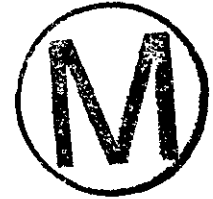


# Appendix A





## **APPENDIX A**

**DATA FOR DRILLHOLES IN  
HOLT AND POWERS (1988) INCLUDING  
ADDITIONAL DRILLHOLES INTERPRETED BY POWERS**



## **APPENDIX A-1**

### **LOCATIONS FOR RUSTLER FORMATION DATA POINTS**

**Rustler Formation Location Data**

ID No.	Hole ID	Location Data*			Drillhole Name**		Revisions
		T.	R.	Sec	fn,sl	fe,wl	
1001	W04	18	29	4	1980n	1980w	Roach Drilling, Western Development Miller No. 1
1002	T19	18	29	19	660s	1980e	Martin Yates III and S.P. Yates, Travis Fed. 2
1003	L18	18	30	18	1650n	924w	Newmont Oil Co., Loco Hills 21-B-6
1004	C25	18	30	25	990n	330e	Yates Petroleum Corp., Creek "AL" #1
1005	G26	18	30	26	990s	330e	Hanson Oil Corp., Ginsberg Fed. No. 11
1006	M27	18	30	27	990n	1651w	Texaco, Inc., L.R. Manning "B" NCT-1 Well #20
1007	R28	18	30	28	330s	1491e	Texaco, Inc., L.R. Manning Fed. "B" (NCT_1) #4
1008	MO2	18	31	2	330s	660w	W.S. Montgomery, Magnolia St. #1
1009	S11	18	31	11	660s	660w	Hudson & Hudson Inc., Shugart B-1
1010	M16	18	31	16	660s	1980e	M.R. Voltz, Magnolia St. #2
1011	F22	18	31	22	660s	660w	Gulf Oil Corp., Fed. Littlefield #1
1012	F28	18	31	28	1980n	660w	Gulf Oil Corp., Fed. Keohane et al "B" No. 1
1013	K28	18	31	28	1980n	1980w	Gulf Oil Corp., Fed.-Keohane et al "B" #3
1014	C31	18	31	31	1980n	1980e	Campana Petroleum Co., Pure Fed. #1
1015	H31	18	31	31	330n	844w	Ray M. Hall, Pure-Fed. #1
1016	M32	18	31	32	1980n	1980w	Chambers and Kennedy, Monterey St. #4
1017	S32	18	31	32	1650n	2310e	Sunray Mid-Continent Oil Co., St. "Y" #1
1018	P32	18	31	32	330n	330w	L.T. Pate, Monterrey St. #5
1019	W33	18	31	33	330n	330w	V.S. Welch [indet] No. 2, Shugart No. 5-B
1020	J04	18	32	4	1650n	990e	B.M. Jackson, Fed. No. 2
1021	G16	18	32	16	1980n	1980w	Gulf Oil Corp., Lea St. "HS" #3
1022	J20	18	32	20	2310s	990w	John M. Beard, Young Fed. #5
1023	C28	18	32	28	1980n	660w	Texaco, Inc., Cotton Draw Unit No. 53
1024	C10	18	33	10	1980n	660e	Carper Drilling Co., Corbin R #1
1025	B12	18	33	12	660n	1980e	P.W. Miller Drilg. & Prod. Co., Brit. Am. St. #2
1026	D13	18	33	13	1650s	2310w	J.I. O'Neill, Jr., Dorothy Swigart #1
1027	S28	18	33	28	1980s	660e	Sunray Mid-Continent Oil Co., Fed. "E" #1
1028	H30	18	33	30	1980s	1980w	Penzoil United Inc., Hudson "29" Fed. #3
1029	N01	18	34	1	560n	760w	Texaco, Inc., St. of New Mexico "M" #5
1030	L06	18	34	6	989n	330w	Phillips Petroleum Co., Lea No. 17
1031	B07	18	34	7	660s	660e	Richardson & Bass, St. of New Mexico #1
1032	S22	18	34	22	1980s	1980w	Continental Oil Co., St. V-22 #2
1033	T22	18	34	22	330s	1980w	Continental Oil Co., St. V-22 #1
1034	M33	18	34	33	330s	1980w	Tom Brown Drilling Co., Marathon St. #1
1035	F03	18	35	3	2310s	330e	Phillips Petroleum Co., Santa Fe No. 114

A-3



Rev loc ctr, NE1/4, SE1/4

ID No.	Hole ID	Location Data *				Drillhole Name		Revisions
		T.	R.	Sec	fn,sl	fe,wl		
1036	V04	18	35	4	1980n	660w	Standard Oil Co. of Texas, Vac Edge Unit #2	
1037	F05	18	35	5	1650n	990e	Phillips Petroleum Co., Santa Fe No. 111	
1038	S05	18	35	5	1650n	2285e	Phillips Petroleum Co., Santa Fe No. 93	
1039	V05	18	35	5	990s	990e	Standard Oil Co. of Texas, Vac Edge Unit #19	
1040	W06	18	35	6	330s	913w	The Ohio Oil Co., St. Waren Account 2 #9	
1041	A07	18	35	7	330n	990e	Tidewater Oil Co., St. AN #1	
1042	C29	18	35	29	1980n	660w	Carper Drilling Co., Carper-Luthy No. 1	
1043	C01	18	36	1	1980s	1980e	Cactus Drilling Corp., Catron "B" No. 2	
1044	P11	18	36	11	1980s	1980w	John M. Kelly, St. PE #1	
1045	K11	18	36	11	660s	660e	John M. Kelly, St. J.J. #1	
1046	C12	18	36	12	660n	1980w	Cactus Drilling Co., Amerada St. #1	
1047	A14	18	37	14	1650s	2310w	Amerada Petroleum Corp., St. W.H. "B" #2	
1048	W31	18	37	31	1980n	660w	Amerada Petroleum Corp., St. WM "E" #3	
1049	A03	18	38	3	1980s	1980e	O.D. Alsabrook, Saunders #1	
1050	M19	18	38	19	2310s	1650e	Shell Oil Co., Shell et al McKinley A-19 #1	
1051	N06	19	29	6	1980s	1765w	Shamrock Drilling Co., Nix & Curtis #1	
1052	S21	19	29	21	2015n	1880e	Wayne J. Spears, Stout St. #1	
1053	U26	19	29	26	660n	660w	Wayne J. Spears, Union St. #1	Rev loc NW1/4, NW1/4
1054	P05	19	30	5	1980n	330w	Yates Petroleum Corp., Perkins "AD" #3	
1055	U06	19	31	6	330n	1650w	Texaco, Inc., USA Fed. #1	
1056	S13	19	31	13	660s	1980e	Phillips Petroleum Co., Simon "A" No. 1	
1057	S14	19	31	14	660s	660e	Phillips Petroleum Corp., Simon "A" #2	
1058	T21	19	31	21	1980s	660e	Texas Crude Oil Co., Tennessee-Fed. #1-21	
1059	E29	19	32	29	1980n	660e	El Paso Natural Gas Co., Southern Cal. Fed. #1	
1060	C12	19	34	12	660n	660w	Carper Drilling Co., U.S. Smelting St. #1	
1061	A14	19	35	14	660s	660w	Atlantic Refining Co., St. AU #1	
1062	S27	19	35	27	1980n	660e	Shell Oil Co., Allen Est. A #1	
1063	C28	19	35	28	1980s	660w	Cabot Carbon Co., St. G #1	
1064	L33	19	35	33	1980n	660e	Gulf Oil Corp., Lea St. BG #8	
1065	P01	19	36	1	1980n	330e	Pan American Petroleum Corp., St. "B" #1	
1066	H11	19	36	11	660s	1980w	Humble Oil and Refining Co., New Mex. St. "AO" #1	
1067	S18	19	36	18	1980n	1980w	Tom Brown Drilling Co., Sunray-Bryan #1	
1068	A25	19	36	25	660n	1980w	Amerada Petroleum Corp., St. "T" No. 4	Rev loc NE1/4, NW1/4
1069	A32	19	37	32	1980s	1980e	Amerada Petroleum Corp., May Love Unit #1	
1070	F21	20	30	21			Amoco Prod., Fed. Gas Com No. 1-G	Log lacks loc data

A-4

ID No.	Hole ID	Location Data *			Location Data		Drillhole Name	Revisions
		T.	R.	Sec	fn,sl	fe,wl		
1071	L31	20	30	31	1980n	760e	Texas International Petrol. Corp., Lowe Fed. #1	
1072	B07	20	31	7	1650s	660e	Pan American Petroleum Corp., Big Eddy Unit #11	
1073	B21	20	31	21	660n	660w	Pennzoil United, Big Eddy Unit No. 12	
1074	F10	20	32	10	330n	990w	Shell Oil Co., Perry Fed. #1	
1075	H13	20	32	13	660s	1980w	Flag-Redfern Oil Co., Hanson St. #1	
1076	P15	20	32	15	1980s	1980w	Phillips Petroleum Co., Plata Deep Unit #1	
1077	L05	20	33	5	660s	1980w	Pan American Petroleum Corp., Little Eddy Unit #1	
1078	S14	20	33	14	2310s	990w	Carl Engwall, Sinclair Fed. #1	
1079	B18	20	33	18	660n	2080w	Randall F. Montgomery, Bass St. #1	
1080	S18	20	33	18	1650n	1650w	Randall F. Montgomery, Bass St. #2	
1081	F27	20	33	27	1980n	1650e	Amoco Prod. Co., API #30-025-26241, Fed."Y" Com #1	
1082	L13	20	34	13	1980s	1980e	Marathon Oil Co., Lea Unit #3	
1083	H20	20	34	20	2310n	1650w	Burk Royalty, Hanson Fed. B #2	
1084	F29	20	34	29	1980s	330e	Earl G. Colton, Fed. #1	
1085	B28	20	35	28	660n	660e	W.H. Black, Phillips St. No. 1	
1086	S02	20	36	2	660n	1980e	The Superior Oil Co., St. "A" No. 2	
1087	U30	20	36	30	660n	660w	Union Oil Co. of California, Sims St. 1-30	
1088	H01	20	37	1	990n	1650w	Humble Oil and Refining Co., N.M. St. "AG" No. 6	
1089	W27	20	38	27	660s	660w	Continental Oil Co., Warren Unit "BT" No. 26	
1090	P03	21	29	3	1980n	1980w	Pan American Petroleum Corp., Big Eddy Unit #18	
1091	N04	21	29	4	4620s	1980w	Union Oil Co. of California, Cowden Fed. #1	
1092	P05	21	29	5	1980n	660e	Meadco Properties, Ltd., Harris-Bell #1	
1093	M05	21	29	5	980n	1880w	Meadco Properties Ltd., Harris Bell #2	
1094	M06	21	29	6	3147n	660e	Meadco Properties Ltd., Harris "6" #1	
1095	B15	21	29	15	1980s	1980w	Perry R. Bass, Big Eddy Unit #61	
1096	P18	21	29	18	1980s	1980e	Pan American Petroleum Corp., Big Eddy Unit #16	
1097	B22	21	29	22	1980n	1980e	Perry R. Bass, Big Eddy Unit No. 40	
1098	E34	21	29	34	660n	1980w	Bass Enterprises Prod. Co., Big Eddy Unit No. 38	
1099	D21	21	30	21	90n	1485w	WIPP 27	
1100	P26	21	30	26	660s	1980w	Phillips Petroleum Co., James "D" 1	
1101	P35	21	30	35	1980s	660w	Phillips Petroleum Co., James "C" #1	
1102	D18	21	31	18	99n	2401e	WIPP 28	
1103	D33	21	31	33	668n	177w	WIPP 30	
1104	Q35	21	31	35	2152s	910e	ERDA 6	
1105	E01	21	32	1	3255n	1972e	Phillips Petroleum Co., ETZ Fed. #1	

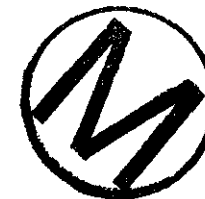
Ref El from SAND79-0284

ID No.	Hole ID	Location Data			Location Data		Drillhole Name	Revisions
		T.	R.	Sec	fn,sl	fe,wl		
1106	F01	21	32	1	660s	1980w	Kimball Production Co., Fed. #1	
1107	H02	21	32	2	660s	1980e	Phillips Petroleum Co., Hat Mesa "A" #1	
1108	P02	21	32	2	3300n	660w	Amini Oil Co., Pubco Fed. #1	
1109	N04	21	32	4	1683n	1650w	Amini Oil Co., New Mexico Fed. #1	
1110	S06	21	32	6	2189n	500e	Holly Energy, Inc., Salt Lake Deep No. 1	
1111	G10	21	32	10	1980n	1980e	The Superior Oil Co., Government "H" Com. #1	
1112	F11	21	32	11	660s	660e	Gackle Drilling Co., Fed. #1	Rev loc SE1/4, SE1/4
1113	H11	21	32	11	660s	1980w	Phillips Petroleum Co., Hat Mesa 2-#2	
1114	M11	21	32	11	1980n	1980e	Phillips Petroleum Co., Hat Mesa #1	
1115	S21	21	32	21	660n	660w	Skelly Oil Co., Salt Lake South Unit #1	
1116	G26	21	32	26	1980n	660e	Gulf Oil Corp., San Simon #1	
1117	H31	21	32	31	660n	1980w	Gulf Oil Corp., H.T. Mattern (NCT) #10	
1118	U31	21	32	31	2040n	2040e	Union Carbide Corp., AEC #7; also Fenix & Scisson, AEC #7	
1119	G32	21	32	32	1980n	1980e	Getty Oil Co., Getty "32" St. Com #1	
1120	S02	21	33	2	2310s	2310w	Charles Read, Sinclair St. #1	
1121	W01	21	35	1	660n	660e	Amerada Petroleum Corp., St. WE "F" #3	Surf El from log
1122	N04	21	35	4	1902n	660w	British American Oil Prod. Co., N.M. St. "F" #1	
1123	C16	21	35	16	660s	660e	Cosden Petroleum Co., Cosden Petr. St. D #1	
1124	R32	21	35	32	1650n	660e	Resler & Sheldon, Phillips "C" No. 2	
1125	C17	21	36	17	990n	1650w	Atlantic Refining Co., Coleman #1	
1126	A21	21	36	21	660s	1980w	Gulf Oil Corp., Arnott Ramsey "C" No. 5	Rev loc SE1/4, SW1/4; log elev
1127	H26	21	36	26	1980n	1980w	Humble Oil & Refining Co., N.M. St. "G" #14	
1128	A27	21	36	27	1980s	1980e	Gulf Oil Corp., Arnott Ramsey "C" No. 5; ?DUP 1126 ***	Rev loc SE1/4, SW1/4
1129	G27	21	36	27	650n	1980e	Gulf Oil Corp., W.A. Ramsey NCT A #42	
1130	R27	21	36	27	1980s	510e	Gulf Oil Corp., W.A. Ramsey (N.C.T.A.) #39	
1131	L31	21	36	31	1980n	1980e	Late Oil Co., Rector A #1	
1132	A33	21	36	33	1980s	1980e	Gulf Oil Corp., Arnett Ramsey NCT-D #12	
1133	R34	21	36	34	1980n	660w	Gulf Oil Corp., W.A. Ramsey NCT #38	
1134	C28	21	37	28	2085s	765e	Gulf Oil Corp., J.N. Carson (NCT) C#9	
1135	M31	21	37	31	1980n	660w	Gulf Oil Corp., N.T. Mattern (NCT) No. B-12	B#10 or B#12?, log unclear
1136	E06	22	29	6	660s	660e	William A. and Edward R. Hudson, Eddy Fed. #1	
1137	D33	22	29	33	1673s	29e	WIPP 32	
1138	D34	22	29	34	407s	1828e	WIPP 29	



ID No.	Hole ID	Location Data *					Drillhole Name	Revisions
		T.	R.	Sec	fn,sl	fe,wl		
1139	T01	22	30	1	990s	1980w	Troporo Oil and Gas Co., Cabana #1	
1140	M02	22	30	2	665s	2006e	Phillips Petroleum Co., James "A" #1	
1141	D11	22	30	11	1980n	1980e	Phillips Petroleum Co., James "E" #1	
1142	D13	22	30	13	1762s	2427w	WIPP 33	
1143	D15	22	30	15	1853s	2838e	WIPP 25	Rev loc, elev from SAND79-0279
1144	P24	22	30	24	312s	613w	P-14	
1145	O24	22	30	24	167n	195e	P-12	
1146	B27	22	30	27	660n	2003e	Richardson & Bass, Fed. Legg #1	
1147	D29	22	30	29	2232n	12e	WIPP 26	
1148	C06	22	31	6	1980n	660w	B. McKnight et al, Campana No. 1	
1149	Z08	22	31	8	698s	122e	Fenix & Scissons Inc., WIPP No. DOE-2	
1150	D09	22	31	9	712n	294w	WIPP 11	
1151	W09	22	31	9	202s	2000w	WIPP 34	
1152	I09	22	31	9	99s	2112e	WIPP 14	Ref elev typo revised
1153	A11	22	31	11	935n	1979w	AEC 8	
1154	P14	22	31	14	794s	103e	P-20	
1155	H15	22	31	15	1007n	134e	Fenix & Scisson, WIPP HYDRO H-5c	
1156	P15	22	31	15	852n	150e	P-21	
1157	B15	22	31	15	1980s	1980w	Clayton W. Williams Jr., Badger Unit Fed. No. 1	
1158	D17	22	31	17	2564s	1727w	Fenix & Scisson, WIPP #13	
1159	W17	22	31	17	175s	84e	Fenix & Scisson, Inc., WIPP No. 12	
1160	P17	22	31	17	202s	165e	P-5	
1161	P18	22	31	18	125n	116w	P-13	
1162	H18	22	31	18	281n	375w	Fenix and Scisson, Inc., WIPP H-6c	
1163	P20	22	31	20	103s	3122e	P-3	
1164	S20	22	31	20	4306s	50e	Fenix & Scisson, Inc., WIPP #18	
1165	W20	22	31	20	2547s	50e	Fenix & Scisson, Inc., WIPP #22	
1166	D20	22	31	20	1451s	10e	Fenix & Scisson, Inc., WIPP #21	
1167	I20	22	31	20	2986s	50e	Fenix & Scisson, Inc., WIPP #19	
1168	Q20	22	31	20	267s	177e	ERDA 9	
1169	P23	22	31	23	175n	177w	P-11	
1170	O23	22	31	23	1652s	2330w	P-19	
1171	W23	22	31	23	330s	330e	Texas Crude Oil Co., Wright-Fed. #1-23	
1172	O26	22	31	26	134s	797e	P-18	
1173	P26	22	31	26	2315n	339w	P-10	

A-7





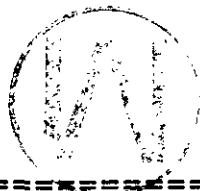
ID No.	Hole ID	Location Data*					Drillhole Name	Revisions
		T.	R.	Sec	fn,sl	fe,wl		
1174	P28	22	31	28	146s	1487e	P-4	
1175	DOE1	22	31	28	182s	608e	DOE-1	
1176	O28	22	31	28	125n	172e	P-2	Rev loc from OFR78-592
1177	L29	22	31	29	623n	1083e	H-1	
1178	H29	22	31	29	372s	562w	Department of Energy, H-14	Elev from SAND89-0202; ?Cul
1179	R29	22	31	29	770n	3584e	ERDA, Hydrological H-2c	
1180	Y29	22	31	29	3200n	140e	Sandia National Laboratories, Hydrological No. 3	
1181	P29	22	31	29	327s	551w	P-1	
1182	P30	22	31	30	2767s	199w	P-6	
1183	P31	22	31	31	398s	184w	P-15	
1184	H33	22	31	33	1502s	105e	H-11	Rev for H11b3; SAND89-0200
1185	P33	22	31	33	1493s	143e	P-9	
1186	T13	22	32	13	660s	660e	Ray Smith Drilling Co., B&H Fed. 1	
1187	C14	22	32	14	660s	1980w	Carper Drilling Co., #2 Red Tank Unit	
1188	C17	22	32	17	1980s	1980e	Cleary Petroleum Corp., Fed. 1-17	
1189	T18	22	32	18	660s	660e	J.H. Trigg Co., Fed. Jennings 1-18	
1190	B19	22	32	19	660s	660e	Ralph Lowe, Bass Fed. #1	
1191	M20	22	32	20	1980n	1980e	R.J. Zonne, #1 Fed.	
1192	T22	22	32	22	1980n	660w	John M. Trigg Co., Fed. Red Tank Unit #1-22	
1193	A25	22	32	25	660n	1980w	Gulf Oil Co. -- U.S., Covington "A" Fed. #1	
1194	T36	22	32	36	660n	660e	Tidewater Oil Co., Richardson & Bass St. "AO" #1	
1195	H01	22	34	1	1980s	660e	Humble Oil and Refining Co., N.M. St. BS #1	
1196	N08	22	34	8	660s	1980e	Sunray Mid-Continent, New Mexico St. "AE" No. 1	Elev from Richey (1989); KB77
1197	H10	22	34	10	1980n	660e	Hudson & Hudson Personal, Allison Fed. No. 1	
1198	J01	22	35	1	660s	660w	British American Oil Prod. Co., Jalmat Deep #1	
1199	D03	22	35	3	660n	660w	Western Drilling Co., Donegan St. No. 1	
1200	A04	22	35	4	660s	660e	Ashmun & Hilliard No. 3 Ltd., Skelly St. #1-U	
1201	S05	22	35	5	660n	660e	Skelly Oil Co., St. "U" #1	
1202	H09	22	35	9	1980s	1980w	William A. & Edward R. Hudson, Humble St. #1	
1203	B11	22	35	11	660s	990w	British American Oil Prod. Co., Hall St. "F" #9	
1204	C20	22	35	20	1980n	660e	Carper Drilling Co., Carper Aztec No. 1	
1205	H22	22	35	22	1980s	1980e	Curtis Hankamer, Humble St. #1	
1206	A23	22	35	23	1980s	330e	Atlantic Refining Co., St. "AN" #1	
1207	G35	22	35	35	660s	660w	John M. Kelly, Gulf St. 1-A	
1208	L03	22	36	3	660n	660w	Gulf Oil Corp., Harry Leonard (NCT-D) No. 9	

