250	SD, SH	SUR
MIDWAY GP	250	- 23	1000	- 773	0	750	SH	ABV
NAVARRO GP	1000	- 773	1542	- 1315	12	542	SH, SD	
TAYLOR GP	1542	- 1315	2420	- 2193	----	878	SH, MRL, SD	
AUSTIN GP	2420	- 2193	2635	- 2408	----	215	CHK, MRL	
EAGLE FORD-WOODHINE	2635	- 2408	2635	- 2408	----	0		UNC
WASHITA GP	2635	- 2408	2949	- 2722	----	314	LS, SH	
GOODLAND FM	3020	- 2793	3120	- 2893	----	100	LS	
PALUXY FM	3120	- 2893	3548	- 3321	30	428	SD, SH	
UPPER GLEN ROSE FM	3548	- 3321	5302	- 5075	----	1754	LS, SH, ANHY	
LOWER GLEN ROSE FM	5302	- 5075	5750	- 5523	150	448	LS, SH	
BEXAR FM	5750	- 5523	5820	- 5593	----	70	SH	
JAMES FM	5820	- 5593	5970	- 5743	0	150	LS	
PINE ISLAND FM	5970	- 5743	6115	- 5888	----	145	SH	
PETTET-TRAVIS PLAK	6115	- 5888	6752	- 6525	120+		SD, SH, LS	TD

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JUN 1971

COUNTY : LK - HARRISON WELL ID NO. : 3C33 ELEVATION : 228 TOTAL DEPTH : 7332
 OPERATOR : TIPTON, BYRD, TRICE WELL : NO.1 SUSIE WILLIAMS
 LOCATION : 3600 FEL, 660 FSL SEC: TNSP : RNG : SUR : ELI CASEY A-160

FORMATION	DEPTH	TOP SUB-SEA	DEPTH	BASE SUB-SEA	NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
CLAIBORNE GP	0	228	100	128	----	100	SD, SH	SUR
WILCOX GP	100	128	830	- 602	----	730	SD, SHY SD,	ABV
MIDWAY GP	830	- 602	1600	- 1372	----	770	SH, SHY SD	
NAVARRO GP	1600	- 1372	2190	- 1962	0	590	SH, SD	
TAYLOR GP	2190	- 1962	3095	- 2867	----	905	SH, MRL, SD	
AUSTIN GP	3095	- 2867	3297	- 3069	----	202	CHK, MRLY	
EAGLE FORD-WOODBINE	3297	- 3069	3297	- 3069	----	0		UNC
WASHITA GP	3297	- 3069	4037	- 3809	----	740	LS, SH	TRC
GOODLAND FM	4102	- 3874	4190	- 3962	----	88	LS	
PALUXY FM	4190	- 3962	4585	- 4357	60	395	SD, SH	
UPPER GLEN ROSE FM	4585	- 4357	6660	- 6432	125	2075	LS, SH, ANHY	
LOWER GLEN ROSE FM	6248	- 6020	6996	- 6768	----	748	LS, SH	
BEXAR FM	6660	- 6432	6720	- 6492	----	60	SH	
JAMES FM	6720	- 6492	6852	- 6624	0	132	LS	
PINE ISLAND FM	6852	- 6624	6996	- 6768	----	144	SH	
PETTET-TRAVIS PLAK	6996	- 6768	7332	- 7104	100+		SD, SH, LS	TD

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COUNTY : LK - HARRISON WELL ID NO. : 3C37 ELEVATION : 257 TOTAL DEPTH : 6417
 OPERATOR : THE SIOSI CO. WELL : NO.1 LINSEY
 LOCATION : 1980 FNC, 660 FWC SEC: TNSP : RNG : SUR : DANIEL ROUSE

FORMATION	DEPTH	TOP SUB-SEA	DEPTH	BASE SUB-SEA	NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
WILCOX GP	0	257	100	157	----	100	SH, SD	SUR
MIDWAY GP	100	157	850	- 593	0	750	SH	ABV
NAVARRO GP	850	- 593	1350	- 1093	10	500	SH, SD	
TAYLOR GP	1350	- 1093	2210	- 1953	----	860	SH, MRL	
AUSTIN GP	2210	- 1953	2410	- 2153	----	200	MRLY CHK	
EAGLE FORD GP	2410	- 2153	2415	- 2158	0	5	SH	
WOODBINE GA	2415	- 2158	2415	- 2158	----	0		UNC
WASHITA GP	2415	- 2158	2476	- 2219	----	61	LS	TRC
GOODLAND FM	2553	- 2296	2672	- 2415	----	119	LS, SH	
PALUXY FM	2672	- 2415	3125	- 2868	35	453	SD, SH	
UPPER GLEN ROSE FM	3125	- 2868	4913	- 4656	----	1788	LS, SH, ANHY	
LOWER GLEN ROSE FM	4913	- 4656	5345	- 5088	50	432	LS, SH	
BEXAR FM	5345	- 5088	5410	- 5153	----	65	SH	
JAMES FM	5410	- 5153	5582	- 5325	----	172	LS	
PINE ISLAND FM	5582	- 5325	5711	- 5454	----	129	SH	
PETTET-TRAVIS PLAK	5711	- 5454	6417	- 6160	90+		SD, SH, LS	TD

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JUN 1971

COUNTY : LK - HARRISON WELL ID NO. : 6A3 ELEVATION : 288 TOTAL DEPTH : 7450
 OPERATOR : JACKSON AND ROBBINS WELL : NO.1 CORA LATHAM
 LOCATION : J150 FNL, 660 FEL SEC: TNSP : RNG : SUR : JOHN FERGUSON A-244

FORMATION	TOP		BASE		NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
	DEPTH	SUB-SEA	DEPTH	SUB-SEA				
WILCOX GP	0	288	800	- 512	----	800	SD, SH	SUR
MIDWAY GP	800	- 512	1580	- 1292	----	780	SH	
NAVARRO GP	1580	- 1292	1955	- 1667	0	375	SH, MRL	
TAYLOR GP	1955	- 1667	3050	- 2762	----	1095	SH, MRL, SD	
AUSTIN GP	3050	- 2762	3273	- 2985	----	223	CHK	
EAGLE FORD-BUDA FMS	3273	- 2985	3273	- 2985	----	0		UNC
GEORGETOWN FM	3273	- 2985	4110	- 3822	----	837	LS, SH	TRC
GOODLAND-WALNUT FMS	4200	- 3912	4573	- 4285	----	373	LS, MRL, SH	
PALUXY FM	4573	- 4285	4660	- 4372	10	87	SD, SH	EQV
UPPER GLEN ROSE FM	4660	- 4372	6318	- 6030	----	1658	LS, SH, ANHY	
LOWER GLEN ROSE FM	6318	- 6030	6730	- 6442	70	412	LS, SH	
BEXAR FM	6730	- 6442	6785	- 6497	----	55	SH	
JAMES FM	6785	- 6497	6920	- 6632	0	135	LS	
PINE ISLAND FM	6920	- 6632	7028	- 6740	----	108	SH	
PETTET-TRAVIS PEAK	7028	- 6740	7450	- 7162	60+		LS, SH, SD	TD

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JUN 1971

COUNTY : LK - HARRISON WELL ID NO. : 6A4 ELEVATION : 301 TOTAL DEPTH : 6749
 OPERATOR : LA GLORIA CORP WELL : NO.1 JAMES BRAUEN
 LOCATION : 568 FWL, 330 FSEL SEC: TNSP : RNG : SUR : E. CARROLL A-135

FORMATION	TOP		BASE		NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
	DEPTH	SUB-SEA	DEPTH	SUB-SEA				
WILCOX GP	0	301	615	- 314	----	615	SD, SH	SUR
MIDWAY GP	615	- 314	1245	- 944	0	630	SH	
NAVARRO GP	1245	- 944	1835	- 1534	0	590	SH, MRL	
TAYLOR GP	1835	- 1534	2555	- 2254	----	720	SH, MRL, SD	
AUSTIN GP	2555	- 2254	2772	- 2471	----	217	CHK	
EAGLE FORD GP	2772	- 2471	2778	- 2477	0	6	SH	
WOODBINE-BUDA FMS	2778	- 2477	2778	- 2477	----	0		UNC
GEORGETOWN FM	2778	- 2477	3150	- 2849	----	372	LS, MRL	
GOODLAND-WALNUT FMS	3235	- 2934	3550	- 3249	----	315	LS, MRL, SH	
PALUXY FM	3550	- 3249	3680	- 3379	10	130	SH, SDY SH	EQV
UPPER GLEN ROSE FM	3680	- 3379	5459	- 5158	----	1779	LS, SH, ANHY	
LOWER GLEN ROSE FM	5459	- 5158	5890	- 5589	65	431	LS, SH	
BEXAR FM	5890	- 5589	5950	- 5649	----	60	SH	
JAMES FM	5950	- 5649	6091	- 5790	0	141	LS	
PINE ISLAND FM	6091	- 5790	6230	- 5929	----	139	SH	
PETTET-TRAVIS PLAK	6230	- 5929	6749	- 6448	95+		LS, SD, SH	TD

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JUN 1971

COUNTY : LT - HENDERSON WELL ID NO. : 4A10 ELEVATION : 363 TOTAL DEPTH : 13142
 OPERATOR : PAN AMERICAN PETR. WELL : NO.1 P.T. KILMAN
 LOCATION : 467 FNL 467 FWL SEC: TNSP : RNG : SUR : PETER TUMLINSON A-755

FORMATION	TOP		BASE		NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
	DEPTH	SUB-SEA	DEPTH	SUB-SEA				
WILCOX	0	363	450	- 87	----	450		SUR
MIDWAY GP	450	- 87	1220	- 857	----	770	SH, SDY SH	
NAVARRO GP	1220	- 857	1890	- 1527	15	670	SH, SDY SH	
TAYLOR GP	1890	- 1527	3140	- 2777	----	1250	SH, MRL	
AUSTIN GP	3140	- 2777	3570	- 3207	----	430	CHK	
EAGLE FORD GP	3570	- 3207	3980	- 3617	3	410	SH	
WOODBINE GP	3980	- 3617	4730	- 4367	235	750	SD, SH	
WASHITA GP	4730	- 4367	5660	- 5297	----	930	LS, SH	
GOODLAND-WALNUT FMS	5725	- 5362	6100	- 5737	----	375	LS, SH	
UPPER GLEN ROSE FM	6100	- 5737	7300	- 6937	----	1200	LS, SH, ANHY	
LOWER GLEN ROSE FM	7300	- 6937	7632	- 7269	75	332	LS, SH	
BEXAR FM	7632	- 7269	7655	- 7292	----	23	SH	
JAMES FM	7655	- 7292	7758	- 7395	0	103	LS	
PETTET-TRAVIS PEAK	7850	- 7487	9650	- 9287	670	1800	SD, SH, LS	
COTTON VALLEY GP	9650	- 9287	11300	-10937	600	1650	SD, SH, LS	
COTTON VALLEY LIME	11300	-10937	12290	-11927	----	990	LS	
SMACKOVER FM	12290	-11927	13142	-12779	----		LS, DOL	TD

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JUN 1971

COUNTY : LT - HENDERSON WELL ID NO. : 4A16 ELEVATION : 382 TOTAL DEPTH : 10205
 OPERATOR : CAROLINE HUNT SANDS WELL : NO.1 NANNIE MAY THORNTON
 LOCATION : 660 FNL, 660 FWL SEC: TNSP : RNG : SUR : GEORGE HANCOCK A-362

FORMATION	TOP		BASE		NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
	DEPTH	SUB-SEA	DEPTH	SUB-SEA				
MIDWAY GP	0	382	440	- 58	----	440	SH, SDY SH	
NAVARRO GP	440	- 58	1197	- 815	5	757	SH, SD	
TAYLOR GP	1197	- 815	2450	- 2068	----	1253	SH, MRL	
AUSTIN GP	2450	- 2068	2910	- 2528	----	460	CHK, MRL	
EAGLE FORD GP	2910	- 2528	3323	- 2941	13	413	SH, SD	
WOODBINE GP	3323	- 2941	3950	- 3568	190	627	SD, SH	
WASHITA GP	3950	- 3568	4865	- 4483	----	915	LS, SH	
GOODLAND FM	4925	- 4543	4980	- 4598	----	55	LS	
PALUXY FM	4980	- 4598	4980	- 4598	----	0		FLT
UPPER GLEN ROSE FM	4980	- 4598	5817	- 5435	----	837	LS, SH, ANHY	FLT
LOWER GLEN ROSE FM	5817	- 5435	6080	- 5698	40	263	LS, SH	
BEXAR FM	6080	- 5698	6100	- 5718	----	20	SH	
JAMES FM	6100	- 5718	6205	- 5823	0	105	LS	
PETTET-TRAVIS PEAK	6310	- 5928	7850	- 7468	600	1540	SD, SH, LS	
COTTON VALLEY GP	7850	- 7468	9600	- 9218	415	1750	SD, SH, LS	EST
COTTON VALLEY LIME	9160	- 8778	9600	- 9218	----	440	LS	
BUCKNER FM	9600	- 9218	9980	- 9598	----	380	ANHY	EQV
SMACKOVER FM	9980	- 9598	10205	- 9823	----		LS, DOL	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET

CORF LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : LT - HENDERSON WELL ID NO. : 5A7 ELEVATION : 447 TOTAL DEPTH : 14500

OPERATOR : LONE STAR PROD. CO. WELL : NO. B-1 ALLYN ESTATE

LOCATION : 6300 FSL, 3660 FWL SEC: TNSP : RNG : SUR : JOHN LAWRENCE A-434

FORMATION	TOP		BASE		NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
	DEPTH	SUB-SEA	DEPTH	SUB-SEA				
CLAIBORNE GP	0	447	215	232	----	215	SD, SH	SUR.
WILCOX GP	215	232	1110	- 663	0	895	SD, SHY SD	
MIDWAY GP	1110	- 663	1905	- 1458	0	795	SH	
NAVARRO GP	1905	- 1458	2425	- 1978	10	520	SH, SD	
TAYLOR GP	2425	- 1978	3690	- 3243	----	1265	SH, MRL	
AUSTIN GP	3690	- 3243	3996	- 3549	----	306	CHK	
EAGLE FORD GP	3996	- 3549	4285	- 3838	15	289	SH, SD	
WOODBINE GP	4285	- 3838	5120	- 4673	380	835	SD, SH	
WASHITA GP	5120	- 4673	6120	- 5675	----	1002	LS, SH	
GOODLAND-WALNUT FMS	6210	- 5763	6305	- 5858	----	95	LS	
PALUXY FM	6305	- 5858	6617	- 6170	20	312	SD, SH	
UPPER GLEN ROSE FM	6617	- 6170	8356	- 7909	----	1739	LS, SH, ANHY	
LOWER GLEN ROSE FM	8356	- 7909	8930	- 8483	85	574	LS, SHY LS	
BEXAR FM	8930	- 8483	8955	- 8508	----	25	SH	
JAMES FM	8955	- 8508	9140	- 8693	0	185	LS	
PETTET-TRAVIS PEAK	9280	- 8833	11115	-10668	670	1835	LS, SD, SH	
COTTON VALLEY GP	11115	-10668	13570	-13123	280	2455	SD, SH, LS	EST
COTTON VALLEY LIME	12605	-12158	13570	-13123	----	965	LS	
SMACKOVER FM	13570	-13123	14500	-14053	----		LS	TD

REMARKS
TOP OF SMACKOVER IS ESTIMATED

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : LT - HENDERSON WELL ID NO. : 5A8 ELEVATION : 387 TOTAL DEPTH : 8964
 OPERATOR : HUNT OIL CO. WELL : NO.1 J.W. MURCHISON, JR.
 LOCATION : 1735 FEL, 660 FSL SEC: TNSP : RNG : SUR : ELIZABETH WASHBURN A-796

FORMATION	TOP		BASE		NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
	DEPTH	SUB-SEA	DEPTH	SUB-SEA				
WILCOX GP	0	387	400	- 13	----	400	SH, SD	
MIDWAY GP	400	- 13	1385	- 998	0	985	SH, SD	
NAVARRO GP	1385	- 998	2120	- 1733	25	735	SH, SD	
TAYLOR GP	2120	- 1733	3315	- 2928	----	1195	SH, MRL	
AUSTIN GP	3315	- 2928	3735	- 3348	----	420	CHK	
EAGLE FORD GP	3735	- 3348	4220	- 3833	20	485	SH, SD	
WOODBINE GP	4220	- 3833	5040	- 4653	300	820	SD, SH	
WASHITA GP	5040	- 4653	6140	- 5753	----	1100	LS, SH	
GOODLAND-WALNUT FMS	6210	- 5823	6372	- 5985	----	162	LS	
PALUXY FM	6372	- 5985	6605	- 6218	5	233	SH, SD	EQV
UPPER GLEN ROSE FM	6605	- 6218	7912	- 7525	----	1307	LS, SH, ANHY	
LOWER GLEN ROSE FM	7912	- 7525	8270	- 7883	90	358	LS, SH	
BEXAR FM	8270	- 7883	8290	- 7903	----	20	SH	
JAMES FM	8290	- 7903	8405	- 8018	0	115	LS	
PETTET-TRAVIS PEAK	8515	- 8128	8964	- 8577	145+		SD, SH, LS	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : LT - HENDERSON WELL ID NO. : SA9 ELEVATION : 465 TOTAL DEPTH : 14258
 OPERATOR : PAN AMERICAN PETR. WELL : NO.1 R.C. KALE
 LOCATION : 1320 FSL, 1730 FEL SEC: TNSP : RNG : SUR : SANFORD HOLMAN A-280

FORMATION	DEPTH	TOP SUB-SEA	DEPTH	BASE SUB-SEA	NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
WILCOX GP	0	465	800	- 335	----	800	SH, SD	SUR
MIDWAY GP	800	- 335	1620	- 1155	0	820	SH, SD	ABV
NAVARRO GP	1620	- 1155	2260	- 1795	8	640	SH, SD	
TAYLOR GP	2260	- 1795	3500	- 3035	----	1240	SH, MRL	
AUSTIN GP	3500	- 3035	3910	- 3445	----	410	CHK	
EAGLE FORD GP	3910	- 3445	4322	- 3857	10	412	SH, SD	
WOODBINE GP	4322	- 3857	4970	- 4505	280	648	SD, SH	
WASHITA GP	4970	- 4505	5955	- 5490	----	985	LS, SH	
GOODLAND-WALNUT FMS	6028	- 5563	6485	- 6020	----	457	LS, SH	
UPPER GLEN ROSE FM	6485	- 6020	7825	- 7360	----	1340	LS, SH, ANHY	
LOWER GLEN ROSE FM	7825	- 7360	8212	- 7747	70	387		
BEXAR FM	8212	- 7747	8220	- 7755	----	8	SH	
JAMES FM	8220	- 7755	8340	- 7875	0	120	LS	
PETTET-TRAVIS PEAK	8432	- 7967	10532	-10067	820	2100	SD, SH, LS	
COTTON VALLEY GP	10532	-10067	13100	-12635	575	2568	SD, SH, LS	EST
COTTON VALLEY LIME	12097	-11632	13100	-12635	----	1003	LS	
SMACKOVER FM	13100	-12635	14258	-13793	----		LS, DOL	TD

REMARKS
 TOP OF SMACKOVER IS ESTIMATED PALUXY BECOMES FACIES OF WALNUT

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : LT - HENDERSON WELL ID NO. : 5A14 ELEVATION : 444 TOTAL DEPTH : 10902
 OPERATOR : CONTINENTAL OIL CO. WELL : NO.1 L.D. HENDERSON
 LOCATION : 3300 FSEC, 330 FNWL SEC: TNSP : RNG : SUR : LAMBRIGHT

FORMATION	TOP		BASE		NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
	DEPTH	SUB-SEA	DEPTH	SUB-SEA				
CLAIBORNE GP	0	444	250	194	----	250	SD, SH	SUR
WILCOX GP	250	194	1265	- 821	----	1015	SD, SH	ABV
MIDWAY GP	1265	- 821	2170	- 1726	0	905	SH	
NAVARRO GP	2170	- 1726	2635	- 2191	8	465	SH, SDY SH	
TAYLOR GP	2635	- 2191	4020	- 3576	----	1385	SH, MRL	
AUSTIN GP	4020	- 3576	4378	- 3934	----	358	CHK	
EAGLE FORD GP	4378	- 3934	4735	- 4291	20	357	SH, SD	
WOODBINE GP	4735	- 4291	5650	- 5206	265	915	SD, SH	
WASHITA GP	5650	- 5206	6947	- 6503	----	1297	LS, SH	
GOODLAND-WALNUT FMS	7065	- 6621	7715	- 7271	----	650	LS, SH, MRL	
UPPER GLEN ROSE FM	7715	- 7271	10120	- 9676	----	2405	LS, SH, ANHY	
LOWER GLEN ROSE FM	10120	- 9676	10690	-10246	80	570	LS, SH	
BEXAR FM	10690	-10246	10734	-10290	----	44	SH	
JAMES FM	10734	-10290	10830	-10386	0	96	LS	
PINE IS. FM	10830	-10386	10902	-10458	----		SH	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : LM - HILL WELL ID NO. : 1 ELEVATION : 766 TOTAL DEPTH : 8278
 OPERATOR : JOE HUMPHREY, ETAL. WELL : NO. 1 J.E. OSBORNE
 LOCATION : 1550 FSEL, S725 FSWL SEC: TNSP : RNG : SUR : E. L. COBLER SUR

FORMATION	TOP		BASE		NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
	DEPTH	SUB-SEA	DEPTH	SUB-SEA				
CRETEOUS-UNDIFF	0	766	1490	- 724	0	1490	SH,SD,LS	
STRAWN	1490	- 724	5550	- 4784	190	4060	SH,SD,LS	
BEND-ATOKA-MORROW	5550	- 4784	7360	- 6594	80	1810	SH,LS,SD	EST
MISS.-BARNETT	7360	- 6594	7865	- 7099	0	505	SH,LS	
SIMPSON	7865	- 7099	8180	- 7414	70	315	SH,LS	
ELLENBURGER	8180	- 7414	8278	- 7512	98+		DOL,LS	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : LW - HILL WELL ID NO. : 2 ELEVATION : 599 TOTAL DEPTH : 6622
 OPERATOR : PHILLIPS PET. CO. WELL : NO. 1-A POSEY
 LOCATION : 2400 FWL,660 FSL SEC: TNSP : RNG : SUR : E. S. WYMAN SUR.

FORMATION	TOP		BASE		NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
	DEPTH	SUB-SEA	DEPTH	SUB-SEA				
CRETACEOUS-UNDIFF	0	599	2615	- 2016	0	2615	SD,SH,LS	
OUACHITA FOLD SERIES	2615	- 2016	6622	- 6023	0		SH,SD	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : LW - HILL WELL ID NO. : 3 ELEVATION : 635 TOTAL DEPTH : 2136
 OPERATOR : CITY OF HILLSBORO WELL : NO.1 HILLSBORO CITY WELL
 LOCATION : CITY OF HILLSBORO SEC: TNSP : RNG : SUR : 0.6 MI. W/COURTHOUSE

FORMATION	DEPTH	TOP	DEPTH	BASE	NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
		SUB-SEA		SUB-SEA				
CRETACEOUS-UNDIFF	0	635	1900	- 1265	0	1900	SH,SD,LS	
OUACHITA FOLD SERIES	1900	- 1265	2136	- 1501	----			TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : LM - HILL WELL ID NO. : 4 ELEVATION : 535 TOTAL DEPTH : 3127

OPERATOR : A.P. MERRITT WELL : NO.1 HENRY NORS

LOCATION : SEC: TNSP : RNG : SUR : F.A. TABOR SUR.

FORMATION	DEPTH	TOP SUB-SEA	DEPTH	BASE SUB-SEA	NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
CRETACEOUS-UNDIFF.	0	535	1624	- 1089	----	1624	SD,SH,LS	
QUACHITA FOLD SERIES	1624	- 1089	3127	- 2592	----			TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET

CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : LW - HILL WELL ID NO. : 5 ELEVATION : 659 TOTAL DEPTH : 3398

OPERATOR : HUMBLE OIL + REF. CO. WELL : NO. 1 M. HOLDERMAN

LOCATION : 750 FNL, 1667 FEL SEC: TNSP : RNG : SUR : C. SULLIVANT SUR.

FORMATION	DEPTH	TOP SUR-SEA	DEPTH	BASE SUB-SEA	NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
CRETACEOUS-UNDIFF.	0	659	3337	- 2678	0	3337	SD,SH,LS	
OUACHITA FOLD SERIES	3337	- 2678	3398	- 2739	----			TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : LW - HILL WELL ID NO. : 6 ELEVATION : 625 TOTAL DEPTH : 2835

OPERATOR : SHERMAN DRILLING CO. WELL : NO.1 GRIFFITH

LOCATION : SEC: TNSP : RNG : SUR : SAMUEL MADDELL SUR

FORMATION	DEPTH	TOP SUB-SEA	DEPTH	BASE SUB-SEA	NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
CRETACEOUS-UNDIFF	0	625	1575	- 950	----	1575	SD,SH,LS	
STRAWN	1575	- 950	2835	- 2210	80+		SD,SH,LS	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : LW - HILL WELL ID NO. : 7 ELEVATION : 641 TOTAL DEPTH : 11802
 OPERATOR : HUMBLE OIL + REF. CO. WELL : NO. 1 ELLA FREEMAN
 LOCATION : 660 FNL , 660 FEL SEC: TNSP : RNG : SUR : JOHN HAYS SUR

FORMATION	DEPTH	TOP SUB-SEA	DEPTH	BASE SUB-SEA	NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
CRETACEOUS	0	641	1780	- 1139	----	1780		
STRAWN	1780	- 1139	5835	- 5194	30	4055	SH,LS	
BEND-ATOKA	5835	- 5194	8260	- 7619	60	2425	SH,LS	
MISS.-BARNETT-CHAPPEL	8260	- 7619	8670	- 8029	30	410	SH,LS	
SIMPSON	8670	- 8029	9060	- 8419	70	390		
ELLENBURGER	9060	- 8419	11802	-11161	2742+			TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : LW - HILL WELL ID NO. : Q29 ELEVATION : 623 TOTAL DEPTH : 1868
 OPERATOR : LAYNE TEXAS CO WELL : CERTAIN-TEED PROD. CORP.
 LOCATION : 1.5 MI. N COURTHOUSE ON HSEC: TNSP : RNG : SUR : JOHN E. ROSS

FORMATION	TOP		BASE		NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
	DEPTH	SUB-SEA	DEPTH	SUB-SEA				
EAGLE FORD GP	0	623	120	503	0	120	SH	SUR
WOODBINE GP	120	503	300	323	28	180	SD, SH	
WASHITA GP	300	323	580	43	----	280	LS, SH	
GOODLAND-WALNUT FMS	604	19	874	- 251	----	270	LS, MRL, SH	
PALUXY FM	874	- 251	917	- 294	----	43	SD, SH	
GLEN ROSE FM	917	- 294	1505	- 882	----	588	LS, SH, ANHY	
TWIN MOUNTAINS FM	1505	- 882	1868	- 1245	----		SD, SH, LS	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : LM - HILL WELL ID NO. : Q31 ELEVATION : 630 TOTAL DEPTH : 1258
 OPERATOR : DALTON J. WOODS WELL : NO.1 J.A. ESTES
 LOCATION : 5 MI. NW HUBBARD SEC: TNSP : RNG : SUR : TYLER COUNTY SCHOOL LAND

FORMATION	TOP		BASE		NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
	DEPTH	SUB-SEA	DEPTH	SUB-SEA				
TAYLOR GP	0	630	455	175	0	455	SH	SUR
AUSTIN GP	455	175	755	- 125	----	300	CHK	
EAGLE FORD GP	755	- 125	1035	- 405	0	280	SH	
WOODBINE GP	1035	- 405	1200	- 570	37	165	SD, SH	
WASHITA GP	1200	- 570	1258	- 628	----		LS, SH	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : LZ - HOPKINS WELL ID NO. : 286 ELEVATION : 482 TOTAL DEPTH : 13481
 OPERATOR : HUMBLE OIL AND REF. WELL : NO.6 G.W. MILLER
 LOCATION : 1320 FSL, 2100 FEL SEC: TNSP : RNG : SUR : STEPHEN NICHOLS A-714

FORMATION	TOP		BASE		NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
	DEPTH	SUB-SEA	DEPTH	SUB-SEA				
WILCOX GP	0	482	615	- 133	60+	615	SH, SD	SUR
MIDWAY GP	615	- 133	1475	- 993	0	860	SH	
NAVARRO GP	1475	- 993	2010	- 1528	85	535	SH, SD	
TAYLOR GP	2010	- 1528	3640	- 3158	----	1630	SH, MRL	
AUSTIN GP	3640	- 3158	4020	- 3538	----	380	MRL, CHK	
EAGLE FORD GP	4020	- 3538	4520	- 4038	90	500	SH, SD	
WOODBINE GP	4520	- 4038	5230	- 4748	375	710	SD, SH	
WASHITA GP	5230	- 4748	6200	- 5718	----	970	LS, SH	
GOODLAND FM	6200	- 5718	6320	- 5838	----	120	LS	
PALUXY FM	6320	- 5838	6680	- 6198	210	360	SD, SH, LS	
UPPER GLEN ROSE FM	6680	- 6198	7860	- 7378	----	1180	LS, SH, ANH	Y
LOWER GLEN ROSE FM	7860	- 7378	8385	- 7903	175	525	LS, SH	
PETTET-TRAVIS PEAK	8385	- 7903	9903	- 9421	610	1518	SD, SH, LS	
COTTON VALLEY GP	9903	- 9421	12760	-12278	----	2857	SD, SH, LS	
COTTON VALLEY LIME	11865	-11383	12760	-12278	----	895	LS	
BUCKNER FM	12760	-12278	13322	-12840	----	562	SH, ANHY	EST
SMACKOVER FM	13322	-12840	13481	-12999	----		LS, DOL	TD

REMARKS
 PICKTON FIELD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET

CORE LABORATORIES INC, E AND C DEPT,

JUN 1971

COUNTY : LZ - HOPKINS WELL ID NO. : 2B7 ELEVATION : 423 TOTAL DEPTH : 11078
 OPERATOR : SCHNEIDER, COREY, ETAL WELL : NO.1 OSCAR B. PAYNE
 LOCATION : 467 FNWL, 467 FWL SEC: TNSP : RNG : SUR : HAYNES CRABTREE A-162

FORMATION	DEPTH	TOP SUB-SEA	DEPTH	BASE SUB-SEA	NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
MIDWAY GP	0	423	1000	- 577	0	1000	SH	SUP
NAVARRO GP	1000	- 577	1590	- 1167	----	590	SH, SD	ABV
TAYLOR GP	1590	- 1167	2830	- 2407	----	1240	SH, MRL, SD	ABV
AUSTIN GP	2830	- 2407	3090	- 2667	----	260	MRL, CHK	
EAGLE FORD GP	3090	- 2667	3590	- 3167	90	500	SH, SD	
WOODBINE GP	3590	- 3167	4191	- 3768	240	601	SH, SD	
WASHITA GP	4191	- 3768	5018	- 4595	----	827	LS, SH	
GOODLAND FM	5056	- 4633	5116	- 4693	----	60	LS	
PALUXY FM	5116	- 4693	5520	- 5097	180	404	SD, SH, LS	
UPPER GLEN ROSE FM	5520	- 5097	6468	- 6045	40	948	LS, SH, ANHY	
LOWER GLEN ROSE FM	6468	- 6045	6942	- 6519	150	474	LS, SH	
TRAVIS PEAK FM	6942	- 6519	8393	- 7970	800	1451	SD, SH, LS	
COTTON VALLEY GP	8393	- 7970	10220	- 9797	420	1827	SD, SH, LS	
COTTON VALLEY LIME	9850	- 9427	10220	- 9797	----	370	LS	
BUCKNER FM	10220	- 9797	10860	- 10437	----	640	SH, ANHY	
SMACKOVER FM	10860	- 10437	11078	- 10655	----		LS, UOL	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : LZ - HUPKINS WELL ID NO. : 2810 ELEVATION : 525 TOTAL DEPTH : 13469
 OPERATOR : HINTON PROD. CO. WELL : NO.1 WOODROW WALKER
 LOCATION : 330 FNL, 7150 FNEL SEC: TNSP : RNG : SUR : THOMAS LEE A-55

FORMATION	TOP		BASE		NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
	DEPTH	SUB-SEA	DEPTH	SUB-SEA				
WILCOX GP	0	525	195	330	0	195		SUR
MIDWAY GP	195	330	1215	- 690	0	1020	SH	
NAVARRO GP	1215	- 690	1688	- 1163	50	473	SH, SD	
TAYLOR GP	1688	- 1163	3545	- 3020	----	1857	SH, MRL	
AUSTIN GP	3545	- 3020	3935	- 3410	----	390	CHK, MRL	
EAGLE FORD GP	3935	- 3410	4485	- 3960	20	550	SH	
WOODBINE GP	4485	- 3960	5253	- 4728	310	768	SD, SH	
WASHITA GP	5253	- 4728	6290	- 5715	----	987	LS, SH	
GOODLAND	6290	- 5765	6355	- 5830	----	65	LS	
PALUXY FM	6355	- 5830	6690	- 6165	185	335	SD, SH	
UPPER GLEN ROSE FM	6690	- 6165	7808	- 7283	----	1118	LS, SH, ANHY	
LOWER GLEN ROSE FM	7808	- 7283	8405	- 7880	190	597		
PETTET-TRAVIS PLAK	8405	- 7880	9890	- 9365	600	1485	SD, SH, LS	
COTTON VALLEY GP	9890	- 9365	12010	-11485	350	2120	SD, SH, LS	
COTTON VALLEY LIME	11580	-11055	12010	-11485	----	430	LS	
BUCKNER FM	12010	-11485	12765	-12240	----	755	SH, ANHY	
SMACKOVER FM	12765	-12240	13469	-12944	----		LS, DOL	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : LZ - HOPKINS WELL ID NO. : 2813 ELEVATION : 435 TOTAL DEPTH : 9600
 OPERATOR : HUMBLE OIL AND REF. WELL : NO.1 DUNAHH
 LOCATION : 1260 FMI, 925 FWL SEC: TNSP : RNG : SUR : JOHN NIDEAVER A-707

FORMATION	DEPTH	TOP SUB-SEA	DEPTH	BASE SUB-SEA	NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
MIDWAY GP	0	435	287	148	0	287	SH	SUR
NAVARRO GP	287	148	794	- 359	38	507	SH, SD	
TAYLOR GP	794	- 359	2640	- 2205	----	1846	SH, MRL	
AUSTIN GP	2640	- 2205	2980	- 2545	----	340	CHK, MRL	
EAGLE FORD GP	2980	- 2545	3440	- 3005	70	460	SH, SD	
WOODBINE GP	3440	- 3005	3820	- 3385	235+	380	SD, SH	
WASHITA GP	3820	- 3385	4575	- 4140	----	755	LS, SH	
GOODLAND FM	4600	- 4165	4670	- 4235	----	70	LS	
PALUXY FM	4670	- 4235	5050	- 4615	200	380	SD, SH	
UPPER GLEN ROSE FM	5050	- 4615	5850	- 5415	60	800	LS, SH, ANHY	
LOWER GLEN ROSE FM	5850	- 5415	6245	- 5810	140	395	LS, SH, SD	
PETTET-TRAVIS PLAK	6245	- 5810	7280	- 6845	450	1035	SD, SH, LS	
COTTON VALLEY GP	7280	- 6845	8650	- 8215	330	1370	SD, SH, LS	
BUCKNER FM	8650	- 8215	9060	- 8625	----	410	SH, ANHY	
SMACKOVER FM	9060	- 8625	9510	- 9075	----	450	LS, DOL	
NORPHLET FM	9510	- 9075	9600	- 9165	----		SD	TD

REMARKS
 635 FT. F/O AT 3527 (-3092) IN WOODBINE

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : PA - HOUSTON WELL ID NO. : 502 ELEVATION : 256 TOTAL DEPTH : 10412
 OPERATOR : HUMBLE OIL AND REF. WELL : NO.2 C.R. WALBEKI
 LOCATION : 1320 FNNWL, 2450 FMSWL SEC: TNSP : RWG : SUR : JUAN LA RIVIERE A-49

FORMATION	DEPTH	TOP SUB-SEA	DEPTH	BASE SUB-SEA	NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
CLAIBORNE GP	0	256	1235	- 979	----	1235	SD, SH	SUR
CARRIZO-WILCOX SD	615	- 359	2640	- 2384	0	2025	SD, SH	ABV
MIDWAY GP	2640	- 2384	4055	- 3799	0	1415	SH, SDY SH	EST
NAVARRO GP	4055	- 3799	4055	- 3799	----	0		UNC
TAYLOR GP	4055	- 3799	5313	- 5057	----	1258	SH, MRL	EST
AUSTIN GP	5313	- 5057	5584	- 5328	----	271	CHK	
EAGLE FORD GP	5584	- 5328	5706	- 5450	0	122	SH	TRC
WOODBINE GP	5706	- 5450	6412	- 6156	135	706	SD, SH	
WASHITA GP	6412	- 6156	7058	- 6802	----	646	LS, SH	
GOODLAND-WALNUT FMS	7130	- 6874	7720	- 7464	----	590	LS, MRL, SH	
UPPER GLEN ROSE FM	7720	- 7464	9002	- 8746	----	1282	LS, SH, ANHY	
LOWER GLEN ROSE FM	9002	- 8746	9481	- 9225	55	479	LS, SH	
BEXAR FM	9481	- 9225	9500	- 9244	----	19	CALC SH	EQV
JAMES FM	9500	- 9244	9650	- 9394	0	150	LS	
PETTET-TRAVIS PEAK	9718	- 9462	10412	-10156	50+		SD, SH, LS	TD

REMARKS
 NAVARRO CROSSING FIELD

175 FT. F/O AT 8970 (-8714)

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET
 CORE LABORATORIES INC. E AND C DEPT.