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ID No.	Hole ID	Location Data *			Location Data		Drillhole Name	Revisions
		T.	R.	Sec	fn,sl	fe,wl		
1209	G03	22	36	3	1980n	1980w	Gulf Oil Corp., Harry Leonard NCT-D No. 10	
1210	J04	22	36	4	1980s	660e	Gulf Oil Corp., J.F. Janda NCT F#15	
1211	G09	22	36	9	1980s	660e	Sinclair Oil & Gas Co., St. 157 A #4	
1212	S09	22	36	9	660s	660e	Sinclair Oil & Gas Co., St. 157 A #3	
1213	W10	22	36	10	560s	660w	Western Natural Gas Co., Record #2	
1214	A17	22	36	17	1980n	1980w	Continental Oil Co., Arrowhead Deep Unit #1	
1215	C19	22	36	19	660n	330w	Cities Service Oil Co., Closson "B" #14	
1216	C23	22	36	23	660s	660w	Shell Oil, Christmas #A-2	Co. name uncertain
1217	A33	22	36	33	1980n	1830w	Atlantic Refining Co., J.L. Selby No. 2	
1218	M36	22	36	36	2310n	330w	The Ohio Oil Co., St. McDonald A/C 1-B #11	
1219	W15	22	37	15	1980s	660w	Amerada Petroleum Co., E.W. Walden No. 4	Rev loc NW1/4, SW1/4
1220	R16	22	37	16	2310s	1650e	E.P. Campbell, R.E. Cole #1	
1221	A36	22	37	36	1980s	1980e	Aztec Oil & Gas Co., St. BD 36 #1	
1222	W30	22	38	30	990s	330w	Western Oil Fields Inc., Gulf Drinkard #2	
1223	M02	23	28	2	1560s	330w	Neil H. Wills, Martin & Pardue #1	
1224	C11	23	28	11	2316s	2290w	Neil H. Wills, C.P. Pardue #1	
1225	P17	23	28	17	660n	2310e	Cities Service Co., Polk "A" #1	
1226	N12	23	29	12	1980s	1980w	Mesa Petroleum Co., Nash Unit #3	
1227	P13	23	29	13	2310s	330e	Mesa Petroleum, Nash Unit #5	
1228	M13	23	29	13	990n	330e	Mesa Petroleum Co., Nash Unit #4	
1229	U13	23	29	13	1980n	660e	Mesa Petroleum Co., Nash Unit #1	
1230	H14	23	30	14	2595n	2471w	Fenix & Scisson, Inc., WIPP H-7c	
1231	F16	23	30	16	1980s	1980e	Skelly Oil Co., Forty-Niner Rdige Unit #1	
1232	U18	23	30	18	1980n	330w	Mesa Petroleum Co., Nash Unit #6	
1233	S21?	23	30	21	1980n	1980e	Skelly Oil, Forty Niner Ridge Unit 2; ? DUP 1234	
1234	N21	23	30	21	1980n	1980e	Skelly Oil Co., Forty Niner Ridge Unit 2	
1235	S24	23	30	24	1980n	660w	Phillips Petroleum Co., Sandy Unit #1	
1236	Q34	23	30	34	200n	2327e	ERDA 10	Rev from BDR: SAND79-0271
1237	U34	23	30	34	2640n	2640w	Atomic Energy Commission, U.S.G.S. Test Hole #1	
1238	S02	23	31	2	660n	660e	Continental Oil Co., St. AA 2 No.1	
1239	O04	23	31	4	1351s	395w	P-17	Ref elev from OFR78-592
1240	P04	23	31	4	642n	96w	P-8	
1241	H05	23	31	5	447n	719w	Fenix & Scisson, WIPP No. H-4C	
1242	P05	23	31	5	513n	396w	P-7	





ID No.	Hole ID	Location Data			Location Data		Drillhole Name	Revisions
		T.	R.	Sec	fn,sl	fe,wi		
1243	O05	23	31	5	1990n	2017e	M.P. Grace Cabin Baby Fed. 1	Data from WTSD-TME-020
1244	O05	23	31	5	951s	1629w	P-16	
1245	B11	23	31	11	660s	660e	Max M. Wilson, Bauerdorf-Fed. #1	
1246	T14	23	31	14	1980s	1980w	Texas American Oil Corp., Todd Fed. "14" No. 1	
1247	H15	23	31	15	23n	92e	H-12	Rev from BDR; SAND90-0201
1248	A16	23	31	16	1980s	1980w	El Paso Natural Gas Co., Arco St. #1-16	
1249	P21	23	31	21	660s	660e	Patoil Corp., Muse Fed. #1	
1250	F23	23	31	23	1980s	1800e	Texas American Oil Corp., Todd Fed. 23 #3	
1251	T23	23	31	23	660s	1650e	Texas American Oil Corp., Todd "23" Fed. No. 1	
1252	T25	23	31	25	1980n	1970w	Skelly Oil Co., Todd 25 Fed. #1-Z	
1253	A26	23	31	26	1980n	1650e	Texas American Oil Corp., Todd Fed. #2	
1254	T26	23	31	26	1980n	1980e	Texas American Oil Corp., Todd Fed. "26" No. 1	
1255	B26	23	31	26	660n	1980e	Texas American Oil Corp., Todd Fed. #4	Rev elev from geophys log
1256	P27	23	31	27	1980s	660w	Patoil Corp., Wright-Fed. #1	
1257	M29	23	31	29	1980s	1980e	El Paso Natural Gas Co., Mobil-Fed. #1	
1258	L32	23	31	32	660n	660w	J.A. Leonard, Continental St. No. 1	
1259	W33	23	31	33	1980n	660w	Patoil Corp., Wright-Fed. #2	
1260	H36	23	31	36	660s	660w	Charles P. Miller, Pauley Harrison St. #1	sw1/4,sw1/4 converted
1261	K03	23	32	3	1980n	660e	O.B. Kiel, Jr., Fed. #1	
1262	M09	23	32	9	660s	1980e	McBee Oil Co., Continental Fed. #1-9	
1263	H11	23	32	11	1980n	1980e	Hill & Meeker & Ambass. Oil Corp., Matthews "11" #1	
1264	T15	23	32	15	1980n	1980e	John H. Trigg, Fed. Continental 1-15	
1265	F18	23	32	18	1980n	660e	Skelly Oil Co., Fed. Sand 18-1	
1266	K20	23	32	20	660s	1980e	Kirklin Drilling Co., Fed. Estill AF-1	Grnd elev from topo map
1267	H20	23	32	20	381s	1978e	Fenix & Scisson, Inc., WIPP No. H-10c	
1268	G21	23	32	21	660n	1980e	Curtis Hankamer, Gulf-Fed. "A-A" #1	
1269	H24	23	32	24	1650s	330e	H.L. Johnston, Sr., Conoco-Fields-Fed. #1	
1270	C24	23	32	24	660s	660e	Continental Oil Co., Fields Fed. No. 1	
1271	C25	23	32	25	990s	330w	Continental Oil Co., Fields No. 2	
1272	J25	23	32	25	990n	2310w	H.L. Johnston, Sr., Wehrli-Fed. #1	
1273	W26	23	32	26	330s	330e	John H. Trigg, Fed. "WL" #3-26	
1274	F26	23	32	26	1980s	330e	P.M. Drilling Co., Fed. James No. 4	
1275	P26	23	32	26	660s	1980w	P.M. Drilling Co., Fed. Field #1	Ref elev rev from log
1276	L26	23	32	26	330s	1650e	John H. Trigg Co., No. 4-26 Fed. WL	
1277	W28	23	32	28	660n	1980w	Max Wilson, Continental Fed. No. 1	

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ID No.	Hole ID	Location Data *					Drillhole Name	Revisions
		T.	R.	Sec	fn,sl	fe,wl		
1278	H31	23	32	31	660s	660w	Curtis Hankamer, Hankamer No.1 Continental Fed.	
1279	C33	23	32	33	1980n	660e	Curtis Hankamer, Holder Fed. #1	
1280	P34	23	32	34	1980s	330e	The Pure Oil Co., Fed. "K" No. 1	
1281	Q35	23	32	35	1980s	1980e	PM Drilling Co., Fed. James No. 3	Ref elev rev from log
1282	A35	23	32	35	1650n	2310e	John H. Trigg, Fed. WL 1-35	
1283	T35	23	32	35	660n	660e	P.M. Drilling Co., Fed.-James No. 1	Ref elev rev from log
1284	M35	23	32	35	990n	2310w	P-M Drilling Co., Payne No. 2	
1285	J35	23	32	35	1650n	990e	John H. Trigg, Fed. "WL" No. 2-35	Ref elev rev from log
1286	F35	23	32	35	1980n	660w	P.M. Drilling Co., Payne Fed. No. 4	
1287	P35	23	32	35	2310n	2310w	P-M Drilling Co., Fed.-Payne No. 1	
1288	R35	23	32	35	660n	1980e	P.M. Drilling Co., Fed. James No. 2	
1289	D35	23	32	35	1980s	330w	P.M. Drilling Co., Fed. Payne No. 3	
1290	P36	23	32	36	330n	330w	Penroc Oil Corp., Triste St. #1	Ref elev rev from log
1291	B36	23	32	36	1980s	1980e	The Pure Oil Co., Brinninstool Deep Unit #1	
1292	G36	23	32	36	1980n	660w	David Fasken, Gulf St. #1	
1293	C04	23	33	4	660s	660e	Cabeen Exploration Corp., Continental Fed. #1-P	
1294	T06	23	33	6	330s	330e	William A. & Edward R. Hudson, Shell Fed. #1-6	
1295	H07	23	33	7	660s	660w	William A. & Edward R. Hudson, Fed. 7 Well #1	
1296	T17	23	33	17	660s	660w	P-M Oil Co., Texaco St. No. 1	
1297	S18	23	33	18	660s	660w	Helbing & Podpechan, #1 "A" Shell St.	
1298	T18	23	33	18	660n	1980e	Tenneco Oil Co., Skelly St. #1	
1299	M19	23	33	19	660s	1980w	Continental Oil Co., Marshall #3	
1300	B19	23	33	19	660s	660w	Continental Oil Co., I.J. Marshall 19-1	
1301	A19	23	33	19	1980s	625w	Continental Oil Co., Marshall #4	
1302	C19	23	33	19	1980s	1910w	Continental Oil Co., Marshall #19-2	
1303	A20	23	33	20	1980n	1980e	American Quasar, Brinninstool #1	
1304	C20	23	33	20	660s	660e	Continental Oil Co., Levick Fed. #1	
1305	K31	23	33	31	660n	660e	Kirklin Drilling Co., Lea St. #1	
1306	H32	23	33	32	660n	1980e	El Cinco Production Co., Ltd., Humble St. 1-32	
1307	B35	23	33	35	660s	660w	George L. Buckles Co., St. 1-35	
1308	B18	23	34	18	1980s	1980w	Continental Oil Co., Bell Lake #9	
1309	L19	23	34	19	1980n	1980w	Continental Oil Co., Bell Lake Unit #10	
1310	N22	23	34	22	1980n	1980e	Shell Oil Co., North Antelope Ridge Unit #1	
1311	S34	23	34	34	1980s	1650w	Shell Oil Co., Antelope Ridge Unit 34-1	
1312	E01	23	35	1	660n	660e	Kenwood Oil Co., Ehrman Fed. No. 1	



ID No.	Hole ID	Location Data*				Drillhole Name		Revisions
		T.	R.	Sec	fn,sl	fe,wl		
1313	M01	23	35	1	2310s	330w	Schermerhorn Oil Corp., Malco Fed. No. 1	
1314	G03	23	36	3	660n	660e	Albert Gackle, Sinclair St. #7	
1315	F17	23	36	17	1650n	990w	Continental Oil Co., Farney A-17 No. 3	
1316	S20	23	36	20	1980s	1980w	Sinclair Oil & Gas Co., Fed. 714 #4	
1317	H04	23	37	4	1980s	660w	Samedan Oil Corp., Hughes A-1 #6	
1318	K06	23	37	6	330n	330e	Ralph Lowe, King "B" #5	
1319	H09	23	37	9	1980s	1980w	Skelly Oil Co., Harrison B-10	
1320	T16	23	37	16	1980s	1980e	The Texas Co., #3 St. of New Mexico "BZ" NCT-8	
1321	O24	23	37	24	660s	660e	Earl M. Craig, Ohio St. #1	
1322	B31	23	37	31	1980s	660e	Texaco Inc., E.E. Blinberry A NCT 1-2	
1323	C05	24	29	5	1650s	660w	Chase Petroleum Co., Valley #1	
1324	E06	24	29	6	330s	2310e	El Capitan Oil Co., Fed. Reid No. 1	
1325	F07	24	29	7	2310s	2310e	Southern California Petrol. Corp., Fed. Reid #1	
1326	R07	24	29	7	2310n	2310e	Southern California Petrol. Corp., Fed. Reid #2	
1327	V07	24	29	7	990s	330w	Tennessee Production Comp., Valley Land Co. #2	
1328	T07	24	29	7	1650s	1650w	Tennessee Production Co., Valley Land #3	
1329	C09	24	29	9	770s	770e	Skelly Oil Co., Cedar Canyon #1	
1330	S09	24	29	9	660s	1980e	Skelly Oil Co., Cedar Canyon 9D #1	
1331	C10	24	29	10	2180n	1980w	Skelly Oil Co., Cedar Canyon #10-1	
1332	P27	24	29	27	660s	660w	Penzoil United Inc., Mobil-Fed. "27" #1	
1333	P04	24	30	4	660s	1980e	Perry R. Bass, Poker Lake Unit #54	
1334	P18	24	30	18	460n	660e	Perry R. Bass, Poker Lake Unit #45	
1335	H23	24	30	23	2062n	1466e	Fenix & Scisson, Inc., WIPP H No. 8-C	
1336	B25	24	30	25	660s	660w	Hill & Meeker, Bass Fed. #1-25	
1337	C29	24	30	29	660s	660e	Ford Chapman & Associates, Fed.-Nettles No. 1	
1338	T02	24	31	2	1980n	1980w	Skelly Oil Co., Todd "2" St. #1	
1339	J03	24	31	3	660s	660e	Max Wilson, Jennings Fed. No. 1	
1340	F03	24	31	3	660n	660w	Jack L. McClellan, Jennings Fed. No. 1	
1341	S04	24	31	4	660n	660e	Texaco, Inc., M.M. Stewart Fed. #1	
1342	H04	24	31	4	2482n	193w	Fenix & Scisson, Inc., WIPP No. H-9C	
1343	B04	24	31	4	1659n	2310w	Sundance Oil Co., Betty Fed. #1	
1344	E04	24	31	4	1980n	1980w	El Paso Natural Gas Co., Sundance Fed. #1	
1345	D06	24	31	6	1980n	1980w	American Quasar, Dunes Unit Fed. #1	
1346	Y07	24	31	7	660s	660e	Ambassador Oil Corp., Fed. "Y" #1	
1347	G11	24	31	11	660n	1980e	Gulf Oil Corp., Fed. Littlefield "CT" #1	

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ID No.	Hole ID	Location Data			Location Data *		Drillhole Name	Revisions
		T.	R.	Sec	fn,sl	fe,wl		
1348	E12	24	31	12	1980s	1980w	Coquina Oil Corp., El Paso Fed. No. 1	
1349	W17	24	31	17	660n	660e	W.J. Weaver, Continental Fed. #1	Ref elev calc from log
1350	R18	24	31	18	660s	660e	Charles B. Read, Ritchie Fed. #1	
1351	P20	24	31	20	660n	660e	Pauley Petroleum Inc., Jennings Fed. #1	
1352	F20	24	31	20	660s	1980w	David Fasken, Poker Lake #40	
1353	H21	24	31	21	660n	660e	Hill & Meeker, Carper Fed. #1-21	
1354	T24	24	31	24	660s	1980e	The Texas Co., T. Heflin-Fed. #1	
1355	M28	24	31	28	660s	660e	Pan American Petroleum Corp., Poker Lake Unit #36	
1356	M35	24	31	35	1980s	660w	Texaco, Inc., Cotton Draw Unit No. 67	
1357	U01	24	32	1	660s	1980e	Union Oil Co. of California, Union Fed. "1" #1	
1358	C01	24	32	1	1980s	660w	Cabeen Exploration Corp., Continental Fed. #1-L	
1359	M02	24	32	2	1990n	1990w	Calco, Marathon St. #1	
1360	O02	24	32	2	1980n	660e	P.M. Drilling Co., Ohio St. No. 1	
1361	H06	24	32	6	660n	1980e	Curtis Hankamer, Bondurant Fed. No. 1	
1362	G10	24	32	10	1980s	1980e	Gulf Oil Corp., Fed. Hanagan D #1	
1363	C11	24	32	11	660n	660e	Continental Oil Co., Wimberly #2	
1364	N11	24	32	11	660s	1980e	Curtis Hankamer, Hanagan Fed. No. 2	
1365	H11	24	32	11	1980s	660e	Gulf Oil Corp., Fed. Hanagan D #3	
1366	F11	24	32	11	1980s	1980e	Gulf Oil Corp., Fed. Hanagan D #2	
1367	G11	24	32	11	660s	660e	Curtis Hankamer, Gulf Hanagan #1	
1368	W11	24	32	11	1980n	1980e	Continental Oil Co., Wimberly #1	
1369	W12	24	32	12	660n	660e	Continental Oil Co., Wimberly 12 #1	Loc rev from geoph log
1370	C12	24	32	12	1980n	660e	Continental Oil Co., Wimberly "12" #2	
1371	H12	24	32	12	1980n	660w	Curtis Hankamer, Hanagan Fed. No. 3	Ref elev rev from log
1372	W13	24	32	13	660s	660e	WeSt.s Petroleum Corp. of Texas, Woolley #1	
1373	A13	24	32	13	660n	1980e	Continental Oil Co., Wimberly "A" #1	
1374	J14	24	32	14	660n	1980w	Tenneco Oil Co., #1 USA Jennings	
1375	T14	24	32	14	882s	882w	Tenneco Oil Co., USA Jennings N.M. 033503 No. 2	
1376	F14	24	32	14	1980s	1650w	Tenneco Oil Co., Jennings Fed. No. 4	
1377	U14	24	32	14	660n	1980e	Tenneco Oil Co., USA Jennings N.M. 033503 Well #3	
1378	F15	24	32	15	660s	720e	Gulf Oil Corp., Fed. Hanagan "B" #2	
1379	G15	24	32	15	1980s	660e	Gulf Oil Corp., Fed. Hanagan "B" #3	
1380	T15	24	32	15	660s	1980w	Tenneco Oil Co., Hicks-Fed. #1	
1381	H15	24	32	15	660s	1980e	Gulf Oil Corp., Fed. Hanagan "B" #1	
1382	B22	24	32	22	1980s	1980e	Charles B. Read, Bradley #1	