JUN 1971

COUNTY : PA - HOUSTON WELL ID NO. : 5C3 ELEVATION : 418 TOTAL DEPTH : 10436
 OPERATOR : MAGNOLIA PETR. CO. WELL : NO.1 J.W. GROUNDS
 LOCATION : 660 FSL, 660 FEL SEC: TNSP : RNG : SUR : W.C. LUCE

FORMATION	DEPTH	TOP SUB-SEA	DEPTH	BASE SUB-SEA	NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
CLAIBORNE GP	0	418	910	- 492	----	910	SD, SH	SUR
CARKIZO-WILCOX SD	704	- 286	3220	- 2802	140	2516	SD, SH	
MIDWAY GP	3220	- 2802	4560	- 4142	18	1340	SH, SD	
NAVARRO GP	4560	- 4142	4870	- 4452	0	310	SH, MRL	
TAYLOR GP	4870	- 4452	5848	- 5430	----	978	SH, MRL	
AUSTIN GP	5848	- 5430	6132	- 5714	----	284	CHK	
EAGLE FORD GP	6132	- 5714	6175	- 5757	0	43	SH	TRC
WOODBINE GP	6175	- 5757	6940	- 6522	185	765	SD, SH	
WASHITA GP	6940	- 6522	7667	- 7249	----	727	LS, SH	
GOODLAND-WALNUT FMS	7740	- 7322	8341	- 7923	----	601	LS, MRL, SH	
UPPER GLEN ROSE FM	8341	- 7923	10186	- 9768	----	1845	LS, SH, ANHY	
LOWER GLEN ROSE FM	10186	- 9768	10436	-10018	80		LS, SH, ANHY	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET
 CORE LABORATORIES INC. E AND C DEPT.

JUN 1971

COUNTY : PA - HOUSTON WELL ID NO. : 5C4 ELEVATION : 294 TOTAL DEPTH : 7213
 OPERATOR : PULASKI AND BOCK WELL : NO.1 ALPHA MUSICK
 LOCATION : 4800 FNWL, 675 FSWL SEC: TNSP : RNG : SUR : WM. CONNER A-238

FORMATION	TOP		BASE		NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
	DEPTH	SUB-SEA	DEPTH	SUB-SEA				
CLAIBORNE GP	0	294	1380	- 1086	----	1380	SD, SH	SUR
CARRIZO-WILCOX SD	1110	- 816	4280	- 3986	910	3170	SD, SH	
MIDWAY GP	4280	- 3986	5530	- 5236	10	1250	SH, SD	
NAVARRO GP	5530	- 5236	5865	- 5571	0	335	SH, LS, SD	
TAYLOR GP	5865	- 5571	6738	- 6444	----	873	SH, MRL	
AUSTIN GP	6738	- 6444	7025	- 6731	----	287	CHK	
EAGLE FORD GP	7025	- 6731	7025	- 6731	----	0		UNC
WOODBINE GP	7025	- 6731	7213	- 6919	120*		SD, SH	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET

LOGGERS LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : PA - HOUSTON WELL ID NO. : 9CA ELEVATION : 304 TOTAL DEPTH : 8436
 OPERATOR : R.M. SIMS WELL : NO-1 RAWLS
 LOCATION : 1200 FNNEL, 2275 FNSL SEC: TNSP : RNG : SUR : JAMES L. GOSSET

FORMATION	TOP		BASE		NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
	DEPTH	SUB-SEA	DEPTH	SUB-SEA				
CLAIBORNE GP	0	304	1345	- 1041	----	1345	SD, SH	SUR
CARRIZO-WILCOX SD	110	194	4445	- 4141	290	4335	SD, SH	EST
MIDWAY GP	4445	- 4141	5680	- 5376	0	1235	SH, SDY SH	EST
NAVARRO GP	5680	- 5376	5900	- 5596	0	220	SH, SDY SH	EST
TAYLOR GP	5900	- 5596	7015	- 6711	----	1115	SH, MRL	
AUSTIN GP	7015	- 6711	7320	- 7016	----	305	CHK	
EAGLE FORD GP	7320	- 7016	7460	- 7156	10	140	SH, SD	TRC
WOODBINE GP	7460	- 7156	8240	- 7936	165	780	SD, SH	
WASHITA GP	8240	- 7936	8436	- 8132	----		LS, SH	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : PA - HOUSTON WELL ID NO. : 5C7 ELEVATION : 403 TOTAL DEPTH : 11937
 OPERATOR : SIGNAL OIL AND GAS CO WELL : NO.1 HOUSTON CO. TIMBER CO.
 LOCATION : 1550 FNL, 810 FEL SEC: TNSP : RNG : SUR : G. GONZALES A-463

FORMATION	TOP		BASE		NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
	DEPTH	SUB-SEA	DEPTH	SUB-SEA				
CLAIBORNE GP	0	403	2080	- 1677	----	2080	SD, SH	SUR
CARRIZO-WILCOX SD	1700	- 1297	5085	- 4682	1740	3385	SD, SH	ABV
MIDWAY GP	5085	- 4682	6260	- 5857	0	1175	SH, SDY SH	
NAVARRO GP	6260	- 5857	6690	- 6287	0	430	SH, LS	EST
TAYLOR GP	6690	- 6287	7515	- 7112	----	825	SH, MRL	EST
AUSTIN GP	7515	- 7112	7850	- 7447	----	335	CHK	
EAGLE FORD GP	7850	- 7447	7850	- 7447	----	0		UNC
WOODBINE GP	7850	- 7447	8390	- 7987	85	540	SD, SH	TRC
WASHITA GP	8390	- 7987	8910	- 8507	----	520	LS, SH	
GOODLAND-WALNUT FMS	9027	- 8624	9450	- 9047	----	423	LS, MRL, SH	
UPPER GLEN ROSE FM	9450	- 9047	10900	-10497	----	1450	LS, SH, ANHY	
LOWER GLEN ROSE FM	10900	-10497	11560	-11157	100	660	LS, SH	
BEXAR FM	11560	-11157	11700	-11297	----	140	SH	
JAMES FM	11700	-11297	11900	-11497	20	200	LS	
PINE ISLAND FM	11900	-11497	11937	-11534	----		SH	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET

CORE LABORATORIES INC. E AND C DEPT.

JUN 1971

COUNTY : PA - HOUSTON WELL ID NO. : 5C12 ELEVATION : 234 TOTAL DEPTH : 12025
 OPERATOR : PURE OIL CO. WELL : NO.1 P.R. MAPLES
 LOCATION : 1475 FNL, 467 FEL SEC: TNSP : RNG : SUR : BARTON CLARK

FORMATION	TOP		BASE		NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
	DEPTH	SUB-SEA	DEPTH	SUB-SEA				
EAGLE FORD-WOODBINE	8235	- 8001	9225	- 8991	250	990	SD, SH	
WASHITA GP	9225	- 8991	9788	- 9554	----	563	LS, SH	
GOODLAND-WALNUT FMS	9955	- 9721	10370	-10136	----	415	LS, MRL, SH	
GLEN ROSE FM	10370	-10136	12025	-11791	30+		LS,SH	TD

REMARKS
 LOG COVERAGE BEGINS IN AUSTIN, E. FORT TRINIDAD FIELD
 MASSIVE ANHYDRIDE BECOMES REEF FACIES OF GLEN ROSE.

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : PH - HUNT WELL ID NO. : 1A1 ELEVATION : 677 TOTAL DEPTH : 5005
 OPERATOR : WESTMOUNT OIL CO. WELL : NO.1 CLARK
 LOCATION : 440 TSL, 440 FEL SEC: TNSP : RNG : SUR : W.H. WILLIAMS

FORMATION	DEPTH	TOP SUB-SEA	DEPTH	BASE SUB-SEA	NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
TAYLOR GP	0	677	320	357	----	320	SH, MRL, SD	SUR
AUSTIN GP	320	357	800	- 123	----	480	MRL, CHK	ABV
WOODBINE GP	1240	- 563	1860	- 1183	----	620	SD, SH	ABV
WASHITA GP	1860	- 1183	2445	- 1768	----	585	LS, SH	ABV
GOODLAND FM	2494	- 1817	2575	- 1898	----	81	LS	
PALUXY FM	2575	- 1898	2815	- 2138	135	240	SD, SH,	
UPPER GLEN ROSE FM	2815	- 2138	3396	- 2719	50	581	LS, SH, ANHY	
LOWER GLEN ROSE FM	3396	- 2719	3760	- 3083	155	364	LS, SH	
TRAVIS PEAK FM	3760	- 3083	4670	- 3993	670	910	SD, SH, LS	EST
COTTON VALLEY GP	4670	- 3993	4763	- 4086	50	93	SD, SH, LS	
OUACHITA FACIES	4763	- 4086	5005	- 4328	----			TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : PH - HUNT WELL ID NO. : 1A2 ELEVATION : 599 TOTAL DEPTH : 6271
 OPERATOR : HUMBLE OIL AND REF WELL : NO.1 ANDERSON
 LOCATION : 728 FNL, 750 FWL SEC: TNSP : RNG : SUR : JULIET PORTER

FORMATION	DEPTH	TOP SUB-SEA	DEPTH	BASE SUB-SEA	NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
TAYLOR GP	0	599	883	- 284	----	883	SH, MRL, SD	SUR
AUSTIN GP	883	- 284	1368	- 769	----	485	MRL, CHK	
WOODBINE GP	1808	- 1209	2429	- 1830	270	621	SD, SH	
WASHITA GP	2429	- 1830	3026	- 2427	----	597	LS, SH	
GOODLAND FM	3078	- 2479	3108	- 2509	----	30	LS	
PALUXY FM	3108	- 2509	3440	- 2841	140	332	SD, SH, LS	
UPPER GLEN ROSE FM	3440	- 2841	4076	- 3477	40	636	LS, SH, ANHY	EST
LOWER GLEN ROSE FM	4076	- 3477	4407	- 3808	175	331	LS, SH	
TRAVIS PEAK FM	4407	- 3808	5517	- 4918	760	1110	SD, SH, LS	EST
COTTON VALLEY GP	5517	- 4918	6085	- 5486	270	568	SD, SH, LS	EST
BUCKNER FM	6085	- 5486	6203	- 5604	----	118	SD, SH, ANHY	
QUACHITA FACIES	6203	- 5604	6271	- 5672	----			TO

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : PH - HUNT WELL ID NO. : 1A3 ELEVATION : 559 TOTAL DEPTH : 7154
 OPERATOR : HUMBLE OIL AND REF WELL : NO.1 LESSA NORMAN
 LOCATION : 670 FENEL, 670 FSNL SEC : TNSP : RNG : SUR : MIRAM THOMPSON

FORMATION	TOP		BASE		NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
	DEPTH	SUB-SEA	DEPTH	SUB-SEA				
TAYLOR GP	0	559	1042	- 483	----	1042	SH, MRL, SD	SUR
AUSTIN GP	1042	- 483	1576	- 1017	----	534	MRL, CHK	
WOODBINE GP	2007	- 1448	2714	- 2155	268	707	SD, SH	
WASHITA GP	2714	- 2155	3300	- 2741	----	586	LS, SH	
GOODLAND FM	3350	- 2791	3391	- 2832	----	41	LS	
PALUXY FM	3391	- 2832	3755	- 3196	210	364	SD, SH	
UPPER GLEN ROSE FM	3755	- 3196	4387	- 3828	30	632	LS, SH, SD	EST
LOWER GLEN ROSE FM	4387	- 3828	4872	- 4313	290	485	LS, SH	
TRAVIS PEAK FM	4872	- 4313	6000	- 5441	865	1128	SD, SH	EST
COTTON VALLEY GP	6000	- 5441	6724	- 6165	350	724	SD, SH, LS	
BUCKNER FM	6724	- 6165	6880	- 6321	----	156	SH, ANHY	
SMACKOVER FM	6880	- 6321	7028	- 6469	----	148	LS, DOL	
EAGLE MILLS GP	7028	- 6469	7140	- 6581	----	112	SD, SH	
QUACHTA FACIES	7140	- 6581	7154	- 6595	----			TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET

CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : PH - HUNT WELL ID NO. : 1A4 ELEVATION : 540 TOTAL DEPTH : 7482
 OPERATOR : HUMBLE OIL AND REF CO WELL : NO.1 J.A. RUTHERFORD
 LOCATION : 1980 FNL, 2500 FEL SEC: TNSP : RNG : SUR : SAMUEL LINDSEY

FORMATION	DEPTH	TOP SUB-SEA	DEPTH	BASE SUB-SEA	NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
TAYLOR GP	0	540	1120	- 580	----	1120	SH, MRL, SD	SUR
AUSTIN GP	1120	- 580	1660	- 1120	----	540	MRL, CHK	
WOODBINE GP	2117	- 1577	2783	- 2243	160	666	SD, SH	
WASHITA GP	2783	- 2243	3790	- 2850	----	607	LS, SH	
GOODLAND FM	3447	- 2907	3486	- 2946	----	39	LS	
PALUXY FM	3486	- 2946	3844	- 3304	165	358	SD, SH, LS	
UPPER GLEN ROSE FM	3844	- 3304	4530	- 3990	30	686	LS, SH, ANHY	EST
LOWER GLEN ROSE FM	4530	- 3990	4993	- 4453	180	463	LS, SH	
TRAVIS PEAK FM	4993	- 4453	6110	- 5570	690	1117	SD, SH, LS	EST
COTTON VALLEY GP	6110	- 5570	6990	- 6450	480	880	SD, SH, LS	EST
BUCKNER FM	6990	- 6450	7172	- 6632	----	182	SD, SH, ANHY	
SMACKOVER FM	7172	- 6632	7450	- 6910	----	278	LS, DOLO	
OUACHITA FACIES	7450	- 6910	7482	- 6942	----		SCHIST	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET

CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : PH - HUNT WELL ID NO. : 1A5 ELEVATION : 535 TOTAL DEPTH : 7928
 OPERATOR : H.L. PEVETO, ET AL WELL : NO. 1 O.B. INGRAM
 LOCATION : 1650 FSL, 3200 FWL SEC: TNSP : RNG : SUR : MARY MORRIS A-649

FORMATION	TOP		BASE		NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
	DEPTH	SUB-SEA	DEPTH	SUB-SEA				
TAYLOR GP	0	535	1340	- 805	----	1340	SH, MRL, SD	SUR
AUSTIN GP	1340	- 805	1865	- 1330	----	525	MRL, CHK	ABV
EAGLE FORD GP	1865	- 1330	2331	- 1796	10	466	SH, SD	
WOODBINE GP	2331	- 1796	3010	- 2475	292	679	SD, SH	
WASHITA GP	3010	- 2475	3662	- 3127	----	652	LS, SH	
GOODLAND FM	3720	- 3185	3758	- 3223	----	38	LS	
PALUXY FM	3758	- 3223	4130	- 3595	170	372	SD, SH, LS	
UPPER GLEN ROSE FM	4130	- 3595	4835	- 4300	50	705	LS, SH, ANHY	EST
LOWER GLEN ROSE FM	4835	- 4300	5220	- 4685	250	385	LS, SH	
TRAVIS PEAK FM.	5220	- 4685	6574	- 6039	830	1354	SD, SH, LS	EST
COTTON VALLEY GP	6574	- 6039	7620	- 7085	545	1046	SD, SH, LS	
BUCKNER FM	7620	- 7085	7863	- 7328	----	243	SD, ANHY, LS	
SMACKOVER FM	7863	- 7328	7928	- 7393	----		LS, DOLO	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : PH - HUNT WELL ID NO. : 1A6 ELEVATION : 530 TOTAL DEPTH : 9517
 OPERATOR : HUMBLE OIL AND REF CO WELL : NO.1 F.F. GRAHAM
 LOCATION : 860 F.WL, 885 FNL SEC: TNSP : RRG : SUR : WM. ELAM

FORMATION	DEPTH	TOP SUB-SEA	DEPTH	BASE SUB-SEA	NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
NAVARRO GP	0	530	330	200	40+	330	SD, SH	SUR
TAYLOR GP	330	200	1953	- 1423	----	1623	SH, MRL, SD	
AUSTIN GP	1953	- 1423	2470	- 1940	----	517	MRL, CHK	
EAGLE FORD GP	2470	- 1940	2975	- 2445	18	505	SH, SD	
WOODBINE GP	2975	- 2445	3705	- 3175	287	730	SD, SH	
WASHITA GP	3705	- 3175	4537	- 4007	----	832	LS, SH	
GOOULAND FM	4598	- 4068	4670	- 4140	----	72	LS	
PALUXY	4670	- 4140	5025	- 4495	180	355	SD, SH, LS	
UPPER GLEN ROSE FM	4945	- 4415	2578	- 2048	20	2367	LS, SH, ANHY	
LOWER GLEN ROSE FM	5678	- 5148	5950	- 5420	120	272	LS, SH, SD	
TRAVIS PEAK FM	5950	- 5420	7154	- 6624	780	1204	SD, SH, LS	
COTTON VALLEY GP	7154	- 6624	8510	- 7980	660	1356	SD, SH, LS	
BUCKNER FM	8510	- 7980	9012	- 8482	----	502	SH, SD, ANHY	
SHACKOVER FM	9012	- 8482	9500	- 8970	----	488	LS, DOLO	
EAGLE MILLS GP	9500	- 8970	9517	- 8987	----		SALT	TD

REMARKS
 WIELAND FIELD 160 FT. F/O AT 5160 (-4630)

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET
 CORE LABORATORIES INC. E AND C DEPT.

JUN 1971

COUNTY : PH - HUNT WELL ID NO. : 1A7 ELEVATION : 586 TOTAL DEPTH : 4950
 OPERATOR : TALBERT AND LAKE WELL : NO.1 E.B. WHITE
 LOCATION : 330 FSL, 330 FEL OF TR SEC: TNSP : RNG : SUR : J.B. NORRIS

FORMATION	TOP		BASE		NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
	DEPTH	SUB-SEA	DEPTH	SUB-SEA				
NAVARRO GP	0	586	342	244	40+	342	SD, SH	SUR
TAYLOR GP	342	244	2000	- 1414	----	1658	SD, SH, MRL	
AUSTIN GP	2000	- 1414	2520	- 1934	----	520	CHK, MRL	
EAGLE FORD GP	2520	- 1934	3110	- 2524	22	590	SH, SD	
WOODBINE GP	3110	- 2524	3630	- 3044	290	520	SD, SH	
WASHITA GP	3630	- 3044	4560	- 3974	----	930	LS, SH	
GOODLAND FM	4619	- 4033	4696	- 4110	----	77	LS	
PALUXY FM	4696	- 4110	4950	- 4364	155+		SD, SH	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : PH - HUNT WELL ID NO. : 1B1 ELEVATION : 495 TOTAL DEPTH : 9105
 OPERATOR : PAUL C. TEAS WELL : NO.1 J.H. CHAMBLISS
 LOCATION : 330 FSWL, 2310 FSSL SEC: TNSP : RING : SUR : MARY LATHAM

FORMATION	DEPTH	TOP SUB-SEA	DEPTH	BASE SUB-SEA	NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
MIDWAY GP	0	495	130	365	----	130	SD, SH	SUR
NAVARRO GP	130	365	630	- 135	----	500	SD, SH	ABV
TAYLOR GP	630	- 135	2215	- 1720	----	1585	SH, MRL, SD	ABV
AUSTIN GP	2215	- 1720	2775	- 2280	----	560	MRL, CHK	
EAGLE FORD GP	2775	- 2280	3420	- 2925	20	645	SH, SD	
WOODBINE GP	3420	- 2925	4108	- 3613	235	688	SD, SH	
WASHITA GP	4108	- 3613	5108	- 4613	----	1000	LS, SH	
GOODLAND FM	5170	- 4675	5270	- 4775	----	100	LS	
PALUXY FM	5270	- 4775	5687	- 5192	220	417	SD, SH, LS	
UPPER GLEN ROSE FM	5687	- 5192	6800	- 6305	25	1113	LS, SH, ANHY	
LOWER GLEN ROSE FM	6800	- 6305	7225	- 6730	120	425	LS, SH, SD	
TRAVIS PEAK	7225	- 6730	8560	- 8065	620	1335	SD, SH, LS	EST
COTTON VALLEY GP	8560	- 8065	8646	- 8151	25+	86	SD, SH, LS	EST
BUCKNER FM	8646	- 8151	8955	- 8460	----	309	SH, ANHY	FLT
SHACKOVER	8955	- 8460	9105	- 8610	----		LS, DOL	TD

REMARKS
 1390 FT F/O AT 8646 (-8151)

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : PH - HUNT WELL ID NO. : 1B2 ELEVATION : 522 TOTAL DEPTH : 9356
 OPERATOR : LELAND FIKES WELL : NO.1 SPENCER
 LOCATION : 660 FNL, 420 FEL SEC: TNSP : RNG : SUR : JAMES MCADAMS A-652

FORMATION	TOP		BASE		NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
	DEPTH	SUB-SEA	DEPTH	SUB-SEA				
MIDWAY GP	0	522	130	392	----	130	SH, SD	SUR
NAVARRO GP	130	392	630	- 108	30	500	SH, SD	ABV
TAYLOR GP	630	- 108	2104	- 1582	----	1474	SH, MRL, SD	ABV
AUSTIN GP	2104	- 1582	2667	- 2145	----	563	MRL, CHK	
EAGLE FORD GP	2667	- 2145	3261	- 2739	18	594	SH, SD	
WOODBINE GP	3261	- 2739	3910	- 3388	227	649	SD, SH	
WASHITA GP	3910	- 3388	4866	- 4344	----	956	LS, SH	
GOODLAND FM	4929	- 4407	5018	- 4496	----	89	LS	
PALUXY FM	5018	- 4496	5420	- 4898	215	402	SD, SH, LS	
UPPER GLEN ROSE FM	5420	- 4898	6440	- 5918	20	1020	LS, SH, ANHY	
LOWER GLEN ROSE FM	6440	- 5918	6875	- 6353	105	435	LS, SH, SD	
TRAVIS PEAK FM	6875	- 6353	8059	- 7537	560	1184	SD, SH, LS	EST
COTTON VALLEY SUB-GP	8059	- 7537	8495	- 7973	310+	436	SD, SH, LS	EST
BUCKNER FM	8495	- 7973	9035	- 8513	----	540	SH, SD, ANHY	FLT
SMACKOVER	9035	- 8513	9356	- 8834	----		LS, DOL	TD

REMARKS
 950 FT. F/O AT APPROX. 8495 (-7975)

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET
 CORE LABORATORIES INC. E AND C DEPT.

JUN 1971

COUNTY : PH - HUNT WELL ID NO. : 2815 ELEVATION : 575 TOTAL DEPTH : 7921
 OPERATOR : SUN OIL CO. WELL : NO.1 T.L. MARRY
 LOCATION : 1950 FSWL, 1000 FSL SEC: TNSP : RNG : SUR : CALOWAY DAVIS A-227

FORMATION	TOP		BASE		NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
	DEPTH	SUB-SEA	DEPTH	SUB-SEA				
TAYLOR GP	0	575	1481	- 906	----	1481	SH, MRL, SD	SUR
AUSTIN GP	1481	- 906	1817	- 1242	----	336	MRL, CHK	
EAGLE FORD GP	1817	- 1242	2355	- 1780	30	538	SH, SD	
WOODBINE GP	2355	- 1780	2960	- 2385	130	605	SH, SD	
WASHITA GP	2960	- 2385	3618	- 3043	----	658	LS, SH	
GOODLAND FM	3647	- 3172	3699	- 3124	----	52	LS	
PALUXY FM	3699	- 3124	4080	- 3505	185	381	SD, SH,	
UPPER GLEN ROSE FM	4025	- 3450	4720	- 4145	----	695	LS, SH, ANHY	
LOWER GLEN ROSE FM	4720	- 4145	5134	- 4559	240	414	LS, SH	
TRAVIS PEAK FM	5134	- 4559	6010	- 5435	560	876	SD, SH, LS	EST
COTTON VALLEY GP	6010	- 5435	7193	- 6618	465	1183	SD, SH, LS	
BUCKNER FM	7193	- 6618	7740	- 7165	----	547	SH, ANHY	
SHACKOVER FM	7740	- 7165	7921	- 7346	----		LS, DOL	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET

CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : PH - HUNT WELL ID NO. : 2B16 ELEVATION : 593 TOTAL DEPTH : 9488
 OPERATOR : EDWIN L. COX WELL : NO.1 W.O. HILL
 LOCATION : 514 FEL, 1612 FSL SEC: TNSP : RNG : SUR : JAMES COLE A-152

FORMATION	TOP		BASE		NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
	DEPTH	SUB-SEA	DEPTH	SUB-SEA				
NAVARRO GP	0	593	740	- 147	----	740	SH, SD	SUR
TAYLOR GP	740	- 147	2575	- 1982	----	1835	SH, MRL, SD	ABV
AUSTIN GP	2575	- 1982	2815	- 2222	----	240	MRL, CHK	
EAGLE FORD GP	2815	- 2222	2960	- 2367	0	145	SH, SD	FLT
WOODBINE GP	2960	- 2367	3615	- 3022	220	655	SH, SD	
WASHITA GP	3615	- 3022	4350	- 3757	----	735	LS, SH	
GOODLAND FM	4380	- 3787	4460	- 3867	----	80	LS	
PALUXY FM	4460	- 3867	4880	- 4287	235	420	SD, SH, LS	
UPPER GLEN ROSE FM	4880	- 4287	5640	- 5047	25	760	LS, SH	
LOWER GLEN ROSE FM	5640	- 5047	6057	- 5464	175	417	LS, SH, SD	
TRAVIS PEAK FM	6057	- 5464	7160	- 6567	710	1103	SD, SH, LS	
COTTON VALLEY GP	7160	- 6567	8697	- 8104	690	1537	SD, SH, LS	
BUCKNER FM	8697	- 8104	9155	- 8562	----	458	SH, ANHY	
SMACKOVER FM	9155	- 8562	9488	- 8895	----		LS, DOL	TD

REMARKS
 700 FT. F/O AT 2815 (-2222)

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : RA - KAUFMAN WELL ID NO. : 1B3 ELEVATION : 567 TOTAL DEPTH : 10065
 OPERATOR : SCHNEIDER AND MURRAY WELL : NO.1 J.B. JONES ESTATE
 LOCATION : 3900 FNWL, 2300 FNEL SEC: TNSP : RNG : SUR : EZEKIEL ABLES A-6

FORMATION	DEPTH	TOP SUB-SEA	DEPTH	BASE SUB-SEA	NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
MIDWAY GP	0	567	505	62	----	505	SD, SH	SUR
NAVARRO GP	505	62	1005	- 438	30	500	SD, SH	
TAYLOR GP	1005	- 438	2515	- 1948	----	1510	SH, MRL, SD	
AUSTIN GP	2515	- 1948	3055	- 2488	----	540	MRL, CHK	
EAGLE FORD GP	3055	- 2488	3680	- 3113	29	625	SH, SD	
WOODBINE GP	3680	- 3113	4390	- 3823	255	710	SD, SH	
WASHITA GP	4390	- 3823	5300	- 4733	----	910	LS, SH	
GOODLAND LS	5355	- 4788	5458	- 4891	----	103	LS	
PALUXY FM	5458	- 4891	5458	- 4891	----	0		FLT
UPPER GLEN ROSE FM	5458	- 4891	6030	- 5463	----	572	LS, SH, ANHY	FLT
LOWER GLEN ROSE FM	6030	- 5463	6505	- 5938	150	475	LS, SH	
TRAVIS PEAK FM	6505	- 5938	7745	- 7178	540	1240	SD, SH, LS	
COTTON VALLEY GP	7745	- 7178	9220	- 8653	590	1475	SD, SH, LS	EST
BUCKNER FM	9220	- 8653	9840	- 9273	----	620	SH, ANHY	
SMACKOVER FM	9840	- 9273	10065	- 9498	----		LS, DOL	TD

REMARKS
 920 FT. F/O AT 5458 (-4891)

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET
 CORE LABORATORIES INC. E AND C DEPT.