ID No.	Hole ID	Location Data			Location Data		Drillhole Name	Revisions
		T.	R.	Sec	fn,sl	fe,wl		
1383	R22	24	32	22	1980n	990e	Charles B. Read, Bradley #2	Ref elev rev from log
1384	G22	24	32	22	1980n	660w	Tenneco Oil Co., U.S. Smelting U.S.A. #2	
1385	S22	24	32	22	1980s	660e	Tenneco Oil Co., U.S. Smelting U.S.A. Well #3	
1386	U22	24	32	22	2310n	1650e	Tenneco Oil Co., U.S Smelting USA #4	
1387	T22	24	32	22	660n	1980e	Tennessee Gas Transmission Co., US Smelting USA #1	
1388	N22	24	32	22	990s	330e	Tenneco Oil Co., U.S. Smelting, USA No. 5	
1389	E23	24	32	23	1980n	660w	Curtis Hankamer, Ernest Fed. #1	
1390	B23	24	32	23	660n	660e	Charles B. Read, Bradley #3	
1391	W27	24	32	27	660n	1980e	Ralph E. Williamson, Wright Fed. No. 1	
1392	P30	24	32	30	1980n	1980e	Union Oil of California, Paduca Fed. #1	
1393	D33	24	32	33	660s	660e	Texaco Inc., Cotton Draw Unit Well #72	
1394	C34	24	32	34	1980s	1980w	Texaco, Inc., Cotton Draw Unit #69	
1395	R35	24	32	35	660s	660w	Sid W. Richardson, Inc., Fed. Delbasin #1	
1396	B01	24	33	1	660n	660e	Continental Oil Co., Bell Lake Unit #7	
1397	H06	24	33	6	1980s	660w	Hondo Drilling Co., Gulf N.W. #2	
1398	G06	24	33	6	660s	660w	Hondo Drilling Co., Gulf St. "NW" #1	
1399	I07	24	33	7	1980n	660w	Tom L. Ingram, St. "O" #2	
1400	O07	24	33	7	660n	660w	Tom L. Ingram, St. "O" #1	
1401	T07	24	33	7	330n	1750w	Tom L. Ingram, St. "P" #1	
1402	R07	24	33	7	660s	660e	George W. Riley Inc., St. #1-7	
1403	F07	24	33	7	2310n	2310w	David Fasken, Gulf St. #7-2	
1404	S08	24	33	8	660n	660w	Sunray Mid-Continent Oil Co., N.M. St. A.G. 1	
1405	B13	24	33	13	1980n	660e	Byard Bennett, Holland #1	
1406	T17	24	33	17	660s	660w	Tenneco Oil Co., St. Lowe #1	
1407	H17	24	33	17	660n	1980e	Robert B. Holt, Holly-St. #1	
1408	C20	24	33	20	660s	1980w	Continental Oil Co., St. "BB" 20 No. 1	
1409	J22	24	33	22	1980n	660w	F.R. Jackson, St. #1	
1410	T27	24	33	27	1980s	1980w	Tenneco Oil Co., Sunray St. #1	
1411	T29	24	33	29	660s	1980e	Tidewater Oil Co., St. "AP" #1	
1412	C30	24	33	30	330n	330w	Kirklin Drilling Co., Inc., Continental St. #1	
1413	G31	24	33	31	1980s	660e	Albert Gackle Operator, Continental St. #1	
1414	K36	24	33	36	660n	660e	Gulf Oil Corp. & Kirklin Drilling, #1 Lea St. "GX"	
1415	H01	24	34	1	1980n	1980e	Hanagan Petroleum Corp., #1 Gerdlag	
1416	D04	24	34	4	660n	1650e	Shell Oil Co., Fed. "BE" #1	
1417	C05	24	34	5	1650n	1650w	Continental Oil Co., Bell Lake Unit #14	

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ID No.	Hole ID	Location Data			Location Data		Drillhole Name	Revisions
		T.	R.	Sec	fn,sl	fe,wl		
1418	B06	24	34	6	660n	3300e	Continental Oil Co., Bell Lake Unit No. 3	
1419	S09	24	34	9	660n	1980e	Shell Oil Co., Hall Fed. #1	
1420	W05	24	35	5	1980n	1980w	Gulf Oil Co. - U.S., Wilson Fed. Com. #1	
1421	A16	24	35	16	1650n	1980e	Texas International Pet. Corp., Aztec St. No. 1	
1422	F05	24	37	5	1966n	1980e	Texaco Inc., E.D. Fanning No. 7	
1423	H30	24	38	30	535n	2310w	Ralph Lowe, Hair #2	
1424	E28	25	28	28	1980n	1980w	Gulf Oil Corp., Eddy St. FD #1	
1425	B03	25	29	3	660n	660e	J. Glen Bennett, Superior Fed. #1-3	
1426	B08	25	29	8	980n	660w	J. Glen Bennett, Superior #1-8	
1427	W08	25	29	8	660s	660e	Neil H. Wills, Superior Fed. #1	
1428	M14	25	29	14	1980s	1980w	Mobil Oil Corp., Corral Draw Unit #1	
1429	B15	25	29	15	660s	660w	J. Glen Bennett, Superior Fed. 15 No.1	
1430	W22	25	29	22	1580s	1980w	Mobil Oil Corp., Corral Draw Unit #2	
1431	B26	25	29	26	660s	660e	J. Glen Bennett, No. 1-26 Superior Fed.	Ref elev rev from log
1432	B27	25	29	27	660s	660w	J. Glen Bennett, Superior Fed. 1-27	
1433	B29	25	29	29	660n	1880w	Bell Petroleum Co., Fed. #1	
1434	B30	25	29	30	660s	760e	Bell Petroleum Co., Cities Service Fed. #1	
1435	P03	25	30	3	1980s	990e	Bass Enterprises Prod. Co., Poker Lake Unit #47	
1436	P04	25	30	4	1980n	1980w	Pat Oil Corp., R & B Fed. #1	
1437	J04	25	30	4	660s	660w	J.M.C. Ritchie & Chambers & Kennedy, #1 Hopp Fed.	
1438	R08	25	30	8	1980n	660e	Fred Pool Drilling Co., Superior St. #1	Grnd el from topo; ref is +9ft
1439	K08	25	30	8	663s	667w	Ralph Lowe, Poker Lake St. #1	Ref el from log; topo differs
1440	L08	25	30	8	660s	660w	Ralph Lowe, Poker Lake St. #1; ? DUP 1439	Ref el rev from geoph log
1441	T08	25	30	8	660n	660w	Ralph Lowe, T&P St. #1	
1442	S08	25	30	8	1980s	1980w	Ralph Lowe, Superior St. #1	
1443	P08	25	30	8	1980s	660w	Ralph Lowe, Poker Lake St. #3	Ref el from topo; KB not given
1444	A10	25	30	10	660s	645w	Alamo Corp., Poker Lake Unit #5X-1A	
1445	P10	25	30	10	2030n	2180e	Bass Enterprises, Poker Lake #44	
1446	X17	25	30	17	610n	610w	Ralph Lowe, #1-X R&B Fed. "A"	
1447	A17	25	30	17	660s	660w	Alamo Corp., Poker Lake Unit #11A-7	
1448	J17	25	30	17	1980n	660w	J. Ray Stewart, Poker Lake #61	
1449	P17	25	30	17	330n	1650w	Jubilee Energy Corp., Poker Lake Unit 64	
1450	L17	25	30	17	1980s	330w	J. Ray Stewart, 66 Poker Lake Unit	
1451	B18	25	30	18	660n	1980e	Perry R. Bass, Jennings-Fed. No. 1	
1452	M18	25	30	18	660n	660e	Ralph Lowe, R&B Fed. #1	





ID No.	Hole ID	Location Data*					Drillhole Name	Revisions
		T.	R.	Sec	fn,sl	fe,wl		
1453	A18	25	30	18	660s	1980e	Alamo Corp., Poker Lake #12A-9	
1454	P19	25	30	19	330n	900e	Central St.s Oil Co., Poker Lake Unit No. 38	
1455	L19	25	30	19	660n	660e	J.R. Stewart, Poker-Lake Unit No. 65	
1456	C20	25	30	20	1980s	660w	Perry R. Bass, Continental-Fed. #2	
1457	F20	25	30	20	660n	660w	Perry R. Bass, Continental Fed. #1	
1458	A21	25	30	21	660n	660e	Alamo Corp., Poker Lake Unit #6-2A	
1459	P25	25	30	25	660s	660w	Bass Enterprises Prod. Co., Poker Lake Unit No. 56	
1460	D02	25	31	2	1980n	1980e	Texaco Inc., Cotton Draw Unit No. 65	
1461	A28	25	31	28	660n	660w	Alamo Corp., Poker Lake Unit 7-A-3	
1462	C32	25	31	32	660n	660w	J.A. Leonard, Continental St. No. 1	
1463	S35	25	31	35	660s	660w	Gold Metals & Santana Pet. Corp., #1 Del Basin Fed	
1464	C03	25	32	3	1650s	1980e	Texaco, Inc., Cotton Draw Unit No. 49	
1465	R09	25	32	9	330s	330e	Texaco Inc., E.F. Ray NCT-2 No. 1	Grnd el 3451 from topo map
1466	D09	25	32	9	1650s	330e	Texaco Inc., Cotton Draw Unit No. 52	
1467	T10	25	32	10	660n	660w	Tennessee Gas & Oil Co., Ray U.S.A. #1	
1468	C10	25	32	10	1980n	660w	Texaco Inc., Cotton Draw Unit No. 39	
1469	D10	25	32	10	660n	1980w	Texaco Inc., Cotton Draw Unit No. 40	
1470	Q10	25	32	10	2080n	760w	Texaco Inc., Cotton Draw Unit #66	
1471	Y10	25	32	10	660n	660w	Texaco Inc., Cotton Draw Unit No. 63; may dup 1467	
1472	M10	25	32	10	2145n	2310e	Texaco Inc., Cotton Draw Unit No. 60	
1473	R10	25	32	10	1980n	1980w	Texaco Inc., E.F. Ray Fed. "B" No. 2	Grnd el 3454 from topo, no KB
1474	V10	25	32	10	660s	1980e	Texaco Inc., E.F. Ray-Fed. "B" Well #1	Grnd el 3449 from topo map
1475	S10	25	32	10	660s	1980w	Texaco Inc., E.F. Ray Fed. No. 1	Grnd el 3445 from topo map
1476	F10	25	32	10	1980s	1980w	Texaco Inc., E.F. Ray-Fed. (NCT-1) No.2	Grnd el 3448 from topo map
1477	E10	25	32	10	1650s	660w	Tenneco Oil Co., Emily Flint Ray U.S.A. #41	
1478	C11	25	32	11	660s	1980e	WeSt.s Petroleum Corp. of Texas, Cont. Fed. #1	Loc rev from SW1/4, SE1/4
1479	P13	25	32	13	660s	1980w	Patoil Co., Union Fed. #1	
1480	F14	25	32	14	660s	660e	Joseph O'Neill Jr., Fed. "O" #1	
1481	O14	25	32	14	1980s	660e	Joseph O'Neill, Fed. "O" #2	
1482	H14	25	32	14	2310n	330w	Hill & Meeker, Ora Hall-Fed. 14 #1	
1483	U15	25	32	15	660s	660w	Tennessee Gas Transmission, #1 USA G.E. Jordan	
1484	F15	25	32	15	1980n	660w	Texaco Inc., G.E. Jordan Fed. (NCT-2) Well No.1	Grnd el 3441 from topo, +KB
1485	J15	25	32	15	1980s	1980w	Texaco Inc., G.E. Jordan Fed. (NCT-1)#2	Grnd el 3428 from topo, +KB
1486	R15	25	32	15	660n	1980w	Tennessee Gas & Oil Co., G.E. Jordan #3	

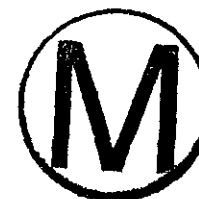


A-16

ID No.	Hole ID	Location Data			Location Data		Drillhole Name	Revisions
		T.	R.	Sec	fn,sl	fe,wl		
1487	E15	25	32	15	660n	1980e	Texaco Inc., G.E. Jordan Fed. (NCT-1) No. 8	Grnd el 3443 from topo, +KB
1488	G15	25	32	15	660n	660w	Texaco Inc., G.E. Jordan-Fed. (NCT-2) No. 2	Grnd el 3443 from topo, +KB
1489	N15	25	32	15	1980s	660w	Tennessee Gas & Oil Co., G.E. Jordan USA #4	
1490	T15	25	32	15	1980n	1980e	Texaco Inc., G.E. Jordan Fed. (NCT-1) #6	
1491	M15	25	32	15	1980n	1980w	Tennessee Gas Transmission Co., G.E. Jordan USA #2	
1492	W15	25	32	15	2130s	2130e	Texaco Inc., Cotton Draw Unit No. 46	Grnd el 3431 from topo; +KB
1493	N16	25	32	16	660s	1980w	Tennessee Gas & Oil Co., St. Monsanto #4	
1494	B16	25	32	16	1980n	660e	Tennessee Gas Trans. Co., St. E.L. Bradley #1	
1495	P16	25	32	16	1650s	2310w	Tenneco Oil Co., St. Monsanto #6	
1496	M16	25	32	16	1980s	660e	Tennessee Gas Transmission Co., St. Monsanto #1	
1497	L16	25	32	16	1650s	1650e	Tenneco Oil Co., St. Monsanto #5	
1498	S16	25	32	16	1660s	990w	Tenneco Oil Co., Monsanto St. #8	
1499	F16	25	32	16	660n	660e	Tennessee Gas & Oil Co., St. Bradley #2	
1500	C16	25	32	16	330s	990w	Tenneco Oil Co., St. Monsanto #7	
1501	T16	25	32	16	2310n	2310w	Tenneco Oil Co., St. E.L. Bradley #3	
1502	Z16	25	32	16	1980n	1980e	Continental Oil Co., St. Z 16 #1	
1503	A16	25	32	16	660s	1980e	Tennessee Gas & Oil Co., St. Monsanto #3	
1504	E16	25	32	16	660s	660e	Tennessee Gas & Oil Co., Monsanto #2	
1505	X16	25	32	16	2080n	1650e	Shoreline Exploration Comp., Continental St. #1	Ref el rev from log
1506	D18	25	32	18	660n	1650w	Texaco Inc., Cotton Draw Unit #64	
1507	S18	25	32	18	660n	1980e	The Texas Co., Jack B. Shaw Fed. #1	
1508	C20	25	32	20	1650s	330e	Texaco Inc. (formerly PRBass), Cotton Draw Unit #42	
1509	D21	25	32	21	990s	990e	Texaco Inc., Cotton Draw Unit #57	Grnd el 3392 from topo, +KB
1510	M21	25	32	21	660s	660w	Panther City Investment Co., Perry Fed. #37	
1511	J21	25	32	21	1980s	660w	Panther City Investment Co., Perry Fed. #35	
1512	Y21	25	32	21	1980n	1980w	Panther City Investment, Inc., Perry Fed. No.6	Grnd el 3400 from log, no KB
1513	K21	25	32	21	660n	1980w	Panther City Invest. Inc., Perry Fed. No. 7	
1514	I21	25	32	21	2310s	990e	Panther City Investment Co., Perry Fed. #27	
1515	B21	25	32	21	1980s	1980e	Panther City Investment Co., Perry Fed. #28	
1516	E21	25	32	21	1980n	1980e	Tennessee Gas & Oil Co., #3 E.H. Perry-U.S.A.	
1517	N21	25	32	21	660s	1980w	Panther City Investment Co., Perry Fed. #38	
1518	V21	25	32	21	330s	330e	Perry R. Bass, Perry Fed. #43	
1519	C21	25	32	21	990s	2310e	Texaco Inc. (formerly Panther), Cotton Draw Unit 44	
1520	H21	25	32	21	1980n	660w	Tenneco Oil Co., E.H. Perry "USA" Well No. 36	
1521	P21	25	32	21	660n	660w	Tennessee Gas & Oil Co., E.H. Perry U.S.A. 2	



ID No.	Hole ID	Location Data				Location Data		Drillhole Name	Revisions
		T.	R.	Sec	fn,sl	fe,wl			
1522	R21	25	32	21	1980n	660e	Panther City Investment Co., Perry Fed. #2		
1523	T21	25	32	21	660n	1980e	Tennessee Gas Transmission Co., E.H. Perry USA #1		
1524	F21	25	32	21	660n	660e	Panther City Investment Co., Perry Fed. #1		
1525	G21	25	32	21	1980s	1980w	Panther City Investment Co., Perry Fed. #5	Ref elev rev from log	
1526	J22	25	32	22	1980n	660w	Texaco Inc., G.E. Jordan Fed. #3	Grnd el 3409 from topo, +KB	
1527	E22	25	32	22	660n	660w	Texaco Inc., G.E. Jordan Fed. No. 1		
1528	C22	25	32	22	2310s	330w	Texaco Inc., Cotton Draw Unit No. 48		
1529	T22	25	32	22	510n	1830w	Texaco Inc., G.E. Jordan Fed. NCT-1 #5		
1530	D22	25	32	22	1650n	1650w	Texaco, C.D. Unit No. 18	was T22 in T25S, R33E; misloc	
1531	O23	25	32	23	660n	1980e	Joseph L. O'Neill, Fed. "P" #1		
1532	G25	25	32	25	660s	1980w	Texaco Inc., G.E. Jordan Fed. No. 4		
1533	C27	25	32	27	330n	330w	Texaco Inc., Cotton Draw Unit No. 61		
1534	U28	25	32	28	660n	1980w	Texaco Inc., Cotton Draw Unit No. 47		
1535	N28	25	32	28	660n	990e	Texaco Inc., Cotton Draw Unit No. 56		
1536	J28	25	32	28	2310s	1650w	Tenneco Oil Co., J.D. Sena U.S.A. No. 1		
1537	X28	25	32	28	660n	2310e	Texaco Inc., Cotton Draw Unit No. 51		
1538	W28	25	32	28	1980n	2310e	Texaco Inc., Cotton Draw Unit No. 54		
1539	C28	25	32	28	660n	660w	Texaco Inc., Cotton Draw Unit No. 45		
1540	Z28	25	32	28	1650n	990e	Texaco Inc., Cotton Draw Unit No. 59		
1541	V28	25	32	28	1980n	1980w	Texaco Inc., Cotton Draw Unit No. 50		
1542	D28	25	32	28	2310s	990w	Tenneco Oil Co., J.D. Sena Jr. U.S.A. No. 2		
1543	T29	25	32	29	1980n	330e	Texaco Inc., Cotton Draw Unit No. 58		
1544	C29	25	32	29	990s	330e	I.W. Lovelady, Conoco Fed. #1-29		
1545	S31	25	32	31	1980n	660w	Ray Smith, Ray Smith #1		
1546	C32	25	32	32	1980n	1980w	R.C. Graham, Conoco St. No. 1		
1547	W33	25	32	33	1980s	560e	WeSt.s Petroleum Corp. of Texas, Jennings #1	Ref el rev from log	
1548	H33	25	32	33	660s	660w	Hill & Meeker, Hall-Fed. 1-33		
1549	M33	25	32	33	2310n	2310w	Hill & Meeker, Jennings-Fed. 1-33	DF 3354 log; grnd el 3346 topo	
1550	J01	25	33	1	660n	660w	Perry R. Bass, Fed.-Muse #1		
1551	H05	25	33	5	660n	660e	Hill & Meeker, Bass Fed. #1		
1552	S08	25	33	8	1980s	660e	Santana Petroleum Corp., Annie Bass Fed. #1		
1553	H11	25	33	11	660n	660w	Curtis Hankamer, Muse Fed. #1		
1554	J18	25	33	18	660n	660w	Sam H. Jolliffe Jr., #1 Bass Fed.		
1555	H20	25	33	20	660n	1980e	Curtis Hankamer, Fed. Bass #1		
1556	B21	25	33	21	660n	660e	George L. Buckles Co., Fed. Marshall No. 1		

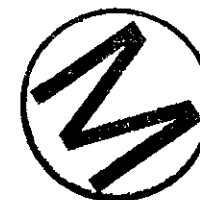


ID No.	Hole ID	Location Data *				Drillhole Name		Revisions
		T.	R.	Sec	fn,sl	fe,wl	Drillhole Name	
1557	A21	25	33	21	660s	660e	American Quasar Petroleum Co., Vaca Draw #1	
1558	M23	25	33	23	660s	660w	Hill & Meeker, Muse-Fed. 23 #1	
1559	F24	25	33	24	660s	660w	R.B. Farris, Perry Fed. 1	
1560	K25	25	33	25	1980s	660w	King Resources, Pan American Fed. No. 1	
1561	A25	25	33	25	660s	660e	Ashmun & Hilliard, Fed. No. 1-25	
1562	D27	25	33	27	660s	660e	Robert A. Dean, Harry Dickson #1	
1563	T28	25	33	28	660s	660e	Tidewater Oil Co., Annie R. Bass Fed. #1	
1564	C28	25	33	28	660n	660e	Curtis Hankamer, Conley Fed. #1	
1565	T29	25	33	29	1980n	660w	Tenneco Oil Co., W.H. Jennings Inc USA No. 1	
1566	T31	25	33	31	660s	660w	Tenn. Gas Transmission Co, Richardson & Bass USA#1	
1567	D32	25	33	32	330s	2310e	Pure Oil Co., Red Hills Unit #1	
1568	W32	25	33	32	1980s	660e	Neil H. Wills, Continental St. No. 1	
1569	W36	25	33	36	660s	660w	Max M. Wilson, Marathon-St. #1	
1570	A36	25	33	36	660n	660w	Ashmun Hilliard Oil Co., St. #1-36	
1571	F19	25	34	19	660n	1980w	Ashmun & Hilliard, Fed. 2-19	
1572	C27	25	34	27	1980n	660e	Tenneco Oil Co., Conoco Fed. #1	
1573	S02	25	37	2	2310s	1650e	Continental Oil Co., St. A-2 #2	log not recovered
1574	L03	25	37	3	330s	990w	George L. Buckles Co., Liberty Royalty No. 4	log not recovered
1575	J14	25	37	14	560n	330e	Johnson & French, Fed. "A" #1	log not recovered
1576	L14	25	37	14	1650s	1650e	Atlantic Refining Co., Langlie Fed. #2	
1577	W24	25	37	24	1980n	990w	Western Natural Gas, Wimberly #4	log not recovered
1578	H11	26	29	11	660s	660e	Curtis Hankamer, Hanson "A" #1	
1579	H12	26	29	12	458s	744w	Curtis Hankamer, Hansen Fed. #2	
1580	G13	26	29	13	660s	660w	Curtis Hankamer, Gulf Fed. #4-B	
1581	F13	26	29	13	660s	1980w	Curtis Hankamer, Gulf-Fed. No.1	
1582	C13	26	29	13	1980s	660w	Curtis Hankamer, Gulf Fed. 5-B	
1583	D13	26	29	13	1980s	1980w	S.P. Dillon, Gulf Fed. #1	
1584	G14	26	29	14	1980s	660e	Curtis Hankamer, Gulf Fed. Beady #3	
1585	F14	26	29	14	1980n	660e	Gulf Oil Corp., Fed. Boothe "E" #2	
1586	M22	26	29	22	2310s	330e	Challenger Energy Inc., Mobil "22" Fed. #2	
1587	F23	26	29	23	660s	660w	Gulf Oil Corp., Fed. Boothe E #1	
1588	G24	26	29	24	660n	660w	Curtis Hankamer, Gulf-Beaty No. 1	
1589	A27	26	29	27	2310n	330e	Worth Petroleum Co., Amoco Fed. #4	
1590	F34	26	29	34			Gulf Oil Corp., Fed. Littlefield "BO" #1	
1591	S02	26	30	2	660s	660w	Ford Chapman Associates, Sinclair St. No. 1-2	



ID No.	Hole ID	Location Data *				Drillhole Name	Revisions
		T.	R.	Sec	fn,sl fe,wi		
1592	S03	26	30	3	660s 660w	Charles B. Read, Scott Fed. #1	
1593	K04	26	30	4	660n 660w	Aztec Oil Co., Fed. K.W. No. 1 [also Late Oil Co.]	Ref el 3179, 3180 from log
1594	B06	26	30	6	660s 660w	J. Glen Bennett, No. 1 Brunson Fed.	
1595	F06	26	30	6	660n 660w	T.W. Loffland, Brunson Fed. #2	
1596	M12	26	30	12	660s 660e	Monterey Oil Co., Monterey Blaydes #1	
1597	F18	26	30	18	660s 660w	Curtis Hankamer, #1 AT Fed.	
1598	M18	26	30	18	330s 330w	Curtis Hankamer, McKenna Fed. #2	
1599	R28	26	30	28	1980s 660e	Penroc Oil Corp., Ross Draw Unit #6	
1600	B09	26	31	9	660s 660w	George L. Buckles, Buckles Fed. No. 1	
1601	F15	26	31	15	660s 660w	George L. Buckles Co., Fed. No. 1-15	
1602	P17	26	31	17	1980s 660e	Union Oil Co of Cal, Phantom Banks Unit Fed. 17 #1	
1603	P20	26	31	20	800s 1000w	Texas Pacific Oil Co., Phantom Draw Unit-Fed. #1	
1604	M20	26	31	20	660s 660w	Max Wilson, Hanson Fed. No. 1	
1605	C05	26	32	5	660n 1980w	Fred Pool Drilling Co., Conoco Bradley #1	
1606	B15	26	32	15	1980s 660e	Brown & Krug Co., Ben Fed. #1	Loc rev from NE1/4, SE1/4
1607	R19	26	32	19	660s 1980w	Continental Oil Co., Russell Fed. 19 No. 4	
1608	J25	26	32	25	990n 990w	Continental Oil Co., Wilder #23	
1609	G25	26	32	25	1980s 660e	Continental Oil Co., Wilder #13	
1610	F25	26	32	25	660s 660e	Continental Oil Co., Wilder #12	
1611	E25	26	32	25	1980n 660e	Continental Oil Co., Wilder #10	
1612	B25	26	32	25	1980s 1980e	Continental Oil Co., W.W. Wilder No. 7	
1613	I25	26	32	25	660n 1980w	Continental Oil Co., Wilder #15	Ref el rev from log
1614	H25	26	32	25	1980n 660w	Continental Oil Co., Wilder #14	
1615	A25	26	32	25	1980n 1980w	Continental Oil Co., Wilder #6	Grnd el 3122 from topo, +KB
1616	D25	26	32	25	660n 1980e	Continental Oil Co., W.W. Wilder Fed. #9	
1617	C25	26	32	25	1980n 1980e	Continental Oil Co., W.W. Wilder #8	
1618	K25	26	32	25	330s 330w	Continental Oil Co., Wilder 25 Fed. No. 1	
1619	L17	26	33	17	660s 660w	Gulf Oil Corp., Fed. Littlefield DP Optional #1	
1620	P30	26	33	30	1980s 660w	Continental Oil Co., Payne #3	
1621	Y03	26	34	3	660n 1980w	Gulf Oil Co., Gulf Yates Fed. #1	
1622	B19	26	34	19	1980s 1980e	Continental Oil Co., Bradley 19 #2	
1623	L20	26	34	20	660n 660e	Max Wilson, Leonard Fed. No. 1	
1624	S05	26	36	5	660s 660w	Cities Service Oil Co., Sand Hills Unit #9-A	
1625	J04	26	37	4	990s 990w	Jal Oil Co. Inc., Farnsworth #6	

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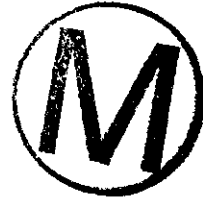


ID No.	Hole ID	Location Data *			Location Data *		Drillhole Name	Revisions
		T.	R.	Sec	fn,sl	fe,wl		
1626	L11	26	37	11	660s	660e	Stanolind Oil & Gas Co., U.S.A. Leonard Oil Co. #1	
1627	F07	26	38	7	1980s	660w	Forest Oil Corp., Fed. Lowe #1	
1628	S15	21	33	15	1980s	1980e	Getty Oil Co. Stock Unit #1	data entered from geophysical log
1629	S32	21	33	32	1980s	1980w	Amoco Production Co. St. "LT" #1	data entered from geophysical log
1630	H28	22	31	28	89n	175e	Department of Energy WIPP No. H-15	data from SAND89-0202
1631	R05	22	33	5	660s	330e	Dual Production Co. Richardson-Bass St. No. 1	data from geophysical log
1632	G15	22	33	15	1980s	1980e	Getty Oil Co. Getty Fed. "15" No. 1	data from geophysical log
1633	C20	22	33	20	1980n	660w	Davis and Collins Conoco Fed. #1	data from geophysical log
1634	E11	24	29	11	1980n	660e	Exxon Co., USA Exxon Pouche Fed. No. 1	data from geophysical log
1635	H04	24	33	4	1980n	1650w	Getty Oil Co. HNG St. 4-F #1	data from geophysical log
1636	G28	24	33	28	1980s	1680e	Getty Oil Co. Getty 28 St. No. 1	data from geophysical log
1637	S31	25	29	31	1980s	660e	Duncan Drilling Co. Slater "A" #1	data from geophysical log
1638	P05	25	31	5	660n	660w	Pauley Petroleum Poker Lake #46	data from geophysical log
1639	S32	22	33	32	660s	660w	Helbing & Podpechan Shell St. #1-B	data from geophysical log
1640	B14	26	29	14	660n	660w	Ford Chapman Booth Fed. #1	data from geophysical log
1641	Y20	22	31	20	1113s	1241e	H-16	data from SAND89-0203
1642	Z03	23	31	3	1466s	993w	H-17	data from SAND89-0204
1643	Z20	22	31	20	964n	446w	H-18	data from SAND89-0204

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- \* All townships (T) are south and all ranges (R) east of the New Mexico Base Line. Distances from the section lines are in feet and are followed by a letter designation., This letter (n,s,e,w) and number designate the feet from the north, south, east, or west section line, respectively. Other tables of drillhole data are keyed to this location table by the identification number.
- \*\* Names of drillholes have been shortened with some consistent abbreviations.
- \*\*\* A few likely duplications in the original Holt and Powers (1988) data set are noted here.





## **APPENDIX A-2**

### **TABLE OF DEPTHS TO SELECTED MARKER BEDS OF THE SALADO FORMATION**

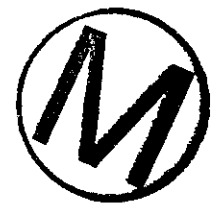
## Table of Depths to Selected Marker Beds of the Salado Formation

Borehole ID no.	Reference Elevation	KB (ft)	Top Sal	Depths (ft) to Marker Beds										
				Top 103	Base 103	Top 109	Base 109	Top VT	Base VT	Top Un'n	Base Un'n	Top 123	Base 124	
1001		3	278											
1002	3568	10												
1003	3510	0	316											
1004	3618	1	736											
1005	3466	10	624											
1006	3554	10	587											
1007	3510	9	557											
1008	3766	9	1017											
1009	3733	9	990											
1010	3651	7	840											
1011	3648	18												
1012	3624	10	790											
1013	3631	10	775											
1014	3551	10	785											
1015	3568	3	735											
1016	3566	3	810											
1017	3580	5	830											
1018	3571	0	840											
1019		3	828											
1020	3885	10	1394											
1021	3783	0	1350											
1022	3751	0	1274											
1023	3382	10	1300											
1024	4027	13	1828											
1025	4104	10	1988											
1026	3952	10	1880											
1027	3800	0	1663											
1028	3779	21	1546											
1029	4011	12	1677											
1030	4098	8	1843											
1031		12	2026											
1032	4023	11	2075											
1033	4000	13	2050											
1034	3957	17	1983											
1035	3920	14	1968											
1036	3961	14	1810											
1037	3962	11	1765											
1038	3968	13	1744											
1039	3958	14	1814											
1040	3991	12	1678											
1041	3980	0	1720											
1042	3948	13	2112											
1043	3789	0	2038											
1044	3822	11	2137											





Borehole ID no.	Reference Elevation	KB (ft)	Depths (ft) to Marker Beds											
			Top Sal	Top 103	Base 103	Top 109	Base 109	Top VT	Base VT	Top Un'n	Base Un'n	Top 123	Base 124	
1045	3816	0	2030											
1046	3783	0	1997											
1047	3698	0	1810											
1048	3750	13												
1049	3660	0	2168											
1050	3664	0	1653											
1051	3399	9	305											
1052		0	218											
1053		0	245											
1054	3402	10	388											
1055	3529	0	740											
1056	3577	21	978											
1057	3559	21	898											
1058	3526	8	746											
1059	3576	16	1172											
1060	3974	10	2150											
1061	3815	13	2080											
1062	3723	0	2045											
1063	3743	0	2052											
1064	3703	12	2080											
1065		0	1680											
1066	3759	11	1704											
1067	3744	11	2038											
1068	3702	0	1446											
1069	3580	0	1397											
1070		0	520											
1071	3325	18												
1072	3505	19	713	874	887	993	1006	1147	1153			1420	1433	
1073	3523	16												
1074	3448	16	1170											
1075	3550	16	1495	1650	1660	1770	1794	1937	1943			2184	2200	
1076	3510	15	1236	1376	1387	1487	1509	1650	1657			1876	1903	
1077	3565	15	1524	1660	1670	1770	1793	1952	1962	2051	2053	2129	2148	
1078	3586	7	1756	1907	1918	2022	2046	2230	2244			2408	2422	
1079	3524	0	1470											
1080	3509	0	1450											
1081	3642	19	1887	2044	2057	2163	2186	2335	2344			2538	2554	
1082	3677	21	2110											
1083	3708	7	1957	2104	2117	2222	2246	2382	2391	2542	2545	2594	2608	
1084	3720	10	1949											
1085	3701	0	2315											
1086	3603	0	1218											
1087	3662	0	2330											
1088	3604	0	1671											
1089	3542	0	1635											
1090	3412	20	495											
1091	3471	18	500											



Borehole ID no.	Reference Elevation	KB (ft)	Top Sai	Depths (ft) to Marker Beds										
				Top 103	Base 103	Top 109	Base 109	Top VT	Base VT	Top Un'n	Base Un'n	Top 123	Base 124	
1092	3472	13	550											
1093	3468	13	740											
1094	3487	17	1145											
1095	3432	18	680											
1096	3309	16	450											
1097	3458	18	655											
1098	3444	18	505											
1099	3177	0	421											
1100	3250	23	502											
1101	3218	22	485	492	508	612	618	785	798	970	975	1040	1063	
1102	3347	0												
1103	3428	0	748											
1104	3540	0	811	970	984	1091	1114	1277	1287	1445	1454	1518	1538	
1105	3748	14	1890											
1106	3792	18	1945	2104	2116	2216	2235	2390	2400	2555	2562	2610	2628	
1107	3793	22	1988											
1108	3740	21	1950											
1109	3668	15	1765											
1110	3652	18	1580	1735	1748	1855	1879	2043	2051	2214	2219	2269	2287	
1111	3800	17	1885											
1112	3862	10	2005											
1113	3861	22	1947											
1114	3834	21	1972	2139	2150	2258	2274	2440	2448	2608	2618	2660	2673	
1115	3679	21	1455	1630	1645			1953	1963	2198	2202	2240	2258	
1116	3798	13	1781	1958	1970	2092	2112	2282	2297	2470	2478	2544	2560	
1117	3504	0												
1118	3662	8	982	1162	1178	1297	1318	1500	1508	1691	1700	1770	1787	
1119	3780	23	1090	1272	1280	1394	1417	1584	1597	1763	1767	1835	1853	
1120	3802	4	2180					2922	2930	3075	3088	3128	3150	
1121	3564	0	1758											
1122	3638	17	2095											
1123	3603	11	2200	2359	2374	2483	2500							
1124		0												
1125		0												
1126	3594	5	1670											
1127	3550	0	1660											
1128	3593	10	1670											
1129	3568	0	1720											
1130	3545	10	1720											
1131	3635	0	1900											
1132	3581	0	1817											
1133	3580	3	1817											
1134		0	1377											
1135		0	1368											
1136	3304	12	495											
1137	3023	0	166											
1138	2977	0	130											
1139	3357	20	625											



Borehole ID no.	Reference Elevation	KB (ft)	Depths (ft) to Marker Beds										
			Top Sal	Top 103	Base 103	Top 109	Base 109	Top VT	Base VT	Top Un'n	Base Un'n	Top 123	Base 124
1140	3193	18	520	562	573	686	710	880	887	1056	1064	1130	1152
1141	3221	23	600			760	786	950	960	1130	1140	1205	1227
1142	3323	0	677										
1143	3214	1	565										
1144	3358	0	686	824	840	946	970	1133	1140	1315	1327	1393	1419
1145	3376	0	747	908	924	1034	1061	1226	1234	1405	1416	1484	1507
1146	3309	23	535										
1147	3152	0	306										
1148		0	708										
1149	3418	0	962										
1150	3439	13	964	1125	1139	1252	1273	1429	1434	1597	1606	1670	1688
1151	3433	0	973										
1152	3429	0	952										
1153	3541	9	990	1158	1170	1278	1302	1468	1475	1648	1658	1723	1743
1154	3553	0	1100	1276	1291	1405	1425	1602	1608	1784	1792	1862	1887
1155	3508	0	1041										
1156	3510	0	1040	1211	1225	1333	1359	1527	1533	1706	1715	1780	1805
1157	3496	21											
1158	3405	0	845	1031	1042	1161	1183	1359	1372	1543	1551	1622	1645
1159	3484	12	966										
1160	3472	0	946	1108	1120	1234	1260	1428	1434	1598	1610	1678	1702
1161	3345	0	720	884	898	1012	1039	1200	1211	1377	1384	1449	1474
1162	3349	0											
1163	3382	0	783	960	978	1088	1118	1287	1298	1473	1484	1556	1580
1164	3457	0	928										
1165	3426	0	885	1050	1063	1172	1196	1363	1378				
1166	3417	0	867										
1167	3433	0	894										
1168	3420	12	860	1040	1050	1165	1188	1365	1367	1549	1557	1630	1653
1169	3506	0	1058	1229	1244	1354	1378	1550	1556	1730	1740	1809	1832
1170	3546	0	1116	1296	1310	1422	1446	1620	1630	1808	1822	1892	1916
1171	3596	8	1190	1376	1387	1504	1526	1700	1717	1895	1910	1979	1998
1172	3479	0	1084	1258	1276	1400	1422	1601	1619	1789	1806	1866	1888
1173	3508	0	1084	1262	1276	1394	1416	1594	1602	1780	1797	1864	1886
1174	3441	0	928	1108	1124	1240	1268	1446	1456	1644	1660	1728	1752
1175	3473	8	977	1152	1163	1286	1310	1484	1490	1682	1695	1764	1785
1176	3478	0	1008	1188	1204	1312	1336	1506	1514	1694	1706	1774	1796
1177	3398	0	7										
1178	3346	0											
1179	3377	0											
1180	3395	6	826										
1181	3345	0	676	861	874	986	1011	1190	1193	1379	1391	1460	1483
1182	3354	0	656	840	857	965	989	1162	1166	1354	1363	1432	1460
1183	3310	0	542	729	743	860	883	1058	1062	1248	1261	1323	1352
1184	3413	0											
1185	3409	0	880	1062	1077	1200	1226	1400	1410	1591	1610	1668	1693
1186	3644	10	1275	1447	1461	1584	1604	1762	1777	1938	1954	2012	2030
1187	3731	11	1290	1470	1482	1607	1630	1823	1840	2033	2048	2118	2140



Borehole ID no.	Reference Elevation	KB (ft)	Depths (ft) to Marker Beds											
			Top Sal	Top 103	Base 103	Top 109	Base 109	Top VT	Base VT	Top Un'n	Base Un'n	Top 123	Base 124	
1188	3701	20	1200											
1189	3696	15	1230	1409	1421	1540	1562	1735	1750	1920	1932	2008	2031	
1190	3620	9	1245	1429	1440	1562	1583	1758	1768	1940	1957	2022	2041	
1191	3640	19	1240											
1192	3687	12	1265	1448	1462	1587	1609	1786	1795	1973	1989	2046	2067	
1193	3789	25	1462											
1194	3756	0	1608											
1195	3640	13	2160	2326	2337	2444	2463	2600	2609	2770	2786	2828	2839	
1196	3537	0	2092											
1197	3573	0	2185											
1198	3611	18	2225	2353	2383	2487	2506	2638	2643	2794	2808	2842	2854	
1199	3613	7	2285											
1200	3611	11	2300											
1201	3623	1												
1202	3581	13	2275											
1203	3610	0												
1204	3533	22	2470											
1205	3571	10	2292											
1206		0	2210											
1207		0	2275											
1208		13	1825											
1209	3571	0	1822											
1210	3587	0	1825											
1211	3552	0	1725											
1212	3540	0	1687											
1213	3560	0	1735											
1214	3582	18	1685	1795	1824	1918	1942	2067	2074	2232	2246	2282	2297	
1215	3589	11	2008											
1216	3507	0	1805											
1217	3498	0	1683											
1218	3469	0	1684											
1219	3410	0	1385											
1220	3405	0	1360											
1221	3316	0	1408											
1222	3337	0	1350											
1223		10												
1224		0												
1225	3045	18												
1226	2996	19												
1227	3027	12	212											
1228	3014	12	195											
1229	3024	19	212											
1230	3163	0	283											
1231	3197	24	425											
1232	3028	12	217											
1233	3215	15												
1234	3215	15												
1235	3290	23	470	622	634	754	775	946	956	1141	1155	1211	1232	