JUN 1971

COUNTY : RA - KAUFMAN WELL ID NO. : 185 ELEVATION : 510 TOTAL DEPTH : 10405
 OPERATOR : TXL OIL CO. WELL : NO.1 A. LISTON
 LOCATION : 7400 FNEL, 4300 FNWL SEC: TNSP : RNG : SUR : JUAN GONZALES A-169

FORMATION	TOP		BASE		NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
	DEPTH	SUB-SEA	DEPTH	SUB-SEA				
MIDWAY GP	0	510	405	105	----	405	SD, SH	SUR
NAVARRO GP	405	105	882	- 372	25	477	SD, SH	
TAYLOR GP	882	- 372	2335	- 1825	----	1453	SH, MRL, SD	
AUSTIN GP	2335	- 1825	2855	- 2345	----	520	MRL, CHK	
EAGLE FORD GP	2855	- 2345	3193	- 2683	18	338	SH, SD	
WOODBINE GP	3193	- 2683	3791	- 3281	240	598	SD, SH	
WASHITA GP	3791	- 3281	4582	- 4072	----	791	LS, SH	
GOODLAND FM	4640	- 4130	4713	- 4203	----	73	LS	
PALUXY FM	4713	- 4203	5075	- 4565	135	362	SD, SH, LS	
UPPER GLEN ROSE FM	5075	- 4565	5998	- 5488	----	923	LS, SH, ANHY	
LOWER GLEN ROSE FM	5998	- 5488	6445	- 5935	175	447	LS, SH	
TRAVIS PEAK FM	6445	- 5935	7710	- 7200	540	1265	SD, SH, LS	
COTTON VALLEY GP	7710	- 7200	9392	- 8882	545	1682	SD, SH, LS	EST
BUCKNER FM	9392	- 8882	9992	- 9482	----	600	SH, LS, ANHY	EST
SMACKOVER FM	9992	- 9482	10405	- 9895	----		LS, DOL	TD

REMARKS
 235 FT. F/O AT 3084 (-2576)

TFXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : RA - KAUFMAN WELL ID NO. : 186 ELEVATION : 445 TOTAL DEPTH : 9820
 OPERATOR : BRITISH AM. OIL PROD. WELL : NO.1 G. HECKER ESTATE
 LOCATION : 2050 FSL, 660 FEL SEC: TNSP : RNG : SUR : JOHN DAVENPORT A-133

FORMATION	TOP		BASE		NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
	DEPTH	SUB-SEA	DEPTH	SUB-SEA				
MIDWAY GP	0	445	320	125	----	320	SD, SH	SUR
NAVARRO GP	320	125	720	- 275	8	400	SD, SH	
TAYLOR GP	720	- 275	2183	- 1738	----	1463	SH, MRL, SD	
AUSTIN GP	2183	- 1738	2670	- 2225	----	487	MRL, CHK	
EAGLE FORD GP	2670	- 2225	3107	- 2662	8	437	SH, SD	
WOODBINE GP	3107	- 2662	3740	- 3295	140	633	SD, SH	
WASHITA GP	3740	- 3295	4498	- 4053	----	758	LS, SH	
GOODLAND FM	4550	- 4105	4645	- 4200	----	95	LS	
PALUXY FM	4645	- 4200	4960	- 4515	75	315	SD, SH, LS	
UPPER GLEN ROSE FM	4960	- 4515	5910	- 5465	----	950	LS, SH, ANHY	
LOWER GLEN ROSE FM	5910	- 5465	6158	- 5713	80	248	LS, SH	
BEXAR FM	6158	- 5713	6168	- 5723	----	10	SH	EQV
JAMES FM	6168	- 5723	6235	- 5790	10	67	LS	EQV
PINE ISLAND FM	6235	- 5790	6314	- 5869	----	79	SH	EST
PETTET-TRAVIS PEAK FM	6314	- 5869	7580	- 7135	560	1266	SD, SH, LS	
COTTON VALLEY GP	7580	- 7135	9120	- 8675	640	1540	SD, SH, LS	
COTTON VALLEY LIME	8949	- 8504	9120	- 8675	----	171	LS	
BUCKNER FM	9120	- 8675	9760	- 9315	----	640	SH, ANHY, LS	
SMACKOVER FM	9760	- 9315	9820	- 9375	----		LS, DOLO	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : RA - KAUFMAN WELL ID NO. : 1B8 ELEVATION : 542 TOTAL DEPTH : 4660
 OPERATOR : ROCKWALL EXPL. CO. WELL : NO.1 M. WALLACE
 LOCATION : 1200 FNEL, 740 FSEL SEC: TNSP : RNG : SUR : DAVID HARRIS A-199

FORMATION	TOP		BASE		NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
	DEPTH	SUB-SEA	DEPTH	SUB-SEA				
TAYLOR GP	0	542	1300	- 758	----	1300	SH, MRL, SD	SUR
AUSTIN GP	1300	- 758	1930	- 1388	----	630	MRL, CHK	
EAGLE FORD GP	1930	- 1388	2420	- 1878	7	490	SH, SD, LS	
WOODBINE GP	2420	- 1878	3017	- 2475	200	597	SD, SH	
WASHITA GP	3017	- 2475	3660	- 3118	----	643	LS, SH	
GOODLAND FM	3705	- 3163	3775	- 3233	----	70	LS	
PALUXY FM	3775	- 3233	4140	- 3598	160	365	SD, SH, LS	
UPPER GLEN ROSE FM	4140	- 3598	4660	- 4118	----		LS, SH, ANHY	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : RA - KAUFMAN WELL ID NO. : 4A3 ELEVATION : 376 TOTAL DEPTH : 10700
 OPERATOR : HUMBLE OIL AND REF. WELL : NO.1 T.E. SMALLWOOD
 LOCATION : 330 FNL, 1474 FWL SEC : TNSP : RNG : SUR : EDWARD FITZGERALD

FORMATION	DEPTH	TOP SUB-SEA	DEPTH	BASE SUB-SEA	NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
MIDWAY GP	0	376	700	- 324	0	700	SH, SDY SH	SUR
NAVARRO GP	700	- 324	1365	- 989	3	665	SH, SDY SH	
TAYLOR GP	1365	- 989	2520	- 2144	----	1155	SH, MRL	
AUSTIN GP	2520	- 2144	3000	- 2624	----	480	CHK	
EAGLE FORD GP	3000	- 2624	3457	- 3081	22	457	SH, SD	
WOODBINE GP	3457	- 3081	4170	- 3794	245	713	SH, SD	
WASHITA GP	4170	- 3794	5060	- 4684	----	890	LS, SH	
GOODLAND FM	5122	- 4746	5260	- 4884	----	138	LS	
PALUXY FM	5260	- 4884	5543	- 5167	95	283	SD, SH, LS	
UPPER GLEN ROSE FM	5543	- 5167	6756	- 6380	----	1213	LS, SH, ANHY	
LOWER GLEN ROSE FM	6756	- 6380	7040	- 6664	85	284	LS, SH	
BEXAR FM	7040	- 6664	7068	- 6692	----	28		
JAMES FM	7068	- 6692	7172	- 6796	25	104		
PETTET-TRAVIS PEAK	7325	- 6949	8565	- 8189	390+	1240	SD, SH, LS	
COTTON VALLEY GP	8565	- 8189	9900	- 9524	300+	1335	SD, SH, LS	FLT
COTTON VALLEY LIME	9550	- 9174	9900	- 9524	----	350	LS	
BUCKNER FM	9900	- 9524	10260	- 9884	----	360	ANHY	
SMACKOVER FM	10260	- 9884	10700	-10324	----		LS, DOL	TD

REMARKS
 700 FT. F/O AT 8565 (-8189)

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : RT - LAMAR WELL ID NO. : 2A4 ELEVATION : 460 TOTAL DEPTH : 2577
 OPERATOR : D.W. SHELTON WELL : NO.1 WESTBROOK
 LOCATION : 1800 FEL, 832 FNL SEC: TNSP : RNG : SUR : W.S. ROGERS

FORMATION	TOP		BASE		NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
	DEPTH	SUB-SEA	DEPTH	SUB-SEA				
TAYLOR GP	0	460	805	- 345	----	805	SH, MRL, SD	SUR
AUSTIN GP	805	- 345	1070	- 610	----	265	MRL, CHK	
EAGLE FORD GP	1070	- 610	1490	- 1030	75	420	SH, SD	
WOODBINE GP	1490	- 1030	1930	- 1470	40	440	SH, SD	
WASHITA GP	1930	- 1470	2450	- 1990	----	520	LS, SH	
GOODLAND FM	2475	- 2015	2495	- 2035	----	20	LS	
PALUXY FM	2495	- 2035	2577	- 2117	50+		SD, SH, LS	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET
 CORE LABORATORIES INC. E AND C DEPT.

JUN 1971

COUNTY : RT - LAMAR WELL ID NO. : 2A6 ELEVATION : 534 TOTAL DEPTH : 2338
 OPERATOR : JOHN B. STEPHENS WELL : NO.1 HOLLIS TIDWELL
 LOCATION : 330 FSL, 330 FEL SEC: TNSP : RNG : SUR : MEP AND P RR CO.

FORMATION	TOP		BASE		NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
	DEPTH	SUB-SEA	DEPTH	SUB-SEA				
TAYLOR GP	0	534	94	440	----	94	SH, MRL	SUR
AUSTIN GP	94	440	409	125	----	315	MRL, CHK	
EAGLE FORD GP	409	125	750	- 216	50	341	SH, SD	
WOODBINE GP	750	- 216	1187	- 653	55	437	SH, SD	
WASHITA GP	1187	- 653	1630	- 1096	----	443	LS, SH	
GOODLAND FM	1660	- 1126	1670	- 1136	----	10	LS	
PALUXY FM	1670	- 1136	2022	- 1488	190	352	SD, SH	
UPPER GLEN ROSE	2022	- 1488	2338	- 1804	55+		LS, SH, SU	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : RT - LAMAR WELL ID NO. : 2A8 ELEVATION : 491 TOTAL DEPTH : 2002

OPERATOR : J.R. GILL, JR. ET AL WELL : NO. 1 W. J. TURNER

LOCATION : 330 FNL, 330 FEL OF LSE SEC: TNSP : RNG : SUR : T.G. WRIGHT

FORMATION	DEPTH	TOP SUB-SEA	DEPTH	BASE SUB-SEA	NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
EAGLE FORD GP	0	491	110	381	0	110	SH	
WOODBINE GP	110	381	508	- 17	30	398	SH, SD	
WASHITA GP	508	- 17	890	- 399	----	382	LS, SH	
GOODLAND FM	913	- 422	934	- 443	----	21	LS	
PALUXY FM	934	- 443	1320	- 829	205	386	SD, SH	
UPPER GLEN ROSE FM	1320	- 829	1575	- 1084	90	255	LS, SH, SD	EQV
LOWER GLEN ROSE FM	1575	- 1084	1795	- 1304	100	220	LS, SH	EQV
TRAVIS PEAK FM	1795	- 1304	1891	- 1400	----	96	SD, SH	EQV
OUACHITA FACIES	1891	- 1400	2002	- 1511	----			TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : RT - LAMAR WELL ID NO. : 2A9 ELEVATION : 549 TOTAL DEPTH : 3020
 OPERATOR : FRED JONES WELL : NO.1 J.C. GAMBILL
 LOCATION : 330 FNSL, 1300 FWL SEC : TNSP : RNG : SUR : A.W. WRIGHT

FORMATION	DEPTH	TOP SUB-SEA	DEPTH	BASE SUB-SEA	NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
TAYLOR-AUSTIN GP	0	549	282	267	----	282	MRL, SH	SUR
AUSTIN (ECTOR)	200	349	282	267	----	82	CHK	ABV
EAGLE FORD GP	282	267	750	- 201	25	468	SH, SD	
WOODBINE GP	750	- 201	1155	- 606	65	405	SH, SD	
WASHITA GP	1155	- 606	1600	- 1051	----	445	LS, SH	
GOODLAND FM	1635	- 1086	1648	- 1099	----	13	LS	
PALUXY FM	1648	- 1099	1990	- 1441	200	342	SD, SH	
UPPER GLEN ROSE FM	1990	- 1441	2385	- 1836	45	395	SD, SH, ANHY	EQV
LOWER GLEN ROSE FM	2385	- 1836	2728	- 2179	195	343	LS, SH	EQV
TRAVIS PEAK FM	2728	- 2179	2939	- 2390	170	211	SD, SH	
OUACHITA FACIES	2939	- 2390	3020	- 2471	----			TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET

CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : RT - LAMAR WELL ID NO. : 2A12 ELEVATION : 510 TOTAL DEPTH : 2862
 OPERATOR : ATLANTIC REF. WELL : NO.1 LAMAR ST. BANK - FEE B
 LOCATION : 1980 FNL, 330 FEL SEC: TNSP : RNG : SUR : DEMPSEY BROWN

FORMATION	DEPTH	TOP SUB-SEA	DEPTH	BASE SUB-SEA	NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
EAGLE FORD GP	0	510	225	285	0	225	SH	SUR
WOODBINE GP	225	285	705	- 195	100	480	SH, SD	ABV
WASHITA GP	705	- 195	1168	- 658	----	463	LS, SH	ABV
GOODLAND FM	1200	- 690	1213	- 703	----	13	LS	
PALUXY FM	1213	- 703	1550	- 1040	190	337	SD, SH, LS	
UPPER GLEN ROSE FM	1550	- 1040	1900	- 1390	130	350	LS, SH, SD	
LOWER GLEN ROSE FM	1900	- 1390	2153	- 1643	130	253	LS, SH	EQV
TRAVIS PEAK FM	2153	- 1643	2298	- 1788	100	145	SD, SH	
OUACHITA FACIES	2298	- 1788	2862	- 2352	----			TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET

CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : RZ - LEE WELL ID NO. : 15801 ELEVATION : 397 TOTAL DEPTH : 16470

OPERATOR : PAN AMERICAN PETR CO. WELL : NO.1 WILLIE MATEJCEK

LOCATION : SEC : TNSP : RNG : SUR : JOSEPH F. JOHNSON A-174

FORMATION	TOP		BASE		NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
	DEPTH	SUB-SEA	DEPTH	SUB-SEA				
CARRIZO-WILCOX SD	82	315	3260	- 2863	0	3178		
CARRIZO-WILCOX GP	130	267	3269	- 2872	1340	3139	SD, SH	
AUSTIN GP	5930	- 5533	6668	- 6271	----	738	CHK, MRL	
EAGLE FORD GP	6668	- 6271	6840	- 6443	----	172	SH, SHY LS	
WASHITA GP	6840	- 6443	7280	- 6883	----	440	LS, SH	
EDWARDS	7280	- 6883	7795	- 7398	205	515	LS, DOL	
GLEN ROSE FM	7795	- 7398	9255	- 8858	----	1460	LS, DOL	
PEARSALL FM	9255	- 8858	9595	- 9198	----	340	SH, LS	
SLIGO-HOSSTON FMS	9595	- 9198	11815	-11418	----	2220	LS, SH, SD	

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET
 CORE LABORATORIES INC. E AND C DEPT.

JUN 1971

COUNTY : RZ - LEE WELL ID NO. : 15B03 ELEVATION : 461 TOTAL DEPTH : 10520
 OPERATOR : FOREST OIL CORP. WELL : J.W. DURRENBERGER
 LOCATION : 760 FNEL, 1600 FSEL SEC: TNSP : RNG : SUR : J.W. ANDREWS A-24

FORMATION	TOP		BASE		NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
	DEPTH	SUB-SEA	DEPTH	SUB-SEA				
CARRIZO-WILCOX SD	2570	- 2109	6255	- 5794	1300	3685	SD, SH	
AUSTIN GP	9125	- 8664	9855	- 9394	-----	730	CHK, MRL	
EAGLE FORD GP	9855	- 9394	10000	- 9539	-----	145	SH, SHY LS	
WASHITA GP	10000	- 9539	10318	- 9857	-----	318	LS, SH	
EDWARDS FM	10318	- 9857	10520	-10059	-----		LS, DOL	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET

CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : RZ - LEE WELL ID NO. : 19802 ELEVATION : 533 TOTAL DEPTH : 6796

OPERATOR : SKELLY, SUNRAY MIDCT. WELL : NO.1 ELVA CORNELL

LOCATION : 660 FNEL, 660 FNWL SEC: TNSP : RNG : SUR : ALBERT NANCE

FORMATION	TOP		BASE		NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
	DEPTH	SUB-SEA	DEPTH	SUB-SEA				
AUSTIN GP	2780	- 2247	3062	- 2529	----	282	CHK, MRL	
EAGLE FORD GP	3062	- 2529	3080	- 2547	----	18	SH, SHY LS	
WASHITA GP	3080	- 2547	3341	- 2808	----	261	LS, SH	
EDWARDS FM	3353	- 2820	3717	- 3184	220	364	LS, DOL	
GLEN ROSE FM	3717	- 3184	4800	- 4267	----	1083	LS, DOL	FLT
PEARSALL FM	4800	- 4267	4920	- 4387	----	120	SH, LS	
SLIGO-HOSSTON FMS	4920	- 4387	6610	- 6077	----	1690	LS, SD, SH	
OUACHITA FACIES*	6610	- 6077	6796	- 6263	----			TD

REMARKS
150 FT F/O AT 3717

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET

CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : RZ - LEE WELL ID NO. : 19B03 ELEVATION : 420 TOTAL DEPTH : 10016

OPERATOR : L.M. LOCKHART WELL : NO.1 J.A. REAT

LOCATION : 2200 FSEL, 330 FNEL SEC: TNSP : RNG : SUR : JOHN NEWTON

FORMATION	TOP		BASE		NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
	DEPTH	SUB-SEA	DEPTH	SUB-SEA				
CARRIZO-WILCOX SD	500	- 80	2970	- 2550	200+	2470		ABV
AUSTIN GP	5536	- 5116	5810	- 5390	----	274	CHK, MRL	
EAGLE FORD GP	5810	- 5390	5830	- 5410	----	20	SH, SHY LS	
WASHITA GP	5830	- 10	6048	- 5628	----	218	LS, SH	FLT
EDWARDS FM	6080	- 5660	6610	- 6190	185	530	LS, DOL	
GLEN ROSE FM	6610	- 6190	7540	- 7120	----	930	LS, DOL	FLT
PEARSALL FM	7540	- 7120	7696	- 7276	----	156	SH, LS	
SLIGO-HOSSTON FMS	7696	- 7276	10016	- 9596	----		LS, SH, SD	TD

REMARKS

180 FT. F/O AT 5830, 180 FT. F/O AT 6610

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : SA - LEON WELL ID NO. : 4C10 ELEVATION : 418 TOTAL DEPTH : 10058
 OPERATOR : SUN OIL CO. WELL : NO.1 T.E. HARCROW
 LOCATION : 1593 FSWL, 467 FSNL SEC: TNSP : RNG : SUR : W.S. JOHNSON

FORMATION	DEPTH	TOP SUB-SEA	DEPTH	BASE SUB-SEA	NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
WILCOX GP	0	418	2540	- 2122	----	2540	SD, SH	
MIDWAY GP	2540	- 2122	3230	- 2812	0	690	SH, SDY SH	
NAVARRO GP	3230	- 2812	3872	- 3454	0	642	SH, SDY SH	
TAYLOR GP	3872	- 3454	5342	- 4924	----	1470	SH, MRL	
AUSTIN GP	5342	- 4924	5689	- 5271	----	347	CHK	
EAGLE FORD GP	5689	- 5271	5980	- 5562	8	291	SH, SD	
WOODBINE GP	5980	- 5562	6555	- 6137	50	575	SH, SD	
WASHITA GP	6555	- 6137	7275	- 6857	----	720	LS, SH	
GOODLAND-WALNUT FMS	7312	- 6894	7940	- 7522	----	628	LS, MRL	
UPPER GLEN ROSE FM	7940	- 7522	9271	- 8853	----	1331	LS, SH, ANHY	
LOWER GLEN ROSE FM	9271	- 8853	9630	- 9212	40	359	LS, SH, SD	
BEXAR FM	9630	- 9212	9758	- 9340	----	128	SH	
JAMES FM	9758	- 9340	9865	- 9447	0	107	LS	
SLIGO FM	9935	- 9517	10058	- 9640	30		LS, SD, SH	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : SA - LEON WELL ID NO. : 4C22 ELEVATION : 468 TOTAL DEPTH : 9579
 OPERATOR : JAMES PAPADAKIS WELL : NO.1 BASS BROTHERS
 LOCATION : 660 FSL, 2300 FSWL SEC: TNSP : RNG : SUR : FRANK M. DAVIS A-1287

FORMATION	TOP		BASE		NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
	DEPTH	SUB-SEA	DEPTH	SUB-SEA				
CARRIZO-WILCOX SD	0	468	3120	- 2652	0	3120	SD, SH	ABV
MIDWAY GP	3120	- 2652	3970	- 3502	5	850	SH, SD	
NAVARRO GP	3970	- 3502	4630	- 4162	0	660	SH	
TAYLOR GP	4630	- 4162	5970	- 5502	----	1340	SH, MRL	
AUSTIN GP	5970	- 5502	6281	- 5813	----	311	CHK	
EAGLE FORD GP	6281	- 5813	6570	- 6102	0	289	SH, SDY SH	
WOODBINE GP	6570	- 6102	7060	- 6592	0	490	SH, SDY SH	EQV
WASHITA GP	7060	- 6592	7670	- 7202	----	610	LS, SH	
GOODLAND-WALNUT FMS	7690	- 7222	8402	- 7934	----	712	LS, MRL	
UPPER GLEN ROSE FM	8402	- 7934	9579	- 9111	----		LS, SH	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : SA - LEON WELL ID NO. : 5B15 ELEVATION : 297 TOTAL DEPTH : 10480
 OPERATOR : CARTER-GRAGG OIL CO. WELL : NO.2 CARTER
 LOCATION : 550 FSEL, 550 FSWL SEC: TNSP : RNG : SUR : R.M. LITTLE A-511

FORMATION	DEPTH	TOP SUB-SEA	DEPTH	BASE SUB-SEA	NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
CLAIBORNE GP	0	297	1100	- 803	----	1100	SD, SH	SUR
WILCOX GP	1100	- 803	2230	- 1933	----	1130	SH, SD	ABV
MIDWAY GP	2230	- 1933	3265	- 2968	0	1035	SH	
NAVARRO GP	3265	- 2968	3880	- 3583	0	615	SH, SDY SH	
TAYLOR GP	3880	- 3583	5123	- 4826	----	1243	SH, MRL	
AUSTIN GP	5123	- 4826	5427	- 5130	----	304	CHK	
EAGLE FORD GP	5427	- 5130	5700	- 5403	25	273	SH, SD	TRC
WOODBINE GP	5700	- 5403	6400	- 6103	165	700	SD, SH	
WASHITA GP	6400	- 6103	7140	- 6843	----	740	LS, SH	
GOODLAND-WALNUT FMS	7190	- 6893	7830	- 7533	----	640	LS, MRL, SH	
UPPER GLEN ROSE FM	7830	- 7533	9372	- 9075	----	1542	LS, SH, ANHY	
LOWER GLEN ROSE FM	9372	- 9075	9790	- 9493	70	418	LS, SH	
BEXAR SH	9790	- 9493	9860	- 9563	----	70	SH, LS	EQV
JAMES FM	9860	- 9563	9995	- 9698	0	135	LS	
PETTET-TRAVIS PLAK	10080	- 9783	10480	-10183	30+		SD, SH, LS	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : SA - LEON WELL ID NO. : 5C5 ELEVATION : 421 TOTAL DEPTH : 10295
 OPERATOR : LONE STAR PROD. CO. WELL : NO. C-1 PAGE EST.
 LOCATION : 800 FSL, 830 FEL SEC: TNSP : RNG : SUR : H.J. PAGE

FORMATION	TOP		BASE		NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
	DEPTH	SUB-SEA	DEPTH	SUB-SEA				
CLAIBORNE GP	0	421	460	- 39	----	460	SD, SH	SUR
CARRIZO-WILCOX SD	240	181	2410	- 1989	0	2170	SD, SH	
MIDWAY GP	2410	- 1989	3405	- 2984	----	995	SH, SD	
NAVARRO GP	3405	- 2984	3950	- 3529	0	545	SH, SDY SH	
TAYLOR GP	3950	- 3529	5130	- 4709	----	1180	SH, MRL	
AUSTIN GP	5130	- 4709	5363	- 4942	----	233	CHK	
EAGLE FORD GP	5363	- 4942	5530	- 5109	0	167	SH	TRC
WOODBINE GP	5530	- 5109	6075	- 5654	17	545	SH, SD	
WASHITA GP	6075	- 5654	6715	- 6294	----	640	LS, SH	
GOODLAND-WALNUT FMS	6750	- 6329	7390	- 6969	----	640	LS, MRL, SH	
UPPER GLEN ROSE FM	7390	- 6969	8790	- 8369	----	1400	LS, SH, ANHY	FLT
LOWER GLEN ROSE FM	8790	- 8369	9190	- 8769	45	400	LS, SH	
BEXAR FM	9190	- 8769	9316	- 8895	----	126	SH, LS	EQV
JAMES FM	9316	- 8895	9430	- 9009	0	114	LS	
PETTET-TRAVIS PEAK	9507	- 9086	10295	- 9874	100+		LS, SD, SH	TD

REMARKS
 SOUTH BUFFALO FIELD 50 FT F/O A1 7390 (-6973)

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : SD - LIMESTONE WELL ID NO. : 489 ELEVATION : 546 TOTAL DEPTH : 5999
 OPERATOR : TEXAS CO. WELL : NO.1 W.A. KEELING, ET AL
 LOCATION : 2300 FSWL, 2000 FSEL SEC: TNSP : RNG : SUR : WHITAKER

FORMATION	DEPTH	TOP SUB-SFA	DEPTH	BASE SUB-SEA	NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
TAYLOR GP	0	546	1450	- 904	----	1450	SH, MRL	SUR
AUSTIN GP	1450	- 904	1770	- 1224	----	320	CHK	
EAGLE FORD GP	1770	- 1224	2045	- 1499	12	275	SH, SD	
WOODBINE GP	2045	- 1499	2200	- 1654	25	155	SH, SD	EQV
WASHITA GP	2200	- 1654	2604	- 2058	----	404	LS, SH	
GOODLAND-WALNUT FMS	2630	- 2084	2998	- 2452	----	368	LS, SH	
UPPER GLEN ROSE FM	2998	- 2452	3811	- 3265	----	813	LS, SH, ANHY	
LOWER GLEN ROSE FM	3811	- 3265	4005	- 3459	25	194	LS, SH	
BEXAR FM	4005	- 3459	4040	- 3494	----	35	SH	
JAMES FM	4040	- 3494	4070	- 3524	0	30	LS	
PETTET-TRAVIS PEAK	4105	- 3559	5130	- 4584	370	1025	SD, SH, LS	
COTTON VALLEY GP	5130	- 4584	5648	- 5102	60	518	SD, SH	EST
COTTON VALLEY LIME	5490	- 4944	5648	- 5102	----	158	LS	
BUCKNER FM	5648	- 5102	5720	- 5174	----	72	SH, ANHY	
SMACKOVER FM	5720	- 5174	5895	- 5349	----	175	LS, DOL	
EAGLE MILLS GP	5895	- 5349	5993	- 5447	----	98	SD, SH	
PALEOZOIC	5993	- 5447	5999	- 5453	----			TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET

CORE LABORATORIES INC. E AND C DEPT.

JUN 1971

COUNTY : SD - LIMESTONE WELL ID NO. : 4813 ELEVATION : 495 TOTAL DEPTH : 7103

OPERATOR : W.W. WISE DRLG. CO. WELL : NO.1 W.T. LATTNER

LOCATION : 660 FSWL, 7500 FSEL SEC: TNSP : RNG : SUR : ANN COX

FORMATION	DEPTH	TOP SUB-SEA	DEPTH	BASE SUB-SEA	NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
NAVARRO GP	0	495	507	- 12	0	507	SD, SHY SD	SUR
TAYLOR GP	507	- 12	1870	- 1375	----	1363	SH, MRL	
AUSTIN GP	1870	- 1375	2047	- 1552	----	177	CHK	FLT
EAGLE FORD GP	2047	- 1552	2323	- 1828	0	276	SH, SDY SH	
WOODBINE GP	2323	- 1828	2480	- 1985	0	157	SH, SHY SD	EQV
WASHITA GP	2480	- 1985	2880	- 2385	----	400	LS, SH	
GOODLAND-WALNUT FMS	2904	- 2409	3310	- 2815	----	406	LS, MRL	
UPPER GLEN ROSE FM	3310	- 2815	4165	- 3670	----	855	LS, SH, ANHY	
LOWER GLEN ROSE FM	4165	- 3670	4375	- 3880	45	210	LS, SH	
BEXAR FM	4375	- 3880	4409	- 3914	----	34	SH	
JAMES FM	4409	- 3914	4432	- 3937	0	23	LS, SH	
PETTET-TRAVIS PLAK	4485	- 3990	5682	- 5187	390	1197	SD, SH, LS	
COTTON VALLEY GP	5682	- 5187	6770	- 6275	190	1088	SD, SH, LS	EST
BUCKNER FM	6770	- 6275	6840	- 6345	----	70	SH	
SMACKOVER FM	6840	- 6345	7103	- 6608	----		LS, DOL	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : SD - LIMESTONE WELL ID NO. : 4B15 ELEVATION : 415 TOTAL DEPTH : 11367
 OPERATOR : AUSTRAL OIL CO. WELL : NO.1 J.F. JACKSON
 LOCATION : 7200 FSEL, 37400 FSWL SEC: TNSP : RNG : SUR : J.A. ACOSTA A-1

FORMATION	TOP		BASE		NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
	DEPTH	SUB-SEA	DEPTH	SUB-SEA				
WILCOX GP	0	415	665	- 250	0	665	SH, SDY SH	SUR
MIDWAY GP	665	- 250	1100	- 685	0	435	SH, SDY SH	
NAVARRO GP	1100	- 685	2260	- 1845	5	1160	SH	
TAYLOR GP	2260	- 1845	2935	- 2520	----	675	SH, MRL	
AUSTIN GP	2935	- 2520	3405	- 2990	----	470	CHK	
EAGLE FORD GP	3405	- 2990	3793	- 3378	10	388	SH, SD	
WOODBINE GP	3793	- 3378	4000	- 3585	15	207	SH, SD	
WASHITA GP	4000	- 3585	4650	- 4235	----	650	LS, SH	
GOODLAND-WALNUT FMS	4690	- 4275	5210	- 4795	----	520	LS	
UPPER GLEN ROSE FM	5210	- 4795	6290	- 5875	----	1080	LS, SH, ANHY	
LOWER GLEN ROSE FM	6290	- 5875	6561	- 6146	55	271	LS, SH	
BEXAR FM	6561	- 6146	6610	- 6195	----	49	SH	
JAMES FM	6610	- 6195	6670	- 6255	0	60	LS	
PETTET-TRAVIS PEAK	6730	- 6315	8760	- 8345	910	2030	SD, SH, LS	
COTTON VALLEY GP	8760	- 8345	10640	- 10225	240	1880	SD, SH, LS	EST
COTTON VALLEY LIME	10205	- 9790	10640	- 10225	----	435	LS	
BUCKNER FM	10640	- 10225	11292	- 10877	----	652	SH, ANHY	
SMACKOVER FM	11292	- 10877	11367	- 10952	----		LS, OOL	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : SD - LIMESTONE WELL ID NO. : 4C2 ELEVATION : 463 TOTAL DEPTH : 7788
 OPERATOR : LONE STAR PROD. CO. WELL : NO.1 BILLY CRISWELL
 LOCATION : 810 FNEL, 2000 FSEL SEC: TNSP : RNG : SUR : THOMAS STEPHENS

FORMATION	TOP		BASE		NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
	DEPTH	SUB-SEA	DEPTH	SUB-SEA				
MIDWAY GP	0	463	248	215	----	248	SH	
NAVARRO GP	248	215	790	- 327	0	542	SH	
TAYLOR GP	790	- 327	2105	- 1642	----	1315	SH, MRL	
AUSTIN GP	2105	- 1642	2345	- 1882	----	240	CHK	
EAGLE FORD GP	2345	- 1882	2610	- 2147	10	265	SH	
WOODBINE GP	2610	- 2147	2730	- 2267	0	120	SH	
WASHITA GP	2730	- 2267	3120	- 2657	----	390	LS, SH	
GOODLAND-WALNUT FMS	3145	- 2682	3605	- 3142	----	460	LS	
UPPER GLEN ROSE FM	3605	- 3142	4483	- 4020	----	878	LS, SH, ANHY	
LOWER GLEN ROSE FM	4483	- 4020	4710	- 4247	35	227	LS, SH	
BEXAR FM	4710	- 4247	4745	- 4282	----	35	SH	
JAMES FM	4745	- 4282	4768	- 4305	0	23	LS, MRL	
PETTET-TRAVIS PEAK	4810	- 4347	6200	- 5737	550	1390	SD, SH, LS	
COTTON VALLEY GP	6200	- 5737	7700	- 7237	265	1500	SD, SH, LS	
BUCKNER FM	7700	- 7237	7768	- 7305	----	68	SH, ANHY	
SMACKOVER FM	7768	- 7305	7788	- 7325	----		LS, DOL	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET

CURE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : SD - LIMESTONE WELL ID NO. : 4CS ELEVATION : 475 TOTAL DEPTH : 7505
 OPERATOR : H.L. LONG WELL : NO.1 A.D. BATES ET AL
 LOCATION : 1000 FSEL, 1800 FSWL SEC : TNSP : RNG : SUR : HORATIO E. PIERCE A-453

FORMATION	TOP		BASE		NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
	DEPTH	SUB-SEA	DEPTH	SUB-SEA				
MIDWAY GP	0	475	1230	- 755	0	1230	SH, SDY SH	SUR
NAVARRO GP	1230	- 755	1890	- 1415	22	660	SH, SD	
TAYLOR GP	1890	- 1415	3155	- 2680	----	1265	SH, MRL	
AUSTIN GP	3155	- 2680	3580	- 3105	----	425	CHK	
EAGLE FORD GP	3580	- 3105	3942	- 3467	0	362	SH	
WOODBINE GP	3942	- 3467	4127	- 3652	12	185	SH, SD	
WASHITA GP	4127	- 3652	4645	- 4170	----	518	LS, SH	
GOODLAND-WALNUT FMS	4667	- 4192	5212	- 4737	----	545	LS, SH	
UPPER GLEN ROSE FM	5212	- 4737	6260	- 5785	----	1048	LS, SH, ANHY	
LOWER GLEN ROSE FM	6260	- 5785	6550	- 6075	50	290	LS, SH, SD	
BEXAR FM	6550	- 6075	6598	- 6123	----	48	SH, SDY SH	
JAMES FM	6598	- 6123	6655	- 6180	0	57	LS	
PETTET-TRAVIS PLAK	6714	- 6239	7505	- 7030	110+		SD, SH, LS	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : SD - LIMESTONE WELL ID NO. : 4C7 ELEVATION : 399 TOTAL DEPTH : 8604
 OPERATOR : THREE STATES NAT. GAS WELL : NO.1 JACOBY AND HARRIS
 LOCATION : 660 FSWL, 330 FSEL SEC: TNSP : RNG : SUR : MANUEL C. REJON

FORMATION	TOP		BASE		NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
	DEPTH	SUB-SEA	DEPTH	SUB-SEA				
WILCOX GP	0	399	1065	- 666	0	1065	SH, SDY SH	SUR
MIDWAY GP	1065	- 666	1890	- 1491	0	825	SH	
NAVARRO GP	1890	- 1491	2623	- 2224	3	733	SH, SD	
TAYLOR GP	2623	- 2224	4007	- 3608	----	1384	SH, MRL	
AUSTIN GP	4007	- 3608	4338	- 3939	----	331	CHK	
EAGLE FORD GP	4338	- 3939	4790	- 4391	5	452	SH, SD	
WOODBINE GP	4790	- 4391	5078	- 4679	3	288	SH, SDY SH	
WASHITA GP	5078	- 4679	5750	- 5351	----	672	LS, SH	
GOODLAND-WALNUT FMS	5788	- 5389	6410	- 6011	----	622	LS, SH, MRL	
UPPER GLEN ROSE FM	6410	- 6011	7640	- 7241	----	1230	LS, SH, ANHY	
LOWER GLEN ROSE FM	7640	- 7241	8035	- 7636	50	395	LS, SH	
BEXAR FM	8035	- 7636	8082	- 7683	----	47	SH	
JAMES FM	8082	- 7683	8172	- 7773	0	90	LS	
PETTET-TRAVIS PEAK	8230	- 7831	8604	- 8205	55+		SD, SH, LS	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET
 CORE LABORATORIES INC. E AND C DEPT.