Borehole ID no.	Reference Elevation	KB (ft)	Top Sal	Depths (ft) to Marker Beds										
				Top 103	Base 103	Top 109	Base 109	Top VT	Base VT	Top Un'n	Base Un'n	Top 123	Base 124	
1236	3384	13	640											
1237		0	710											
1238	3453	10		1247	1260	1391	1414	1590	1603	1785	1804	1853	1871	
1239	3340	0	713	890	904	1028	1052	1234	1240	1436	1452	1510	1532	
1240	3336	0	715	894	906	1026	1052	1236	1240	1440	1454	1520	1540	
1241	3335	0	626											
1242	3332	0	627	810	828	948	972	1154	1160	1354	1371	1430	1458	
1243	3328	8	653											
1244	3323	0	642	822	836	965	990	1173	1180	1372	1388	1446	1468	
1245	3492	10	1118	1292	1308	1432	1454	1635	1646	1834	1852	1903	1921	
1246	3511	27	1100	1242	1252	1448	1468	1689	1702	1858	1875	1922	1934	
1247	3426	0	976											
1248	3381	23	808	993	1005	1130	1149	1332	1348	1540	1557	1608	1629	
1249	3374	9	797	979	992	1116	1126	1333	1357	1566	1582	1637	1655	
1250	3452	22	1092											
1251	3461	11	1090											
1252	3506	21	1190											
1253	3454	10	1063	1247	1258	1395	1412	1602	1609	1832	1846	1902	1920	
1254	3464	27	1070	1246	1260	1380	1400	1602	1610	1827	1843	1897	1916	
1255	3459	12	1060											
1256	3402	12	837	1013	1028	1151	1172	1370	1381	1592	1610	1662	1671	
1257	3374	22												
1258	3358	8	695	880	892	1038	1058	1235	1248	1458	1473	1528	1545	
1259	3392	8	816	1021	1040	1192	1216	1408	1422	1645	1662	1718	1737	
1260		7	1095											
1261	3727	12	1584	1752	1767	1883	1904	2072	2093	2250	2267	2308	2328	
1262	3699	11	1545	1708	1724	1840	1860	2041	2050	2225	2240	2282	2300	
1263	3723	5	1680	1852	1866	1988	2010	2190	2199	2376	2393	2439	2457	
1264	3722	12	1640	1812	1828	1940	1957	2132	2140	2320	2335	2378	2395	
1265	3622	21												
1266	3697	11	1512	1682	1697	1812	1830	2004	2017	2213	2228	2276	2292	
1267	3699	14											1688	
1268	3701	10	1517	1688	1702	1819	1840	2018	2026	2212	2230	2274	2290	
1269	3720	10	1710	1888	1903	2025	2044	2214	2227	2417	2431	2477	2498	
1270	3725	13	1727	1903	1919	2044	2064	2233	2243	2441	2456	2504	2520	
1271	3700	13	1683	1863	1878	2002	2020	2194	2210	2405	2420	2470	2485	
1272	3720	10	1695	1873	1888	2013	2032	2203	2217	2407	2420	2468	2485	
1273	3698	12	1678	1861	1876	2003	2022	2201	2212	2412	2429	2478	2496	
1274	3705	9	1680	1860	1873	1996	2010	2188	2200	2394	2410	2457	2474	
1275	3659	11	1630	1814	1830	1950	1968	2147	2160	2360	2374	2424	2443	
1276	3713	12	1667	1858	1870	1995	2014	2192	2202	2405	2423	2471	2490	
1277	3687	0	1535	1714	1730	1850	1868	2048	2059	2257	2273	2321	2338	
1278	3551	8	1206	1396	1411	1539	1556	1735	1748	1970	1988	2025	2048	
1279	3666	8	1520											
1280	3629	9	1508	1700	1712	1840	1857	2031	2043	2248	2264	2316	2336	
1281	3671	11	1623	1821	1837	1970	1990	2172	2180	2390	2407	2460	2478	
1282	3694	12	1657	1854	1868	1993	2013	2190	2198	2404	2420	2472	2490	
1283	3676	11	1675	1872	1884	2015	2029	2213	2227	2428	2443	2496	2512	



Borehole ID no.	Reference Elevation	KB (ft)	Depths (ft) to Marker Beds										
			Top Sai	Top 103	Base 103	Top 109	Base 109	Top VT	Base VT	Top Un'n	Base Un'n	Top 123	Base 124
1284	3700	8	1635	1831	1844	1969	1980	2166	2177	2378	2393	2444	2465
1285	3692	12	1653	1846	1860	1995	2014	2194	2207	2414	2430	2482	2500
1286	3663	8	1567	1762	1775	1900	1918	2094	2103	2308	2323	2375	2396
1287	3689	11	1623	1818	1832	1960	1980	2157	2167	2369	2385	2437	2457
1288	3669	11	1655										
1289	3630	8	1505					2044	2054	2265	2280	2332	2350
1290	3695	8	1670	1858	1872	2005	2022	2202	2216	2418	2434	2486	2504
1291	3689	0	1680	1884	1898	2042	2062	2246	2257	2482	2498	2560	2576
1292	3664	11	1673	1864	1877	2010	2030	2210	2220	2430	2445	2500	2516
1293	3636	11	1657	1830	1848	1982	2008	2175	2184	2362	2378	2427	2449
1294	3704	10	1772	1947	1960	2099	2112	2287	2298	2478	2492	2535	2550
1295	3722	11	1757	1929	1945	2072	2096	2263	2274	2455	2470	2515	2534
1296	3715	12	1773	1947	1960	2093	2115	2284	2294	2484	2500	2548	2566
1297	3722	11	1710			2013	2030	2199	2210	2387	2401	2443	2458
1298	3726	9		1958	1975	2103	2117	2295	2304	2488	2504	2550	2565
1299	3711	13	1732	1903	1920	2046	2065	2240	2250	2445	2460	2509	2526
1300	3720	13	1735	1906	1923	2048	2066	2242	2250	2451	2465	2516	2535
1301	3713	13	1710	1875	1892			2204	2212	2400	2416	2464	2479
1302	3703	11	1720	1890	1905	2028	2047	2218	2227	2417	2432	2480	2498
1303	3713	25	1790										
1304	3701	12	1785	1953	1969	2098	2117	2296	2306	2502	2518	2570	2589
1305		11	1760	1940	1956	2085	2102	2280	2289	2493	2510	2560	2578
1306	3683	8	1770	1945	1960	2083	2100	2275	2286	2478	2494	2548	2567
1307	3659	0	1815	1998	2012	2130	2148	2323	2333	2528	2546	2598	2613
1308	3533	0	1469	1660	1675	1810	1830	2000	2012	2209	2224		
1309	3555	19	1605										
1310	3425	14	1275										
1311	3490	22	1400										
1312	3515	0	2030										
1313	3494	9	2020										
1314		0	1663										
1315	3468	0	1950										
1316	3459	0											
1317	3324	0	1337										
1318	3383	0	1493										
1319	3317	0	1287										
1320	3317	0	1228										
1321	3282	11	1620										
1322	3320	9	1435										
1323	2968	10											
1324	2984	0											
1325		6											
1326		0											
1327		4											
1328		6											
1329	2969	28											
1330	2941	11						454	460			665	690
1331	2997	18											



Borehole ID no.	Reference Elevation	KB (ft)	Depths (ft) to Marker Beds											
			Top Sal	Top 103	Base 103	Top 109	Base 109	Top VT	Base VT	Top Un'n	Base Un'n	Top 123	Base 124	
1332	2924	11	696											
1333	3447	12	660											
1334	3179	11												
1335	3433	0												
1336	3429	12	840	848	858	928	946	1132	1141	1360	1378	1430	1454	
1337	3266	5												
1338	3502	23	1250											
1339	3500	9	1010	1152	1167	1300	1320	1509	1517	1722	1736	1788	1805	
1340	3432	2	835											
1341	3436	10	832	1017	1032	1155	1178	1368	1380	1582	1600	1645	1663	
1342	3406	0	791											
1343	3414	10	812	997	1011	1132	1152	1340	1354	1562	1578	1630	1645	
1344	3430	28	805	920	933	1062	1082	1260	1274	1485	1504	1556	1573	
1345	3438	23	826											
1346	3535	11	960	960	976	1115	1135	1317	1325	1540	1560	1617	1634	
1347	3528	13	1130	1299	1317	1450	1468	1644	1660	1860	1874	1923	1940	
1348	3553	13	1098	1300	1312	1448	1466	1651	1667	1889	1905	1966	1986	
1349	3553	4	1025											
1350	3514	10	915	944	956	1080	1100	1280	1284	1490	1510	1560	1578	
1351	3530	11	965	968	981	1125	1145	1330	1342	1548	1565	1622	1641	
1352	3490	12	895	918	924	1040	1062	1245	1252	1455	1472	1530	1549	
1353	3535	11	923	993	1012	1140	1160	1340	1350	1562	1580	1629	1647	
1354	3551	12	1017											
1355	3502	23												
1356	3508	25	1010											
1357	3620	10	1562	1748	1761	1888	1908	2084	2099	2301	2317	2368	2388	
1358	3623	12												
1359	3632	11	1500											
1360	3631	11	1533	1727	1740	1870	1892	2074	2088	2296	2314	2369	2390	
1361	3584	8	1246	1439	1453	1580	1600	1776	1783	2000	2017	2067	2088	
1362	3628	10	1394	1599	1608	1752	1771	1959	1966	2182	2206	2263	2280	
1363	3615	11												
1364		8												
1365	3637	14												
1366	3637	12												
1367	3637	11	1504	1688	1703	1855	1874	2069	2078	2293	2309	2360	2378	
1368	3640	11	1502	1698	1708	1852	1867			2288	2304	2361	2376	
1369	3590	10				1939	1958	2140	2152	2366	2382	2437	2458	
1370	3600	10												
1371	3605	9	1495	1689	1700	1842	1863	2048	2063	2285	2300	2354	2373	
1372	3586	0	1503											
1373	3599	9												
1374	3628	8	1445	1628	1640	1844	1966	2089	2104	2324	2340	2393	2410	
1375	3588	10	1437	1631	1644	1800	1820	2016	2029	2267	2288	2305	2324	
1376	3591	9	1456	1653	1665	1890	1915	2140	2149	2310	2327	2386	2402	
1377	3624	10	1453	1638	1650	1850	1870	2066	2080	2295	2311	2363	2380	
1378	3606	10	1438	1632	1646	1796	1822	2072	2090	2298	2313	2375	2405	
1379	3591	10	1428	1612	1625	1778	1803	1996	2003	2230	2247	2299	2317	



Borehole ID no.	Reference Elevation	KB (ft)	Depths (ft) to Marker Beds										
			Top Sal	Top 103	Base 103	Top 109	Base 109	Top VT	Base VT	Top Un'n	Base Un'n	Top 123	Base 124
1380	3602	12	1340	1524	1539	1679	1700	1882	1897	2106	2122	2187	2208
1381	3622	10	1396	1571	1585	1730	1753	1940	1955	2174	2192	2252	2271
1382	3608	11	1368	1571	1583	1721	1741	1946	1957	2186	2206	2267	2287
1383	3605	10	1400	1598	1612	1757	1777	1980	1990	2216	2235	2296	2316
1384	3618	12	1312	1513	1528	1667	1688	1874	1887	2112	2130	2192	2212
1385	3607	11	1375	1590	1599	1745	1760	1968	1975	2201	2219	2280	2296
1386	3604	10	1383	1590	1602	1745	1764	1970	1975	2210	2227	2290	2308
1387	3602	11	1384	1579	1592	1735	1758	1958	1967	2192	2211	2275	2295
1388	3591	9	1362	1565	1579	1718	1738	1938	1946	2172	2190	2252	2272
1389	3609	8	1415	1627	1640	1786	1807	2009	2020	2243	2262	2320	2340
1390	3605	10	1412	1602	1618	1763	1783	1984	1992	2218	2234	2295	2316
1391	3589	11	1323	1535	1548	1676	1695	1883	1895	2113	2129	2185	2206
1392	3554	9	1070	1292	1304	1453	1479	1682	1696	1917	1932	1987	2007
1393	3510	10	1145	1345	1359	1485	1508	1707	1716	1937	1955	2010	2030
1394	3519	11	1190	1400	1412	1544	1565	1754	1762	1985	2004	2056	2075
1395	3524	12	1239	1455	1463	1598	1616	1806	1817	2036	2052	2108	2127
1396	3625	19	1806	1981	1995	2120	2140	2312	2324	2520	2539	2599	2613
1397	3606	8	1635	1829	1840	1969	1989	2172	2183	2393	2408	2460	2478
1398	3598	8	1612	1819	1830	1963	1982	2165	2175	2385	2403	2455	2473
1399	3603	10	1595	1797	1810	1948	1967	2152	2161	2371	2388	2442	2463
1400	3590	11	1635	1836	1850	1983	2003	2182	2192	2402	2418	2470	2486
1401	3636	10	1647	1846	1862	1996	2015	2195	2203	2416	2432	2483	2501
1402	3547	14	1620	1829	1835	1968	1987	2158	2168	2376	2392	2440	2457
1403	3578	11	1630	1835	1848	1982	2000	2175	2186	2393	2412	2462	2480
1404	3637	8	1700	1900	1911	2042	2063	2238	2248	2455	2472	2522	2540
1405	3598	11	1785	1988	2004	2135	2154	2342	2354	2562	2577	2633	2651
1406	3554	10	1540										
1407	3592	11	1676	1880	1890	2022	2042	2214	2222	2436	2454	2503	2522
1408	3540	11	1495	1709	1725	1859	1870	2110	2120	2285	2304	2359	2374
1409	3594	12	1735	2004	2024	2165	2190	2385	2396	2702	2723	2792	2820
1410	3502	11	1621	1851	1864	2006	2025	2216	2226	2449	2466	2525	2543
1411	3525	10	1492	1720	1734	1875	1896	2092	2100	2321	2339	2390	2408
1412	3556	10	1410	1620	1637	1773	1792	1982	1990	2203	2220	2270	2288
1413	3524	11	1392	1605	1620	1755	1775	1978	1986	2210	2229	2280	2300
1414		11	1695	1915	1926	2059	2077	2255	2265	2500	2521	2579	2595
1415	3447	10	1125										
1416	3567	19	1537	1735	1750	1885	1904	2089	2100	2308	2338	2400	2418
1417	3619	19	1690										
1418	3630	0	1760										
1419	3570	18	1660										
1420	3488	33	1085										
1421	3378	19	1186										
1422	3295	9											
1423	3156	0	1482										
1424	2997	19											
1425	2985	2	340										
1426	2921	2											
1427	2923	9		417	438	488	508	653	659			835	862





Borehole ID no.	Reference Elevation	KB (ft)	Depths (ft) to Marker Beds											
			Top Sal	Top 103	Base 103	Top 109	Base 109	Top VT	Base VT	Top Un'n	Base Un'n	Top 123	Base 124	
1428	3118	17	945											
1429	3041	1	775											
1430	3078	16	905											
1431	3044	0	530											
1432	2990	2	414											
1433	2936	12								603	610	630	643	
1434	2945	12	393											
1435	3333	9												
1436	3273	13	1096							1769	1781	1808	1823	
1437	3283	12	1014											
1438	3222	9	760		772	796	809	955	962	1147	1162	1204	1225	
1439	3210	11	1255											
1440	3200	11	915											
1441	3197	10	790											
1442	3210	10	1100											
1443	3192	0	880			1290	1300	1530	1542	1773	1784	1840	1859	
1444	3282	2	1235											
1445	3317	14	1050	1061	1077	1212	1230	1404	1414	1626	1640	1688	1703	
1446	3210	11	786	787	798	840	858	1014	1022	1225	1240	1283	1303	
1447	3219	9	898	898	907	956	976	1139	1146	1307	1325	1360	1372	
1448	3207	11		790	804	858	878	1045	1057	1249	1263	1307	1323	
1449	3217	7												
1450	3209	11	829	829	840	890	912	1070	1080	1263	1279	1322	1333	
1451	3186	10	1075	1076	1083	1140	1163	1404	1413	1558	1574	1592	1609	
1452	3192	11	1205			1133	1157	1253	1266	1414	1438	1465	1477	
1453	3207	11	1542											
1454	3209	12	1100											
1455	3203	10	942	942	951	1060	1070							
1456	3184	8	840	840	852	900	918	1108	1117	1191	1202	1210	1218	
1457	3204	8	915	915	940	957	983	1187	1195	1393	1410	1455	1473	
1458	3252	5	1373											
1459	3336	11												
1460	3476	21	1012			1090	1108	1300	1310	1530	1550	1604	1622	
1461	3348	2	1123											
1462	3358	8	697	880	892	1037	1058	1235	1250	1448	1464	1528	1547	
1463	3319	9	1622	1790	1806	1923	1935	2073	2079	2221	2230	2262	2274	
1464	3486	11	1127	1320	1334	1468	1483	1680	1697	1923	1938	1996	2013	
1465	3461	10	1160			1304	1327	1520	1535	1762	1780	1833	1850	
1466	3461	9	1104	1177	1192	1323	1345	1540		1780	1802	1853	1870	
1467	3460	11	1122	1191	1207	1334	1353	1548	1557	1780	1799	1852	1870	
1468	3472	10	1130	1229	1245	1380	1397	1594	1609	1834	1850	1908	1923	
1469	3478	10	1127	1270	1284	1418	1437	1630	1640	1875	1892	1948	1967	
1470	3480	19	1140	1233	1250	1383	1402	1600	1613	1842	1860	1912	1930	
1471	3477	9	1125											
1472	3464	9	1118	1240	1255	1390	1408	1595	1610	1840	1859			
1473	3454	0	1123	1210	1227	1368	1384	1580	1595	1821	1840	1893	1913	
1474	3459	10	1140	1225	1240	1372	1392	1584	1600	1826	1842	1897	1916	
1475	3455	10	1120	1203	1220	1360	1380	1573	1588	1808	1825	1879	1899	



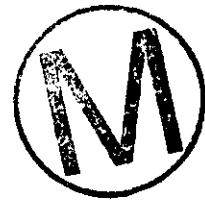
Borehole ID no.	Reference Elevation	KB (ft)	Depths (ft) to Marker Beds										
			Top Sal	Top 103	Base 103	Top 109	Base 109	Top VT	Base VT	Top Un'n	Base Un'n	Top 123	Base 124
1476	3458	10	1147	1228	1245	1377	1396	1586	1602	1818	1840	1894	1910
1477	3470	11	1140	1220	1237	1366	1385	1572	1590	1812	1830	1883	1903
1478	3410	10	1177										
1479	3468	10	1140	1333	1350	1488	1512	1694	1706	1923	1938	1991	2008
1480	3445	11	1103	1257	1274	1410	1437	1621	1637				
1481	3454	11	1132	1306	1328	1460	1481	1673	1687				
1482	3455	8	1133	1208	1222	1359	1382	1569	1583	1811	1829	1882	1901
1483	3427	10	1137	1137	1149	1262	1281	1466	1480	1688	1704	1753	1772
1484	3451	10	1158	1162	1176	1303	1320	1520	1530	1760	1778	1830	1850
1485	3438	10	1145	1145	1155	1278	1295	1487	1503	1721	1738	1790	1804
1486	3451	11	1144	1205	1222	1354	1374	1568	1581	1803	1820	1872	1895
1487	3453	10	1140	1200	1218	1352	1371			1810	1827	1880	1898
1488	3453	10	1158	1160	1171	1305	1327	1528	1542	1770	1789	1843	1860
1489	3441	11	1138	1138	1150	1273	1293	1488	1500	1722	1739	1792	1810
1490	3447	10	1137	1191	1208	1339	1362	1545	1556	1773	1792	1843	1862
1491	3443	10	1165	1164	1178	1307	1328	1520	1530	1754	1773	1824	1845
1492	3441	10	1150	1152	1162	1295	1312	1503	1520	1738	1753	1804	1826
1493	3421	9	1095		1106	1176	1202	1400	1412	1632	1651	1704	1725
1494	3444	9	1140	1140	1155	1284	1305	1500	1515	1741	1760	1810	1830
1495	3423	10	1098	1099	1112	1201	1222	1420	1432	1654	1670	1729	1747
1496	3439	9	1137	1137	1150	1270	1290	1479	1495	1710	1728	1780	1798
1497	3437	11	1120		1131	1224	1245	1434	1445	1665	1682	1732	1752
1498	3426	12	1077		1090	1183	1205	1410	1420	1650	1669	1728	1748
1499	3458	11	1157	1157	1178	1305	1329	1524	1545	1767	1784	1834	1853
1500	3411	10	1075		1085	1152	1174	1376	1385	1606	1624	1679	1700
1501	3434	11	1110		1125	1221	1243	1441	1457	1678	1698	1751	
1502	3444	13	1128	1127	1140	1258	1282	1485	1495	1720	1739	1792	1812
1503	3434	9	1115	1115	1125	1213	1233	1425	1438	1650	1668	1720	1738
1504	3433	9	1125		1136	1229	1250	1440	1451	1667	1682	1732	1750
1505	3443	8	1130	1130	1142	1265	1284	1482	1498	1721	1738	1792	1810
1506	3431	20	940	986	995	1083	1102	1310	1322	1547	1565	1616	1635
1507	3438	16	1015										
1508	3394	13	1086		1096	1159	1184	1380	1391	1618	1636		
1509	3403	11	1115		1128	1242	1262	1450	1462	1685	1700	1757	1775
1510	3398	19	1117	1115	1127	1188	1204	1395	1409	1630	1645	1700	1720
1511	3396	12	1100		1113	1170	1195	1395	1410	1643	1660	1720	1736
1512		0	1106			1195	1216	1422	1435	1666	1682	1740	1758
1513	3414	12	1097	1097	1110	1185	1203	1400	1413	1632	1647	1700	1718
1514	3406	11	1116		1130	1250	1270	1455	1470	1690	1706	1761	1780
1515	3413	13	1125			1233	1252	1449	1460	1682	1700	1754	1772
1516	3422	10	1125		1139	1234	1255	1450	1462	1691	1709	1762	1789
1517	3404	13	1148	1148	1160	1213	1234	1428	1440	1660	1676	1731	1750
1518	3382	13	1112		1124	1180	1198	1389	1405	1628	1643	1700	1717
1519	3400	11	1132		1145	1232	1253	1438	1452	1671	1686	1741	1758
1520	3404	11	1073	1076	1087	1155	1171	1370	1384	1610	1626	1683	1702
1521	3408	9	1062		1073	1142	1161	1351	1363	1583	1600	1655	1674
1522	3421	12	1109	1108	1122	1240	1262	1455	1469	1688	1706	1759	1777
1523	3428	9	1130		1145	1233	1254	1448	1462	1677	1693	1746	1764



Borehole ID no.	Reference Elevation	KB (ft)	Top Sal	Top 103	Depths (ft) to Marker Beds									
					Base 103	Top 109	Base 109	Top VT	Base VT	Top Un'n	Base Un'n	Top 123	Base 124	
1524	3430	11	1128		1140	1255	1276	1465	1480	1695	1712	1764	1782	
1525	3409	13	1117			1220	1240	1430	1449	1668	1687	1741	1758	
1526	3419	10	1130		1141	1263	1288	1465	1480	1687	1702	1752	1772	
1527	3419	9	1115	1120	1130	1242	1267	1456	1472	1689	1704	1755	1768	
1528	3411	10	1117		1130	1249	1275	1458	1469	1683	1698	1750	1769	
1529	3421	9	1142	1144	1155	1272	1296	1475	1490	1694	1710	1760	1778	
1530	3414	10	1130	1130	1143	1270	1294	1476	1489	1696	1710	1759	1780	
1531	3429	11	1085	1240	1256	1389	1412	1598	1610					
1532	3430	10	1155			1285	1310	1485	1496	1700	1718	1770	1782	
1533	3391	11	1130	1132	1144	1266	1284	1470	1482	1700	1719	1770	1787	
1534	3392	10	1170		1180	1240	1260	1448	1460	1675	1690	1744	1759	
1535	3388	9	1118		1132	1220	1242	1430	1442	1668	1683	1740	1756	
1536	3375	10			1268	1333	1356	1537	1552	1767	1782	1833	1850	
1537	3398	10	1140			1248	1265	1444	1463	1677	1693	1750	1766	
1538	3386	9	1178		1188	1247	1265	1450	1462	1678	1694	1750	1767	
1539	3382	10	1175	1175	1188	1244	1266	1457	1470	1685	1701	1753	1772	
1540	3386	10	1148	1150	1160	1242	1260	1440	1453	1668	1684	1740	1758	
1541	3414	10	1230	1231	1240	1298	1318	1502	1514	1728	1742	1796	1812	
1542	3370	11	1335	1336	1350	1390	1409	1596	1608	1850	1872	1922	1937	
1543	3356	9	1310	1310	1322	1430	1452							
1544	3366	11	1485		1499	1634	1656							
1545	3311	2	1417											
1546	3307	10	1412	1446	1457	1584	1604	1768	1777	2009	2030	2074	2092	
1547	3349	11	1297	1297	1308	1336	1351	1546	1555	1760	1775	1825	1837	
1548	3332	9	1440		1449	1550	1573	1741	1752	1962	1975	2009	2027	
1549		0	1405		1417	1507	1527	1700	1712	1932	1948	1996	2013	
1550	3490	10	1673	1880	1897	2040	2058	2250	2258	2490	2507	2578	2597	
1551	3478	11	1433	1668	1682	1816	1836	2032	2045	2260	2278	2333	2352	
1552	3456	11	1428	1633	1646	1773	1792	1978	1993	2212	2229	2283	2302	
1553	3424	11	1550	1752	1767	1910	1928	2112	2128	2360	2378	2444	2464	
1554	3497	8	1312	1524	1538	1665	1689	1872	1883	2098	2116	2169	2188	
1555	3431	10	1347	1565	1581	1716	1742	1932	1945	2164	2185	2245	2264	
1556		0	1374									2268	2284	
1557	3392	34	1335											
1558	3353	11	1410	1608	1625	1758	1778	1960	1976	2190	2206	2259	2280	
1559	3358	9	1463	1670	1684	1822	1842	2030	2040	2280	2298	2355	2379	
1560	3342	12	1435	1635	1650	1788	1807	1986	2000	2225	2242	2297	2317	
1561	3332	11	1395	1596	1612	1744	1763	1950	1964	2198	2217	2271	2292	
1562	3320	12	1387	1585	1607	1741	1762	1935	1946	2162	2178	2230	2249	
1563	3353	10	1315	1510	1528	1658	1675	1848	1859	2072	2088	2140	2157	
1564	3344	11	1339	1528	1545	1675	1695	1862	1873	2082	2099	2152	2170	
1565	3422	9	1385	1564	1585	1726	1748	1944	1956	2177	2192	2245	2264	
1566	3386	12	1096	1220	1237	1377	1400	1586	1604	1846	1862	1915	1934	
1567	3332	0	1192	1374	1392	1535	1552	1734	1748	1977	1992	2042	2062	
1568	3391	13	1224	1428	1443	1580	1599	1780	1792	2022	2038	2088	2108	
1569	3325	7	1334	1542	1556	1697	1716	1902	1915	2152	2168	2222	2240	
1570	3346	11	1432	1625	1642	1783	1801	1983	1998	2222	2240	2292	2310	
1571	3346	12	1437	1639	1651	1792	1810	2005	2017	2256	2272	2332	2353	



Borehole ID no.	Reference Elevation	KB (ft)	Depths (ft) to Marker Beds										
			Top Sal	Top 103	Base 103	Top 109	Base 109	Top VT	Base VT	Top Un'n	Base Un'n	Top 123	Base 124
1572	3339	0	1265	1470	1486	1640	1666	1884	1901	2195	2216	2288	2313
1573	3163	10	1095										
1574	3143	1	1290										
1575	3123	0	1068										
1576	3115	10	1065										
1577	3087	0	973										
1578		0											
1579	3012	4											
1580	2965	10	375	430	447	472	491	652	662	855	872	932	950
1581	2975	11	600	634	645	753	770	923	933				
1582	2978	8											
1583	2993	8	790	810	831								
1584	2953	8	388	434	452	518	539	697	706	912	925	971	986
1585	2964	14	512	512	528	550	564			900	915	939	962
1586	2912	7	330	346	362	431	446			847	871	914	932
1587	2900	12	360	415	426	549	569	712	722	870	886	934	942
1588	2972	9											
1589	2875	9											
1590	2892	10	414	484	499	538	557	650	654	765	778	884	898
1591	3201	1	1545										
1592	3165	10	1632										
1593	3179	9						1580	1590			1677	1687
1594	3059	8	1162										
1595	3090	10											
1596	3210	10	1294	1294	1306	1356	1371	1540	1548	1742	1761	1783	1797
1597	3059	9											
1598		0	850	900	910	929	948	1050	1071				
1599	2982	10											
1600	3220	0	1300	1403	1416	1520	1538	1704	1714	1950	1972	1995	2008
1601		0	1267	1336	1345	1484	1500	1712	1723				
1602	3238	9	1202	1259	1271	1368	1382	1568	1579	1782	1796	1848	1868
1603	3225	32											
1604		0	1245	1270	1280	1348	1365	1550	1558	1720	1730	1754	1772
1605	3282	11	1685										
1606	3177	10	956	956	968	1094	1113	1298	1308	1525	1543	1591	1611
1607	3180	0	1595										
1608	3133	11	963	963	974	1090	1106	1346	1353	1523	1540	1587	1608
1609	3122	11	1020	1024	1035	1165	1183	1388	1400	1642	1660	1713	1735
1610	3113	11	1006	1010	1020	1157	1166	1382	1390	1632	1648	1708	1726
1611	3130	11	1034	1034	1047	1182	1200	1406	1419	1658	1675	1728	1749
1612	3122	11	987	993	1003	1114	1133	1342	1353	1589	1607	1660	1682
1613	3132	11	967	967	982	1097	1103	1298	1307	1522	1538	1583	1602
1614	3124	11	967	969	979	1084	1102	1292	1303	1527	1544	1596	1616
1615	3134	12	975	975	988	1093	1112	1302	1312	1528	1545	1588	1613
1616	3130	19	1005	1009	1018	1144	1163	1361	1371	1604	1622	1673	1696
1617	3131	9	994	994	1008	1126	1147	1347	1358	1585	1603	1652	1673
1618	3113	11	930	930	942	1033	1054	1243	1254	1484	1501	1554	1576
1619	3264	10	1095	1300	1314	1450	1472	1656	1665	1887	1903	1954	1976



Borehole ID no.	Reference Elevation	KB (ft)	Depths (ft) to Marker Beds										
			Top Sal	Top 103	Base 103	Top 109	Base 109	Top VT	Base VT	Top Un'n	Base Un'n	Top 123	Base 124
1620	3122	11	1055	1055	1066	1215	1233	1433	1443	1679	1697	1754	1775
1621	3414	10	1235	1458	1473	1637	1653	1865	1875	2155	2175	2253	2278
1622	3392	11	1115	1342	1356	1509	1532	1743	1756	2030	2048	2118	2142
1623	3332	0	1005			1402	1428	1671	1682	1990	2010	2088	2110
1624		9	1203										
1625		0	1265										
1626	3013	0	1163										
1627	3032	0	1194										
1628	3853	17	2331	2506	2516	2634	2646	2803	2815			3058	3069
1629	3741	26	1878	2076	2087	2212	2230	2398	2410	2600	2609	2674	2693
1630	3480	0											
1631	3659	9	1638	1840	1852	1985	2000	2180	2198	2383	2392	2454	2472
1632	3572	22	1467	1667	1680	1808	1816	1994	2007	2182	2196	2254	2269
1633	3645	11	1227	1412	1430	1557	1578	1742	1758	1937	1955	2010	2030
1634	3094	12	594										
1635	3612	24	1840	2030	2048	2178	2197	2374	2384	2587	2602	2658	2673
1636	3506	20	1550										
1637	2968	8	240										
1638	3456	11				858	874	1058	1068	1288	1308	1360	1377
1639	3726	12	1708	1885	1898	2030	2042	2220	2228	2403	2420	2463	2483
1640		2	1105										
1641	3410	0	842										
1642	3384	0											
1643	3413	0	821										

All drillholes within the Rustler data base were included, even if the Salado was uninterpretable. Drillhole locations, names, and other data are presented in tables of Rustler location data and can be cross-indexed with the identification number.



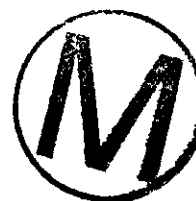
# **APPENDIX A-3**

## **TABLE OF DATA ON DEPTH TO RUSTLER UNITS**



## Table of Data on Depth to Rustler Units

ID No.	Reference Elevation	KB (ft)	Depth (ft) to top of units					Sal	Revisions
			49'r	Mag	Tam	Cul	ulm		
1001		3	118					278	
1002	3568	10							
1003	3510	0	164					316	
1004	3618	1	504	565	582	660	675	736	
1005	3466	10	500			576	587	624	
1006	3554	10	358	411	434	508	525	587	
1007	3510	9	314	375	396	468	483	557	
1008	3766	9	794	841	856	927	942	1017	
1009	3733	9	757	808	824	902	913	990	
1010	3651	7	561	606	628	730	754	840	
1011	3648	18							
1012	3624	10	563	619	634	706	720	790	
1013	3631	10	578	632	650	721	736	775	
1014	3551	10	545	596	618	692	708	785	
1015	3568	3	500	555	576	648	663	735	
1016	3566	3	574	622	640	720	734	810	
1017	3580	5	590	638	660	732	748	830	
1018	3571	0	606	665	682	760	775	840	
1019		3	613	670	687	759	775	828	
1020	3885	10	1158	1207	1222	1302	1322	1394	
1021	3783	0	1103	1150	1168	1260	1275	1350	
1022	3751	0	1017	1044	1060	1157	1168	1274	
1023	3382	10	940	996	1019	1112	1137	1300	
1024	4027	13	1587	1634	1652	1743	1755	1828	
1025	4104	10	1753	1797	1815	1904	1915	1988	
1026	3952	10	1633	1682	1699	1796	1807	1880	
1027	3800	0	1407	1460	1479	1576	1588	1663	Rev loc ctr, NE1/4, SE1/4
1028	3779	21	1278	1330	1351	1447	1462	1546	
1029	4011	12	1483	1525	1540	1602	1615	1677	
1030	4098	8	1631	1675	1694	1774	1783	1843	
1031		12	1775	1824	1842	1932	1947	2026	
1032	4023	11	1820	1872	1892	1985	1999	2075	
1033	4000	13	1793	1852	1870	1960	1972	2050	
1034	3957	17	1714	1775	1793	1885	1905	1983	
1035	3920	14	1745	1794	1807	1885	1900	1968	
1036	3961	14	1600	1645	1658	1733	1750	1810	
1037	3962	11	1562	1604	1619	1690	1705	1765	
1038	3968	13	1535	1580	1595	1668	1683	1744	
1039	3958	14	1598	1643	1657	1737	1748	1814	
1040	3991	12	1512	1566	1582	1647	1653	1678	
1041	3980	0	1501	1547	1562	1640	1657	1720	
1042	3948	13	1853	1908	1926	2022	2036	2112	
1043	3789	0	1825	1870	1883	1945	1948	2038	
1044	3822	11	1909	1958	1969	2042	2050	2137	
1045	3816	0	1811	1855	1870	1940	1943	2030	
1046	3783	0	1783	1828	1840	1904	1908	1997	
1047	3698	0	1643	1685	1700			1810	
1048	3750	13							



ID No.	Reference Elevation	KB (ft)	Depth (ft) to top of units					Sal	Revisions
			49'r	Mag	Tam	Cul	n/m		
1049	3660	0	1965	2007	2017	2084	2090	2168	
1050	3664	0	1520	1560	1572			1653	
1051	3399	9						305	
1052		0				90	114	218	
1053		0				120	142	245	Rev loc NW1/4, NW1/4
1054	3402	10	183	223	245	290	310	388	
1055	3529	0	524	576	596	673	692	740	
1056	3577	21	682	745	764	853	873	978	
1057	3559	21	619	685	702	775	796	898	
1058	3526	8	497	565	586	666	683	746	
1059	3576	16	802	906	927	1045	1064	1172	
1060	3974	10	1855	1920	1940	2037	2063	2150	
1061	3815	13	1805	1867	1884	1979	2000	2080	
1062	3723	0	1761	1822	1840	1944	1963	2045	
1063	3743	0	1753	1818	1838	1950	1966	2052	
1064	3703	12	1779	1845	1863	1970	1995	2080	
1065		0	1480	1525	1538	1604	1614	1680	
1066	3759	11	1474	1517	1533	1650	1660	1704	
1067	3744	11	1777	1828	1841	1942	1955	2038	
1068	3702	0	1230	1280	1293	1363	1371	1446	Rev loc NE1/4, NW1/4
1069	3580	0	1220	1257	1272	1320	1325	1397	
1070		0				403		520	Log lacks loc data
1071	3325	18							
1072	3505	19	480	536	553	629	645	713	
1073	3523	16							
1074	3448	16	828	892	915	1052	1068	1170	
1075	3550	16	1121	1184	1207	1370	1387	1495	
1076	3510	15	883	949	972	1112	1128	1236	
1077	3565	15	1163	1248	1274	1404	1422	1524	
1078	3586	7	1372	1440	1464	1623	1648	1756	
1079	3524	0	1103	1172	1194	1343	1362	1470	
1080	3509	0	1076	1140	1165	1314	1335	1450	
1081	3642	19	1485	1560	1580	1752	1770	1887	
1082	3677	21	1743	1814	1830	1994	2009	2110	
1083	3708	7	1590	1654	1674	1832	1854	1957	
1084	3720	10	1567	1639	1660	1827	1847	1949	
1085	3701	0	1973	2048	2067	2208	2220	2315	
1086	3603	0	1005	1050	1062	1135	1143	1218	
1087	3662	0	1985	2058	2073	2210	2227	2330	
1088	3604	0	1465	1505	1516			1671	
1089	3542	0	1427	1470	1480	1551	1559	1635	
1090	3412	20	187					495	
1091	3471	18	200					500	
1092	3472	13	255				410	550	
1093	3468	13	445				608	740	
1094	3487	17	830	895	915	1012	1032	1145	
1095	3432	18	312	402	423	546	561	680	
1096	3309	16	146				291	450	





ID No.	Reference Elevation	KB (ft)	Depth (ft) to top of units					Sal	Revisions
			49r	Mag	Tam	Cul	ulm		
1097	3458	18	345				490	655	
1098	3444	18	200					505	
1099	3177	0	152	175	193	292	318	421	
1100	3250	23	160					502	
1101	3218	22	130				356	485	
1102	3347	0	215	285	310	420	446	531	rev from geoph log
1103	3428	0	449	513	537	631	653	748	Ref EI from SAND79-0284
1104	3540	0	538	598	623	713	739	811	
1105	3748	14	1505	1575	1598	1772	1785	1890	
1106	3792	18	1550	1622	1645	1820	1840	1945	
1107	3793	22	1568	1645	1665	1840	1862	1988	
1108	3740	21	1530			1838	1860	1950	
1109	3668	15	1345			1545	1570	1765	
1110	3652	18	1162	1236	1260	1444	1466	1580	
1111	3800	17	1450	1525	1550	1734	1760	1885	
1112	3862	10	1565	1642	1664	1837	1858	2005	Rev loc SE1/4, SE1/4
1113	3861	22	1515	1593	1617	1833	1858	1947	
1114	3834	21	1555	1630	1654	1840	1857	1972	
1115	3679	21	1056	1110	1130	1282	1303	1455	
1116	3798	13	1293	1360	1382	1610	1635	1781	
1117	3504	0							
1118	3662	8	670	732	758	872	896	982	
1119	3780	23	778	837	860	992	1008	1090	
1120	3802	4	1760	1838	1858	2032	2055	2180	
1121	3564	0	1455	1504	1526	1655	1668	1758	Surf EI from log
1122	3638	17	1757	1825	1843	1983	1997	2095	
1123	3603	11	1825	1900	1917	2074	2092	2200	
1124		0	1804	1880	1896	2094	2105		
1125		0							
1126	3594	5	1425	1464	1475	1582	1590	1670	Rev loc SE1/4, SW1/4; log elev
1127	3550	0	1420			1572	1579	1660	
1128	3593	10	1426	1466	1478	1583	1589	1670	Rev loc SE1/4, SW1/4; ?DUP 1126
1129	3568	0	1476	1517	1527	1634	1640	1720	
1130	3545	10	1486	1517	1527	1630	1640	1720	
1131	3635	0	1580	1642	1661	1799	1807	1900	
1132	3581	0	1560	1600	1612	1735	1740	1817	
1133	3580	3	1555	1597	1614	1722	1732	1817	
1134		0	1167	1210	1219	1295	1305	1377	
1135		0	1150	1190	1200	1275	1283	1368	
1136	3304	12						495	
1137	3023	0	0	19	36	61	90	166	
1138	2977	0					43	130	
1139	3357	20	315	380	400	495	515	625	
1140	3193	18	170					520	
1141	3221	23	275					600	
1142	3323	0	401	449	468	550	578	677	
1143	3214	1	232	302	328	447	472	565	Rev loc, elev from SAND79-0279
1144	3358	0	387	452	477	576	595	686	