JUN 1971

COUNTY : ST - MCLENNAN WELL ID NO. : 1 ELEVATION : 580 TOTAL DEPTH : 2671
 OPERATOR : DANILL OIL CO. WELL : NO.1 ELIZABETH W. ESTES
 LOCATION : SEC: TNSP : RNG : SUR : DUKE FAULKNER SUR

FORMATION	DEPTH	TOP SUB-SEA	DEPTH	BASE SUB-SEA	NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
CRETACEOUS-UNDIFF.	0	580	1745	- 1165	0	1745	SH,LS,SD	
OUACHITA FOLD SERIES	1745	- 1165	2671	- 2091	----		SH,SD,LS	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : ST - MCLENNAN WELL ID NO. : 2 ELEVATION : 695 TOTAL DEPTH : 2259
 OPERATOR : DELTA DRILLING CO. WELL : NO.1 C. HORSTMAN
 LOCATION : 2900 FSWL, 3700 FSEL SEC: TNSP : RNG : SUR : B.C. WALTERS

FORMATION	DEPTH	TOP SUB-SEA	DEPTH	BASE SUB-SEA	NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
CRETACEOUS-UNDIFF.	0	695	1120	- 425	0	1120	SH,LS,SD	
QUACHITA FOLD SERIES	1120	- 425	2259	- 1564	----		SH,SD,LS	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : ST - MCLENNAN WELL ID NO. : 3 ELEVATION : 570 TOTAL DEPTH : 3200
 OPERATOR : F.J. OSSENBECK WELL : NO.1 CHARLES BEZDEK
 LOCATION : SEC: TNSP : RNG : SUR : 12 MI. N. WACO

FORMATION	DEPTH	TOP SUB-SEA	DEPTH	BASE SUB-SEA	NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
CRETACEOUS-UNDIFF	0	570	1540	- 970	0	1540	SH,SD,LS	
OUACHITA FOLD SERIES	1540	- 970	3200	- 2630	----		SH,LS,SD	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET

CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : ST - MCLENNAN WELL ID NO. : 4 ELEVATION : 528 TOTAL DEPTH : 3129

OPERATOR : J.L. MYERS+SONS WFLL : NO.1 AXTELL CITY WATER WELL

LOCATION : SEC: TNSP : RNG : SUR : CITY OF AXTELL

FORMATION	DEPTH	TOP SUB-SEA	DEPTH	BASE SUB-SEA	NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
CRETACEOUS-UNDIFF.	0	528	3069	- 2541	0	3069	SH,LS,SD	
QUACHITA FOLD SERIES	3069	- 2541	3169	- 2641	0		SH,LS,SD	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET
 CORE LABORATORIES INC. E AND C DEPT.

JUN 1971

COUNTY : ST - MCLENNAN WELL ID NO. : 5 ELEVATION : 486 TOTAL DEPTH : 3697

OPERATOR : WACO OIL + REF. CO. WELL : NO.1 G.H. HARRINGTON

LOCATION : SEC: TNSP : RNG : SUR : M. MOORE SUR.

FORMATION	DEPTH	TOP SUB-SEA	DEPTH	BASE SUB-SEA	NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
CRETACEOUS-UNDIFF.	0	486	2600	- 2114	0	2600	SH,SD,LS	
OUACHITA FOLD SERIES	2600	- 2114	3697	- 3211	----		SH,SD	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : ST - MC LENNAN WELL ID NO. : 6 ELEVATION : 767 TOTAL DEPTH : 7585
 OPERATOR : FALCON OIL CO. WELL : NO. 1 MATILAGE
 LOCATION : 330 FSL, 330 FEL SEC : TNSP : RNG : SUR : E. C. WOODRUFF SUR.

FORMATION	TOP		BASE		NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
	DEPTH	SUB-SEA	DEPTH	SUB-SEA				
CRETACEOUS-UNDIFF.	0	767	1072	- 305	----	1072	SD,SH,LS	
STRAWN	1072	- 305	4300	- 3533	160	3228	SH,SD,LS	
BEND-ATOKA	4300	- 3533	6812	- 6045	140	2512	SH,LS,SD	
MISS.-BARNETT	6812	- 6045	6872	- 6105	0	60	SH	EST
ELLENBURGER	6872	- 6105	7585	- 6818	715+		LS,DOL	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : ST - MCLENNAN WELL ID NO. : Q40 ELEVATION : 639 TOTAL DEPTH : 2423
 OPERATOR : J.L. MYERS WELL : NO.1 HILLTOP WATER WELL
 LOCATION : SEC : TNSP : RNG : SUR : MARY JEWETT

FORMATION	DEPTH	TOP SUB-SEA	DEPTH	BASE SUB-SEA	NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
TAYLOR GP	0	639	132	507	----	132	SH	SUR
AUSTIN GP	132	507	400	239	----	268	CHK	
EAGLE FORD GP	400	239	669	- 30	0	269	SH	
WOODBINE GP	669	- 30	769	- 130	0	100	SH	
WASHITA GP	769	- 130	1010	- 371	----	241	LS, SH	
EDWARDS UNDIFF	1037	- 398	1332	- 693	----	295	LS, MRL	
PALUXY FM	1332	- 693	1355	- 716	3	23	SD, SH	
GLEN ROSE FM	1355	- 716	2045	- 1406	----	690	LS, SH, SD	
PEARSALL FM	2045	- 1406	2150	- 1511	----	105	SD, SH, LS	
SLIGO-HOUSTON	2150	- 1511	2423	- 1784	----		SD, SH, LS	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET

CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : ST - MCLENNAN WELL ID NO. : Q42 ELEVATION : 685 TOTAL DEPTH : 1186

OPERATOR : J.L. MYERS WELL : H.W. BASS

LOCATION : DELMAR RANCH SEC: TNSP : RNG : SUR : MIGUEL RABAGO

FORMATION	TOP		BASE		NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
	DEPTH	SUR-SEA	DEPTH	SUB-SEA				
GLEN ROSE FM	470	215	1015	- 330	----	545	LS, SH, SD	ABV
PEARSALL FM	1015	- 330	1090	- 405	----	75	SH, LS	
SLIGO-HOUSTON FMS	1090	- 405	1186	- 501	----		SD, SH, LS	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET
 CORE LABORATORIES INC. E AND C DEPT.

JUN 1971

COUNTY : ST - MCLENNAN WELL ID NO. : Q68 ELEVATION : 420 TOTAL DEPTH : 2210
 OPERATOR : J.L. MYERS WFLI : PURE MILK CO
 LOCATION : WACO, TEXAS SFC : TNSP : RNG : SUR : PETER FLEMING

FORMATION	DEPTH	TOP SUB-SEA	DEPTH	BASE SUB-SEA	NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
TAYLOR GP	0	-20	25	395	----	25	SH	SUR
AUSTIN GP	25	395	236	184	----	211	CHK	ABV
EAGLE FORD GP	236	184	459	- 39	0	223	SH	
WOODBINE GP	459	- 39	530	- 110	0	71	SH	
WASHITA GP	530	- 110	760	- 340	----	230	LS, SH	
EDWARDS UNDIFF.	763	- 343	1083	- 663	----	320	LS, MRL, SH	
PALUXY FM	1083	- 663	1107	- 687	----	24	SD	
GLEN ROSE FM	1107	- 687	1757	- 1337	----	650	LS, SH, ANHY	
HENSEL FM	1757	- 1337	1815	- 1395	----	58	SD, SH	
COW CREEK FM	1815	- 1395	1875	- 1455	----	60	LS, SH	
HAMMETT FM	1875	- 1455	1927	- 1507	----	52	SH	
SLIGO FM	1927	- 1507	1950	- 1530	----	23	LS	
HOSSTON FM	1950	- 1530	2210	- 1790	----		SD, SH	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET

CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : ST - MCLENNAN WELL ID NO. : Q87 ELEVATION : 483 TOTAL DEPTH : 2550

OPERATOR : H.B. GLASS WELL : ROSENTHAL WATER CO

LOCATION : SE MCLENNAN CO. SEC: TNSP : RNG : SUR : IGNACIO GALINDO

FORMATION	TOP		BASE		NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
	DEPTH	SUB-SEA	DEPTH	SUB-SEA				
TAYLOR GP	0	483	316	167	0	316	SH	SUR
AUSTIN GP	316	167	513	- 30	----	197	CHK	
EAGLE FORD GP	513	- 30	707	- 224	0	194	SH	
WOODBINE GP	707	- 224	759	- 276	0	52	SH	
WASHITA GP	759	- 276	985	- 502	----	226	LS, SH	
EDWARDS UNDIFF	985	- 502	1350	- 867	----	365	LS, MRL	
GLEN ROSE FM	1350	- 867	2060	- 1577	----	710	LS, SH, ANHY	
HENSEL FM	2060	- 1577	2110	- 1627	----	50	SD, SH	
PEARSALL FM	2110	- 1627	2238	- 1755	----	128	LS, SH	
SLIGO-HOSSTON FMS	2238	- 1755	2550	- 2067	----		SD, SH, LS	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET
 CORE LABORATORIES INC. E AND C DEPT.

JUN 1971

COUNTY : ST - MCLENNAN WELL ID NO. : Q90 ELEVATION : 776 TOTAL DEPTH : 1494
 OPERATOR : J.L. MEYERS WELL : NO.2 MOODY
 LOCATION : SOUTH MCLENNAN CO. SEC: TNSP : RNG : SUR : MOODY

FORMATION	TOP		BASE		NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
	DEPTH	SUB-SEA	DEPTH	SUB-SEA				
EAGLE FORD GP	0	776	30	746	0	30	SH	SUR
WOODBINE GP	30	746	100	676	0	70	SH	ABV
WASHITA GP	100	676	300	476	----	200	LS, SH	ABV
EDWARDS UNDIFF.	300	476	630	146	----	330	LS, MRL, SH	
GLEN ROSE FM	630	146	1198	- 422	----	568	LS, SH, ANHY	
HENSEL FM	1198	- 422	1259	- 483	----	61	SD, SH	
PEARSALL FM	1259	- 483	1375	- 599	----	116	SH, LS	
SLIGO-HOUSTON FMS	1375	- 599	1494	- 718	----		SD, SH, LS	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : SW - MADISON WELL ID NO. : 15A13 ELEVATION : 311 TOTAL DEPTH : 13320
 OPERATOR : WOODLEY PETR. CO. WELL : NO.1 MATTIE MCWHORTER
 LOCATION : NOT AVAILABLE SEC : TNSP : RNG : SUR :

FORMATION	DEPTH	TOP SUB-SEA	DEPTH	BASE SUB-SEA	NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
CARRIZO-WILCOX SD	1582	- 1271	5035	- 4724	1380	3453	SD, SH	
AUSTIN GP	8090	- 7779	8460	- 8149	-----	370	CHK, MRL	
EAGLE FORD-WOODBINE	8460	- 8149	9205	- 8894	5	745	SH, SD	
WASHITA GP	9205	- 8894	9670	- 9359	-----	465	LS, SH	
EDWARDS FM	9670	- 9359	10340	-10029	-----	670	LS, DOL	
GLEN ROSE FM	10340	-10029	12400	-12089	-----	2060	LS, DOL	
PEARSALL FM	12400	-12089	12890	-12579	-----	490	SH, LS	
SLIGO FM	12890	-12579	13320	-13009	-----		LS, SH	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : SW - MADISON WELL ID NO. : 16A03 ELEVATION : 252 TOTAL DEPTH : 12240
 OPERATOR : GEORGE MITCHELL ETAL WELL : NO.1 J.S. STEWART
 LOCATION : NOT AVAILABLE SEC : TNSP : RNG : SUR :

FORMATION	DEPTH	TOP SUB-SEA	DFPTH	BASE SUB-SEA	NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
CARRIZO-WILCOX GP	2060	- 1808	6030	- 5778	1430	3970	SD, SH	
AUSTIN GP	8790	- 8538	9060	- 8808	----	270	CHK, MRL	
EAGLE FORD-WOODBINE	9060	- 8808	10100	- 9848	290	1040	SD, SH	
WASHITA GP	10100	- 9848	10490	-10238	----	390	LS, SH	
EDWARDS FM	10490	-10238	11265	-11013	170	775	LS, SH	EST
GLEN ROSE FM	11265	-11013	12240	-11988	----		LS	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET

CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : SW - MADISON WELL ID NO. : 16A05 ELEVATION : 216 TOTAL DEPTH : 11500
 OPERATOR : HUMBLE OIL AND REF. WELL : NO.1 GAS UNIT NO.2
 LOCATION : 660 FNL, 660 FWL SEC: TNSP : RNG : SUR : JOSHUA RUBBINS A-190

FORMATION	TOP		BASE		NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
	DEPTH	SUB-SEA	DEPTH	SUB-SEA				
CARRIZO-WILCOX GP	1900	- 1684	5780	- 5564	1100+	3880	SD, SH	ABV
AUSTIN GP	8395	- 8179	8700	- 8484	----	305	CHK, MRL	
EAGLE FORD-WOODBINE	8700	- 8484	9658	- 9442	190	958	SD, SH	
WASHITA GP	9658	- 9442	10090	- 9874	----	432	LS, SH	
EDWARDS FM	10090	- 9874	10805	-10589	100	715	LS, SH	EST
GLEN ROSE FM	10805	-10589	11500	-11284	----		LS	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : SW - MADISON WELL ID NO. : 5C11 ELEVATION : 320 TOTAL DEPTH : 8485
 OPERATOR : BRITISH-AM. OIL CO. WELL : NO. B-4 J.F. WAKEFIELD
 LOCATION : 6900 FWL, 5350 FNEL SEC: TNSP : RNG : SUR : ISABELLA TOWNSEND A-31

FORMATION	TOP		BASE		NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
	DEPTH	SUB-SEA	DEPTH	SUB-SEA				
CLAIBORNE GP	0	320	1580	- 1260	----	1580	SD, SH	SUR
CARRIZO-WILCOX SD	1320	- 1000	4870	- 4550	340	3550	SD, SH	EST
MIDWAY GP	4870	- 4550	6060	- 5740	0	1190	SH, SDY SH	
NAVARRO GP	6060	- 5740	6560	- 6240	0	500	SH, SDY SH	EST
TAYLOR GP	6560	- 6240	7660	- 7340	----	1100	SH, MRL	EST
AUSTIN GP	7660	- 7340	7952	- 7632	----	292	CHK	
EAGLE FORD GP	7952	- 7632	8250	- 7930	50	298	SD, SH	TRC
WOODBINE GP	8250	- 7930	8485	- 8165	20+		SH, SD	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : SX - MARION WELL ID NO. : 3C3 ELEVATION : 311 TOTAL DEPTH : 11150
 OPERATOR : SAN JACINTO OIL+GAS WELL : NO.1 MAUD COWHERD
 LOCATION : 467 FNL, 467 FWL SEC: TNSP : RNG : SUR : CHARLES MASSENTON A-289

FORMATION	DEPTH	TOP SUB-SEA	DEPTH	BASE SUB-SEA	NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
CLAIHORNE GP	0	311	150	161	----	150	SD, SH	SUR
WILCOX GP	150	161	893	- 582	----	743	SH, SDY SH	
MIDWAY GP	893	- 582	1670	- 1359	----	777	SH	
NAVARRO GP	1670	- 1359	2150	- 1839	28	480	SH, SD	
TAYLOR GP	2150	- 1839	3080	- 2769	----	930	SH, MRL, SD	
AUSTIN GP	3080	- 2769	3340	- 3029	----	260	CHK, MRL	
E.F.-WOODBINE UNDIFF.	3340	- 3029	3410	- 3099	5	70	SH, SD	TRC
WASHITA GP	3410	- 3099	4005	- 3694	----	595	LS, SH	
GOODLAND FM	4023	- 3712	4110	- 3799	----	87	LS	
PALUXY FM	4110	- 3799	4593	- 4282	55	483	SH, SD	
UPPER GLEN ROSE FM	4593	- 4282	6415	- 6104	----	1822	LS, SH, ANHY	
LOWER GLEN ROSE FM	6415	- 6104	7000	- 6689	130	585	LS, SH	
BEXAR FM	7000	- 6689	7030	- 6719	----	30	SH	
JAMES FM	7030	- 6719	7235	- 6924	0	205	LS	
PINE ISLAND FM	7235	- 6924	7335	- 7024	----	100	SH	
PETTET-TRAVIS PLAK	7335	- 7024	8870	- 8559	490	1535	SD, SH, LS	
COTTON VALLEY GP	8870	- 8559	10850	-10539	240	1980	SD, SH, LS	FLT
COTTON VALLEY LIME	10425	-10114	10850	-10539	----	425	LS	
SMACKOVER FM	10850	-10539	11150	-10839	----		SH, ANHY, LS	TD

REMARKS
 TOP OF SMACKOVER IS ESTIMATED, 750 FT. F/O AT 8870 (-8559)

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET
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JUN 1971

COUNTY : SX - MARION WELL ID NO. : 3C17 ELEVATION : 401 TOTAL DEPTH : 10244

OPERATOR : MAGNOLIA OIL ET AL WELL : NO.1 HALL EST.

LOCATION : 1940 FSL, 1319 FWL SEC: TNSP : RNG : SUR : M.W. MOODY

FORMATION	DEPTH	TOP SUB-SEA	DEPTH	BASE SUB-SEA	NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
CLAIBORNE GP	0	01	450	- 49	----	450	SD, SHY SD	SUR
WILCOX GP	450	- 49	1170	- 769	----	720	SD, SH	
MIDWAY GP	1170	- 769	1765	- 1364	----	595	SH, SDY SH	
NAVARRO GP	1765	- 1364	2315	- 1914	10	550	SH, SD	
TAYLOR GP	2315	- 1914	3428	- 3027	----	1113	SH, MRL	
AUSTIN GP	3428	- 3027	3740	- 3339	----	312	CHK, MRL	
E.F.-WOODBINE UNDIFF.	3740	- 3339	3850	- 3449	40	110	SH, SD	TRC
WASHITA GP	3850	- 3449	4646	- 4245	----	796	LS, SH	
GOODLAND FM	4685	- 4284	4765	- 4364	----	80	LS	
PALUXY FM	4765	- 4364	5173	- 4772	45	408	SD, SH	
UPPER GLEN ROSE FM	5173	- 4772	6718	- 6317	----	1545	LS, SH, ANHY	
LOWER GLEN ROSE FM	6718	- 6317	7155	- 6754	120	437	LS, SH	
BEXAR FM	7155	- 6754	7192	- 6791	----	37	SH	
JAMES FM	7192	- 6791	7337	- 6936	0	145	LS	
PINE ISLAND FM	7337	- 6936	7415	- 7014	----	78	SH	
PETTET-TRAVIS PEAK	7415	- 7014	9144	- 8743	555	1729	SD, SH, LS	
COTTON VALLEY GP.	9144	- 8743	10244	- 9843	435+		SD, SH, LS	TD

REMARKS
 LASSATER FIELD AREA

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET
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JUN 1971

COUNTY : SX - MARION WELL ID NO. : 3C19 ELEVATION : 290 TOTAL DEPTH : 7704

OPERATOR : BARNWELL DRILLING CO. WELL : NO.1 EMMA DODD UNIT

LOCATION : 5070 FNNL, 2150 FNWL SEC: TNSP : RNG : SUR : ALEX ALLBRIGHT A-4

FORMATION	TOP		BASE		NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
	DEPTH	SUB-SEA	DEPTH	SUB-SEA				
WILCOX GP	0	290	1080	- 790	----	1080	SD, SH,	EST
MIDWAY GP	1080	- 790	1700	- 1410	----	620	SH, SDY SH	
NAVARRO GP	1700	- 1410	2330	- 2040	15	630	SD, SH	
TAYLOR GP	2330	- 2040	3260	- 2970	----	930	SH, MRL, SD	
AUSTIN GP	3260	- 2970	3540	- 3250	----	280	MRLY CHK	
EAGLE FORD GP	3540	- 3250	3540	- 3250	----	0		UNC
WOODBINE FM	3540	- 3250	3625	- 3335	30	85	SD, SH	TRC
WASHITA GP	3625	- 3335	4373	- 4083	----	748	LS, SH	
GOODLAND FM	4423	- 4133	4500	- 4210	----	77	LS	
PALUXY FM	4500	- 4210	4915	- 4625	65	415	SD, SH, LS	
UPPER GLEN ROSE FM	4915	- 4625	6518	- 6228	----	1603	LS, SH, SD, AN	
LOWER GLEN ROSE FM	6518	- 6228	6932	- 6642	90	414	LS, SH	
BEXAR FM	6932	- 6642	7000	- 6710	----	68	SH	
JAMES FM	7000	- 6710	7167	- 6877	0	167	LS	
PINE ISLAND FM	7167	- 6877	7255	- 6965	----	88	SH	
PETTET-TRAVIS PEAK	7255	- 6965	7704	- 7414	95+		SD, SH, LS	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET
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JUN 1971

COUNTY : SX - MARION WELL ID NO. : 3C22 ELEVATION : 346 TOTAL DEPTH : 7099
 OPERATOR : THOMAS JORDON INC. WELL : NO.1 J.H. BENEFIELD
 LOCATION : 2800 FNL, 4500 FEL SEC : TNSP : RNG : SUR : JOHN A MCKINNEY

FORMATION	DEPTH	TOP SUB-SEA	DEPTH	BASE SUB-SEA	NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
CLAIBORNE GP	0	346	250	96	----	250	SD, SH	SUR
WILCOX GP	250	96	1000	- 654	----	750	SD, SH	ABV
MIDWAY GP	1000	- 654	1570	- 1224	0	570	SH	
NAVARRO GP	1570	- 1224	2160	- 1814	40	590	SD, SH	
TAYLOR GP	2160	- 1814	3005	- 2659	----	845	SH, MRL, SD	
AUSTIN GP	3005	- 2659	3312	- 2966	----	307	MRL, CHK	
E.F.-WOODBINE UNDIFF.	3312	- 2966	3380	- 3034	15	68	SH, SD	TRC
WASHITA GP	3380	- 3034	3890	- 3544	----	510	LS, SH	
GOODLAND FM	3960	- 3614	4068	- 3722	----	108	LS	
PALUXY FM	4068	- 3722	4513	- 4167	45	445	SD, SH	
UPPER GLEN ROSE FM	4513	- 4167	6170	- 5824	----	1657	LS, SH, ANHY	
LOWER GLEN ROSE FM	6170	- 5824	6620	- 6274	100	450	LS, SH	
BEXAR FM	6620	- 6274	6660	- 6314	----	40	SH	
JAMES FM	6660	- 6314	6850	- 6504	0	190	LS	
PINE ISLAND FM	6850	- 6504	6962	- 6616	----	112	SH	
PETTET-TRAVIS PEAK	6962	- 6616	7099	- 6753	30+		SD, SH, LS	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : SX - MARION WELL ID NO. : 3C23 ELEVATION : 283 TOTAL DEPTH : 6878
 OPERATOR : MYERS CONST. CORP. WELL : NO.1 TERRY-MORGAN
 LOCATION : 467 FNWL, 467 FNEL SEC: TNSP : RNG : SUR : B.F. LYNN A-243

FORMATION	DEPTH	TOP SUB-SEA	DEPTH	BASE SUB-SEA	NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
WILCOX GP	0	283	650	- 367	----	650	SD, SH	SUR
MIDWAY GP	650	- 367	1270	- 987	----	620	SH, SD	ABV
NAVARRO GP	1270	- 987	1800	- 1517	25	530	SH, SD	
TAYLOR GP	1800	- 1517	2655	- 2372	----	855	SH, MRL, SD	
AUSTIN GP	2655	- 2372	2890	- 2607	----	235	MRL, CHK	
EAGLE FORD-WOODBINE	2890	- 2607	2890	- 2607	----	0		UNC
WASHITA GP	2890	- 2607	3332	- 3049	----	442	LS, SH	TRC
GOODLAND FM	3396	- 3113	3480	- 3197	----	84	LS	
PALUXY FM	3480	- 3197	3943	- 3660	----	463	SD, SH	
UPPER GLEN ROSE FM	3943	- 3660	5659	- 5376	----	1716	LS, SH, ANHY	
LOWER GLEN ROSE FM	5659	- 5376	6115	- 5832	115	456	LS, SH	
BEXAR FM	6115	- 5832	6161	- 5878	----	46	SH	
JAMES FM	6161	- 5878	6372	- 6089	0	211	LS	
PINE ISLAND FM	6372	- 6089	6450	- 6167	----	78	SH	
PETTET-TRAVIS PEAK	6450	- 6167	6878	- 6595	70+		SD, SH, LS	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET
 CORE LABORATORIES INC, E AND C DEPT.

JUL 1971

COUNTY : 5x - MARION WELL ID NO. : 3C25 ELEVATION : 246 TOTAL DEPTH : 6239
 OPERATOR : RALPH SPENCE ET AL WELL : NO.1 ELEANOR COLE
 LOCATION : 660 FNL, 1000 FWL SEC: TNSP : RNG : SUR : BBB AND C RAILROAD A-58

FORMATION	DEPTH	TOP SUB-SEA	DEPTH	BASE SUB-SEA	NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
CLAIBORNE GP	0	246	100	146	----	100	SD, SH	SUR
WILCOX GP	100	146	822	- 576	----	722	SD, SH	ABV
MIDWAY GP	822	- 576	1495	- 1249	0	673	SH	
NAVARRO GP	1495	- 1249	2095	- 1849	10	600	SH, SD	
TAYLOR GP	2095	- 1849	2975	- 2729	----	880	SH, MRL	
AUSTIN GP	2975	- 2729	3230	- 2984	----	255	MRLY	
EAGLE FORD-WOODBINE	3230	- 2984	3230	- 2984	----	0		UNC
WASHITA GP	3230	- 2984	3845	- 3599	----	615	LS, SH	TRC
GOODLAND FM	3916	- 3670	4020	- 3774	----	104	LS	
PALUXY FM	4020	- 3774	4451	- 4205	60	431	SD, SH	
UPPER GLEN ROSE FM	4451	- 4205	6098	- 5852	----	1647	LS, SH, ANHY	
LOWER GLEN ROSE FM	6098	- 5852	6239	- 5993	5+		LS, SH	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : SX - MARION WELL ID NO. : 3C28 ELEVATION : 260 TOTAL DEPTH : 6456
 OPERATOR : FAIR OIL CO. WELL : NO.1 BAKER LAND CO.
 LOCATION : 467 FNL, 1956 FWL SEC : TNSP : RNG : SUR : GEORGE J. HUNT A-201

FORMATION	TOP		BASE		NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
	DEPTH	SUB-SEA	DEPTH	SUB-SEA				
WILCOX GP	0	260	400	- 140	----	400	SH, SD	
MIDWAY GP	400	- 140	1110	- 850	----	710	SH	ABV
NAVARRO GP	1110	- 850	1662	- 1402	50	552	SD, SH	
TAYLOR GP	1662	- 1402	2355	- 2095	----	693	SH, MRL	
AUSTIN GP	2355	- 2095	2595	- 2335	----	240	MRLY CHK	
EAGLE FORD-WASHITA	2595	- 2335	2595	- 2335	----	0		UNC
KIAMICHI FM	2595	- 2335	2620	- 2360	----	25	SH	TRC
GOODLAND FM	2620	- 2360	2761	- 2501	----	141	LS	
PALUXY FM	2761	- 2501	3284	- 3024	45	523	SD, SH	
UPPER GLEN ROSE FM	3284	- 3024	5037	- 4777	----	1753	LS, SH, ANHY	
LOWER GLEN ROSE FM	5037	- 4777	5500	- 5240	115	463	LS, SH	
BEXAR FM	5500	- 5240	5555	- 5295	----	55	SH	
JAMES FM	5555	- 5295	5718	- 5458	0	163	LS	
PINE ISLAND FM	5718	- 5458	5865	- 5605	----	147	SH	
PETTET-TRAVIS PEAK	5865	- 5605	6456	- 6196	120*		SD, SH, LS	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET

CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : SX - MARION WELL ID NO. : 3C31 ELEVATION : 209 TOTAL DEPTH : 6140
 OPERATOR : ATLANTIC RICHFIELD WELL : NO.1 ALLDAY ESTATE
 LOCATION : 467 FNL, 934 FWL SEC : TNSP : RNG : SUR : ANDERSON CASTLEBERRY A-87

FORMATION	DEPTH	TOP SUB-SEA	DEPTH	BASE SUB-SEA	NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
WILCOX GP	0	209	100	109	----	100	SD, SH	SUR
MIDWAY GP	100	109	830	- 621	----	730	SH	ABV
NAVARRO GP	830	- 621	1315	- 1106	35	485	SH, SD	
TAYLOR GP	1315	- 1106	2090	- 1881	----	775	SH, MRL, SD	
AUSTIN GP	2090	- 1881	2295	- 2086	----	205	CHK, MRL	
EAGLE FORD-KIAMICHI	2295	- 2086	2295	- 2086	----	0		UNC
GOODLAND FM	2295	- 2086	2395	- 2186	----	100	LS	TRC
PALUXY FM	2395	- 2186	2887	- 2678	45	492	SD, SH	
UPPER GLEN ROSE FM	2887	- 2678	4668	- 4459	----	1781	LS, SH, ANHY	
LOWER GLEN ROSE FM	4668	- 4459	5162	- 4953	170	494	LS, SH	
BEXAR FM	5162	- 4953	5204	- 4995	----	42	SH	
JAMES FM	5204	- 4995	5380	- 5171	----	176	LS	
PINE ISLAND FM	5380	- 5171	5530	- 5321	----	150	SH	
PETTET-TRAVIS PEAK	5530	- 5321	6140	- 5931	90+		SD, SH, LS	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET
 CORE LABORATORIES INC. E AND C DEPT.

JUN 1971

COUNTY : TK - MILAM WELL ID NO. : 15A01 ELEVATION : 351 TOTAL DEPTH : 7003
 OPERATOR : RIMROCK TIDELANDS, INC WELL : NO.1 W.F. CRAWFORD
 LOCATION : NOT AVAILABLE SEC : TNSP : RNG : SUR :

FORMATION	DEPTH	TOP SUB-SEA	DEPTH	BASE SUB-SEA	NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
AUSTIN GP	2300	- 1949	2530	- 2179	----	230	CHK, MRL	
EAGLE FORD GP	2530	- 2179	2699	- 2348	----	169	SH, SHY LS	
WASHITA GP	2699	- 2348	2990	- 2639	----	291	LS, SH	
EDWARDS	2990	- 2639	3380	- 3029	40	390	LS, DOL	
GLEN ROSE FM	3380	- 3029	4395	- 4044	----	1015	LS, DOL	
PEARSALL FM	4395	- 4044	4575	- 4224	----	180	SH, LS	
SLIGO-HOSSTON FMS	4575	- 4224	6175	- 5824	----	1600	LS, SH, SD	

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : TK - MILAM WELL ID NO. : 15A03 ELEVATION : 460 TOTAL DEPTH : 12593
 OPERATOR : TEXAS GULF SULPHUR CO WELL : NO.1 BAKER
 LOCATION : NOT AVAILABLE SEC : TNSP : RNG : SUR :

FORMATION	DEPTH	TOP SUB-SEA	DEPTH	BASE SUB-SEA	NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
CARRIZO-WILCOX GP	0	460	1015	- 555	200+	1015	SD, SH	
AUSTIN GP	3600	- 3140	3993	- 3533	----	393	CHK, MRL	
EAGLE FORD GP	3993	- 3533	4120	- 3660	----	127	SH, SHY LS	
WASHITA GP	4120	- 3660	4440	- 3980	----	320	LS, SH	
EDWARDS	4440	- 3980	4860	- 4400	150	420	LS, DOL	
GLEN ROSE FM	4860	- 4400	5980	- 5520	----	1120	LS, DOL	
PEARSALL FM	5980	- 5520	6195	- 5735	----	215	SH, LS	
SLIGO-HOSSTON FMS	6195	- 5735	7898	- 7438	----	1703	LS, SH, SD	

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET

CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : TK - MILAM WELL ID NO. : 15A04 ELEVATION : 466 TOTAL DEPTH : 15187

OPERATOR : SHELL OIL CO. WELL : NO.1 NELL ROSS

LOCATION : 3400 FSEL, 1300 FSWL SEC: TNSP : RNG : SUR : FERNANDO RODRIGUEZ

FORMATION	DEPTH	TOP		BASE		NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
		SUB-SEA	DEPTH	SUB-SEA	DEPTH				
CARRIZO-WILCOX SD	0	466	2340	- 1874	0	2340			SUR
CARRIZO-WILCOX GP	0	466	2345	- 1879	600+	2345	SD, SH		SUR
AUSTIN GP	5530	- 5064	5765	- 5299	----	235	CHK, MRL		
EAGLE FORD GP	5765	- 5299	6045	- 5579	----	280	SH, SHY LS		
WASHITA	6045	- 5579	6473	- 6007	----	428	LS, SH		
EDWARDS	6473	- 6007	6992	- 6526	145	519	SL, DOL		
GLEN ROSE FM	6992	- 6526	8395	- 7929	----	1403	LS, DOL		
PEARSALL FM	8395	- 7929	8695	- 8229	----	300	SH, LS		
SLIGO-HOSSTON FMS	8695	- 8229	11410	-10944	----	2715	LS, SH, SD		

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : TK - MILAM WELL ID NO. : 19A02 ELEVATION : 246 TOTAL DEPTH : 3433
 OPERATOR : GROGINSKI, MARCUS WELL : NO.1 G.S. BASKIN
 LOCATION : 330 FESEL, 330 FESWL SEC: TNSP : RNG : SUR : SARAH WILHELM A-69

FORMATION	TOP		BASE		NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
	DEPTH	SUB-SEA	DEPTH	SUB-SEA				
AUSTIN GP	1880	- 1634	2230	- 1984	----	350	CHK, MRL	
EAGLE FORD GP	2230	- 1984	2330	- 2084	----	100	SH, SHY LS	
WASHITA GP	2330	- 2084	2615	- 2369	----	285	LS, SH	
EDWARDS FM	2615	- 2369	2992	- 2746	115	377	LS, DOL	
GLEN ROSE FM	2992	- 2746	3433	- 3187	----		LS, DOL	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : TK - MILAM WELL ID NO. : 19A03 ELEVATION : 445 TOTAL DEPTH : 5221
 OPERATOR : DAN J. HARRISON JR. WELL : NO.1 G.P. SCHRAM
 LOCATION : 12750 FSWL, 9000 FNWL SEC: TNSP : RNG : SUR : J.J. ACOSRA A-1

FORMATION	TOP		BASE		NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
	DEPTH	SUB-SEA	DEPTH	SUB-SEA				
AUSTIN GP	1640	- 1195	1932	- 1487	----	292	CHK, MRL	
EAGLE FORD GP	1932	- 1487	1970	- 1525	----	38	SH, SHY LS	
WASHITA GP	1970	- 1525	2245	- 1800	----	275	LS, SH	
EDWARDS FM	2245	- 1800	2600	- 2155	125	355	LS, DOL	
GLEN ROSE FM	2600	- 2155	3580	- 3135	----	980	LS, DOL	
PEARSALL FM	3580	- 3135	3688	- 3243	----	108	SH, LS	
SLIGO-HOSSTON FMS	3688	- 3243	5088	- 4643	----	1400	LS, SH, SD	
OUACHITA FACIES	5088	- 4643	5221	- 4776	----			TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : TK - MILAM WELL ID NO. : 19A04 ELEVATION : 540 TOTAL DEPTH : 4228
 OPERATOR : S.D. JOHNSON WELL : NO.1 SCHWOPE
 LOCATION : 330 FNL, 330 FEL SEC: TNSP : RNG : SUR : ELIZABETH MILBURN A-247