ID No.	Reference Elevation	KB (ft)	49'r	Depth (ft) to top of units				Sal	Revisions
				Mag	Tam	Cul	ulm		
1145	3376	0	462	519	544	636	656	747	
1146	3309	23	215					535	
1147	3152	0	12	79	99	187	208	306	
1148		0	395	454	479	572	591	708	
1149	3418	0	641	700	724	828	849	962	
1150	3439	13	676	740	764	857	881	964	
1151	3433	0	657	716	740	834	860	973	
1152	3429	0	639	707	729	817	836	952	Ref elev typo revised
1153	3541	9	668	727	750	848	873	990	
1154	3553	0	780	839	866	957	979	1100	
1155	3508	0	732	784	809	900	922	1041	
1156	3510	0	734	786	812	904	924	1040	
1157	3496	21							
1158	3405	0	517	564	583	704	725	845	
1159	3484	12	641	703	727	825	848	966	
1160	3472	0	623	685	710	808	827	946	
1161	3345	0	426	490	513	608	628	720	
1162	3349	0	427	492	515	612	632		
1163	3382	0	468	528	553	645	665	783	
1164	3457	0	614	674	698	791	810	928	
1165	3426	0	574	630	654	742	763	885	
1166	3417	0	559	617	641	732	752	867	
1167	3433	0	590	647	672	756	777	894	
1168	3420	12	550	608	632	716	739	860	
1169	3506	0	746	799	823	916	938	1058	
1170	3546	0	759	816	839	972	995	1116	
1171	3596	8	755	830	856	1018	1038	1190	
1172	3479	0	626	703	728	912	936	1084	
1173	3508	0	686	758	781	935	957	1084	
1174	3441	0	610	662	685	782	802	928	
1175	3473	8	668	722	745	829	851	977	rev from TME3159 BDR
1176	3478	0	690	748	774	864	884	1008	Rev loc from OFR78-592
1177	3398	0							
1178	3346	0	357	422	446	545	572		Elev from SAND89-0202; ?Cul
1179	3377	0	457	516	542	627	647		
1180	3395	6	509	565	590	680	700	826	
1181	3345	0	359	424	448	546	567	676	
1182	3354	0	358	418	442	540	560	656	
1183	3310	0	232	296	322	420	436	542	
1184	3413	0	566	623	649	740	766		Rev for H11b3; SAND89-0200
1185	3409	0	562	617	644	738	758	880	
1186	3644	10	860	920	942	1100	1125	1275	
1187	3731	11	950	1005	1025	1140	1165	1290	
1188	3701	20	885	940	960	1072	1103	1200	
1189	3696	15	900	955	980	1090	1110	1230	
1190	3620	9	760	835	860	1070	1090	1245	
1191	3640	19	835	895	920	1080	1110	1240	
1192	3687	12	870	935	960	1100	1125	1265	



ID No.	Reference Elevation	KB (ft)	Depth (ft) to top of units						Revisions
			49r	Mag	Tam	Cul	ulm	Sal	
1193	3789	25	1048	1115	1140	1285	1315	1462	
1194	3756	0	1145	1210	1230	1430	1460	1608	
1195	3640	13	1715	1785	1805	2000	2030	2160	
1196	3537	0	1600	1682	1700	1918	1942	2092	Elev from Richey (1989); KB??
1197	3573	0	1690	1778	1795	2005	2032	2185	
1198	3611	18	1822	1900	1915	2102	2112	2225	
1199	3613	7	1856	1936	1952	2148	2160	2285	
1200	3611	11	1860	1935	1955	2142	2175	2300	
1201	3623	1							
1202	3581	13	1810	1885	1905	2110	2142	2275	
1203	3610	0	1877	1960	1979	2180	2193		
1204	3533	22	1920	2005	2020	2290	2322	2470	
1205	3571	10	1815	1890	1910	2130	2165	2292	
1206		0	1755	1840	1855	2098	2108	2210	
1207		0	1770	1860	1877	2125	2142	2275	
1208		13	1560	1603	1611	1724	1735	1825	
1209	3571	0	1560	1603	1612	1722	1734	1822	
1210	3587	0	1567	1610	1620	1728	1739	1825	
1211	3552	0	1465	1508	1517	1632	1641	1725	
1212	3540	0	1424	1472	1480	1590	1600	1687	
1213	3560	0	1475	1517	1528	1637	1645	1735	
1214	3582	18	1360	1420	1430	1572	1588	1685	
1215	3589	11	1602	1678	1700	1875	1890	2008	
1216	3507	0	1535	1578	1588	1700	1715	1805	
1217	3498	0	1360	1415	1427	1562	1575	1683	
1218	3469	0	1422	1466	1474	1584	1594	1684	
1219	3410	0	1125	1170	1180	1295	1305	1385	Rev loc NW1/4, SW1/4
1220	3405	0	1130	1173	1182			1360	
1221	3316	0	1190					1408	
1222	3337	0	1123	1160	1170	1259	1268	1350	
1223		10							
1224		0							
1225	3045	18							
1226	2996	19							
1227	3027	12						212	
1228	3014	12						195	
1229	3024	19						212	
1230	3163	0	87	117	140	237	274	283	
1231	3197	24						425	
1232	3028	12						217	
1233	3215	15							?DUP 1234
1234	3215	15							
1235	3290	23	150	210	235	330	353	470	DWP reinterp log 9/20/94
1236	3384	13		378	397	489	517	640	Rev from BDR: SAND79-0271
1237		0	310					710	
1238	3453	10	623	700	722	891	917	1068	rev from geoph log
1239	3340	0	382	438	463	562	582	713	Ref elev from OFR78-592
1240	3336	0	391	450	477	565	587	715	



ID No.	Reference Elevation	KB (ft)	49r	Depth (ft) to top of units					Sal	Revisions
				Mag	Tam	Cul	ulm	Sal		
1241	3335	0	315	377	403	493	515	626		
1242	3332	0	312	373	398	500	521	627		
1243	3328	8	363	375	414	469	487	653	Data from WTSD-TME-020	
1244	3323	0	316	376	402	503	523	642		
1245	3492	10	742	809	833	968	992	1118		
1246	3511	27	794	850	876	968	990	1100		
1247	3426	0	621	678	703	825	849	976	Rev from BDR; SAND90-0201	
1248	3381	23	476			657	682	808		
1249	3374	9	460	520	542	645	663	797		
1250	3452	22	763	817	841	942	968	1092		
1251	3461	11	775	830	850	945	978	1090		
1252	3506	21	865	922	940	1050	1072	1190		
1253	3454	10	750	810	830	927	950	1063		
1254	3464	27	758	814	835	922	955	1070		
1255	3459	12	750	806	825	920	945	1060	Rev elev from geophys log	
1256	3402	12	497	560	585	680	705	837		
1257	3374	22								
1258	3358	8	360	430	450	570	587	695		
1259	3392	8	430	495	520	622	648	816		
1260		7	780	835	860	950	975	1095	sw1/4,sw1/4 converted	
1261	3727	12	1155	1213	1235	1420	1445	1584		
1262	3699	11	1140	1195	1215	1383	1405	1545		
1263	3723	5	1195	1275	1294	1505	1529	1680		
1264	3722	12	1178	1243	1263	1473	1500	1640		
1265	3622	21	1025	1085	1110	1215	1245			
1266	3697	11	1210	1262	1285	1368	1392	1512	Grnd elev from topo map	
1267	3699	14	1217	1270	1294	1376	1402			
1268	3701	10	1163	1215	1240	1377	1401	1517		
1269	3720	10	1225	1294	1315	1526	1557	1710		
1270	3725	13	1235	1308	1325	1532	1570	1727		
1271	3700	13	1208	1280	1300	1510	1532	1683		
1272	3720	10	1212	1282	1302	1520	1544	1695		
1273	3698	12	1225	1295	1315	1500	1525	1678		
1274	3705	9	1215	1288	1306	1512	1532	1680		
1275	3659	11	1222	1292	1312	1472	1493	1630	Ref elev rev from log	
1276	3713	12	1225	1296	1312	1496	1520	1667		
1277	3687	0	1180	1236	1258	1385	1415	1535		
1278	3551	8	862	923	945	1050	1078	1206		
1279	3666	8	1200	1260	1285	1355	1386	1520		
1280	3629	9	1170	1230	1250	1365	1387	1508		
1281	3671	11	1187	1260	1278	1453	1472	1623	Ref elev rev from log	
1282	3694	12	1206	1282	1298	1483	1506	1657		
1283	3676	11		1290	1308	1507	1527	1675	Ref elev rev from log	
1284	3700	8	1215	1281	1302	1475	1495	1635		
1285	3692	12	1205	1275	1293	1475	1498	1653	Ref elev rev from log	
1286	3663	8	1200	1263	1282	1425	1448	1567		
1287	3689	11	1193	1262	1280	1453	1475	1623		
1288	3669	11	1210	1282	1300	1490	1512	1655		



ID No.	Reference Elevation	KB (ft)	Depth (ft) to top of units						Revisions
			49'r	Mag	Tam	Cul	uim	Sal	
1289	3630	8	1183	1233	1252	1355	1387	1505	
1290	3695	8	1207	1276	1295	1496	1526	1670	Ref elev rev from log
1291	3689	0	1210	1280	1296	1493	1517	1680	
1292	3664	11	1206	1278	1297	1495	1517	1673	
1293	3636	11	1160	1240	1260	1485	1507	1657	
1294	3704	10	1260	1340	1355	1600	1622	1772	
1295	3722	11	1270	1350	1367	1588	1612	1757	
1296	3715	12	1268	1350	1367	1590	1615	1773	
1297	3722	11	1230	1310	1328	1545	1568	1710	
1298	3726	9	1290	1370	1387	1610	1635		
1299	3711	13	1230	1310	1327	1550	1571	1732	
1300	3720	13	1233	1310	1330	1550	1573	1735	
1301	3713	13	1222	1296	1313	1530	1553	1710	
1302	3703	11	1225	1303	1320	1541	1568	1720	
1303	3713	25	1285	1364	1385	1610	1634	1790	
1304	3701	12	1280	1358	1376	1597	1620	1785	
1305		11	1252	1333	1349	1577	1600	1760	
1306	3683	8	1268	1343	1360	1582	1606	1770	
1307	3659	0	1310	1395	1415	1650	1672	1815	
1308	3533	0	988	1066	1084	1310	1330	1469	
1309	3555	19	1095	1182	1200	1425	1455	1605	
1310	3425	14	912	984	1006			1275	
1311	3490	22	944					1400	
1312	3515	0	1625	1708	1723	1888	1903	2030	
1313	3494	9	1655	1725	1740	1885	1900	2020	
1314		0	1393	1437	1446	1570	1577	1663	
1315	3468	0		1625	1635	1824	1837	1950	
1316	3459	0	1593	1672	1683				
1317	3324	0	1143	1176	1188	1244	1252	1337	
1318	3383	0	1262					1493	
1319	3317	0	1090	1130	1137	1192	1200	1287	
1320	3317	0	1047	1086	1097	1154	1165	1228	
1321	3282	11	1365	1410	1418	1522	1531	1620	
1322	3320	9	1168	1214	1219	1329	1340	1435	
1323	2968	10							
1324	2984	0							
1325		6							
1326		0							
1327		4							
1328		6							
1329	2969	28							
1330	2941	11							
1331	2997	18							
1332	2924	11	450					696	
1333	3447	12	370			470	493	660	
1334	3179	11							
1335	3433	0	400	467	492	589	614		
1336	3429	12	473	552	572	650	675	840	



ID No.	Reference Elevation	KB (ft)	Depth (ft) to top of units						Revisions
			49r	Mag	Tam	Cul	ulm	Sal	
1337	3266	5							
1338	3502	23	853	912	935	1065	1095	1250	
1339	3500	9	676	750	762	852	880	1010	
1340	3432	2		578	600	696	725	835	
1341	3436	10	485	553	573	688	715	832	
1342	3406	0	465	535	565	665	687	791	
1343	3414	10	453	522	545	648	675	812	
1344	3430	28	455	528	548	658	680	805	
1345	3438	23	478	550	573	700	720	826	
1346	3535	11	600	670	692	790	810	960	
1347	3528	13	768	826	850	986	1010	1130	
1348	3553	13	762	819	843	936	959	1098	
1349	3553	4	665	730	755	850	873	1025	Ref elev calc from log
1350	3514	10	576	645	667	780	795	915	
1351	3530	11	605	670	690	800	820	965	
1352	3490	12	530	597	619	729	750	895	
1353	3535	11	693			792	813	923	
1354	3551	12	695	755	775	872	895	1017	
1355	3502	23	595						
1356	3508	25	628	702	722	828	855	1010	
1357	3620	10	1183	1252	1269	1410	1433	1562	
1358	3623	12							
1359	3632	11	1185	1239	1255	1348	1371	1500	
1360	3631	11	1172	1238	1255	1388	1408	1533	
1361	3584	8	888	947	965	1090	1116	1246	
1362	3628	10	1088	1138	1161	1248	1270	1394	
1363	3615	11							
1364		8							
1365	3637	14							
1366	3637	12							
1367	3637	11	1192	1247	1264	1352	1372	1504	
1368	3640	11	1157	1210	1227	1352	1378	1502	
1369	3606	11							Loc rev from geoph log
1370	3600	10	1204	1254	1270				
1371	3605	9	1130	1201	1220	1347	1370	1495	Ref elev rev from log
1372	3586	0	1187	1238	1260	1352	1371	1503	
1373	3599	9							
1374	3628	8	1132	1184	1204	1295	1315	1445	
1375	3588	10	1122	1182	1200	1283	1308	1437	
1376	3591	9	1130	1190	1210	1301	1323	1456	
1377	3624	10	1142	1199	1218	1309	1327	1453	
1378	3606	10	1122	1180	1198	1287	1306	1438	
1379	3591	10	1110	1158	1180	1275	1298	1428	
1380	3602	12	1025	1083	1102	1191	1208	1340	
1381	3622	10	1065	1126	1145	1239	1258	1396	
1382	3608	11	1052	1106	1122	1213	1235	1368	
1383	3605	10	1070	1132	1151	1243	1265	1400	Ref elev rev from log
1384	3618	12	998	1053	1072	1165	1188	1312	



ID No.	Reference Elevation	KB (ft)	Depth (ft) to top of units						Revisions
			49r	Mag	Tam	Cul	ulm	Sal	
1385	3607	11	1060	1114	1132	1222	1243	1375	
1386	3604	10	1062	1120	1140	1226	1248	1383	
1387	3602	11	1066	1125	1140	1225	1246	1384	
1388	3591	9	1047	1100	1118	1201	1223	1362	
1389	3609	8	1093	1150	1170	1261	1284	1415	
1390	3605	10	1088	1148	1168	1253	1275	1412	
1391	3589	11	1008	1063	1082	1174	1197	1323	
1392	3554	19	746	806	829	928	953	1070	
1393	3510	10	830	890	910	1002	1025	1145	
1394	3519	11	881	940	960	1052	1075	1190	
1395	3524	12	906	962	980	1070	1090	1239	
1396	3625	19	1278	1367	1382	1600	1632	1806	
1397	3606	8	1187	1255	1272	1452	1475	1635	
1398	3598	8	1174	1246	1265	1445	1467	1612	
1399	3603	10	1204	1257	1276	1440	1465	1595	
1400	3590	11	1184	1257	1273	1452	1475	1635	
1401	3636	10	1203	1270	1290	1468	1490	1647	
1402	3547	14	1225	1295	1310	1462	1485	1620	
1403	3578	11	1194	1270	1287	1465	1486	1630	
1404	3637	8	1215	1291	1308	1520	1542	1700	
1405	3598	11	1245	1330	1347	1600	1613	1785	
1406	3554	10	1190	1250	1267	1385	1409	1540	
1407	3592	11	1205	1282	1297	1485	1503	1676	
1408	3540	11	1140	1212	1228	1335	1357	1495	
1409	3594	12	1220	1289	1309	1502	1527	1735	
1410	3502	11	1186	1259	1275	1458	1481	1621	
1411	3525	10	1146	1206	1224	1314	1332	1492	
1412	3556	10	1070	1120	1138	1240	1260	1410	
1413	3524	11	1063	1122	1141	1228	1250	1392	
1414		11	1163	1230	1243	1513	1535	1695	
1415	3447	10				995	1012	1125	
1416	3567	19	1045	1122	1139	1368	1392	1537	
1417	3619	19	1185	1263	1282	1517	1540	1690	
1418	3630	0	1245	1327	1345	1573	1598	1760	
1419	3570	18	1134	1215	1230	1455	1482	1660	
1420	3488	33	835	900	920	1005	1025	1085	
1421	3378	19	820	890	905	1040	1062	1186	
1422	3295	9	1155	1197	1210	1311	1320		
1423	3156	0	1202					1482	
1424	2997	19							
1425	2985	2				147	182	340	
1426	2921	2							
1427	2923	9							
1428	3118	17	670					945	
1429	3041	1						775	
1430	3078	16	680					905	
1431	3044	0	175					530	Ref elev rev from log
1432	2990	2	115					414	

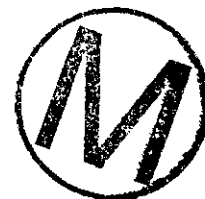


ID No.	Reference Elevation	KB (ft)	Depth (ft) to top of units					Sal	Revisions
			49r	Mag	Tam	Cul	ulm		
1433	2936	12							
1434	2945	12	260					393	
1435	3333	9					816	923	
1436	3273	13	848	915	937	1029	1041	1096	
1437	3283	12	888					1014	
1438	3222	9				560	597	760	Grnd el from topo; ref is +9ft
1439	3210	11	970			1078	1094	1255	Ref el from log; topo differs
1440	3200	11	745					915	Ref el rev from geoph log; ?DUP 1439
1441	3197	10	678					790	
1442	3210	10	970					1100	
1443	3192	0	699			820	848	880	Ref el from topo; KB not given
1444	3282	2	900					1235	
1445	3317	14	780	799	809	878	900	1050	
1446	3210	11	595					786	
1447	3219	9	640					898	
1448	3207	11	440	502	524	613	638		
1449	3217	7							
1450	3209	11	498	560	584	663	686	829	
1451	3186	10	725	782	797	886	908	1075	
1452	3192	11	1050					1205	
1453	3207	11	1053			1360	1375	1542	
1454	3209	12	880					1100	
1455	3203	10	756			820		942	
1456	3184	8	608					840	
1457	3204	8	675					915	
1458	3252	5	1178	1194	1208	1270	1283	1373	
1459	3336	11	1165			1243	1275		
1460	3476	21	715			842	870	1012	
1461	3348	2	820	890	915	1010	1032	1123	
1462	3358	8	360	427	450	560	588	697	
1463	3319	9	1325					1622	
1464	3486	11	803	863	882	978	1004	1127	
1465	3461	10	790	855	875	983	1006	1160	Grnd el 3451 from topo map
1466	3461	9	756	820	848	940	967	1104	
1467	3460	11	782	845	866	973	996	1122	
1468	3472	10	787	847	868	965	993	1130	
1469	3478	10	792	850	872	968	993	1127	
1470	3480	19	791	853	872	972	999	1140	
1471	3477	9	780	840	862	964	990	1125	
1472	3464	9	785	848	868	968	993	1118	
1473	3454	0	774	833	854	962	987	1123	Grnd el 3454 from topo, no KB
1474	3459	10	794	860	880	982	1007	1140	Grnd el 3449 from topo map
1475	3455	10	780	845	865	963	988	1120	Grnd el 3445 from topo map
1476	3458	10	793	858	878	980	1005	1147	Grnd el 3448 from topo map
1477	3470	11	793	850	872	972	993	1140	
1478	3410	10	837	899	923	1021	1044	1177	Loc rev from SW1/4, SE1/4
1479	3468	10	808	876	905	991	1013	1140	
1480	3445	11	762	825	848	949	972	1103	