FORMATION	TOP		BASE		NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
	DEPTH	SUB-SEA	DEPTH	SUB-SEA				
CARRIZO-WILCOX GP	0	540	1140	- 600	200+	1140	SD, SH	SUR
AUSTIN GP	3395	- 2855	3838	- 3298	----	443	CHK, MRL	
EAGLE FORD GP	3838	- 3298	3899	- 3359	----	61	SH, SHY LS	
WASHITA GP	3899	- 3359	4190	- 3650	----	291	LS, SH	
EDWARDS FM	4190	- 3650	4228	- 3688	----		LS, DOL	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : TU - MORRIS WELL ID NO. : 3B4 ELEVATION : 338 TOTAL DEPTH : 11810
 OPERATOR : HUMBLE OIL AND REF. WELL : NO.1 H.N. WRIGHT
 LOCATION : 660 FWL, 1980 FSL SEC: TNSP : RNG : SUR : SAMUEL STORY

FORMATION	TOP		BASE		NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
	DEPTH	SUB-SEA	DEPTH	SUB-SEA				
WILCOX GP	0	338	500	- 162	0	500		SUR
MIDWAY GP	500	- 162	1350	- 1012	0	850	SH	
NAVARRO GP	1350	- 1012	1995	- 1657	45	645	SH, SD	
TAYLOR GP	1995	- 1657	3155	- 2817	----	1160	SH, MRL	
AUSTIN GP	3155	- 2817	3608	- 3270	----	453	CHK, MRL	
EAGLE FORD GP	3608	- 3270	3855	- 3517	55	247	SH, SD	
WOODBINE GP	3855	- 3517	4200	- 3862	35	345	SD, SH	
WASHITA GP	4200	- 3862	5090	- 4752	----	890	LS, SH	
GOODLAND FM	5160	- 4822	5195	- 4857	----	35	LS	
PALUXY FM	5195	- 4857	5556	- 5218	125	361	SD, SH	
UPPER GLEN ROSE FM	5556	- 5218	6870	- 6532	50	1314	LS, SH, ANHY	
LOWER GLEN ROSE FM	6870	- 6532	7405	- 7067	85	535	LS, SH	
PETTET-TRAVIS PEAK	7405	- 7067	8940	- 8602	400	1535	SD, SH, LS	
COTTON VALLEY GP	8940	- 8602	10895	-10557	320	1955	SD, SH, LS	
COTTON VALLEY LIME	10790	-10452	10895	-10557	----	105	LS	
BUCKNER FM	10895	-10557	11495	-11157	----	600	SH, ANHY	
SHACKOVER	11495	-11157	11810	-11472	----	315	LS, DOL	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : TX - NACOGDOCHES WELL ID No. : 6B6 ELEVATION : 373 TOTAL DEPTH : 11974
 OPERATOR : PAN AMERICAN PETR. WELL : NO.1 YOUNGBLOOD GAS UNIT
 LOCATION : 542 FSEL, 1215 FNEL SEC: TNSP : RNG : SUR : RANSOM OLFIN A-419

FORMATION	DEPTH	TOP SUB-SEA	DEPTH	BASE SUB-SEA	NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
CARRIZO-WILCOX SD	0	373	1210	- 837	0	1210	SD, SH	SUR
MIDWAY GP	1210	- 837	2080	- 1707	----	870	SH	
NAVARRO GP	2080	- 1707	2450	- 2077	0	370	SH, SD	
TAYLOR GP	2450	- 2077	3180	- 2807	----	730	SH, MRL	
AUSTIN GP	3180	- 2807	3449	- 3076	----	269	CHK	
EAGLE FORD GP	3449	- 3076	3452	- 3079	----	3	SH	
WOODBINE-BUDA FMS	3452	- 3079	3452	- 3079	----	0		UNC
GEORGETOWN GP	3452	- 3079	3710	- 3337	----	258	LS, SH	TRC
EDWARDS UNDIFF.	3550	- 3177	4338	- 3965	60	788	LS, SH	
UPPER GLEN ROSE FM	4338	- 3965	6000	- 5627	----	1662	LS, SH, ANHY	
LOWER GLEN ROSE FM	6000	- 5627	6375	- 6002	85	375	LS, SH	
BEXAR FM	6375	- 6002	6510	- 6197	----	135	SH, SHY LS	
JAMES FM	6510	- 6137	6660	- 6287	8	150	LS	
PETTET-TRAVIS PEAK	6780	- 6407	9420	- 9047	510	2640	SD, SH, LS	
COTTON VALLEY GP	9420	- 9047	11680	- 11307	290	2260	SH, LS, SD	
COTTON VALLEY LIME	11340	- 10967	11680	- 11307	----	340	LS	
SMACKOVER FM	11680	- 11307	11974	- 11601	----		LS	TD

REMARKS
 SMACKOVER EQUIVALENT IS ESTIMATED

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET

CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : TX - NACOGDOCHES WELL ID NO. : 688 ELEVATION : 489 TOTAL DEPTH : 9413
 OPERATOR : HUMBLE OIL AND REF. WELL : NO. 3 S.B. HAYTER
 LOCATION : 2500 FSL, 2163 FEL SEC: TNSP : RNG : SUR : MANUEL DE LOS SANTOS COY

FORMATION	DEPTH	TOP SUB-SEA	DEPTH	BASE SUB-SEA	NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
CLAIBORNE GP	0	489	665	- 176	----	665	SD, SH	SUR
CARRIZO-WILCOX SD	440	49	2850	- 2361	0	2410	SD, SH	
MIDWAY GP	2850	- 2361	3720	- 3231	0	870	SH	
NAVARRO GP	3720	- 3231	4160	- 3671	0	440	SH, SDY SH	
TAYLOR GP	4160	- 3671	4917	- 4428	----	757	SH, MRL	
AUSTIN GP	4917	- 4428	5180	- 4691	----	263	CHK	
EAGLE FORD-WOODBINE	5180	- 4691	5180	- 4691	----	0		UNC
WASHITA GP	5180	- 4691	5835	- 5346	----	655	LS, SH	TRC
LOWER DUCK CREEK	5700	- 5211	5835	- 5346	50	135	LS	
KIAMICHI FM	5835	- 5346	5902	- 5413	----	67	SH, LS	
GOODLAND-WALNUT FMS	5902	- 5413	6455	- 5966	----	553	LS, MRL, SH	
UPPER GLEN ROSE FM	6455	- 5966	8022	- 7533	----	1567	LS, SH, ANHY	
LOWER GLEN ROSE FM	8022	- 7533	8440	- 7951	185	418	LS, SH	
BEXAR FM	8440	- 7951	8573	- 8084	----	133	SH, MRL	
JAMES FM	8573	- 8084	8721	- 8232	12	148	LS	
PETTET-TRAVIS PEAK	8830	- 8341	9413	- 8924	20+		LS, SH, SD	TD

REMARKS
DOUGLAS FIELD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : TX - NACOGDOCHES WELL ID NO. : 6B9 ELEVATION : 447 TOTAL DEPTH : 9292
 OPERATOR : THE TEXAS CO. WELL : NO. 1 C.W. STRAHAN
 LOCATION : 990 FNEC, 300 FEL SEC : TNSP : RNG : SUR : H.J. ARRIOLA

FORMATION	DEPTH	TOP SUB-SEA	DEPTH	BASE SUB-SEA	NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
CLAIBORNE GP	0	447	700	- 253	----	700	SD, SH	SUR
CARRIZO-WILCOX SD	260	187	2480	- 2033	----	2220	SD, SH	
MIDWAY GP	2480	- 2033	3355	- 2908	0	875	SH	
NAVARRO GP	3355	- 2908	3750	- 3303	----	395	SH, SDY SH	
TAYLOR GP	3750	- 3303	4450	- 4003	----	700	SH, MRL	
AUSTIN GP	4450	- 4003	4752	- 4305	----	302	CHK	
EAGLE FORD GP	4752	- 4305	4758	- 4311	----	6	SH	
WOODBINE-BUDA GPS	4758	- 4311	4758	- 4311	----	0		UNC
GEORGETOWN GP	4758	- 4311	4880	- 4433	----	122	LS, SH	TRC
EDWARDS UNDIFF.	4880	- 4433	5675	- 5228	55	795	LS, MRL, SH	
UPPER GLEN ROSE FM	5675	- 5228	7220	- 6773	----	1545	LS, SH, ANHY	
LOWER GLEN ROSE FM	7220	- 6773	7582	- 7135	65	362	LS, SH	
BEXAR FM	7582	- 7135	7712	- 7265	----	130	SH, SHY LS	
JAMES FM	7712	- 7265	7870	- 7423	12	158	LS	
PETTET-TRAVIS PLAK	7980	- 7533	9292	- 8845	70+		LS, SH, SD	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : TX - NACOGDOCHES WELL ID NO. : 6812 ELEVATION : 363 TOTAL DEPTH : 9505

OPERATOR : BENEUM TREES WELL : NO.1 BEN I, WILSON

LOCATION : 1900 FNWC, 2310 FNEL SEC: TNSP : RNG : SUR : JOSE IGNACIO Y BARBO

FORMATION	TOP		BASE		NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
	DEPTH	SUB-SEA	DEPTH	SUB-SEA				
CLAIBORNE GP	0	363	471	- 108	----	471	SD, SH	SUR
CARRIZO-WILCOX SD	260	103	2360	- 1997	130	2100	SD, SH	ABV
MIDWAY GP	2360	- 1997	3378	- 3015	0	1018	SH, SDY SH	
NAVARRO GP	3378	- 3015	3705	- 3342	0	327	SH, MRL	
TAYLOR GP	3705	- 3342	4485	- 4122	----	780	SH, MRL	
AUSTIN GP	4485	- 4122	4781	- 4418	----	296	CHK	
EAGLE FORD GP	4781	- 4418	4800	- 4437	0	19	SH	
WOODBINE-BUDA FMS	4800	- 4437	4800	- 4437	----	0		UNC
EDWARDS UNDIFF.	4800	- 4437	5650	- 5287	95	850	LS, MRL, SH	TRC
UPPER GLEN ROSE FM	5650	- 5287	7209	- 6846	----	1559	LS, SH, ANHY	
LOWER GLEN ROSE FM	7209	- 6846	7580	- 7217	90	371	LS, SH	
BEXAR FM	7580	- 7217	7709	- 7346	----	129	SH, MRL	
JAMES FM	7709	- 7346	7882	- 7519	25	173	LS	
PETTET-TRAVIS PEAK	7996	- 7633	9505	- 9142	90+		SD, LS, SH	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : TX - NACOGDOCHES WELL ID NO. : 6B15 ELEVATION : 283 TOTAL DEPTH : 5259
 OPERATOR : BASIN OPERATING CO. WELL : NO.1 ED D. MELASKY
 LOCATION : 467 FSL, 467 FWL SEC: TNSP : RNG : SUR : JOHN SKELTON A-53

FORMATION	DEPTH	TOP SUB-SEA	DEPTH	BASE SUB-SEA	NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
CLAIBORNE GP	0	283	455	- 172	----	455	SD, SH	SUR
CARRIZO-WILCOX SD	260	23	2430	- 2147	0	2170	SD, SH	
MIDWAY GP	2430	- 2147	3435	- 3152	----	1005	SH, SDY SH	
NAVARRO GP	3435	- 3152	3992	- 3709	0	557	SH	
TAYLOR GP	3992	- 3709	4850	- 4567	----	858	SH, MRL	
AUSTIN GP	4850	- 4567	5085	- 4802	----	235	CHK	
EAGLE FORD GP	5085	- 4802	5085	- 4802	----	0		UNC
WOODBINE GP	5085	- 4802	5202	- 4919	5	117	SH, SD	TRC
WASHITA GP	5202	- 4919	5259	- 4976	----		LS, SH	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : TY - NAVARRO WELL ID NO. : 4A11 ELEVATION : 483 TOTAL DEPTH : 6675
 OPERATOR : H.L. HUNT WELL : NO.1 E. HAMILTON
 LOCATION : 660 FNL, 660 FEL SEC: TNSP : RNG : SUR : H.R. RANDALL

FORMATION	TOP		BASE		NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
	DEPTH	SUB-SEA	DEPTH	SUB-SEA				
TAYLOR GP	0	483	1295	- 812	----	1295	SH, MRL	SUR
AUSTIN GP	1295	- 812	1698	- 1215	----	403	CHK	
EAGLE FORD GP	1698	- 1215	2089	- 1606	0	391	SH	
WOODBINE GP	2089	- 1606	2457	- 1974	170	368	SD, SH	
WASHITA GP	2457	- 1974	3003	- 2520	----	546	LS, SH	
GOODLAND-WALNUT FMS	3040	- 2557	3292	- 2809	----	252	LS, SH	
PALUXY FM	3292	- 2809	3355	- 2872	8	63	SD, SH	
UPPER GLEN ROSE FM	3355	- 2872	4193	- 3710	----	838	LS, SH, ANHY	
LOWER GLEN ROSE FM	4193	- 3710	4438	- 3955	15	245	LS, SH	
BEXAR FM	4438	- 3955	4452	- 3969	----	14	SH	
JAMES FM	4452	- 3969	4500	- 4017	0	48	LS	
PINE ISLAND FM	4500	- 4017	4550	- 4067	----	50	SH	
PETTET-TRAVIS PEAK	4550	- 4067	5600	- 5117	90+	1050	SD, SH, LS	
COTTON VALLEY GP	5600	- 5117	6410	- 5927	----	810	SD, SH, LS	NOD
BUCKNER FM	6410	- 5927	6480	- 5997	----	70	ANHY	NOD
SMACKOVER FM	6480	- 5997	6592	- 6109	----	112	LS, DOL	
EAGLE MILLS GP	6592	- 6109	6625	- 6142	5	33	SD	
PALEOZOIC	6625	- 6142	6675	- 6192	----			TD

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JUN 1971

COUNTY : TY - NAVARRO WELL ID NO. : 4A13 ELEVATION : 304 TOTAL DEPTH : 10850
 OPERATOR : HARRY S. PHILLIPS WELL : NO.1 LUTHER JOHNSON
 LOCATION : 4600 FNWL, 1445 FNEL SEC: TNSP : RNG : SUR : W.T. MALONE A-530

FORMATION	DEPTH	TOP SUB-SEA	DEPTH	BASE SUB-SEA	NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
MIDWAY GP	0	304	660	- 356	0	660	SH, SDY SH	SUR
NAVARRO GP	660	- 356	1170	- 866	5	510	SH, SD	
TAYLOR GP	1170	- 866	2559	- 2255	----	1389	SH, MRL	
AUSTIN GP	2559	- 2255	2943	- 2639	----	384	CHK	
EAGLE FORD GP	2943	- 2639	3320	- 3016	10	377	SH, SD	
WOODBINE GP	3320	- 3016	3833	- 3529	220	513	SD, SH	
WASHITA GP	3833	- 3529	4630	- 4326	----	797	LS, SH	
GOODLAND-WALNUT FMS	4688	- 4384	5055	- 4751	----	367	LS, SH	
UPPER GLEN ROSE FM	5055	- 4751	6120	- 5816	----	1065	LS, SH, ANHY	
LOWER GLEN ROSE FM	6120	- 5816	6405	- 6101	65	285	LS, SH	
BEXAR FM	6405	- 6101	6438	- 6134	----	33	SH	
JAMES FM	6438	- 6134	6518	- 6214	0	80	LS	
PINE ISLAND FM	6518	- 6214	6600	- 6296	----	82	SH	
PETTET-TRAVIS PEAK	6600	- 6296	8292	- 7988	850	1692	SD, SH, LS	
COTTON VALLEY GP	8292	- 7988	10236	- 9932	250	1944	SD, SH, LS	
COTTON VALLEY LIME	9670	- 9366	10236	- 9932	----	566	LS	
BUCKNER FM	10236	- 9932	10530	-10226	----	294	ANHY	EQV
SMACKOVER FM	10530	-10226	10850	-10546	----		LS, DOL	TD

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JUN 1971

COUNTY : TY - NAVARRO WELL ID NO. : 4A14 ELEVATION : 271 TOTAL DEPTH : 7501
 OPERATOR : GIBSON DRUG. CO. WELL : NO.1 O.L. ALBRITTON
 LOCATION : 1500 FNWL, 1700 FSWL SEC: TNSP : RNG : SUR : JOHN JONES A-423

FORMATION	DEPTH	TOP	DEPTH	BASE	NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
		SUB-SEA		SUB-SEA				
WILCOX GP	0	271	500	- 229	0	500	SH, SDY SH	SUR
MIDWAY GP	500	- 229	1225	- 954	0	725	SH, SDY SH	
NAVARRO GP	1225	- 954	1805	- 1534	5	580	SH, SD	
TAYLOR GP	1805	- 1534	3170	- 2899	----	1365	SH, MRL	
AUSTIN GP	3170	- 2899	3580	- 3309	----	410	CHK	
EAGLE FORD GP	3580	- 3309	3915	- 3644	5	335	SH, SD	
WOODBINE GP	3915	- 3644	4600	- 4329	320	685	SD, SH	
WASHITA GP	4600	- 4329	5590	- 5319	----	990	LS, SH	
GOODLAND-WALNUT FMS	5655	- 5384	6070	- 5799	----	415	LS, SH	
UPPER GLEN ROSE FM	6070	- 5799	7292	- 7021	----	1222	LS, SH, ANHY	
LOWER GLEN ROSE FM	7292	- 7021	7501	- 7230	55+		LS, SH	TD

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JUN 1971

COUNTY : TY - NAVARRO WELL ID NO. : 4B1 ELEVATION : 495 TOTAL DEPTH : 3757
 OPERATOR : COFFIELD AND GUTHRIE WELL : NO.1 R. CLARK
 LOCATION : 920 FSWL, 3000 FNWL SEC: TNSP : RNG : SUR : J.H. MILLS

FORMATION	DEPTH TOP	SUB-SEA	DEPTH BASE	SUB-SEA	NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
TAYLOR GP	0	495	690	- 195	----	690	SH, MRL	SUR
AUSTIN GP	690	- 195	1020	- 525	----	330	CHK	
EAGLE FORD GP	1020	- 525	1280	- 785	0	260	SH	
WOODBINE GP	1280	- 785	1647	- 1152	75	367	SH, SD	
WASHITA GP	1648	- 1153	2060	- 1565	----	412	LS, SH	
GOODLAND-WALNUT FMS	2080	- 1585	2382	- 1887	----	302	LS	
PALUXY FM	2382	- 1887	2400	- 1905	6	18	SD	
UPPER GLEN ROSE FM	2400	- 1905	3113	- 2618	----	713	LS, SH, ANHY	
LOWER GLEN ROSE FM	3113	- 2618	3308	- 2813	20	195	LS, SH	
BEXAR FM	3308	- 2813	3330	- 2835	----	22	SH	
JAMES FM	3330	- 2835	3380	- 2885	0	50	LS	
PINE ISLAND FM	3380	- 2885	3430	- 2935	----	50	SH	
PETTET-TRAVIS PEAK	3430	- 2935	3757	- 3262	90*		SD, SH	TD

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JUN 1971

COUNTY : TY - NAVARRO WELL ID NO. : 482 ELEVATION : 466 TOTAL DEPTH : 6455
 OPERATOR : FALLON CO. WELL : NO.1 J.C. KEITT
 LOCATION : 7450 FNWL, 7550 FSWL SEC: TNSP : RNG : SUR : SAMUEL DENTON A-44

FORMATION	TOP		BASE		NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
	DEPTH	SUB-SEA	DEPTH	SUB-SEA				
TAYLOR GP	0	466	1330	- 864	----	1330	SH, MRL	SUR
AUSTIN GP	1330	- 864	1680	- 1214	----	350	CHK	
EAGLE FORD GP	1680	- 1214	1960	- 1494	0	280	SH	
WOODBINE GP	1960	- 1494	2275	- 1809	85	315	SD, SH	
WASHITA GP	2275	- 1809	2750	- 2284	----	475	LS, SH	
GOODLAND-WALNUT FMS	2780	- 2314	3130	- 2664	----	350	LS	
UPPER GLEN ROSE FM	3130	- 2664	3955	- 3489	----	825	LS, SH, ANHY	
LOWER GLEN ROSE FM	3955	- 3489	4160	- 3694	35	205		
BEXAR FM	4160	- 3694	4195	- 3729	----	35	SH	
JAMES FM	4195	- 3729	4235	- 3769	0	40	LS	
PINE ISLAND FM	4235	- 3769	4290	- 3824	----	55	SH	
PETTET-TRAVIS PLAK	4290	- 3824	5130	- 4664	390	840	SD, SH	
COTTON VALLEY GP	5130	- 4664	5900	- 5434	235	770	SD, SH, LS	
BUCKNER FM	5900	- 5434	6151	- 5685	----	251	SH, ANHY	
SMACKOVER FM	6151	- 5685	6325	- 5859	----	174	LS, DOL	
EAGLE MILLS GP	6325	- 5859	6400	- 5934	10	75	SH, SD	
PALEOZOIC	6400	- 5934	6455	- 5989	----			TD

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JUN 1971

COUNTY : TY - NAVARRO WELL ID NO. : 4819 ELEVATION : 401 TOTAL DEPTH : 6931
 OPERATOR : DAN E. WHELAN, JR. WELL : NO.1 MRS. W.D. EASTERLING
 LOCATION : 467 FSEL, 467 FSWL SEC: TNSP : RNG : SUR : P.W. FULLER A-288

FORMATION	DEPTH	TOP SUB-SEA	DEPTH	BASE SUB-SEA	NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
MIDWAY GP	0	401	7710	- 7309	7	7710	SH, SDY SH	SUR
NAVARRO GP	710	- 309	1455	- 1054	18	745	SH, SD	
TAYLOR GP	1455	- 1054	2560	- 2159	----	1105	SH, MRL	
AUSTIN GP	2560	- 2159	2960	- 2559	----	400	CHK	
EAGLE FORD GP	2960	- 2559	3305	- 2904	0	345	SH	
WOODBINE GP	3305	- 2904	3752	- 3351	175	447	SD, SH	
WASHITA GP	3752	- 3351	4452	- 4051	----	700	LS, SH	
GOODLAND-WALNUT FMS	4500	- 4099	4902	- 4501	----	402	LS	
UPPER GLEN ROSE FM	4902	- 4501	5929	- 5528	----	1027	LS, SH, ANHY	
LOWER GLEN ROSE FM	5929	- 5528	6220	- 5819	55	291	LS, SH	
BEXAR FM	6220	- 5819	6250	- 5849	----	30	SH	
JAMES FM	6250	- 5849	6320	- 5919	0	70	LS	
PINE ISLAND FM	6320	- 5919	6400	- 5999	----	80	SH	
PETTET-TRAVIS PEAK	6400	- 5999	6931	- 6530	140+			TD

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JUN 1971

COUNTY : UL - PANOLA WELL ID NO. : GE01 ELEVATION : 232 TOTAL DEPTH : 6520
 OPERATOR : WILSON OIL AND GAS CO WELL : NO. A-1 ROBERTS
 LOCATION : 1135 FNWL, 1082 FSWL SEC: TNSP : RNG : SUR : S.W. HIGGINS A-798

FORMATION	TOP		BASE		NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
	DEPTH	SUB-SEA	DEPTH	SUB-SEA				
WILCOX GP	0	232	350	- 118	----	350	SD, SH	SUR
MIDWAY GP	350	- 118	1078	- 846	----	728	SH	ABV
NAVARRO GP	1078	- 846	1557	- 1325	0	479	SH, MRL	
TAYLOR GP	1557	- 1325	2295	- 2063	----	738	SH, MRL, SD	
AUSTIN GP	2295	- 2063	2470	- 2238	----	175	CHK	
EAGLE FORD GP	2470	- 2238	2480	- 2248	----	10	SH	
WOODBINE-BUDA FMS	2480	- 2248	2480	- 2248	----	0		UNC
LOWER GEORGETOWN FM	2480	- 2248	2640	- 2408	----	160	LS	TRC
GOODLAND-WALNUT FMS	2682	- 2450	3272	- 3040	----	590	LS, MRL, SH	EST
UPPER GLEN ROSE FM	3272	- 3040	4966	- 4734	----	1694	LS, SH, ANHY	
LOWER GLEN ROSE FM	4966	- 4734	5412	- 5180	50	446	LS, SH	
BEXAR FM	5412	- 5180	5464	- 5232	----	52	SH	
JAMES FM	5464	- 5232	5610	- 5378	0	146	LS	
PETTET-TRAVIS PLAK	5742	- 5510	6520	- 6288	30+		LS, SD, SH	TD

REMARKS
 CARTHAGE FIELD

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JUN 1971

COUNTY : UL - PANOLA WELL ID NO. : GEO2 ELEVATION : 314 TOTAL DEPTH : 6579
 OPERATOR : SKELLY OIL CO. WELL : NO.1 WERNER-JACKSON
 LOCATION : 1320 FWL, 1758 FNL SEC: TNSP : RNG : SUR : SAMUEL JACKSON A-352

FORMATION	TOP		BASE		NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
	DEPTH	SUB-SEA	DEPTH	SUB-SEA				
WILCOX GP	0	314	450	- 136	----	450	SH, SD	SUR
MIDWAY GP	450	- 136	1210	- 896	----	760	SH	ABV
NAVARRO GP	1210	- 896	1570	- 1256	0	360	SH, MRL	
TAYLOR GP	1570	- 1256	2443	- 2129	----	873	SH, MRL	
AUSTIN GP	2443	- 2129	2650	- 2336	----	207	CHK, MRL	
EAGLE FORD GP	2650	- 2336	2660	- 2346	----	10	SH	
WOODBINE-WASHITA GPS	2660	- 2346	2660	- 2346	----	0		UNC
KIAMICHI FM	2660	- 2346	2698	- 2384	----	38	LS, SH	TRC
GOODLAND-WALNUT FMS	2698	- 2384	3330	- 3016	----	632	LS, MRL, SH	
UPPER GLEN ROSE FM	3330	- 3016	5092	- 4778	----	1762	LS, SH, ANHY	
LOWER GLEN ROSE FM	5092	- 4778	5522	- 5208	45	430	LS, SH	
BEXAR FM	5522	- 5208	5621	- 5307	----	99	SH	
JAMES FM	5621	- 5307	5792	- 5478	0	171	LS	
PETTET-TRAVIS PLAK	5932	- 5618	6579	- 6265	20+		LS, SD, SH	TD

REMARKS
 CARTHAGE FIELD

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JUN 1971

COUNTY : UL - PANOLA WELL ID NO. : 6A14 ELEVATION : 338 TOTAL DEPTH : 6650
 OPERATOR : PLACID OIL CO. WELL : NO.1 M. BOULWARE, ET AL
 LOCATION : 275 FWL, 100 FSL SEC : TNSP : RNG : SUR : DANIEL TUTTLE A-662

FORMATION	DEPTH	TOP SUB-SEA	DEPTH	BASE SUB-SEA	NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
WILCOX GP	0	338	440	- 102	----	440	SD, SH	SUR
MIDWAY GP	440	- 102	1070	- 732	----	630	SH	ABV
NAVARRO GP	1070	- 732	1380	- 1042	0	310	SH, MRL	
TAYLOR GP	1380	- 1042	2290	- 1952	----	910	SH, MRL, SD	
AUSTIN GP	2290	- 1952	2530	- 2192	----	240	CHK, MRL	
EAGLE FORD GP	2530	- 2192	2530	- 2200	0	0	SH	
WOODBINE-BUDA FMS	2530	- 2200	2530	- 2200	----	0		UNC
GEORGETOWN FM	2530	- 2200	2655	- 2317	----	117	LS, MRL	TRC
GOODLAND-WALNUT FMS	2746	- 2408	3065	- 2727	----	319	LS, MRL, SH	
PALUXY FM	3065	- 2727	3250	- 2912	10	185	SH, SD	EQV
UPPER GLEN ROSE FM	3250	- 2912	5083	- 4745	----	1833	LS, SH, ANHY	
LOWER GLEN ROSE FM	5083	- 4745	5548	- 5210	120	465	LS, SH	
BEXAR FM	5548	- 5210	5605	- 5267	----	57	SH	
JAMES FM	5605	- 5267	5778	- 5440	0	173	LS	
PINE ISLAND FM	5778	- 5440	5900	- 5562	----	122	SH	
PETTET-TRAVIS PLAK	5900	- 5562	6650	- 6312	85+		LS, SD, SH	TD

REMARKS
 BETHANY FIELD

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JUN 1971

COUNTY : UL - PANOLA WELL ID NO. : 6A15 ELEVATION : 308 TOTAL DEPTH : 6747
 OPERATOR : KINSEY AND KINSEY WELL : NO.1 DUDLEY WILLIAMS
 LOCATION : 1710 FWL, 467 FSL SEC: TNSP : RNG : SUR : HENRY DUNN

FORMATION	DEPTH	TOP SUB-SEA	DEPTH	BASE SUB-SEA	NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
WILCOX GP	0	308	600	- 292	----	600	SD, SH	SUR
MIDWAY GP	600	- 292	1435	- 1127	----	835	SH	ABV
NAVARRO GP	1435	- 1127	1768	- 1460	0	333	SH, MRL	
TAYLOR GP	1768	- 1460	2580	- 2272	----	812	SH, MRL, SD	
AUSTIN GP	2580	- 2272	2782	- 2474	----	202	CHK	
EAGLE FORD-BUDA FMS	2782	- 2474	2782	- 2474	----	0		UNC
GEORGETOWN FM	2782	- 2474	2865	- 2557	----	83	LS	TRC
EDWARDS UNDIFF.	2865	- 2557	3670	- 3362	110	805	LS, MRL, SH	
UPPER GLEN ROSE FM	3670	- 3362	5350	- 5042	----	1680	LS, SH, ANHY	
LOWER GLEN ROSE FM	5350	- 5042	5750	- 5442	30	400	LS, SH	
BEXAR FM	5750	- 5442	5830	- 5522	----	80	SH, MRL	
JAMES FM	5830	- 5522	5975	- 5667	0	145	LS	
PETTET-TRAVIS PEAK	6088	- 5780	6747	- 6439	60+		LS, SH, SD	TD

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JUN 1971

COUNTY : UL - PANOLA WELL ID NO. : 6A17 ELEVATION : 241 TOTAL DEPTH : 6332
 OPERATOR : CROW DRILLING CO WELL : NO.1 FROST LBR. CO.
 LOCATION : 10560 SFNEC, 3300 FSEL SEC: TNSP : RNG : SUR : KELLEY

FORMATION	TOP		BASE		NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
	DEPTH	SUB-SEA	DEPTH	SUB-SEA				
WILCOX GP	0	241	500	- 259	----	500	SD, SH	SUR
MIDWAY GP	500	- 259	1135	- 894	----	635	SH	ABV
NAVARRO GP	1135	- 894	1570	- 1329	0	435	SH, MRL	
TAYLOR GP	1570	- 1329	2270	- 2029	----	700	SH, MRL	
AUSTIN GP	2270	- 2029	2470	- 2229	----	200	CHK	
EAGLE FORD GP	2470	- 2229	2478	- 2237	----	8	SH	
WOODBINE-BUDA FMS	2478	- 2237	2478	- 2237	----	0		UNC
GEORGETOWN FM	2478	- 2237	2660	- 2419	----	182	LS	TRC
LOWER DUCK CREEK	2590	- 2349	2660	- 2419	50	70	LS	
KIAMICHI FM	2660	- 2419	2680	- 2439	----	20	SH, LS	
GOODLAND-WALNUT FMS	2680	- 2439	3222	- 2981	----	542	LS, MRL, SH	
UPPER GLEN ROSE FM	3222	- 2981	4927	- 4686	----	1705	LS, SH, ANHY	
LOWER GLEN ROSE FM	4927	- 4686	5347	- 5106	25	420	LS, SH	
BEXAR FM	5347	- 5106	5428	- 5187	----	81	SH	
JAMES FM	5428	- 5187	5582	- 5341	0	154	LS	
PETTET-TRAVIS PEAK	5720	- 5479	6332	- 6091	15+		LS, SD, SH	TD

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JUN 1971

COUNTY : UX - RAINS WELL ID NO. : 2C7 ELEVATION : 508 TOTAL DEPTH : 13280
 OPERATOR : FOREST OIL CO. WELL : NO-1 M.R. CANNON
 LOCATION : 1740 FSL, 1470 FWL SEC : TNSP : RNG : SUR : JOEL W. HAM

FORMATION	DEPTH	TOP SUR-SEA	DEPTH	BASE SUB-SEA	NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
WILCOX GP	0	508	570	- 62	----	570	SH, SD	SUR
MIDWAY GP	570	- 62	1230	- 722	0	660	SH	ABV
NAVARRO GP	1230	- 722	1700	- 1192	22	470	SH, SD	
TAYLOR GP	1700	- 1192	3545	- 3037	----	1845	SH, MRL	
AUSTIN GP	3545	- 3037	3937	- 3429	----	392	CHK, MRL	
EAGLE FORD GP	3937	- 3429	4550	- 4042	28	613	SH, SD	
WOODBINE GP	4550	- 4042	5265	- 4757	265	715	SH, SD	
WASHITA GP	5265	- 4757	6292	- 5784	----	1027	LS, SH	
GOODLAND FM	6355	- 5847	6424	- 5916	----	69	LS	
PALUXY FM	6424	- 5916	6770	- 6262	160	346	SD, SH	
UPPER GLEN ROSE FM	6770	- 6262	7972	- 7464	----	1202	LS, SH, ANHY	
LOWER GLEN ROSE FM	7972	- 7464	8553	- 8045	150	581	LS, SH	
PETTET-TRAVIS PEAK	8553	- 8045	9975	- 9467	600	1422	SD, SH, LS	
COTTON VALLEY GP	9975	- 9467	12710	- 12202	960	2735	SD, SH, LS	
COTTON VALLEY LIME	12090	- 11582	12710	- 12202	----	620	LS	
BUCKNER FM	12710	- 12202	13200	- 12692	----	490	ANHY, SH	EST
SMACKOVER FM	13200	- 12692	13280	- 12772	----		LS, DOL	TD

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JUN 1971

COUNTY : UX - RAINS WELL ID NO. : 2C8 ELEVATION : 401 TOTAL DEPTH : 13296
 OPERATOR : HUNT INDUSTRIES WELL : NO.1 J.J. WADE
 LOCATION : 567 FSL, 1775 FEL SEC: TNSP/: RNG : SUR : GEORGE MCCRAVEY A-169

FORMATION	DEPTH	TOP SUB-SEA	DEPTH	BASE SUB-SEA	NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
WILCOX GP	0	401	465	- 64	----	465	SD, SH	SUR
MIDWAY GP	465	- 64	1005	- 604	0	540	SH	ABV
NAVARRO GP	1005	- 604	1495	- 1094	20	490	SH, SD	
TAYLOR GP	1495	- 1094	3170	- 2769	----	1675	SH, MRL	
AUSTIN GP	3170	- 2769	3638	- 3237	----	468	CHK, MRL	
EAGLE FORD GP	3638	- 3237	4202	- 3801	40	564	SH, SD	
WOODBINE GP	4202	- 3801	4938	- 4537	210	736	SD, SH	
WASHITA GP	4938	- 4537	5963	- 5562	----	1025	LS, SH	
GOODLAND FM	6017	- 5616	6092	- 5691	----	75	LS	
PALUXY GP	6092	- 5691	6438	- 6037	165	346	SD, SH	
UPPER GLEN ROSE FM	6438	- 6037	7660	- 7259	----	1222	LS, SH, ANHY	
LOWER GLEN ROSE FM	7660	- 7259	8260	- 7859	145	600	LS, SH	
PETTET-TRAVIS PEAK	8260	- 7859	9700	- 9299	500	1440	SD, SH, LS	
COTTON VALLEY GP	9700	- 9299	12420	-12019	900	2720	SD, SH, LS	EST
COTTON VALLEY LIME	11740	-11339	12420	-12019	----	680	LS	
BUCKNER FM	12420	-12019	13020	-12619	----	600	SH, ANHY	EST
SMACKOVER FM	13020	-12619	13296	-12895	----		LS, DOL	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : UX - RAINS WELL ID NO. : 2C24 ELEVATION : 425 TOTAL DEPTH : 12740
 OPERATOR : R.J. CARAWAY, SMITH WELL : NO.1 S.M. GILLEY
 LOCATION : 4650 FSL, 3080 FEL SEC: TNSP : RNG : SUR : ISAAC KNEELAND A-131

FORMATION	DEPTH	TOP SUB-SEA	DEPTH	BASE SUB-SEA	NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
WILCOX GP	0	425	700	- 275	----	700	SD, SH	SUR
MIDWAY GP	700	- 275	1415	- 990	0	715	SH	ABV
NAVARRO GP	1415	- 990	1905	- 1480	50	490	SH, SD	
TAYLOR GP	1905	- 1480	3670	- 3245	----	1765	SH, MRL	
AUSTIN GP	3670	- 3245	4010	- 3585	----	340	CHK, MRL	
EAGLE FORD GP	4010	- 3585	4500	- 4075	30	490	SH, SD	
WOODBINE GP	4500	- 4075	5265	- 4840	290	765	SD, SH	
WASHITA GP	5265	- 4840	6325	- 5900	----	1060	LS, SH	
GOODLAND FM	6383	- 5958	6456	- 6031	----	73	LS	
PALUXY FM	6456	- 6031	6835	- 6410	185	379	SD, SH	
UPPER GLEN ROSE FM	6835	- 6410	8140	- 7715	----	1305	LS, SH, ANHY	
LOWER GLEN ROSE FM	8140	- 7715	8765	- 8340	138	625	LS, SH	
PETTET-TRAVIS PEAK	8765	- 8340	10210	- 9785	630	1445	SD, SH, LS	
COTTON VALLEY GP	10210	- 9785	12713	- 12288	940	2503	SD, SH, LS	
SALT	12713	- 12288	12740	- 12315	----			TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : WB - RED RIVER WELL ID NO. : 2A1 ELEVATION : 410 TOTAL DEPTH : 2139
 OPERATOR : J.B. WHITE WELL : NO.1 KURTH LUMBER CO.
 LOCATION : 660 FWL, 3260 FNL SEC: TNSP : RNG : SUR : ELIZABETH SMITH

FORMATION	DEPTH	TOP SUB-SEA	DEPTH	BASE SUB-SEA	NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
EAGLE FORD GP	0	410	235	175	60	235	SH, SD	SUR
WOODBINE GP	235	175	516	- 106	12	281	SH, SD	
WASHITA GP	516	- 106	782	- 372	----	266	LS, SH	
GOODLAND FM	830	- 420	868	- 458	----	38	LS	
PALUXY FM	868	- 458	1200	- 790	170	332	SD, SH, LS	
UPPER GLEN ROSE FM	1200	- 790	1650	- 1240	30	450	SD, SH, ANHY	
LOWER GLEN ROSE FM	1650	- 1240	1955	- 1545	135	305	LS, SH	
TRAVIS PEAK FM	1934	- 1524	2105	- 1695	20	171	SH, SD, LS	
QUACHITA FACIES	2105	- 1695	2139	- 1729	----			TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : WB - RED RIVER WELL ID NO. : 2A2 ELEVATION : 480 TOTAL DEPTH : 1790
 OPERATOR : BRETT DRLG. CO. WELL : NO.1 INTERNATIONAL PAPER
 LOCATION : 6900 F⁵¹, 1090 FEL SEC: TNSP : RNG : SUR : ASA JARMAN A-471

FORMATION	TOP		BASE		NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
	DEPTH	SUB-SEA	DEPTH	SUB-SEA				
AUSTIN GP	0	480	50	430	----	50	MRL, CHK	SUR
EAGLE FORD GP	50	430	405	75	60	355	SH, SD	ABV
WOODBINE GP	405	75	700	- 220	25	295	SH, SD	
WASHITA GP	700	- 220	980	- 508	----	288	LS, SH	
GOODLAND FM	1008	- 528	1038	- 558	----	30	LS	
PALUXY FM	1038	- 558	1412	- 932	205	374	SD, SH,	
UPPER GLEN ROSE FM	1412	- 932	1790	- 1310	45		SD, SH, ANHY	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : WB - RED RIVER WELL ID NO. : 2A3 ELEVATION : 415 TOTAL DEPTH : 3087
 OPERATOR : H. M. BOWDEN WELL : NO.1 C.O. WELCH
 LOCATION : 330 FSL, 330 FEL SEC: TNSP : RNG : SUR : J. CALLOWAY

FORMATION	TOP		BASE		NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
	DEPTH	SUB-SEA	DEPTH	SUB-SEA				
TAYLOR GP	0	415	380	35	----	380	SH, MRL	SUR
AUSTIN GP	380	35	800	- 385	----	420	MRL, SH,CHK	EST
EAGLE FORD GP	800	- 385	1145	- 730	60	345	SH, SD	
WOODBINE GP	1145	- 730	1570	- 1155	85	425	SH, SD	
WASHITA GP	1570	- 1155	1980	- 1565	----	410	LS, SH	
GOODLAND FM	2020	- 1605	2030	- 1615	----	10	LS	
PALUXY FM	2030	- 1615	2342	- 1927	150	312	SD, SH	
UPPER GLEN ROSE FM	2342	- 1927	2995	- 2580	----	653	SD, SH, LS	
LOWER GLEN ROSE FM	2995	- 2580	3087	- 2672	40+		SD, SH	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : WB - RED RIVER WELL ID NO. : 2B17 ELEVATION : 416 TOTAL DEPTH : 7210
 OPERATOR : RANCHO OIL CO. WELL : NO.1 DAVENPORT
 LOCATION : 1800 FSL. 5193 FEL SEC: TNSP : RNG : SUR : JAMES R. MYRD A-552

FORMATION	TOP		BASE		NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
	DEPTH	SUB-SEA	DEPTH	SUB-SEA				
NAVARRO GP	0	416	380	36	40*	380	SH	SUR
TAYLOR GP	380	36	1656	- 1240	----	1276	SH, MRL, SD	
AUSTIN GP	1656	- 1240	1798	- 1382	----	142	MRL, CHK	
EAGLE FORD GP	1798	- 1382	2179	- 1763	120	381	SH, SD	
WOODBINE GP	2179	- 1763	2680	- 2264	120	501	SH, SD	
WASHITA GP	2680	- 2264	3215	- 2799	----	535	LS, SH	
GOODLAND FM	3265	- 2849	3278	- 2862	----	13	LS	
PALUXY FM	3278	- 2862	3652	- 3236	170	374	SD, SH, LS	
UPPER GLEN ROSE FM	3652	- 3236	4435	- 4019	70	783	LS, SH, ANHY	
LOWER GLEN ROSE FM	4435	- 4019	4865	- 4449	195	430	LS, SH	
TRAVIS PEAK FM	4865	- 4449	5490	- 5074	415	625	SD, SH, LS	
COTTON VALLEY GP	5490	- 5074	6518	- 6102	240	1028	SD, SH, LS	EST
COTTON VALLEY LIME	6480	- 6064	6518	- 6102	----	38	LS	
BUCKNER FM	6518	- 6102	6884	- 6468	----	366	SH, ANHY	
SMACKOVER FM	6884	- 6468	7160	- 6744	----	276	LS, DOL	
EAGLE MILLS GP	7160	- 6744	7210	- 6794	----		SH, SD	TD

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JUN 1971

COUNTY : WB - RED RIVER WELL ID NO. : 3A1 ELEVATION : 357 TOTAL DEPTH : 5008
 OPERATOR : C.A. LEE WELL : NO.1 MARTIN STILES
 LOCATION : 2200 FEL, 1300 FNL SEC : TNSP : RNG : SUR : JOSEPH WAGLEY

FORMATION	DEPTH	TOP SUB-SEA	DEPTH	BASE SUB-SEA	NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
TAYLOR GP	0	357	820	- 463	----	820	SH, MRL	SUR
AUSTIN GP	820	- 463	1202	- 845	----	382	CHK	
EAGLE FORD GP	1202	- 845	1422	- 1065	55	220	SH, SD	
WOODBINE GP	1422	- 1065	1748	- 1391	30	326	SD, SH	
WASHITA GP	1748	- 1391	2148	- 1791	----	400	LS, SH	
GOODLAND-WALNUT FMS	2190	- 1833	2217	- 1860	----	27	LS	
PALUXY FM	2217	- 1860	2642	- 2285	170	425	SD, SH	
UPPER GLEN ROSE FM	2642	- 2285	3280	- 2923	45	638	SD, SH, ANHY	EQV
LOWER GLEN ROSE FM	3280	- 2923	3590	- 3233	75	310	LS, SH, SD	EQV
PETTET-TRAVIS PLAK	3590	- 3233	4129	- 3772	250	539	SD, SH, LS	EQV
COTTON VALLEY GP	4129	- 3772	4548	- 4191	55	419	SD, SH, LS	EQV
PALEOZOIC	4548	- 4191	5008	- 4651	----		SD, SH	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : WB - RED RIVER WELL ID NO. : 3A2 ELEVATION : 384 TOTAL DEPTH : 3354

OPERATOR : TYOKA PETP. CORP WELL : NO.1 ISABEL STILES

LOCATION : 476 FSL, 750 FEL SEC : TNSP : RNG : SUR : M.Y. HEAD

FORMATION	DEPTH	TOP SUB-SEA	DEPTH	BASE SUB-SEA	NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
TAYLOR GP	0	384	325	59	----	325	SH, MRL	SUR
AUSTIN GP	325	59	718	- 334	----	393	CHK	
EAGLE FORD GP	718	- 334	910	- 526	40	192	SH	
WOODBINE GP	910	- 526	1204	- 820	15	294	SD, SH	
WASHITA GP	1204	- 820	1500	- 1116	----	296	LS, SH	
GOODLAND-WALNUT FMS	1520	- 1136	1560	- 1176	----	40	LS	
PALUXY FM	1560	- 1176	1920	- 1536	145	360	SD, SH	
UPPER GLEN ROSE FM	1920	- 1536	2520	- 2136	75	600	SD, SH, ANHY	EQV
LOWER GLEN ROSE FM	2520	- 2136	2907	- 2523	85	387	LS, SH, SD	EQV
TRAVIS PEAK	2907	- 2523	3093	- 2709	55	186	SD, SH, LS	EQV
COTTON VALLEY GP	3093	- 2709	3270	- 2886	28	177	SD, SH, LS	EQV
PALEOZOIC	3270	- 2886	3354	- 2970	----		SH	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET
 CORE LABORATORIES INC, E AND C DEPT.

JUL 1971

COUNTY : WK - ROBERTSON WELL ID NO. : 4C12 ELEVATION : 401 TOTAL DEPTH : 7680
 OPERATOR : GULLEY, LONG, HEDGE WELL : NO. 1 J. J. BRAY
 LOCATION : 10420 FNWL, 6360 FSWL SEC : TNSP : RNG : SUR : C. ROBERTS A-312

FORMATION	TOP		BASE		NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
	DEPTH	SUB-SEA	DEPTH	SUB-SEA				
WILCOX GP	0	401	920	- 519	----	920	SH, SD	SUR
MIDWAY GP	920	- 519	1735	- 1334	----	815	SH	ABV
NAVARRO GP	1735	- 1334	2425	- 2024	10	690	SH, SD	
TAYLOR GP	2425	- 2024	3732	- 3331	----	1307	SH, MRL	
AUSTIN GP	3732	- 3331	4048	- 3647	----	316	CHK	
EAGLE FORD GP	4048	- 3647	4390	- 3989	0	342	SH, SDY SH	
WOODBINE GP	4390	- 3989	4593	- 4192	0	203	SH, SDY SH	EQV
WASHITA GP	4593	- 4192	5170	- 4769	----	577	LS, SH	
EDWARDS UNDIFF. FM	5190	- 4789	5792	- 5391	5	602	LS, MRL, SH	
UPPER GLEN ROSE FM	5792	- 5391	6890	- 6489	----	1098	LS, SH, ANHY	
LOWER GLEN ROSE FM	6890	- 6489	7270	- 6869	45	380	LS, SH, SD	
BEXAR FM	7270	- 6869	7315	- 6914	----	45	SH, SDY SH	
JAMES FM	7315	- 6914	7382	- 6981	----	67	LS	
PETTET-TRAVIS PEAK	7435	- 7034	7680	- 7279	25+		SD, LS, SH	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : WK - ROBERTSON WELL ID NO. : 4C15 ELEVATION : 459 TOTAL DEPTH : 9590
 OPERATOR : R.J. CARAWAY WELL : NO.1 HERMAN YEZAK
 LOCATION : 6100 FNWL, 4300 FNEL SEC : TNSP : RNG : SUR : HUGH DAVLIN A-125

FORMATION	DEPTH	TOP SUB-SEA	DEPTH	BASE SUB-SEA	NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
WILCOX GP	0	459	350	109	0	350	SH, SD	SUR
MIDWAY GP	350	109	1235	- 776	0	885	SH	
NAVARRO GP	1235	- 776	1904	- 1445	7	669	SH, SD	
TAYLOR GP	1904	- 1445	3292	- 2833	----	1388	SH, MRL	
AUSTIN GP	3292	- 2833	3812	- 3353	----	520	CHK	
EAGLE FORD GP	3812	- 3353	3645	- 3186	0	167	SH	
WOODBINE GP	3645	- 3186	3826	- 3367	0	181	SH	EQV
WASHITA GP	3826	- 3367	4222	- 3763	----	396	LS, SH	
EDWARDS-WALNUT FMS	4240	- 3781	4710	- 4251	20	470	LS, SH	
UPPER GLEN ROSE FM	4710	- 4251	5530	- 5071	15	820	LS, SH, ANHY	
LOWER GLEN ROSE FM	5530	- 5071	5900	- 5441	65	370	LS, SH	
BEXAR FM	5900	- 5441	5950	- 5491	----	50	SH	
JAMES FM	5950	- 5491	5990	- 5531	----	40	LS	
PETTET-TRAVIS PFAK	6030	- 5571	7850	- 7391	450	1820	SD, SH, LS	
COTTON VALLEY GP	7850	- 7391	9110	- 8651	120	1260	SD, SH, LS	EST
COTTON VALLEY LIME	8610	- 8151	8970	- 8511	----	360	LS	
BUCKNER FM	9110	- 8651	9370	- 8911	----	260	SH, ANHY	EST
SMACKOVER FM	9370	- 8911	9590	- 9131	----		LS, DOL	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : WK - ROBERTSON WELL ID NO. : 4C18 ELEVATION : 340 TOTAL DEPTH : 9453
 OPERATOR : TEXAS GAS AND DUNLAP WELL : NO.1 MOZELLE KELLOGG
 LOCATION : 1500 FSWL, 1320 FSEL SEC : TNSP : RNG : SUR : JAMES W. HILL A-178

FORMATION	DEPTH	TOP SUB-SEA	DEPTH	BASE SUB-SEA	NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
WILCOX GP	0	340	1505	- 1165	0	1505	SHY SD, SH	SUR
MIDWAY GP	1505	- 1165	2665	- 2325	0	1160	SH, SHY SD	
NAVARRO GP	2665	- 2325	3328	- 2988	0	663	SH	
TAYLOR GP	3328	- 2988	4710	- 4370	----	1382	SH, MRL	
AUSTIN GP	4710	- 4370	5005	- 4665	----	295	CHK	
EAGLE FORD GP	5005	- 4665	5325	- 4985	0	320	SH, SDY SH	
WOODBINE GP	5325	- 4985	5620	- 5280	0	295	SH, SDY SH	EQV
WASHITA GP	5620	- 5280	6198	- 5858	----	578	LS, SH	
EDWARDS UNDIFF. FMS	6220	- 5880	6893	- 6553	10	673	LS, MRL	
UPPER GLEN ROSE FM	6893	- 6553	8020	- 7680	----	1127	LS, SH, ANHY	
LOWER GLEN ROSE FM	8020	- 7680	8515	- 8175	85	495	LS, SH	
BEXAR FM	8515	- 8175	8640	- 8300	----	125	SH	
JAMES FM	8640	- 8300	8745	- 8405	0	105	LS, SH	
PINE ISLAND FM	8745	- 8405	8795	- 8455	----	50	SH	
SLIGO-HOUSTON FMS	8795	- 8455	9453	- 9113	45+		SD, SH, LS	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : WK - ROBERTSON WELL ID NO. : 4C19 ELEVATION : 327 TOTAL DEPTH : 9177
 OPERATOR : HILL - SHELL WELL : NO.1 HILL - ANDERSON
 LOCATION : 15760 FNEL, 660 FSEL SEC: TNSP : RNG : SUR : JOSEPH WEBB

FORMATION	DEPTH	TOP SUB-SEA	DEPTH	BASE SUB-SEA	NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
WILCOX GP	0	327	1365	- 1038	430	1365	SD, SH	
MIDWAY GP	1365	- 1038	2360	- 2033	75	995	SH, SD	
NAVARRO GP	2360	- 2033	3070	- 2743	0	710	SH	
TAYLOR GP	3070	- 2743	4592	- 4265	----	1522	SH, MRL	
AUSTIN GP	4592	- 4265	4805	- 4478	----	213	CHK	
EAGLE FORD GP	4805	- 4478	5000	- 4673	0	195	SH, SDY SH	
WOODBINE GP	5000	- 4673	5189	- 4862	0	189	SH	EQU
WASHITA GP	5189	- 4862	5630	- 5303	----	441	LS, SH	
EDWARDS UNDIFF. FMS	5648	- 5321	6225	- 5898	40	577	LS, SH, MRL	
UPPER GLEN ROSE FM	6225	- 5898	6970	- 6643	----	745	LS, SH	
PINE ISLAND FM	6970	- 6643	7000	- 6673	----	30	SH	FLT
SLIGO-HOUSTON	7000	- 6673	8700	- 8373	480	1700	SD, SH, LS	
COTTON VALLEY GP	8700	- 8373	9177	- 8850	45+		SD, SH	TD

REMARKS
 640 FT. F/O AT 6970 (-6643)

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET
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JUN 1971

COUNTY : WK - ROBERTSON WELL ID NO. : 4C21 ELEVATION : 473 TOTAL DEPTH : 17686
 OPERATOR : SHELL OIL CO. WELL : NO.1 D. J. HAMILTON
 LOCATION : 6000 FSEL, 5450 FNEL SEC: TNSP : RNG : SUR : FRANCIS SLAUTER A-335

FORMATION	DEPTH	TOP SUB-SEA	DEPTH	BASE SUB-SEA	NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
WILCOX GP	0	473	2070	- 1597	175	2070	SHY SD, SD	SUR
MIDWAY GP	2070	- 1597	3195	- 2722	30	1125	SH, SD	
NAVARRO GP	3195	- 2722	3915	- 3442	0	720	SH, SD, LS	
TAYLOR GP	3915	- 3442	5290	- 4817	----	1375	SH, MRL	
AUSTIN GP	5290	- 4817	5567	- 5094	----	277	CHK	
EAGLE FORD GP	5567	- 5094	5790	- 5317	0	223	SH, SHY SD	
WOODBINE GP	5790	- 5317	6050	- 5577	0	260	SH, SHY SD	EQV
WASHITA GP	6050	- 5577	6520	- 6047	----	470	LS, SH	
EDWARDS UNDIFF. FMS	6535	- 6062	7200	- 6727	40	665	LS, SH	
UPPER GLEN ROSE FM	7200	- 6727	8270	- 7797	----	1070	LS, SH, ANHY	
LOWER GLEN ROSE FM	8270	- 7797	8725	- 8252	70	455	LS, SH	
BEXAR FM	8725	- 8252	8842	- 8369	----	117	SH	
JAMES FM	8842	- 8369	8920	- 8447	0	78	LS	
SLIGO-HOSSTON FMS	8965	- 8492	12350	-11877	510	3385	LS, SD, SH	
COTTON VALLEY GP	12350	-11877	16515	-16042	65	4165	SH, SD, LS	EST
COTTON VALLEY LIME	15035	-14562	16515	-16042	----	1480	LS	EST
BUCKNER FM	16515	-16042	17270	-16797	----	755	LS, SH	EST
SMACKOVER FM	17270	-16797	17686	-17213	----		LS, DOL	TD

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JUN 1971

COUNTY : WK - ROBERTSON WELL ID NO. : 15A06 ELEVATION : 510 TOTAL DEPTH : 17424
 OPERATOR : HUMBLE OIL AND REF CO WELL : NO.1 H.B. MICHAEL
 LOCATION : 1200 FSL, 4300 FEL SEC: TNSP : RNG : SUR : SARAH WALKER A-357

FORMATION	TOP		BASE		NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
	DEPTH	SUB-SEA	DEPTH	SUB-SEA				
CARRIZO-WILCOX GP	0	510	2270	- 1760	850+	2270	SD, SH	
AUSTIN GP	5510	- 5000	5734	- 5224	----	224	CHK, MRL	
EAGLE FORD-WOODBINE	5734	- 5224	6165	- 5655	0	431	SH	EQV
WASHITA GP	6165	- 5655	6640	- 6130	----	475	LS, SH	
EDWARDS	6640	- 6130	7230	- 6720	40	590	LS, DOL	
GLEN ROSE FM	7230	- 6720	8720	- 8210	----	1490	LS, DOL	
PEARSALL FM	8720	- 8210	9045	- 8535	----	325	SH, LS	
SLIGO-HOSSTON	9045	- 8535	12340	-11830	----	3295	LS, SH, SD	

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET

CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : WK - ROBERTSON WELL ID NO. : 15A07 ELEVATION : 398 TOTAL DEPTH : 10514

OPERATOR : WACKER WELL : NO.1 TOWLER

LOCATION : 700 FWL, 600 FNL SEC: TNSP : RNG : SUR : WM MARSH

FORMATION	TOP		BASE		NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
	DEPTH	SUB-SEA	DEPTH	SUB-SEA				
CARRIZO-WILCOX SD	1000	- 602	3570	- 3172	50+	2570	SD, SH	SUR
AUSTIN GP	6610	- 6212	6810	- 6412	----	200	CHK, MRL	
EAGLE FORD-WOODBINE	6810	- 6412	7258	- 6860	0	448	SH	EQV
WASHITA GP	7258	- 6860	7563	- 7165	----	305	LS, SH	
EDWARDS FM	7580	- 7182	8162	- 7764	105	582	LS, SH	
GLEN ROSE FM	8162	- 7764	9732	- 9334	----	1570	LS, DOL, SH	
PEARSALL FM	9732	- 9334	10120	- 9722	----	388	SH, LS	
SLIGO FM	10120	- 9722	10514	-10116	----		LS, SH	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : WL - ROCKWALL WELL ID NO. : 1B7 ELEVATION : 507 TOTAL DEPTH : 7120
 OPERATOR : ROTARY DRILLING, INC. WELL : NO.1 B.B. MEYERS ET AL
 LOCATION : 6780 FSWL, 467 FNWL SEC: TNSP : RNG : SUR : KING LATHAM A-133

FORMATION	TOP		BASE		NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
	DEPTH	SUB-SEA	DEPTH	SUB-SEA				
TAYLOR GP	0	507	984	- 477	----	984	SH, MRL, SD	SUR
AUSTIN GP	984	- 477	1638	- 1131	----	654	MRL, CHK	
EAGLE FORD GP	1638	- 1131	2130	- 1623	5	492	SH, SD	
WOODBINE GP	2130	- 1623	2691	- 2184	167	561	SD, SH	
WASHITA GP	2691	- 2184	3325	- 2818	----	634	LS, SH	
GOODLAND FM	3369	- 2862	3440	- 2933	----	71	LS	
PALUXY FM	3440	- 2933	3835	- 3328	120	395	SD, SH, LS	
UPPER GLEN ROSE FM	3835	- 3328	4400	- 3893	----	565	LS, SH, ANHY	EST
LOWER GLEN ROSE FM	4400	- 3893	4824	- 4317	125	424	LS, SH, SD	
TRAVIS PEAK FM	4824	- 4317	5905	- 5398	535	1081	SD, SH, LS	
COTTON VALLEY GP	5905	- 5398	6410	- 5903	265	505	SD, SH, LS	EST
BUCKNER FM	6410	- 5903	6678	- 6171	----	268	SH, ANHY	
SMACKOVER FM	6678	- 6171	6763	- 6256	----	85	LS	
OUACHITA FACIES	6763	- 6256	7120	- 6613	----			TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : WR - RUSK WELL ID NO. : 6AR ELEVATION : 493 TOTAL DEPTH : 12528
 OPERATOR : AMER. PETROFINA ETAL WELL : NO.1 LLOYD BROS. GAS UNIT
 LOCATION : 2550 FNL, 5400 FEL SEC: TNSP : RNG : SUR : J.C. DE LA VINA A-41

FORMATION	TOP		BASE		NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
	DEPTH	SUB-SEA	DEPTH	SUB-SEA				
CLAIBORNE GP	0	493	130	363	----	130		SUR
WILCOX GP	130	363	1040	- 547	----	910	SD, SH	ABV
MIDWAY GP	1040	- 547	1920	- 1427	0	880	SH	ABV
NAVARRO GP	1920	- 1427	2330	- 1837	0	410	SH, MRL	
TAYLOR GP	2330	- 1837	3280	- 2787	----	950	SH, MRL	
AUSTIN GP	3280	- 2787	3380	- 2887	----	100	CHK	
EAGLE FORD-WOODBINE	3380	- 2887	3380	- 2887	----	0		UNC
WASHITA GP	3380	- 2887	4415	- 3922	----	1035	LS, SH	TRC
LOWER DUCK CREEK	4270	- 3777	4415	- 3922	30	145	LS	
KIAMICHI FM	4415	- 3922	4480	- 3987	----	65	LS, SH	
GOODLAND-WALNUT FMS	4480	- 3987	4930	- 4437	----	450	LS, MRL, SH	
UPPER GLEN ROSE FM	4930	- 4437	6570	- 6077	----	1640	LS, SH, ANHY	
LOWER GLEN ROSE FM	6570	- 6077	6987	- 6494	33	417	LS, SH	
BEXAR FM	6987	- 6494	7032	- 6539	----	45	SH, MRL	
JAMES FM	7032	- 6539	7169	- 6676	0	137	LS	
PETTET-TRAVIS PLAK	7270	- 6777	9265	- 8772	230	1995	SD, SH, LS	
COTTON VALLEY GP	9265	- 8772	12040	-11547	380	2775	SH, LS, SD	EST
COTTON VALLEY LIME	11585	-11092	12040	-11547	----	455	LS	
SMACKOVER FM	12040	-11547	12505	-12012	----	465	LS, SH	EQV
SALT	12505	-12012	12528	-12035	----			TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : WR - RUSK WELL ID NO. : 6A9 ELEVATION : 466 TOTAL DEPTH : 7607
 OPERATOR : LA GLORIA CORP. WELL : NO.1 NONIE STRONG
 LOCATION : 1250 FNL, 330 FNL SEC: TNSP : RNG : SUR : G.S. HYDE

FORMATION	TOP		BASE		NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
	DEPTH	SUB-SEA	DEPTH	SUB-SEA				
WILCOX GP	0	466	1050	- 584	----	1050	SD, SH	SUR
MIDWAY GP	1050	- 584	1815	- 1349	0	765	SH	
NAVARRO GP	1815	- 1349	2350	- 1884	0	535	SH, MRL	
TAYLOR GP	2350	- 1884	3185	- 2719	----	835	SH, MRL	
AUSTIN GP	3185	- 2719	3295	- 2829	----	110	CHK	
EAGLE FORD-JUDA FMS	3295	- 2829	3295	- 2829	----	0		UNC
GEORGETOWN FM	3295	- 2829	4028	- 3562	----	733	LS, SH	TRC
LOWER DUCK CREEK	3840	- 3374	4028	- 3562	30	188	LS	
KIAMICHI FM	4028	- 3562	4090	- 3624	----	62	LS, SH	
GOODLAND-WALNUT FMS	4090	- 3624	4580	- 4114	----	490	LS, MRL, SH	
UPPER GLEN ROSE FM	4580	- 4114	6260	- 5794	----	1680	LS, SH, ANHY	
LOWER GLEN ROSE FM	6260	- 5794	6695	- 6229	40	435	LS, SH	
BEXAR FM	6695	- 6229	6743	- 6277	----	48	SH	
JAMES FM	6743	- 6277	6870	- 6404	0	127	LS	
PETTET-TRAVIS PLAK	6990	- 6524	7607	- 7141	65+		LS, SH, SD	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : WR - RUSK WELL ID NO. : 6A10 ELEVATION : 331 TOTAL DEPTH : 7920
 OPERATOR : SID E. SCARBOROUGH WELL : NO.1 MARTIN S. BARRON
 LOCATION : 660 FNL, 660 FEL SEC: TNSP : RNG : SUR : J.F. BROWN A-117

FORMATION	TOP		BASE		NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
	DEPTH	SUB-SEA	DEPTH	SUB-SEA				
WILCOX GP	0	331	1460	- 1129	----	1460	SD, SH	SUR
MIDWAY GP	1460	- 1129	2090	- 1759	0	630	SH	ABV
NAVARRO GP	2090	- 1759	2550	- 2219	0	460	SH, MRL	
TAYLOR GP	2550	- 2219	3470	- 3139	----	920	SH, MRL	
AUSTIN GP	3470	- 3139	3621	- 3290	----	151	CHK	
EAGLE FORD GP	3621	- 3290	3621	- 3290	----	0		UNC
WOODBINE GP	3621	- 3290	3760	- 3429	55	139	SD, SH	TRC
WASHITA GP	3760	- 3429	4730	- 4399	----	970	LS, SH	
LOWER DUCK CREEK	4610	- 4279	4730	- 4399	35	120	LS	
KIAMICHI FM	4730	- 4399	4798	- 4467	----	68	LS, SH	
GOODLAND-WALNUT FMS	4798	- 4467	5253	- 4922	----	455	LS, MRL, SH	
UPPER GLEN ROSE FM	5253	- 4922	6911	- 6580	----	1658	LS, SH, ANHY	
LOWER GLEN ROSE FM	6911	- 6580	7325	- 6994	48	414	LS, SH	
BEXAR FM	7325	- 6994	7370	- 7039	----	45	SH, MRL	
JAMES FM	7370	- 7039	7490	- 7159	0	120	LS	
PETTET-TRAVIS PLAK	7613	- 7282	7920	- 7589	20+		LS, SH, SD	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : WR - RUSK WELL ID NO. : 6A11 ELEVATION : 535 TOTAL DEPTH : 7765
 OPERATOR : NATIONAL GAS AND OIL WELL : NO.1 A.A. POOVEY
 LOCATION : 460 FEL, 330 FNL SEC : TNSP : RNG : SUR : DEWITT LYONS

FORMATION	TOP		BASE		NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
	DEPTH	SUB-SEA	DEPTH	SUB-SEA				
MIDWAY GP	1480	- 945	1980	- 1445	-----	500	SH	ABV
NAVARRO GP	1980	- 1445	2430	- 1895	0	450	SH, MRL	
TAYLOR GP	2430	- 1895	3193	- 2658	-----	763	SH, MRL	
AUSTIN GP	3193	- 2658	3370	- 2835	-----	177	CHK	
EAGLE FORD-BUDA FMS	3370	- 2835	3370	- 2835	-----	0		UNC
GEORGETOWN FM	3370	- 2835	4000	- 3465	-----	630	LS	TRC
LOWER DUCK CREEK	3845	- 3310	4000	- 3465	40	155	LS	
KIANICHI FM	4000	- 3465	4058	- 3523	-----	58	LS, SH	
GOODLAND-WALNUT FMS	4058	- 3523	4576	- 4041	-----	518	LS, MRL, SH	
UPPER GLEN ROSE FM	4576	- 4041	6257	- 5722	-----	1681	LS, SH, ANHY	
LOWER GLEN ROSE FM	6257	- 5722	6636	- 6101	30	379	LS, SH	
BEXAR FM	6636	- 6101	6735	- 6200	-----	99	SH, MRL	
JAMES FM	6735	- 6200	6865	- 6330	0	130	LS	
PETTET-TRAVIS PEAK	6988	- 6453	7765	- 7230	65+		LS, SH, SD	TD

REMARKS
 MINDEN FIELD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : WR - RUSK WELL ID NO. : 6A13 ELEVATION : 314 TOTAL DEPTH : 7464
 OPERATOR : PAN AMERICAN PROD. CO WELL : NO.1 MARTIN
 LOCATION : 6025 FNL, 7050 FNL SEC: TNSP : RNG : SUR : THOMAS OBAR A-26

FORMATION	DEPTH	TOP SUB-SEA	DEPTH	BASE SUB-SEA	NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
WILCOX GP	0	314	750	- 436	----	750	SD, SH	SUR
MIDWAY GP	750	- 436	1510	- 1196	----	760	SH	
NAVARRO GP	1510	- 1196	2020	- 1706	0	510	SH, MRL	
TAYLOR GP	2020	- 1706	2878	- 2564	----	858	SH, MRL	
AUSTIN GP	2878	- 2564	3002	- 2688	----	124	CHK	
EAGLE FORD-BUDA FMS	3002	- 2688	3002	- 2688	----	0		UNC
GEORGETOWN FM	3002	- 2688	3690	- 3376	----	688	LS, SH	TRC
GOODLAND-WALNUT FMS	3770	- 3456	4257	- 3943	----	487	LS, MRL, SH	
UPPER GLEN ROSE FM	4257	- 3943	5910	- 5596	----	1653	LS, SH, ANHY	
LOWER GLEN ROSE FM	5910	- 5596	6330	- 6016	40	420	LS, SH	
BEXAR FM	6330	- 6016	6390	- 6076	----	60	SH	
JAMES FM	6390	- 6076	6520	- 6206	0	130	LS	
PINE ISLAND FM	6520	- 6206	6648	- 6334	----	128	SH	
PETTET-TRAVIS PEAK	6648	- 6334	7464	- 7150	100+		LS, SD, SH	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : WR - RUSK WELL ID NO. : 681 ELEVATION : 381 TOTAL DEPTH : 8800
 OPERATOR : HUMBLE OIL AND REF. WELL : NO.1 TEXANA MCCARLEY
 LOCATION : 467 FSL, 2500 FWL SEC: TNSP : RNG : SUR : M.F. HEUJAS

FORMATION	TOP		BASE		NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
	DEPTH	SUB-SEA	DEPTH	SUB-SEA				
WILCOX GP	0	381	1430	- 1049	----	1430	SD, SH	SUR
MIDWAY GP	1430	- 1049	2225	- 1844	0	795	SH	
NAVARRO GP	2225	- 1844	2690	- 2309	0	465	SH, MRL	
TAYLOR GP	2690	- 2309	3415	- 3034	----	725	SH, MRL	
AUSTIN GP	3415	- 3034	3630	- 3249	----	215	CHK	
EAGLE FORD-WOODBINE	3630	- 3249	3630	- 3249	----	0		UNC
WASHITA GP	3630	- 3249	4295	- 3914	----	665	LS, SH	TRC
LOWER DUCK CREEK	4150	- 3769	4295	- 3914	35	145	LS	
KIAMICHI FM	4295	- 3914	4345	- 3964	----	50	SH, LS	
GOODLAND-WALNUT FMS	4345	- 3964	4890	- 4509	----	545	LS, MRL, SH	
UPPER GLEN ROSE FM	4890	- 4509	6580	- 6199	----	1690	LS, SH, ANHY	
LOWER GLEN ROSE FM	6580	- 6199	6905	- 6524	30	325	LS, SH	
BEXAR FM	6905	- 6524	7050	- 6669	----	145	SH, SHY LS	EQU
JAMES FM	7050	- 6669	7183	- 6802	10	133	LS	
PETTET-TRAVIS PEAK	7297	- 6916	8800	- 8419	250+		LS, SH, SD	TU

REMARKS
 TRAWICK FIELD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : WT - SAN AUGUSTINE WELL ID NO. : 6B13 ELEVATION : 421 TOTAL DEPTH : 9187
 OPERATOR : FAIRWAY OIL AND GAS WELL : NO-1 PEARL MATHEWS
 LOCATION : 990 FEL. 2310 FSL SEC: TNSP : RNG : SUR : I AND GN RR A-392

FORMATION	TOP		BASE		NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
	DEPTH	SUR-SEA	DEPTH	SUB-SEA				
CLAIBORNE GP	0	421	465	- 44	----	465	SD, SH	SUR
WILCOX GP	465	- 44	2485	- 2064	----	2020	SD, SH	
MIDWAY GP	2485	- 2064	3480	- 3059	0	995	SH	
NAVARRO GP	3480	- 3059	3745	- 3324	0	265	SH, MRL	
TAYLOR GP	3745	- 3324	4590	- 4169	----	845	SH, MRL	
AUSTIN GP	4590	- 4169	4905	- 4484	----	315	CHK	
EAGLE FORD GP	4905	- 4484	4948	- 4527	0	43	SH	
WOODBINE-BUDA FMS	4948	- 4527	4948	- 4527	----	0		UNC
EDWARDS UNDIFF.	4948	- 4527	5650	- 5229	115	702	LS, MRL, SH	TRC
UPPER GLEN ROSE FM	5650	- 5229	7245	- 6824	----	1595	LS, SH, ANHY	
LOWER GLEN ROSE FM	7245	- 6824	7622	- 7201	60	377	LS, SH	
BEXAR FM	7622	- 7201	7753	- 7332	----	131	SH	
JAMES FM	7753	- 7332	7972	- 7551	25	219	LS	
PETTET-TRAVIS PEAK	8060	- 7639	9187	- 8766	20+		LS, SD, SH	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : XB - SHELBY WELL ID NO. : 681 ELEVATION : 333 TOTAL DEPTH : 12533
 OPERATOR : AMERADA PET. CORP. WELL : NO.1 LULA BELL STRICKLAND
 LOCATION : 1250 FSEL, 1200 FSWL SEC : TNSP : RNG : SUR : RICHARD RYAN

FORMATION	DEPTH	TOP SUB-SEA	DEPTH	BASE SUB-SEA	NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
AUSTIN GP	2550	- 2217	2810	- 2477	----	260	CHK	
EAGLE FORD GP	2810	- 2477	2823	- 2490	----	13	SH	
WOODBINE-BUDA FMS	2823	- 2490	2823	- 2490	----	0		UNC
GEORGETOWN GP	2823	- 2490	3031	- 2698	----	208	LS, SH	TRC
LOWER DUCK CREEK	2823	- 2490	3031	- 2698	70	208	LS	
KIAMICHI FM	3031	- 2698	3053	- 2720	----	22	SH, LS	
GOODLAND-WALNUT FMS	3053	- 2720	3517	- 3184	----	464	LS, MRL, SH	
UPPER GLEN ROSE FM	3517	- 3184	5237	- 4904	----	1720	LS, SH, ANHY	
LOWER GLEN ROSE FM	5237	- 4904	5600	- 5267	35	363	LS, SH	
BEXAR FM	5600	- 5267	5758	- 5425	----	158	SH, SHY LS	
JAMES FM	5758	- 5425	5923	- 5590	0	165	LS	
PETTET-TRAVIS PEAK	6058	- 5725	8670	- 8337	210	2612	SD, SH, LS	
COTTON VALLEY GP	8670	- 8337	11200	-10867	95	2530	SH, LS	EST
COTTON VALLEY LIME	10877	-10544	11200	-10867	----	323	LS	
SMACKOVER FM	11200	-10867	11550	-11217	----	350	LS	EQU
LOUANN FM	11550	-11217	11658	-11325	----	108	SALT	
WERNER FM	11658	-11325	11715	-11382	----	57	ANHY	
IGNEOUS	11715	-11382	12533	-12200	----			TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : XB - SHELBY WELL ID NO. : 687 ELEVATION : 417 TOTAL DEPTH : 7000
 OPERATOR : TAYLOR OIL AND GAS CO WELL : NO.1 R.O. ELLINGTON
 LOCATION : 1303 FSEC, 330 FSEL SEC: TNSP : RNG : SUR : THOS. ENGLISH A-187

FORMATION	TOP		BASE		NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
	DEPTH	SUB-SEA	DEPTH	SUB-SEA				
WILCOX GP	0	417	1000	- 583	----	1000	SD, SH	SUR
MIDWAY GP	1000	- 583	1950	- 1533	----	950	SH	
NAVARRO GP	1950	- 1533	2255	- 1838	0	305	SH, SHY SD	
TAYLOR GP	2255	- 1838	3070	- 2653	----	815	SH, MRL, SD	
AUSTIN GP	3070	- 2653	3350	- 2933	----	280	CHK	
EAGLE FORD GP	3350	- 2933	3382	- 2965	----	32	SH	
WOODBINE-WASHITA GPS	3382	- 2965	3382	- 2965	----	0		UNC
EDWARDS UNDIFF.	3382	- 2965	3905	- 3488	50	523	LS, MRL, SH	TRC
UPPER GLEN ROSE FM	3905	- 3488	5557	- 5140	----	1652	LS, SH, ANHY	
LOWER GLEN ROSE FM	5557	- 5140	5930	- 5513	20	373	LS, SH	
BEXAR FM	5930	- 5513	6092	- 5675	----	162	SH, MRL	
JAMES FM	6092	- 5675	6302	- 5885	5	210	LS	
PETTET FM	6410	- 5993	7000	- 6583	5		LS, SH	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET
 CORE LABORATORIS INC, E AND C DEPT.

JUN 1971

COUNTY : XB - SHELBY WELL ID NO. : 6B10 ELEVATION : 426 TOTAL DEPTH : 11250
 OPERATOR : STANOLIND OIL AND GAS WELL : NO. A-1 A.R. PARKER
 LOCATION : 1500 FSEL. 12600 FWWL SEC: TNSP : RNG : SUR : C.C. TUTT

FORMATION	TOP		BASE		NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
	DEPTH	SUB-SEA	DEPTH	SUB-SEA				
CARRIZO-WILCOX SD	0	426	1690	- 1264	0	1690	SD, SH	SUR
MIDWAY GP	1690	- 1264	2630	- 2204	----	940	SH	
NAVARRO GP	2630	- 2204	2900	- 2474	0	270	SH, SHY SD	
TAYLOR GP	2900	- 2474	3738	- 3312	----	838	SH, MRL, SD	
AUSTIN GP	3738	- 3312	4029	- 3603	----	291	CHK	
EAGLE FORD GP	4029	- 3603	4065	- 3639	0	36	SH	
WOODBINE-BUDA FMS	4065	- 3639	4065	- 3639	----	0		UNC
EDWARDS UNDIFF.	4065	- 3639	4735	- 4309	70	670	LS, MRL, SH	TRC
UPPER GLEN ROSE FM	4735	- 4309	6365	- 5939	----	1630	LS, SH, ANHY	
LOWER GLEN ROSE FM	6365	- 5939	6752	- 6326	25	387	LS, SH	
BEXAR FM	6752	- 6326	6910	- 6484	----	158	SH, MRL	
JAMES FM	6910	- 6484	7120	- 6694	8	210	LS	
PETTET-TRAVIS PLAK	7225	- 6799	9770	- 9344	220	2545	SD, SH, LS	
COTTON VALLEY GP	9770	- 9344	11250	-10824	40	1480	LS, SH, SD	EST
COTTON VALLEY LIME	10675	-10249	11250	-10824	----	575	LS	TD

REMARKS
 COTTON VALLEY TOPS ARE ESTIMATED

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : XB - SHELBY WELL ID NO. : 6B14 ELEVATION : 413 TOTAL DEPTH : 7839
 OPERATOR : PURNELL AND COLEMAN WELL : NO.1 M.L. MCLAIN
 LOCATION : 5300 FSWL. 495 FSEL SEC: TNSP : RNG : SUR : RUSK CO. SCHOOL LAND A594

FORMATION	DEPTH	TOP SUB-SEA	DEPTH	BASE SUB-SEA	NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
CARRIZO-WILCOX SD	0	413	1780	- 1367	0	1780	SD, SH	SUR
MIDWAY GP	1780	- 1367	2600	- 2187	-----	820	SH	
NAVARRO GP	2600	- 2187	2830	- 2417	0	230	SH, MRL	
TAYLOR GP	2830	- 2417	3612	- 3199	-----	782	SH, MRL, SD	
AUSTIN GP	3612	- 3199	3910	- 3497	-----	298	CHK	
EAGLE FORD GP	3910	- 3497	3934	- 3521	0	24	SH	
WOODBINE-BUDA FMS	3934	- 3521	3934	- 3521	-----	0		UNC
EDWARDS UNDIFF.	3934	- 3521	4695	- 4282	80	761	LS, MRL, SH	TRC
UPPER GLEN ROSE FM	4695	- 4282	6254	- 5841	-----	1559	LS, SH, ANHY	
LOWER GLEN ROSE FM	6254	- 5841	6645	- 6232	130	391	LS, SH, ANHY	
BLXAR FM	6645	- 6232	6789	- 6376	-----	144	SH	
JAMES FM	6789	- 6376	6950	- 6537	10	161	LS	
PETTET-TRAVIS PLAK	7060	- 6647	7839	- 7426	10+		LS, SH, SD	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : XM - SMITH WELL ID NO. : 2C23 ELEVATION : 388 TOTAL DEPTH : 7922
 OPERATOR : GEORESEARCH, INC. WELL : NO.1 E.L. LEACH
 LOCATION : 2300 FWL, 450 FSL SEC: TNSP : RNG : SUR : JOSEPH BURGAN A-166

FORMATION	TOP		BASE		NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
	DEPTH	SUB-SEA	DEPTH	SUB-SEA				
CLAIBORNE GP	0	388	750	- 362	0	750	SD, SH	SUR
WILCOX GP	750	- 362	1470	- 1082	0	720	SH, SD	
MIDWAY GP	1470	- 1082	2192	- 1804	0	722	SH	
NAVARRO GP	4640	- 4252	4792	- 4404	35	152	SH, SD	
TAYLOR GP	2580	- 2192	4480	- 4092	----	1900	SH, CHK	
AUSTIN GP	4480	- 4092	4792	- 4404	----	312	MRL, CHK	
EAGLE FORU GP	4792	- 4404	5315	- 4927	50	523	SH, SD	
WOODBINE GP	5315	- 4927	5973	- 5585	260	658	SD, SH	
WASHITA GP	5973	- 5585	7340	- 6952	----	1367	LS, SH	
GOODLAND FM	7408	- 7020	7512	- 7124	----	104	LS	
PALUXY FM	7512	- 7124	7914	- 7526	60	402	SD, SH	
UPPER GLEN ROSE FM	7914	- 7526	7922	- 7534	----		LS, SH, ANHY	TD

REMARKS
 100 FT. F/O AT 5865 (-5477)
 140 FT. F/O AT 3410 (-2922)

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : XM - SMITH WELL ID NO. : 2C32 ELEVATION : 479 TOTAL DEPTH : 8694
 OPERATOR : WARREN PETR. CORP. WELL : NO.1 J.N. STARNES
 LOCATION : 330 FWL, 359 FNL SEC: TNSP : RNG : SUR : JOHN W. ALLEN A-50

FORMATION	DEPTH	TOP SUB-SEA	DEPTH	BASE SUB-SEA	NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
WILCOX GP	0	479	1311	- 832	0	1311	SH, SD	SUR
MIDWAY GP	1311	- 832	2014	- 1535	0	703	SH	
NAVARRO GP	2014	- 1535	2530	- 2051	40	516	SH, SD	
TAYLOR GP	2530	- 2051	3690	- 3211	----	1160	SH, CHK	
AUSTIN GP	3690	- 3211	3885	- 3406	----	195	MRL, CHK	
EAGLE FORD GP	3885	- 3406	3960	- 3481	0	75	SH	
WOODBINE GP	3960	- 3481	4328	- 3849	260	368	SD, SH	
WASHITA GP	4328	- 3849	5445	- 4966	----	1117	LS, SH	
GOODLAND FM	5520	- 5041	5593	- 5114	----	73	LS	
PALUXY FM	5593	- 5114	5940	- 5461	60	347	SD, SH	
UPPER GLEN ROSE FM	5940	- 5461	7480	- 7001	----	1540	LS, SH, ANHY	
LOWER GLEN ROSE FM	7480	- 7001	7890	- 7411	75	410	LS, SH	
BEXAR FM	7890	- 7411	7940	- 7461	----	50	SH	
JAMES FM	7940	- 7461	8040	- 7561	0	100	LS	
PINE ISLAND FM	8040	- 7561	8120	- 7641	----	80	SH	
PETTET-TRAVIS PEAK	8120	- 7641	8694	- 8215	150+		SD, SH, LS	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : XH - SMITH WELL ID NO. : 5A4 ELEVATION : 473 TOTAL DEPTH : 8203
 OPERATOR : L.A. GRELLING WELL : NO.1 E.S. ATWOOD
 LOCATION : 330 FSL, 330 FEL SEC: TNSP : RNG : SUR : J.W. PARCHMAN A-789

FORMATION	DEPTH	TOP SUB-SEA	DEPTH	BASE SUB-SEA	NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
CLAIBORNE GP	0	473	715	- 242	----	715	SD, SH	SUR
WILCOX GP	715	- 242	1640	- 1167	----	925	SH, SD	
MIDWAY GP	1640	- 1167	2410	- 1937	0	770	SH, SDY SH	
NAVARRO GP	2410	- 1937	3135	- 2662	40	725	SH, SD	
TAYLOR GP	3135	- 2662	4480	- 4007	----	1345	SH, MRL	
AUSTIN GP	4480	- 4007	4730	- 4257	----	250	CHK, MRL	
EAGLE FORD GP	4730	- 4257	5030	- 4557	40	300	SH, SD	
WOODBINE GP	5030	- 4557	5910	- 5437	420	880	SD, SH	
WASHITA GP	5910	- 5437	7640	- 7167	----	1730	LS, SH	
GOODLAND-WALNUT FMS	7720	- 7247	7970	- 7497	----	250	LS	
PALUXY FM	7968	- 7495	8203	- 7730	15+		SH, SD	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : XM - SMITH WELL ID NO. : 5A6 ELEVATION : 524 TOTAL DEPTH : 13573
 OPERATOR : SUN OIL CO. WELL : NO.1 J.W. ELLIOT
 LOCATION : 660 FSL, 1240 FWL SEC: TNSP : RNG : SUR : THOMAS P. PAYNE A-763

FORMATION	TOP		BASE		NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
	DEPTH	SUB-SEA	DEPTH	SUB-SEA				
CLAIBORNE GP	0	524	550	- 26	----	550	SD, SH	SUR
WILCOX GP	550	- 26	1445	- 921	0	895	SH, SDY SH	ABV
MIDWAY GP	1445	- 921	2215	- 1691	0	770	SH	
NAVARRO GP	2215	- 1691	2685	- 2161	30	470	SH, SD	
TAYLOR GP	2685	- 2161	3770	- 3246	----	1085	SH, MRL	
AUSTIN GP	3770	- 3246	3920	- 3396	----	150	CHK	
EAGLE FORD GP	3920	- 3396	3960	- 3436	0	40	SH	TRC
WOODBINE GP	3960	- 3436	4380	- 3856	200	420	SD, SH	
WASHITA GP	4380	- 3856	5400	- 4876	----	1020	LS, SH	
GOODLAND-WALNUT FMS	5445	- 4921	5575	- 5051	----	130	LS, SH	
PALUXY FM	5575	- 5051	5810	- 5286	18	235	SH, SD	
UPPER GLEN ROSE FM	5810	- 5286	7300	- 6776	----	1490	LS, SH, ANHY	
LOWER GLEN ROSE FM	7300	- 6776	7682	- 7158	80	382	LS, SH	
BEXAR FM	7682	- 7158	7725	- 7201	----	43	SH	
JAMES FM	7725	- 7201	7825	- 7301	0	100	LS	
PETTET-TRAVIS PEAK	7958	- 7434	10070	- 9546	600	2112	SD, SH, LS	
COTTON VALLEY GP	10070	- 9546	12510	-11986	400	2440	SD, SH, LS	EST
COTTON VALLEY LIME	11930	-11406	12510	-11986	----	580	LS	
SMACKOVER FM	12510	-11986	13415	-12891	----		LS, SH	TD
NORPHLET FM	13415	-12891	13525	-13001	----	110	SD, SH	

WELL ID NO. : SA6

CONTINUED

FORMATION	TOP		BASE		NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
	DEPTH	SUB-SEA	DEPTH	SUB-SEA				
SALT	13525	-13001	13573	-13049	----			TD

REMARKS
TOP OF SMACKOVER IS ESTIMATED.

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET
 CORE LABORATORIES INC, E AND C DEPT.

JUL 1971

COUNTY : XH - SMITH WELL ID NO. : 5A11 ELEVATION : 567 TOTAL DEPTH : 13781
 OPERATOR : PHILLIPS PETR. CO. WELL : NO.1 AMELIA ENGLAND
 LOCATION : 1900 FNL, 2300 FWL SEC: TNSP : RNG : SUR : DON THOMAS QUEVEDA

FORMATION	TOP		BASE		NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
	DEPTH	SUB-SEA	DEPTH	SUB-SEA				
CLAIBORNE GP	0	567	685	- 118	----	685	SD, SH	SUR
WILCOX GP	685	- 118	1970	- 1403	400	1285	SD, SH	
MIDWAY GP	1970	- 1403	2885	- 2318	0	915	SH, SD	
NAVARRO GP	2885	- 2318	3390	- 2823	8	505	SH, SD	
TAYLOR GP	3390	- 2823	4730	- 4163	----	1340	SH, MRL	
AUSTIN GP	4730	- 4163	4961	- 4394	----	231	CHK	
EAGLE FORD GP	4961	- 4394	5245	- 4678	60	284	SH, SD	
WOODBINE GP	5245	- 4678	6092	- 5525	390	847	SD, SH	
WASHITA GP	6092	- 5525	7470	- 6903	----	1378	LS, SH	
GOODLAND_WALNUT FMS	7573	- 7006	7805	- 7238	----	232	LS, SH	
PALUXY FM	7805	- 7238	8090	- 7523	4	285		
UPPER GLEN ROSE FM	8090	- 7523	9585	- 9018	----	1495	LS, SH, ANHY	
LOWER GLEN ROSE FM	9585	- 9018	9970	- 9403	60	385	LS, SH	
JAMES FM	9970	- 9403	10060	- 9493	0	90	LS	FLT
PINE ISLAND FM	10060	- 9493	10170	- 9603	----	110	SH	
PETTET-TRAVIS PEAK	10170	- 9603	12230	-11663	550	2060	SD, SH, LS	
COTTON VALLEY GP	12230	-11663	13781	-13214	350	1551	SD, SH	TD

REMARKS

100 FT. F/O AT 8600 (-8033)
 130 FT. F/O AT 9970 (-9403)

PALUXY BECOMES FACIES OF WALNUT FM

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : XH - SMITH WELL ID NO. : 5A13 ELEVATION : 385 TOTAL DEPTH : 8283
 OPERATOR : JOE M. GRIFFITH, JR. WELL : NO.1 J.A. TOOLE
 LOCATION : 4300 FEL, 3300 FNL SEC : TNSP : RNG : SUR : MIGUEL DE LOS SANTOS COY

FORMATION	DEPTH	TOP SUB-SEA	DEPTH	BASE SUB-SEA	NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
WILCOX GP	0	385	1170	- 785	----	1170	SD, SH	
MIDWAY GP	1170	- 785	2165	- 1780	30	995	SH, SD	
NAVARRO GP	2165	- 1780	2627	- 2242	0	462	SH, SDY SH	
TAYLOR GP	2627	- 2242	3535	- 3150	----	908	SH, MRL	
AUSTIN GP	3535	- 3150	3710	- 3325	----	175	CHK	
EAGLE FORD GP	3710	- 3325	3710	- 3325	----	0		UNC
WOODBINE GP	3710	- 3325	3884	- 3499	80	174	SD, SH	TRC
WASHITA GP	3884	- 3499	4880	- 4495	----	996	LS, SH	
GOODLAND-WALNUT FMS	4950	- 4565	5398	- 5013	----	448	LS, SH	
UPPER GLEN ROSE FM	5398	- 5013	7036	- 6651	----	1638	LS, SH, ANHY	
LOWER GLEN ROSE FM	7036	- 6651	7450	- 7065	20	414	LS, SH	
BEXAR FM	7450	- 7065	7495	- 7110	----	45	SH	
JAMES FM	7495	- 7110	7630	- 7245	0	135	LS	
PETTET-TRAVIS PEAK	7757	- 7372	8283	- 7898	50+		SD, SH, LS	TD

REMARKS
 PALUXY BECOMES FACIES OF WALNUT

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : YA - TITUS WELL ID NO. : 283 ELEVATION : 300 TOTAL DEPTH : 9645
 OPERATOR : W.B. HINTON WELL : NO.1-A HOFFMAN, BEALL, ET AL
 LOCATION : 1900 FSL, 330 FEL SEC : TNSP : RNG : SUR : EDWARD HOBBS

FORMATION	TOP		BASE		NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
	DEPTH	SUB-SEA	DEPTH	SUB-SEA				
MIDWAY GP	0	300	560	- 260	0	560	SH	SUR
NAVARRO GP	560	- 260	1150	- 850	110	590	SH, SD	
TAYLOR GP	1150	- 850	2462	- 2162	----	1312	SH, MRL, SD	
AUSTIN GP	2462	- 2162	2751	- 2451	----	289	MRL, CHK	
EAGLE FORD GP	2751	- 2451	3180	- 2880	135	429	SD, SH	
WOODBINE GP	3180	- 2880	3640	- 3340	95	460	SH, SD	
WASHITA GP	3640	- 3340	4372	- 4072	----	732	LS, SH	
GOODLAND FM	4432	- 4132	4458	- 4158	----	26	LS	
PALUXY FM	4458	- 4158	4915	- 4615	130	457	SD, SH, LS	
UPPER GLEN ROSE FM	4915	- 4615	5890	- 5590	20	975	LS, SH, ANHY	
LOWER GLEN ROSE FM	5890	- 5590	6289	- 5989	130	399	LS, SH	
TRAVIS PEAK FM	6289	- 5989	7580	- 7280	650	1291	SD, SH, LS	
COTTON VALLEY GP	7580	- 7280	9040	- 8740	450	1460	SD, SH, LS	
COTTON VALLEY LIME	8955	- 8655	9040	- 8740	----	85	LS	
BUCKNER FM	9040	- 8740	9330	- 9030	----	290	SH, ANHY	
SMACKOVER FM	9330	- 9030	9645	- 9345	----		LS, DOL	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : YA - TITUS WELL ID NO. : 388 ELEVATION : 337 TOTAL DEPTH : 9939
 OPERATOR : CITIES SERVICE OIL CO WELL : NO. A-1 BROVENTURE
 LOCATION : 660 FNL, 660 FEL SEC: TNSP : RNG : SUR : HENRY P. BANKS A-13

FORMATION	DEPTH	TOP SUB-SEA	DEPTH	BASE SUB-SEA	NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
WILCOX GP	0	337	160	177	----	160		SUR
MIDWAY GP	0	337	1020	- 683	0	1020	SH	
NAVARRO GP	1020	- 683	1700	- 1363	45	680	SH	
TAYLOR GP	1700	- 1363	2761	- 2424	----	1061	SH, MRL	
AUSTIN GP	2761	- 2424	3230	- 2893	----	469	CHK	
EAGLE FORD GP	3230	- 2893	3672	- 3335	80	442	SH	
WOODBINE GP	3672	- 3335	4188	- 3851	85	516	SD, SH	
WASHITA GP	4188	- 3851	5051	- 4714	----	863	LS, SH	
GOODLAND FM	5120	- 4783	5170	- 4833	----	50	LS	
PALUXY FM	5170	- 4833	5550	- 5213	125	380	SD, SH	
UPPER GLEN ROSE FM	5550	- 5213	6740	- 6403	50	1190	LS, SH, ANHY	
LOWER GLEN ROSE FM	6740	- 6403	7170	- 6833	85	430	LS, SH	
TRAVIS PEAK	7170	- 6833	8360	- 8023	480	1190	SD, SH, LS	
COTTON VALLEY GP	8360	- 8023	9135	- 8798	250+	775	SD, SH, LS	
BUCKNER FM	9135	- 8798	9477	- 9140	----	342	SH, ANHY	
SMACKOVER	9477	- 9140	9939	- 9602	----		LS, DOL	TD

REMARKS
 1100 F/O AT 8580 (8243)

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : YK - UPSUR WELL ID NO. : 2C31 ELEVATION : 437 TOTAL DEPTH : 12991
 OPERATOR : TIDEWATER-SEABOARD WELL : NO.1 C.K. WADE
 LOCATION : 660 FSL, 860 FWL SEC: TNSP : RNG : SUR : JOHN FIELDS

FORMATION	DEPTH	TOP SUB-SEA	DEPTH	BASE SUB-SEA	NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
WILCOX GP	0	437	890	- 453	0	890	SH, SDY SH	SUR
MIDWAY GP	890	- 453	1505	- 1068	0	615	SH	
NAVARRO GP	1505	- 1068	1960	- 1523	25	455	SH, SD	
TAYLOR GP	1960	- 1523	3140	- 2703	----	1180	SH, MRL, SD	
AUSTIN GP	3140	- 2703	3464	- 3027	----	324	MRL, CHK	
EAGLE FORD GP	3464	- 3027	3543	- 3106	0	79	SH	
WOODBINE GP	3543	- 3106	3892	- 3455	160	349	SD, SH	
WASHITA GP	3892	- 3455	4850	- 4413	----	958	LS, SH	
GOODLAND FM	4914	- 4477	4985	- 4548	----	71	LS	
PALUXY FM	4985	- 4548	5332	- 4895	170	347	SD, SH	
UPPER GLEN ROSE FM	5332	- 4895	6722	- 6285	----	1390	LS, SH, ANHY	
LOWER GLEN ROSE FM	6722	- 6285	7075	- 6638	70	353	LS, SH	
BEXAR FM	7075	- 6638	7092	- 6655	----	17	SH	
JAMES FM	7092	- 6655	7256	- 6819	15	164	LS, SH	
PINE ISLAND FM	7256	- 6819	7355	- 6918	----	99	SH, MRL	
PETTET-TRAVIS PEAK	7355	- 6918	8955	- 8518	400	1600	SD, SH, LS	
COTTON VALLEY GP	8955	- 8518	11260	-10823	500	2305	SD, SH, LS	
COTTON VALLEY LIME	10910	-10473	11260	-10823	----	350	LS	
SMACKOVER FM	11260	-10823	12370	-11933	----	1110	LS, DOL	EST
NORPHLET FM	12370	-11933	12625	-12188	----	255	SD	

WELL ID NO. : 2C31

CONTINUED

FORMATION	TOP		BASE		NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
	DEPTH	SUB-SEA	DEPTH	SUB-SEA				
SALT	12625	-12188	12991	-12554	----			TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : YK - UPSHUR WELL ID NO. : 3C8 ELEVATION : 456 TOTAL DEPTH : 11825
 OPERATOR : TEXACO INC. WELL : NO.1 MADDOX GAS UNIT
 LOCATION : 270 FNWL, 1000 FNNEL SEC: TNSP : RNG : SUR : J.C. GREGORY A-177

FORMATION	TOP		BASE		NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
	DEPTH	SUB-SEA	DEPTH	SUB-SEA				
CLAIBORNE GP	0	456	330	126	----	330	SD, SHY SD	SUR
WILCOX GP	330	126	1025	- 569	----	695	SD, SH,	
MIDWAY GP	1025	- 569	1750	- 1294	----	725	SH, SDY SH	
NAVARRO GP	1750	- 1294	2415	- 1959	0	665	SD, SH	
TAYLOR GP	2415	- 1959	3662	- 3206	----	1247	SH, MRL, SD	
AUSTIN GP	3662	- 3206	3845	- 3389	----	183	MRLY CHK	
EAGLE FORD GP	3845	- 3389	3869	- 3413	0	24	SD, SH	TRC
WOODBINE GP	3869	- 3413	4069	- 3613	45	200	SD, SH	TRC
WASHITA GP	4069	- 3613	5100	- 4644	----	1031	LS, SH	
GOODLAND FM	5159	- 4703	5249	- 4793	----	90	LS	
PALUXY FM	5249	- 4793	5628	- 5172	100	379	SD, SH, LS	
UPPER GLEN ROSE FM	5628	- 5172	7150	- 6694	----	1522	LS, SH, ANHY	
LOWER GLEN ROSE FM	7150	- 6694	7615	- 7159	100	465	LS, SH	
BEXAR FM	7615	- 7159	7647	- 7191	----	32	SH	
JAMES FM	7647	- 7191	7781	- 7325	0	134	LS	
PINE ISLAND FM	7781	- 7325	7830	- 7374	----	49	SH	
PETTET-TRAVIS PLAK	7830	- 7374	9422	- 8966	360	1592	SD, SH, LS	
COTTON VALLEY GP	9422	- 8966	11825	- 11369	490		SD, SH, LS	TD
COTTON VALLEY LIME	11510	- 11054	11825	- 11369	----		LS	TD

REMARKS
 CEDAR SPRINGS FIELD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : YK - UPSHUR WELL ID NO. : 3C9 ELEVATION : 429 TOTAL DEPTH : 13107
 OPERATOR : MCBEE AND RUDMAN WELL : NO.1 INDIAN ROCK GAS UNIT
 LOCATION : 1700 FWL, 6500 FNL SEC: TNSP : RNG : SUR : M.F. FLORES A-2

FORMATION	DEPTH	TOP SUB-SEA	DEPTH	BASE SUB-SEA	NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
CLAIBORNE GP	0	429	360	69	----	360	SD, SHY SD	SUR
WILCOX GP	360	69	1020	- 591	----	660	SD, SH	
MIDWAY GP	1020	- 591	1810	- 1381	----	790	SH, SOY SH	
NAVARRO GP	1810	- 1381	2465	- 2036	0	655	SD, SH	
TAYLOR GP	2465	- 2036	3460	- 3031	----	995	SH, MRL, SD	
AUSTIN GP	3460	- 3031	3805	- 3376	----	345	MRLY CHK	
EAGLE FORD GP	3805	- 3376	3820	- 3391	0	15	SH	
WOODBINE GP	3820	- 3391	4075	- 3646	120	255	SD, SH	
WASHITA GP	4075	- 3646	5150	- 4721	----	1075	LS, SH	
GOODLAND FM	5215	- 4786	5304	- 4875	----	89	LS	
PALUXY FM	5304	- 4875	5680	- 5251	135	376	SD, SH, LS	
UPPER GLEN ROSE FM	5680	- 5251	7220	- 6791	----	1540	LS, SH, SD	
LOWER GLEN ROSE FM	7220	- 6791	7700	- 7271	95	480	LS, SH	
BEXAR FM	7700	- 7271	7740	- 7311	----	40	SH	
JAMES FM	7740	- 7311	7845	- 7416	0	105	LS	
PINE ISLAND FM	7845	- 7416	7900	- 7471	----	55	SH	
PETTET-TRAVIS PLAK	7900	- 7471	9635	- 9206	425	1735	SD, SH, LS	
COTTON VALLEY GP	9635	- 9206	12220	-11791	465	2585	SD, SH, LS	
COTTON VALLEY LIME	11610	-11181	12220	-11791	----	610	LS	
SMACKOVER FM	12220	-11791	13000	-12571	----	780	LS	EQV

WELL ID NO. : 3C9

CONTINUED

FORMATION	DEPTH	TOP SUB-SEA	DEPTH	BASE SUB-SEA	NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
NORPHLET FM	13000	-12571	13107	-12678	----		SH, SD	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : YK - UPSHUR WELL ID NO. : 3C13 ELEVATION : 333 TOTAL DEPTH : 8107
 OPERATOR : BERT FIELDS WELL : NO.1 LONA FUTRELL
 LOCATION : 3550 FEL, 3700 FSL SEC: TNSP : RNG : SUR : JAMES SCOTT A-440

FORMATION	DEPTH	TOP SUB-SEA	DEPTH	BASE SUB-SEA	NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
CLAIBORNE GP	0	333	250	83	----	250		SUR
WILCOX GP	250	83	980	- 647	----	730	SD, SH	ABV
MIDWAY GP	980	- 647	1740	- 1407	----	760	SH, SDY SH	
NAVARRO GP	1740	- 1407	2438	- 2105	0	698	SD, SH	
TAYLOR GP	2438	- 2105	3420	- 3087	----	982	SH, MRL, SD	
AUSTIN GP	3420	- 3087	3720	- 3387	----	300	MRLY CHK	
EAGLE FORD-WOODBINE	3720	- 3387	3720	- 3387	----	0		UNC
WASHITA GP	3720	- 3387	4470	- 4137	----	750	LS, SH	TRC
GOODLAND FM	4842	- 4509	4943	- 4610	----	101	LS	
PALUXY FM	4943	- 4610	5295	- 4962	100	352	SD, SH, LS	
UPPER GLEN ROSE FM	5295	- 4962	6880	- 6547	----	1585	LS, SH, ANHY	
LOWER GLEN ROSE FM	6880	- 6547	7300	- 6967	100	420	LS, SH	
BEXAR FM	7300	- 6967	7350	- 7017	----	50	SH	
JAMES FM	7350	- 7017	7565	- 7232	0	215	LS	
PINE ISLAND FM	7565	- 7232	7608	- 7275	----	43	SH	
PETTET-TRAVIS PLAK	7608	- 7275	8107	- 7774	100+		SD, SH, LS	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : YS - VAN ZANDT WELL ID NO. : 184 ELEVATION : 531 TOTAL DEPTH : 5668

OPERATOR : TRINITY DRILG.CO. WELL : NO.1-A WOLVERTON

LOCATION : 270 FSWL, 230 FNWL SEC: TNSP : RNG : SUR : F.G. WILLIS

FORMATION	TOP		BASE		NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
	DEPTH	SUB-SEA	DEPTH	SUB-SEA				
MIDWAY GP	0	531	690	- 159	----	690	SH, SD	SUR
NAVARRO GP	690	- 159	1348	- 817	48	658	SH, SD	
TAYLOR GP	1348	- 817	2840	- 2309	----	1492	SH, MRL, SD	
AUSTIN GP	2840	- 2309	3334	- 2803	----	494	MRL, CHK	
EAGLE FORD GP	3334	- 2803	3860	- 3329	10	526	SH, SD, LS	
WOODBINE GP	3860	- 3329	4580	- 4049	345	720	SD, SH	
WASHITA GP	4580	- 4049	5485	- 4954	----	905	LS, SH	
GOODLAND FM	5550	- 5019	5620	- 5089	----	70	LS	
PALUXY FM	5620	- 5089	5668	- 5137	25+		SD, SH	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET

CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : YS - VAN ZANDT WELL ID NO. : 2C10 ELEVATION : 441 TOTAL DEPTH : 14522
 OPERATOR : R.J. CARAWAY WELL : NO.1 D. ARMSTRONG GAS UNIT
 LOCATION : 5200 FNL, 2300 FEL SEC: TNSP : RNG : SUR : JOHN WRIGHT A-900

FORMATION	TOP		BASE		NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
	DEPTH	SUB-SEA	DEPTH	SUB-SEA				
WILCOX GP	0	441	320	121	0	320	SH, SDY SH	SUR
MIDWAY GP	320	121	1305	- 864	0	985	SH	
NAVARRO GP	1305	- 864	1775	- 1334	28	470	SH, SD	
TAYLOR GP	1775	- 1334	3530	- 3089	----	1755	SH, MRL	
AUSTIN GP	3530	- 3089	3955	- 3514	----	425	MRL, CHK	
EAGLE FORD GP	3955	- 3514	4465	- 4024	40	510	SH, SD	
WOODBINE GP	4465	- 4024	5250	- 4809	360	785	SD, SH	
WASHITA GP	5250	- 4809	6335	- 5894	----	1085	LS, SH	
GOODLAND FM	6387	- 5946	6463	- 6022	----	76	LS	
PALUXY FM	6463	- 6022	6812	- 6371	170	349	SD, SH	
UPPER GLEN ROSE FM	6812	- 6371	8075	- 7634	----	1263	LS, SH, ANHY	
LOWER GLEN ROSE FM	8075	- 7634	8707	- 8266	115	632	LS, SH	
PETTET-TRAVIS PEAK	8707	- 8266	10203	- 9762	520	1496	SD, SH, LS	
COTTON VALLEY GP	10203	- 9762	13620	-13179	900	3417	SD, SH, LS	
COTTON VALLEY LINE	12606	-12165	13620	-13179	----	1014	LS	
BUCKNER FM	13620	-13179	14522	-14081	----		ANHY, SH	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : YS - VAN ZANDT WELL ID NO. : 2C13 ELEVATION : 505 TOTAL DEPTH : 12775
 OPERATOR : H.J. CARAWAY WELL : NO.1 G.L. YATES
 LOCATION : 660 FSL, 3400 FWL SEC: TNSP : RNG : SUR : G.W. GOODWIN A-322

FORMATION	DEPTH	TOP SUB-SEA	DEPTH	BASE SUB-SEA	NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
WILCOX GP	0	505	460	45	0	460	SH, SDY SH	SUR
MIDWAY GP	460	45	1180	- 675	0	720	SH	
NAVARRO GP	1180	- 675	1807	- 1302	37	627	SH, SD	
TAYLOR GP	1807	- 1302	3225	- 2720	----	1418	SH, CHK	
AUSTIN GP	3225	- 2720	3685	- 3180	----	460	MRL, CHK	
EAGLE FORD GP	3685	- 3180	4192	- 3687	5	507	SH, SD	
WOODBINE GP	4192	- 3687	4942	- 4437	250	750	SD, SH	
WASHITA GP	4942	- 4437	5933	- 5428	----	991	LS, SH	
GOODLAND FM	5992	- 5493	6080	- 5575	----	82	LS	
PALUXY FM	6080	- 5575	6380	- 5875	105	300	SD, SH	
UPPER GLEN ROSE FM	6380	- 5875	7560	- 7055	----	1180	LS, SH, ANHY	
LOWER GLEN ROSE FM	7560	- 7055	8100	- 7595	110	540	LS, SH	
TRAVIS PEAK FM	8100	- 7595	9730	- 9225	600	1630	SD, SH	
COTTON VALLEY GP	9730	- 9225	12060	-11555	600	2330	SD, SH, LS	
COTTON VALLEY LIME	11400	-10895	12060	-11555	----	660	LS	
BUCKNER	12060	-11555	12440	-11935	----	380	SH, ANHY, LS	
SMACKOVER FM	12440	-11935	12775	-12270	----		LS, DOL	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : YS - VAN ZANDT WELL ID NO. : 2C14 ELEVATION : 626 TOTAL DEPTH : 14519
 OPERATOR : H.J. CARAWAY WELL : NO.1 ROSALIE GILMORE
 LOCATION : 3100 FNWL, 1400 FNEL SEC: TNSP : RNG : SUR : E.P.G. CHISM

FORMATION	TOP		BASE		NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
	DEPTH	SUB-SEA	DEPTH	SUB-SEA				
CLAIBORNE GP	0	626	230	396	130	230	SD, SH	
WILCOX GP	230	396	950	- 324	5	720	SH, SD	
MIDWAY GP	950	- 324	1963	- 1337	----	1013	SH	SUR
NAVARRO GP	1963	- 1337	2580	- 1954	20	617	SH, SD	
TAYLOR GP	2580	- 1954	4105	- 3479	----	1525	SH, CHK	
AUSTIN GP	4105	- 3479	4560	- 3934	----	455	MRL, CHK	
EAGLE FORD GP	4560	- 3934	5080	- 4454	25	520	SH, SD	
WOODBINE GP	5080	- 4454	5893	- 5267	250	813	SD, SH	
WASHITA GP	5893	- 5267	7020	- 6394	----	1127	SD, SH	
GOODLAND FM	7090	- 6464	7160	- 6534	----	70	LS	
PALUXY FM	7160	- 6534	7482	- 6856	105	322	SD, SH	
UPPER GLEN ROSE FM	7482	- 6856	8775	- 8149	----	1293	LS, SH, ANHY	
LOWER GLEN ROSE FM	8775	- 8149	9360	- 8734	75	585	LS, SH	
PETTET-TRAVIS PLAK	9360	- 8734	11798	-11172	790	2438	SD, SH, LS	
COTTON VALLEY GP	11798	-11172	14519	-13893	450+		SD, SH, LS	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET

CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : YS - VAN ZANDT WELL ID NO. : 2C15 ELEVATION : 487 TOTAL DEPTH : 12133

OPERATOR : E.C. JOHNSTON CO. WELL : NO.1 TED MARTIN GAS UNIT

LOCATION : 467 FSEL, 66U FNEL SEC: TNSP : RNG : SUR : JAMES HAMILTON A-407

FORMATION	TOP		BASE		NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
	DEPTH	SUB-SEA	DEPTH	SUB-SEA				
MIDWAY GP	0	487	650	- 163	0	650	SH	SUR
NAVARRO GP	650	- 163	1275	- 788	30	625	SH, SD	
TAYLOR GP	1275	- 788	2830	- 2343	----	1555	SH, MRL, SD	
AUSTIN GP	2830	- 2343	3319	- 2832	----	489	CHK, MRL	
EAGLE FORD GP	3319	- 2832	3845	- 3358	20	526	SH, SD	
WOODBINE GP	3845	- 3358	4583	- 4096	300	738	SD, SH	
WASHITA GP	4583	- 4096	5490	- 5003	----	907	LS, SH	
GOODLAND FM	5535	- 5048	5648	- 5161	----	113	LS	
PALUXY FM	5648	- 5161	5940	- 5453	105	292	SD, SH	
UPPER GLEN ROSE FM	5940	- 5453	7050	- 6563	----	1110	LS, SH, ANHY	
LOWER GLEN ROSE FM	7050	- 6563	7620	- 7133	105	570	LS, SH, SD	
PETTET-TRAVIS PEAK	7622	- 7135	8947	- 8460	530	1325	SD, SH, LS	
COTTON VALLEY GP	8947	- 8460	11395	-10908	780	2448	SD, SH, LS	
COTTON VALLEY LIME	10795	-10308	11395	-10908	----	600	LS	
BUCKNER FM	11395	-10908	11915	-11428	----	520	SH, ANHY	
SMACKOVER FM	11915	-11428	12133	-11646	----		LS, DOL	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET

CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : YS - VAN ZANDT WELL ID NO. : 2C16 ELEVATION : 484 TOTAL DEPTH : 11686
 OPERATOR : PURE OIL CO. WELL : NO.11 SWAIN, WELL NO. D-8
 LOCATION : 3087 FNL, 3298 FWL SEC: TNSP : RNG : SUR : JOHN WALLING

FORMATION	TOP		BASE		NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
	DEPTH	SUB-SEA	DEPTH	SUB-SEA				
MIDWAY GP	0	484	548	- 64	0	548	SH, SDY SH	SUR
NAVARRO GP	548	- 64	1030	- 546	20	482	SH, SDY SH	
TAYLOR GP	1030	- 546	2665	- 2181	----	1635	SH, MRL	
AUSJIN GP	2665	- 2181	2755	- 2271	----	90	CHK	
EAGLE FORD-WOODBINE	2755	- 2271	2755	- 2271	----	0		FLT
WASHITA GP	2755	- 2271	3525	- 3041	----	770	LS, SH	OLD
GOODLAND FM	3580	- 3096	3628	- 3144	----	48	LS	
PALUXY FM	3628	- 3144	3864	- 3380	105	236	SD, SH	
UPPER GLEN ROSE FM	3864	- 3380	5055	- 4571	----	1191	LS, SH, ANHY	
LOWER GLEN ROSE FM	5055	- 4571	5305	- 4821	30	250	LS, SH, SD	
BEXAR FM	5305	- 4821	5315	- 4831	----	10	SH	EQV
JAMES FM	5315	- 4831	5435	- 4951	20	120	LS	
PINE ISLAND FM	5435	- 4951	5568	- 5084	----	133	SH	
PETTET-TRAVIS PEAK	5568	- 5084	7465	- 6981	950	1897	SD, SH, LS	
COTTON VALLEY GP	7465	- 6981	9795	- 9311	590	2330	SD, SH, LS	
COTTON VALLEY LIME	9170	- 8686	9795	- 9311	----	625	LS	
SMACKOVER FM	9795	- 9311	11395	- 10911	----	1600	LS, DOL	EST
EAGLE MILLS GP	11395	- 10911	11686	- 11202	----		SALT	TD

REMARKS
 VAN FIELD 2050 FT. F/O AT 2755 (-2271)

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : YS - VAN ZANDT WELL ID NO. : 5A3 ELEVATION : 567 TOTAL DEPTH : 10505
 OPERATOR : SINCLAIR OIL AND GAS WELL : NO.1 BEN CURTIS
 LOCATION : 660 FEL, 2600 FNL SEC: TNSP : RNG : SUR : T.J. STANBURY

FORMATION	TOP		BASE		NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
	DEPTH	SUB-SEA	DEPTH	SUB-SEA				
CLAIBORNE GP	0	567	380	187	----	380	SD, SH	SUR
WILCOX GP	380	187	1470	- 903	----	1090	SD, SH	
MIDWAY GP	1470	- 903	2298	- 1731	0	828	SH	
NAVARRO GP	2298	- 1731	2798	- 2231	10	500	SH, SD	
TAYLOR GP	2798	- 2231	4535	- 3968	----	1737	SH, MRL	
AUSTIN GP	4535	- 3968	4792	- 4225	----	257	CHK, MRL	
EAGLE FORD GP	4792	- 4225	5207	- 4640	38	415	SH, SD	
WOODBINE GP	5207	- 4640	6050	- 5483	230	843	SH, SD	
WASHITA GP	6050	- 5483	7365	- 6798	----	1315	LS, SH	
GOODLAND-WALNUT FMS	7470	- 6903	7580	- 7013	----	110	LS, MRL	
PALUXY FM	7580	- 7013	7930	- 7363	12	350	SH, SD	
UPPER GLEN ROSE FM	7930	- 7363	9676	- 9109	----	1746	LS, SH, ANHY	
LOWER GLEN ROSE FM	9676	- 9109	10128	- 9561	55	452	LS, SH	
BEXAR FM	10128	- 9561	10168	- 9601	----	40	SH	
JAMES FM	10168	- 9601	10315	- 9748	0	147	LS	
PETTET FM	10450	- 9883	10505	- 9938	2+		LS	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET
 CORE LABORATORIES INC. E AND C DEPT.

JUN 1971

COUNTY : ZK - WILLIAMSON WELL ID NO. : 1 ELEVATION : 622 TOTAL DEPTH : 3498

OPERATOR : ANDERSON WELL : NO.1 TEICHELMAN

LOCATION : 700 FNL, 150 FWL SEC: TNSP : RNG : SUR : A. JETT SUR.

FORMATION	DEPTH	TOP SUB-SEA	DEPTH	BASE SUB-SEA	NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
CRETACEOUS-UNDIFF	0	622	2828	- 2206	0	2828	SD,SH,LS	
OUACHITA FOLD SERIES	2828	- 2206	3498	- 2876	0		SH,SILT,SH	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : ZK - WILLIAMSON WELL ID NO. : 2 ELEVATION : 646 TOTAL DEPTH : 2953
 OPERATOR : W. M. JARRELL WELL : NO.1 C.N. AVERY, JR.
 LOCATION : SEC: TNSP : RNG : SUR : F. RYAN SUR.

FORMATION	TOP		BASE		NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
	DEPTH	SUB-SEA	DEPTH	SUB-SEA				
CRETACEOUS-UNDIFF.	0	646	2680	- 2034	0	2680	SD,SH,LS	
OUACHITA FOLD SERIES	2680	- 2034	2953	- 2307	0		SD,SILT,SH	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET
 CORE LABORATORIES INC. E AND C DEPT.

JUN 1971

COUNTY : ZK - WILLIAMSON WELL ID NO. : 3 ELEVATION : 786 TOTAL DEPTH : 3064

OPERATOR : W.E. GREEN (REEVES) WELL : NO.1 LEHMAN

LOCATION : SEC: TNSP : RNG : SUR : ELISHA DAVIS SUR.

FORMATION	DEPTH	TOP SUB-SEA	DEPTH	BASE SUB-SEA	NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
CRETACEOUS-UNDIFF.	0	786	1350	- 564	0	1350	SD,SH,LS	
QUICHTA FOLD SERIES	1350	- 564	3064	- 2278	0		SD,SH,SILT	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : ZK - WILLIAMSON WELL ID NO. : 4 ELEVATION : 1087 TOTAL DEPTH : 9104
 OPERATOR : HEWITT + DOUGHERTY WELL : NO.1 PEARSON
 LOCATION : SEC: TNSP : RNG : SUR : W.H. MCGILL SUR.

FORMATION	TOP		BASE		NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
	DEPTH	SUB-SEA	DEPTH	SUB-SEA				
CRETACEOUS-UNDIFF.	0	1087	855	232	0	855	SD,SH,LS	
OUACHITA FOLD SERIES	855	232	9104	- 8017	0		SD,SH,LS	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : ZK - WILLIAMSON WELL ID NO. : 5 ELEVATION : 750 TOTAL DEPTH : 1820
 OPERATOR : GEORGETOWN CITY WELL : WATER WELL
 LOCATION : SEC: TNSP : RNG : SUR : CITY OF GEORGETOWN TRACT

FORMATION	DEPTH	TOP SUB-SEA	DEPTH	BASE SUB-SEA	NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
CRETACEOUS-UNDIFF.	0	750	1260	- 510	0	1260	SD,SH,LS	
OUACHITA FOLD SERIES	1260	- 510	1820	- 1070	0		SD,SH,SILT	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : ZK - WILLIAMSON WELL ID NO. : 6 ELEVATION : 1118 TOTAL DEPTH : 4331
 OPERATOR : JESSE RUSSELL WELL : NO.1 A.B. MCGILL
 LOCATION : 4445 FEL, 6775 FSL SEC: TNSP : RNG : SUR : T.F. GRAY SUR.

FORMATION	DEPTH	TOP SUB-SEA	DEPTH	BASE SUB-SEA	NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
CRETACEOUS-UNDIFF.	0	1118	695	423	----	695	SD,SH,LS	
STRAWN	695	423	2400	- 1282	40	1705	SD,SH,LS	EST
BEND-ATOKA	2400	- 1282	4331	- 3213	30		SH,SD,LS	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET
 CORE LABORATORIES INC. E AND C DEPT.

JUN 1971

COUNTY : ZK - WILLIAMSON WELL ID NO. : 7 ELEVATION : 1074 TOTAL DEPTH : 9485
 OPERATOR : SHELL OIL CO. WELL : NO. 1 PURCELL
 LOCATION : SEC : TNSP : RNG : SUR : W. H. MCGILL SUR.

FORMATION	DEPTH	TOP SUB-SEA	DEPTH	BASE SUB-SEA	NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
CRETACEOUS-UNDIFF.	0	1074	720	354	0	720	SD,SH,LS	
STRAWN	720	354	2390	- 1316	70	1670	SH,SD,LS	
BEND-ATOKA	2390	- 1316	6810	- 5736	60	4420	SD,SH,LS	
MISS-BARNETT	6810	- 5736	6930	- 5856	0	120	SH	
ELLENBURGER	6930	- 5856	8960	- 7886	2030	2030	LS	
CAMBRIAN-UNDIFF.	8960	- 7886	9470	- 8396	0	510	SD,SH,LS	
PRE-CAMBRIAN	9470	- 8396	9485	- 8411	0		GRT,GNEISS	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET

CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : ZK - WILLIAMSON WELL ID NO. : 8 ELEVATION : 993 TOTAL DEPTH : 7545

OPERATOR : CARR WELL : NO.1 MAGGIE MATHER

LOCATION : 660 FSEL, 3500 FNEL SEC: TNSP : RNG : SUR : N. CAMPBELL SUR.

FORMATION	DEPTH	TOP	SUB-SEA	DEPTH	BASE	SUB-SEA	NET THICK	GROSS THICK	LITHOLOGY	TYPE
		DEPTH			DEPTH					
CRETACEOUS-UNDIFF.	0		993	780		213	0	780	SD,SH,LS	
OUACHITA FOLD SERIES	780		213	7545		- 6552	0		SD,SH	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET
 CORE LABORATORIALS INC. E AND C DEPT.

JUN 1971

COUNTY : ZK - WILLIAMSON WELL ID NO. : 19A01 ELEVATION : 571 TOTAL DEPTH : 1572
 OPERATOR : J.P. BRISTOW AND CO. WELL : NO.2 SAFFOLD AND HERNDON
 LOCATION : 300 FSWL, 350 FNWL SEC: TNSP : RNG : SUR : M.F. DEGRAFFENREID, 109

FORMATION	TOP		BASE		NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
	DEPTH	SUB-SEA	DEPTH	SUB-SEA				
TAYLOR GP	0	571	430	141	----	430	SH, MRL	SUR
AUSTIN GP	430	141	778	- 207	----	348	CHK, MRL	
EAGLE FORD GP	778	- 207	859	- 288	----	81	SH, SHY LS	
WASHITA GP	859	- 288	1050	- 479	----	191	LS, SH	
EDWARDS FM	1050	- 479	1388	- 817	----	338	LS, DOL	
GLEN ROSE FM	1388	- 817	1572	- 1001	----		LS, DOL	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : ZS - WOOD WELL ID NO. : 2C1 ELEVATION : 464 TOTAL DEPTH : 14520
 OPERATOR : SHELL OIL CO. WELL : NO.1 STELLA WRIGHT
 LOCATION : 900 FEL, 700 FNL SEC: TNSP : RNG : SUR : E. GOODSIR A-254

FORMATION	TOP		BASE		NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
	DEPTH	SUB-SEA	DEPTH	SUB-SEA				
WILCOX GP	0	464	810	- 346	0	810	SH, SD, SH	SUR
MIDWAY GP	810	- 345	1600	- 1136	0	790	SH, SD, SH	
NAVARRO GP	1600	- 1136	2070	- 1606	65	470	SH, SD	
TAYLOR GP	2070	- 1606	3545	- 3081	----	1475	SH, MRL	
AUSTIN GP	3545	- 3081	4100	- 3636	----	555	MRL, CHK	
EAGLE FORD GP	4100	- 3636	4530	- 4066	60	430	SH, SD	
WOODBINE GP	4530	- 4066	5150	- 4686	280	620	SD, SH	
WASHITA GP	5150	- 4686	6307	- 5843	----	1157	LS, SH	
GOODLAND FM	6375	- 5911	6438	- 5974	----	63	LS	
PALUXY FM	6438	- 5974	6790	- 6326	150	352	SD, SH	
UPPER GLEN ROSE FM	6790	- 6326	8090	- 7626	----	1300	LS, SH, ANHY	
LOWER GLEN ROSE FM	8090	- 7626	8740	- 8276	120	650	LS, SH, SD	
PETTET-TRAVIS PEAK	8740	- 8276	10305	- 9841	460	1565	SD, SH, LS	
COTTON VALLEY GP	10305	- 9841	13520	- 13056	750	3215	SD, SH, LS	
COTTON VALLEY LIME	12905	- 12441	13520	- 13056	----	615	LS	
BUCKNER FM	13520	- 13056	14040	- 13576	----	520	SH, ANHY	
SMACKOVER FM	14040	- 13576	14520	- 14056	----			

TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : ZS - WOOD WELL ID NO. : 2C17 ELEVATION : 475 TOTAL DEPTH : 10553
 OPERATOR : TRICE PROD. CO. WELL : NO.1 N.K. DOHR
 LOCATION : 2500 FSL, 330 FEL SEC: TNSP : RNG : SUR : A. YARBROUGH A-663

FORMATION	DEPTH	TOP SUB-SEA	DEPTH	BASE SUB-SEA	NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
CLAIBORNE GP	0	475	1700	- 1225	----	1700	SD, SH	SUR
WILCOX GP	1700	- 1225	2438	- 1963	115+	738	SD, SHY SD	ABV
MIDWAY GP	2438	- 1963	3540	- 3065	0	1102	SH, SDY SH	
NAVARRO GP	3540	- 3065	4900	- 4425	95	1360	SD, SH	
TAYLOR GP	4900	- 4425	8220	- 7745	----	3320	SH, MRL	
AUSTIN GP	8220	- 7745	8875	- 8400	----	655	CHK, MRL	
EAGLE FORD GP	8875	- 8400	9480	- 9005	45	605	SH, SD	
WOODBINE GP	9480	- 9005	9730	- 9255	170	250	SD, SH	
WASHITA GP	9640	- 9165	10222	- 9747	----	582	LS, SH	
GOODLAND FM	10265	- 9790	10299	- 9824	----	34	LS	
PALUXY FM	10299	- 9824	10553	-10078	40+		SD, SH	TD

REMARKS
 BASAL WOODBINE UNCONFORMITY TRUNCATES LOWER CRETACEOUS DUE TO
 PIERCEMENT SALT DOME

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET
 CORE LABORATORIES INC, E AND C DEPT.

JUN 15

COUNTY : ZS - WOOD WELL ID NO. : 2C21 ELEVATION : 360 TOTAL DEPTH : 14625
 OPERATOR : HUMBLE OIL AND REF. WELL : NO.1 P.H. MCKNIGHT
 LOCATION : 467 FWL, 467 FSL SEC: TNSP : RNG : SUR : W.R. JAMES

FORMATION	TOP		BASE		NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
	DEPTH	SUB-SEA	DEPTH	SUB-SEA				
CLAIBORNE	0	360	495	- 135	50	495		SUR
WILCOX GP	495	- 135	1425	- 1065	130	930	SH, SD	
MIDWAY GP	1425	- 1065	2202	- 1842	10	777	SH	
NAVARRO GP	2202	- 1842	2740	- 2380	100	538	SH	
TAYLOR GP	2740	- 2380	4295	- 3935	----	1555	SH, CHK	
AUSTIN GP	4295	- 3935	4543	- 4183	----	248	MRL, CHK	
EAGLE FORD GP	4543	- 4183	4800	- 4440	25	257	SH, SD	
WOODBINE GP	4800	- 4440	5405	- 5045	300	605	SU, SH	
WASHITA GP	5405	- 5045	6560	- 6200	----	1155	LS, SH	
GOODLAND FM	6635	- 6275	6720	- 6360	----	85	LS	
PALUXY FM	6720	- 6360	7154	- 6794	100	434	SD, SH	
UPPER GLEN ROSE FM	7154	- 6794	8727	- 8367	----	1573	LS, SH, ANHY	
LOWER GLEN ROSE FM	8727	- 8367	9090	- 8730	75	363	LS, SH	FLT
BEXAR FM	9090	- 8730	9120	- 8760	----	30	SH	
JAMES FM	9120	- 8760	9262	- 8902	0	142	LS	EQV
PINE ISLAND FM	9262	- 8902	9373	- 9013	----	111	SH	
PETTET-TRAVIS PLAK	9373	- 9013	11245	-10885	540	1872	SD, SH, LS	
COTTON VALLEY GP	11245	-10885	13310	-12950	520	2065	SD, SH, LS	
COTTON VALLEY LIME	12750	-12390	13310	-12950	----	560	LS	
SMACKOVER FM	13310	-12950	14420	-14060	----	1110	LS, DOL	EST

WELL ID NO. : 2021

CONTINUED

FORMATION	TOP		BASE		NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
	DEPTH	SUB-SEA	DEPTH	SUB-SEA				
SALT	14420	-14060	14625	-14265	----			TD

REMARKS
280 FT. F/O AT 8727 (8367)
HAWKINS FLD.

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : ZS - WOOD WELL ID NO. : 2C25 ELEVATION : 425 TOTAL DEPTH : 10135
 OPERATOR : SUN OIL CO. WELL : NO.1 V.S. RETHERFORD
 LOCATION : 660 FNL, 660 FEL SEC : TNSP : RNG : SUR : HELENA NELSON A-431

FORMATION	DEPTH	TOP	SUB-SEA	DEPTH	BASE	NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
					SUB-SEA				
WILCOX GP	0		425	1130	- 705	----	1130	SD, SH	SUR
MIDWAY GP	1130		- 705	1800	- 1375	0	670	SH	
NAVARRO GP	1800		- 1375	2190	- 1765	50	390	SH, SD	
TAYLOR GP	2190		- 1765	4182	- 3757	----	1992	SH, MRL	
AUSTIN GP	4182		- 3757	4493	- 4068	----	311	CHK, MRL	
EAGLE FORD GP	4493		- 4068	5050	- 4625	20	557	SH, SD	
WOODBINE GP	5050		- 4625	5928	- 5503	355	878	SD, SH	
WASHITA GP	5928		- 5503	7168	- 6743	----	1240	LS, SH	
GOODLAND FM	7240		- 6815	7330	- 6905	----	90	LS	
PALUXY FM	7330		- 6905	7770	- 7345	215	440	SD, SH	
UPPER GLEN ROSE FM	7770		- 7345	9290	- 8865	----	1520	LS, SH, ANHY	
LOWER GLEN ROSE FM	9290		- 8865	10018	- 9593	130	728	LS, SH	
PETTET-TRAVIS PEAK	10018		- 9593	10135	- 9710	35+		SD, SH, LS	TD

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : ZS - WOOD WELL ID NO. : 2C27 ELEVATION : 489 TOTAL DEPTH : 12157
 OPERATOR : SAMELAN-HUBER CORPS. WELL : NO.1 JOHNSON-MCCRARY UNIT
 LOCATION : 800 FNL, 1800 FWL SEC: TNSP : RNG : SUR : M.H. DUBOSE A-165

FORMATION	DEPTH	TOP SUB-SEA	DEPTH	BASE SUB-SEA	NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
WILCOX GP	0	489	1020	- 531	0	1020	SH, SDY SH	SUR
MIDWAY GP	1020	- 531	1760	- 1271	0	740	SH	
NAVARRO GP	1760	- 1271	2250	- 1761	65	490	SH, SD	
TAYLOR GP	2250	- 1761	3820	- 3331	----	1570	SH, MRL	
AUSTIN GP	3820	- 3331	4187	- 3698	----	367	MRL, CHK	
EAGLE FORD GP	4187	- 3698	4655	- 4166	85	468	SH, SD	
WOODBINE GP	4655	- 4166	5345	- 4856	350	690	SD, SH	
WASHITA GP	5345	- 4856	6450	- 5961	----	1105	LS, SH	
GOODLAND FM	6515	- 6026	6590	- 6101	----	75	LS	
PALUXY FM	6590	- 6101	6990	- 6501	185	400	SD, SH	
UPPER GLEN ROSE FM	6990	- 6501	8350	- 7861	----	1360	LS, SH, ANHY	
LOWER GLEN ROSE FM	8350	- 7861	9095	- 8606	115	745	LS, SH	
PETTET-TRAVIS PEAK	9095	- 8606	9904	- 9415	265+	809	SD, SH, LS	
COTTON VALLEY GP	9904	- 9415	11670	-11181	265	1766	SD, SH, LS	FLT
COTTON VALLEY LIME	11335	-10846	11670	-11181	----	335	LS	
SMACKOVER FM	11670	-11181	12157	-11668	----		LS, DOL	TD

REMARKS
 2000 FT F/O AT 9904 (-9415)

TEXAS WATER DEVELOPMENT BOARD - SALINE WATER RESOURCES SURVEY - GEOLOGICAL DATA SHEET
 CORE LABORATORIES INC, E AND C DEPT.

JUN 1971

COUNTY : ZS - WOOD WELL ID NO. : 2C28 ELEVATION : 505 TOTAL DEPTH : 14130
 OPERATOR : HUMBLE OIL AND REF. WELL : NO.1 PERRYVILLE GAS UNIT
 LOCATION : 2500 FSL, 1885 FWL SEC: TNSP : RNG : SUR : LAMON BEEBE A-76

FORMATION	DEPTH	TOP SUB-SEA	DEPTH	BASE SUB-SEA	NET THICK	GROSS THICK	LITHOLOGY	TYPE TOP
CLAIBORNE GP	0	505	150	355	----	150	SD, SH	SUR
WILCOX GP	150	355	1080	- 575	175	930	SH, SD	ABV
MIDWAY GP	1080	- 575	1716	- 1211	0	636	SH	
NAVARRO GP	1716	- 1211	2298	- 1793	100	582	SH, SD	
TAYLOR GP	2298	- 1793	3715	- 3210	----	1417	SH, CHK	
AUSTIN GP	3715	- 3210	4132	- 3627	----	417	MRL, CHK	
EAGLE FORD GP	4132	- 3627	4430	- 3925	40	298	SH, SD	
WOODBINE GP	4430	- 3925	4988	- 4483	300	558	SD, SH	
WASHITA GP	4988	- 4483	6015	- 5510	----	1027	LS, SH	
GOODLAND FM	6081	- 5576	6140	- 5635	----	59	LS	
PALUXY FM	6140	- 5635	6495	- 5990	85	355	SD, SH	
UPPER GLEN ROSE FM	6495	- 5990	7770	- 7265	----	1275	LS, SH, ANHY	
LOWER GLEN ROSE FM	7770	- 7265	8460	- 7955	110	690	LS, SH	
PETTET-TRAVIS PEAK	8460	- 7955	10130	- 9625	650	1670	SD, SH, LS	
COTTON VALLEY GP	10130	- 9625	12960	-12455	610	2830	SD, SH, LS	
COTTON VALLEY LIME	12160	-11655	12960	-12455	----	800	LS	
SMACKOVER FM	12960	-12455	13990	-13485	----	1030	LS, DOL	EST
EAGLE MILLS GP	13990	-13485	14130	-13625	----			TD