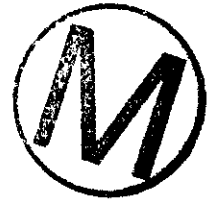
ID No.	Reference Elevation	KB (ft)	49'r	Depth (ft) to top of units					Sal	Revisions
				Mag	Tam	Cul	ulm			
1481	3454	11	787	852	875	976	998	1132		
1482	3455	8	773	840	862	962	982	1133		
1483	3427	10	765	828	848	953	982	1137		
1484	3451	10	787	854	875	985	1003	1158	Grnd el 3441 from topo, +KB	
1485	3438	10	782	843	863	968	992	1145	Grnd el 3428 from topo, +KB	
1486	3451	11	780	843	865	963	993	1144		
1487	3453	10	780	845	867	966	990	1140	Grnd el 3443 from topo, +KB	
1488	3453	10	792	858	878	983	1008	1158	Grnd el 3443 from topo, +KB	
1489	3441	11	776	841	862	942	965	1138		
1490	3447	10	769	834	855	962	983	1137		
1491	3443	10	787	854	875	982	1003	1165		
1492	3441	10	780	846	867	973	995	1150	Grnd el 3431 from topo; +KB	
1493	3421	9	695	758	779	902	927	1095		
1494	3444	9	763	827	850	960	983	1140		
1495	3423	10	743	805	823	915	938	1098		
1496	3439	9	769	833	856	955	980	1137		
1497	3437	11	745	810	832	942	960	1120		
1498	3426	12	715	778	800	898	922	1077		
1499	3458	11	766	828	852	962	984	1157		
1500	3411	10	697	765	786	895	918	1075		
1501	3434	11	742	813	835	940	961	1110		
1502	3444	13	760	822	844	952	972	1128		
1503	3434	9	727	795	816	936	960	1115		
1504	3433	9	772	833	852	953	976	1125		
1505	3443	8	768	836	855	961	983	1130	Ref el rev from log	
1506	3431	20	607	668	692	803	822	940		
1507	3438	16	643	705	727	836	857	1015		
1508	3394	13	730	790	812	905	932	1086		
1509	3403	11	740	811	834	938	967	1115	Grnd el 3392 from topo, +KB	
1510	3398	19	747	800	822	931	958	1117		
1511	3396	12	726	787	810	916	938	1100		
1512		0	726	792	813	927	953	1106	Grnd el 3400 from log, no KB	
1513	3414	12	713	784	803	907	934	1097		
1514	3406	11	737	802	823	943	966	1116		
1515	3413	13	752	815	835	947	975	1125		
1516	3422	10	738	806	826	941	967	1125		
1517	3404	13	775	842	863	962	985	1148		
1518	3382	13	755	812	835	943	962	1112		
1519	3400	11	756	816	836	952	978	1132		
1520	3404	11	707	770	792	894	917	1073		
1521	3408	9	692	756	776	877	905	1062		
1522	3421	12	720	782	806	918	943	1109		
1523	3428	9	730	804	828	945	970	1130		
1524	3430	11	768	845	865	948	973	1128		
1525	3409	13	746	810	832	930	957	1117	Ref elev rev from log	
1526	3419	10	748	812	835	942	966	1130	Grnd el 3409 from topo, +KB	
1527	3419	9	738	800	825	933	959	1115		
1528	3411	10	747	810	832	935	960	1117		



ID No.	Reference Elevation	KB (ft)	49'r	Depth (ft) to top of units					Sal	Revisions
				Mag	Tam	Cul	nlm	Sal		
1529	3421	9	770	825	860	953	977	1142		
1530	3414	10	750	816	837	950	973	1130		
1531	3429	11	748	808	834	930	955	1085		
1532	3430	10	773	838	861	970	993	1155		
1533	3391	11	755	823	845	960	988	1130		
1534	3392	10	785	856	875	984	1008	1170		
1535	3388	9	738	802	822	930	953	1118		
1536	3375	10	900	958	977	1072	1097			
1537	3398	10	782	850	870	960	985	1140		
1538	3386	9	813	875	895	993	1018	1178		
1539	3382	10	818	875	895	993	1018	1175		
1540	3386	10	768	832	855	960	987	1148		
1541	3414	10	868	930	950	1040	1063	1230		
1542	3370	11	957	1023	1042	1140	1166	1335		
1543	3356	9	923	988	1012	1100	1132	1310		
1544	3366	11	1142	1202	1224	1315	1347	1485		
1545	3311	2	1072	1132	1150	1242	1270	1417		
1546	3307	10	1075	1130	1153	1238	1263	1412		
1547	3349	11	935	995	1020	1128	1155	1297	Ref el rev from log	
1548	3332	9	1055	1116	1142	1250	1277	1440		
1549		0	1045	1112	1128	1225	1250	1405	DF 3354 log; grnd el 3346 from topo	
1550	3490	10	1200	1255	1268	1506	1530	1673		
1551	3478	11	1106	1168	1186	1258	1292	1433		
1552	3456	11	1065	1120	1140	1259	1285	1428		
1553	3424	11	1138	1195	1213	1372	1395	1550		
1554	3497	8	985	1038	1057	1150	1180	1312		
1555	3431	10	1012	1077	1095	1183	1210	1347		
1556		0	1042	1098	1117	1207	1232	1374		
1557	3392	34	1006	1075	1092	1184	1209	1335		
1558	3353	11	1060	1114	1130	1227	1250	1410		
1559	3358	9	1045	1117	1136	1283	1310	1463		
1560	3342	12	1047	1105	1127	1258	1285	1435		
1561	3332	11	1045	1108	1125	1210	1237	1395		
1562	3320	12	1023	1082	1098	1213	1237	1387		
1563	3353	10	975	1038	1053	1143	1170	1315		
1564	3344	11	1002	1056	1074	1167	1188	1339		
1565	3422	9	995	1060	1083	1171	1196	1385		
1566	3386	12	742	800	824	927	951	1096		
1567	3332	0	875	927	945	1042	1067	1192		
1568	3391	13	900	956	971	1070	1096	1224		
1569	3325	7	965	1025	1045	1170	1197	1334		
1570	3346	11	1038	1102	1117	1250	1277	1432		
1571	3346	12	1023	1085	1104	1260	1287	1437		
1572	3339	0	852	905	925	1083	1119	1265		
1573	3163	10	917					1095		
1574	3143	1	1030					1290		
1575	3123	0	870	912	920	980	990	1068		
1576	3115	10	873	913	919	979	992	1065		



ID No.	Reference Elevation	KB (ft)	Depth (ft) to top of units						Sal	Revisions
			49r	Mag	Tam	Cul	nim	Sal		
1577	3087	0	790	830	838	906	915	973		
1578		0								
1579	3012	4								
1580	2965	10	200				263	375		
1581	2975	11	315			452	477	600		
1582	2978	8	700				858			
1583	2993	8	502	570	594	682	718	790		
1584	2953	8					238	388		
1585	2964	14						512		
1586	2912	7					190	330		
1587	2900	12					240	360		
1588	2972	9								
1589	2875	9								
1590	2892	10						414		
1591	3201	1	1260	1320	1347	1440	1462	1545		
1592	3165	10	1304	1375	1402	1502	1530	1632		
1593	3179	9	1046	1115	1133	1225	1257		Ref el 3179, 3180 from log	
1594	3059	8	815			948	978	1162		
1595	3090	10								
1596	3210	10	950	1012	1037	1125	1165	1294		
1597	3059	9								
1598		9	455			688	711	850		
1599	2982	10								
1600	3220	0	1021	1080	1103	1209	1234	1300	topfmr revised 9/27/94	
1601		0	1003	1044	1068	1147	1178	1267		
1602	3238	9	1000	1050	1062	1078	1103	1202		
1603	3225	32								
1604		0	920			1093	1115	1245		
1605	3282	11	1388	1445	1460	1542	1567	1685		
1606	3177	10	589	650	667	768	798	956	Loc rev from NE1/4, SE1/4	
1607	3180	0	1280	1335	1350	1453	1467	1595		
1608	3133	11	583	643	662	770	794	963		
1609	3122	11	625	687	708	828	855	1020		
1610	3113	11	623	684	702	830	847	1006		
1611	3130	11	633	698	717	852	874	1034		
1612	3122	11	600	665	682	805	825	987		
1613	3132	11	587	653	672	792	813	967	Ref el rev from log	
1614	3124	11	590	648	664	780	802	967		
1615	3134	12	593	656	676	798	816	975	Grnd el 3122 from topo, +KB	
1616	3130	19	623	690	708	824	848	1005		
1617	3131	9	595	670	687	807	828	994		
1618	3113	11	540	600	620	745	765	930		
1619	3264	10	740	808	826	930	956	1095		
1620	3122	11	659	727	746	876	897	1055		
1621	3414	10	856	915	926	1052	1084	1235		
1622	3392	11	744	810	830	943	972	1115		
1623	3332	0	635	699	714	833	862	1005		
1624		9	1054	1102	1117	1152	1168	1203		



ID No.	Reference Elevation	KB (ft)	Depth (ft) to top of units						Revisions
			49r	Mag	Tam	Cul	ulm	Sal	
1625		0	983	1034	1045	1145	1156	1265	
1626	3013	0	932	972	981			1163	
1627	3032	0	970			1082	1102	1194	
1628	3853	17	1905	1983	2002	2202	2217	2331	
1629	3741	26	1422	1503	1523	1716	1737	1878	
1630	3480	0	692	748	773	859	885		
1631	3659	9	1164	1225	1248	1467	1490	1638	
1632	3572	22	1155	1210	1230	1340	1362	1467	
1633	3645	11	922	986	1008	1112	1137	1227	
1634	3094	12	266					594	
1635	3612	24	1322	1403	1422	1648	1673	1840	
1636	3506	20	1170	1226	1242	1392	1416	1550	
1637	2968	8						240	
1638	3456	11							
1639	3726	12	1212	1288	1308	1533	1558	1708	
1640		2	400	520	545	722	753	1105	
1641	3410	0	532	590	616	703	724	842	Data from BDR SAND89-0203
1642	3384	0	509	564	591	706	731		Data from BDR SAND89-0204
1643	3413	0	506	571	594	689	713	821	Data from BDR SAND89-0204

All drillholes within the Rustler data base were included, even if parts or all of the Rustler were uninterpretable. Drillhole location, names, and other data are presented in tables of Rustler location data and can be cross-indexed with the identification number.





## **APPENDIX A-4**

### **TABLE OF DATA FOR DEPTHS TO DEWEY LAKE AND SANTA ROSA FORMATIONS**

**Table of Data for Depth to Dewey Lake and Santa Rosa Formations**

Borehole ID no.	Reference Elevation	Rustler Fm	DEPTH (in feet) to Top of:		
			Dewey Lake	Santa Rosa	"Chinle"
1072		480	130	0	0
1074	3448	828	520	355	
1075		1121	625	400	
1076	3510	883	450	230	
1077		1163	730	520	
1078		1372	905	690	
1079	3524	1103	635	415	100
1080	3509	1076	610	370	
1090	3412	187	90		
1091	3471	200	70		
1092	3472	255	40		
1093	3468	445	50		
1094	3487	830	620	510	10
1095		312	60		
1096	3309	146	30		
1099	3177	152	79		
1102	3347				
1103	3427	449	0		
1104	3540	538	72	17	
1105	3748	1505	1035	805	310
1106	3792	1550	1065	830	345
1107	3793	1568	1050	820	455
1108	3740	1530	1040	750	400
1109	3668	1345	840	565	
1110		1162	625	440	
1111	3800	1450	855	615	360
1112	3862	1565	985	825	
1113	3861	1515	1030	800	
1114	3834	1555	1055	790	
1115	3679	1056	580		
1118	3662	670	115		
1119		778	250		
1120	3802	1760	1275	1015	355
1137	3023				
1138	2977				
1141	3221	275	40		
1142	3323	401	44		
1143	3212	232	17		
1144	3358	387	42		
1145	3376	462	8		
1147	3152	12			
1148		395	20		
1149	3418	641	120		
1150	3439	676	174	42	
1151	3433	657	154	11	



Borehole ID no.	Reference Elevation	Rustler Fm	DEPTH (in feet) to Top of:		
			Dewey Lake	Santa Rosa	"Chinle"
1152	3249	639	141	15	
1153	3541	668	177	35	
1154	3553	780	261	6	
1155	3508	732	224	8	
1156	3510	734	225	8	
1158	3405	517	80		
1159	3484	641	168	30	
1160	3472	623	146	12	
1161	3345	426	38		
1162	3349	427			
1163	3382	468	41		
1164	3457	614	140	8	
1165	3426	574	80		
1166	3417	559	73	40	
1167	3433	590	96	14	
1168	3420	550	63	54	
1169	3506	746	224	9	
1170	3546	759	232	8	
1172	3479	626	87	9	
1173	3508	686	151	8	
1174	3441	610	99	8	
1175	3473	668	133	46	
1176	3478	690	164	38	
1177	3398				
1178	3345	357	35		
1179	3377	457	32		
1180	3395	509			
1181	3345	359	40		
1182	3354	358	18		
1183	3310	232	32		
1184	3409	557	162	36	
1185	3409	562	66	11	
1186	3644	860	394		
1187	3731	950	450	90	
1188	3701	885	530		
1189	3696	900	395		
1190	3620	760	240	10	
1191	3640	835	330		
1192	3487	870	330	37	
1193	3789	1048	513		
1194	3756	1145	625		
1230	3163	87	57		
1237	3426	310	110		
1238		623	62		
1239	3339	382	46		
1240	3336	391	38		

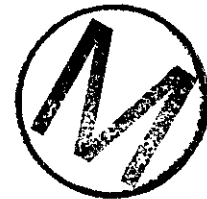


Borehole ID no.	Reference Elevation	Rustler Fm	DEPTH (in feet) to Top of:		
			Dewey Lake	Santa Rosa	"Chinle"
1241	3335	315			
1242	3332	312	45		
1244	3323	316	32		
1245		742	190		
1247	3425	621	70		
1248		476	64		
1249	3374	460	44		
1250		763	215	25	
1251	3461	775	210	135	
1252	3506	865	620		
1253	3454	750	190		
1254	3464	758	630		
1255	3458	750	120		
1256	3402	497	140		
1259		430	50		
1260		780	215		
1261	3727	1155	542	400	
1262	3699	1140	582	370	
1263	3723	1195	655	390	
1264	3722	1178	637	370	
1265	3622	1025	480	275	
1266	3696	1210	665	445	
1267	3699	1217	670	465	
1268	3701	1163	615	405	
1269	3720	1225	693	450	
1270	3725	1235	700	535	
1271	3700	1208	655	480	
1272	3720	1212	660	360	
1273	3698	1225	673	455	
1274	3705	1215	665	448	
1275	3658	1222	670	452	
1276	3713	1225	670	446	
1277	3687	1180	630	408	
1278	3551	862	330		
1279	3666	1200	640	420	
1280	3629	1170	630	445	
1281	3670	1187	635	408	
1282	3694	1206	640	420	
1283	3675		590	360	
1284	3700	1215	655	413	
1285	3691	1205	655	445	
1286	3663	1200	655	430	
1287	3689	1193	625	395	
1288	3669	1210	652	430	
1289	3630	1183	640	460	
1290	3694	1207	660	440	
1291	3689	1210	727		





Borehole ID no.	Reference Elevation	Rustler Fm	DEPTH (in feet) to Top of:		
			Dewey Lake	Santa Rosa	"Chinle"
1292	3664	1206	650	420	
1293	3636	1160	637	365	
1294	3704	1260	790	496	
1295	3722	1270	740	504	
1296	3715	1268	730	506	
1297	3722	1230	700	475	
1298	3726	1290	745	525	
1299	3711	1230	695	455	
1300	3720	1233	695	470	
1301	3713	1222	690	440	
1302	3703	1225	690	445	
1303	3713	1285	700		
1304	3701	1280	705	500	
1305		1252	705	480	
1306	3686	1268	715	490	
1307	3659	1310	735	540	
1332	2924	450	20		
1333		370	205		
1335	3433	400	155	65	
1338	3502	853	290		
1341	3436	485	30		
1342	3406	465			
1343	3414	453	70		
1344	3430	455	70		
1345	3438	478	145		
1346	3535	600	155		
1347		768	210		
1348		762	250		
1349	3553	665	235		
1350	3514	576	120		
1351	3530	605	95		
1352	3490	530	165	85	
1353	3535	693	145		
1354	3551	695	165		
1355	3502	595	150		
1356	3508	628	270		
1357	3620	1183	635	455	
1359	3632	1185	615	435	
1360	3631	1172	555	380	
1361	3584	888	350	140	
1362	3628	1088	580	405	
1367	3637	1192	635	425	
1368	3640	1157	595	380	
1370	3600	1204	635	410	
1371		1130	590	350	
1372	3586	1187	605	390	
1374	3628	1132	520	375	
1375	3688	1122	510	305	



Borehole ID no.	Reference Elevation	Rustler Fm	DEPTH (in feet) to Top of:	
			Dewey Lake	Santa Rosa "Chinle"
1376	3591	1130	510	295
1377	3624	1142	585	370
1378	3606	1122	585	315
1379	3591	1110	500	260
1380	3602	1025	475	240
1381	3622	1065	495	265
1382	3608	1052	490	315
1383	3604	1070	505	305
1384	3618	998	450	225
1385	3607	1060	485	300
1386	3604	1062	490	305
1387	3602	1066	495	280
1388	3591	1047	475	270
1389	3609	1093	520	340
1390	3605	1088	505	295
1391		1008	440	
1392		746	360	
1393	3510	830	295	
1394	3619	881	425	305
1395		906	405	
1396	3625	1278	820	650
1397	3606	1187	630	410
1398	3598	1174	635	405
1403	3578	1194	620	390
1404	3637	1215	635	410
1405	3598	1245	670	445
1406	3554	1190	605	395
1407	3592	1205	620	385
1408	3540	1140	555	315
1410	3502	1186	585	355
1411	3525	1146	570	345
1412	3556	1070	475	265
1413	3524	1063	495	265
1414		1163	665	340
1436	3273	848	570	
1437	3283	888	485	
1440	3199	745	405	
1441	3197	678	350	
1443	3190	699	365	
1444	3282	900	400	200
1445	3317	780	360	220
1446	3210	595	360	195
1447	3219	640	280	
1448		440	230	
1450		498	230	
1451	3186	725	470	380
1452	3192	1050	705	
1453	3207	1053		



Borehole ID no.	Reference Elevation	Rustler Fm	DEPTH (in feet) to Top of:		
			Dewey Lake	Santa Rosa	"Chinle"
1454	3209	880	330		
1455		756	300	190	
1456	3184	608	265		
1457	3204	675	375		
1458	3252	1178	595	305	
1459		1165			
1460	3476	715	345		
1461	3348	820	285		
1463	3319	1325	660	390	
1464	3486	803	280		
1465		790	250		
1466	3461	756	225		
1468	3472	787	260		
1471	3477	780	255		
1472	3464	785	255		
1473		774	240		
1474		794	250		
1477	3470	793	260		
1478	3410	837	300		
1479	3468	808	270		
1480	3445	762	210		
1481	3454	787	230		
1482	3455	773	215		
1486	3451	780	235		
1487		780	240		
1488		792	210		
1491	3443	787	240		
1492		780	225		
1495	3423	743	210		
1496	3439	769	220		
1499	3458	766	185		
1500	3411	697	215		
1501	3434	742	190		
1502	3444	760	215		
1503	3434	727	210		
1506	3431	607	190		
1507	3438	643	225		
1508	3394	730	220		
1509		740	145		
1512		726	215		
1513	3414	713	220		
1514	3406	737	170		
1515	3413	752	190		
1517	3404	775	195		
1522	3421	720	165		
1524	3430	768	210		
1526		748	160		
1527	3419	738	160		



Borehole ID no.	Reference Elevation	Rustler Fm	DEPTH (in feet) to Top of:		
			Dewey Lake	Santa Rosa	"Chinle"
1528	3411	747	185		
1529	3421	770	200		
1530		770	140		
1531	3429	748	190		
1532	3430	773	175		
1533	3391	755	235		
1534	3392	785	215		
1535	3388	738	175		
1536	3375	900	225		
1537	3398	782	215		
1538	3386	813	255		
1539	3382	818	255		
1540	3386	768	205		
1541	3414	868	315		
1542	3370	957	385	125	
1543	3356	923	410	360	
1544	3366	1142	560		
1545	3311	1072	565	330	
1546	3307	1075	585	380	
1547	3348	935	350		
1548	3332	1055	700		
1549	3354	1045	450		
1550	3490	1200	580	320	
1551	3478	1106	525	270	
1552	3456	1065	460	255	
1553	3424	1138	530	270	
1554	3497	985	425	165	
1555	3431	1012	410	165	
1556		1042	430	200	
1557	3392	1006	385	180	
1558	3353	1060	465	230	
1559	3358	1045	445	205	
1560	3342	1047	455	255	
1561	3332	1045	410	200	
1562	3320	1023	520	225	
1563	3353	975	382	190	
1564	3344	1002	410	180	
1565	3422	995	390	200	
1566	3386	742	150		
1567	3332	875	285		
1568	3391	900	360	160	
1569	3325	965	360	165	
1570	3346	1038	445	220	
1580		200	20		
1581		315	130		
1582		700	220		
1591		1260	815	695	
1592		1304	845	755	



Borehole ID no.	Reference Elevation	Rustler Fm	DEPTH (in feet) to Top of:		
			Dewey Lake	Santa Rosa	"Chinle"
1593		1048	530		
1594	3059	815	135		
1596		950	700	530	150
1598		605	455		
1600		1021	450	275	
1601		1003	605	445	
1602		1000			
1604		920	575	385	
1605	3282	1388	815	550	
1606	3177	589	50		
1607	3180	1280	860	685	
1608	3133	583	80		
1609	3122	625	85		
1611	3130	633	80		
1612	3122	600	95		
1613	3131	587	75		
1614	3124	590	95		
1615		593	85		
1616	3130	623	100		
1617	3131	595	80		
1618	3113	540	95		
1619	3264	740	125		
1620	3122	659	75		
1628		1905	1415	1160	190
1629		1422	895	670	
1630		693	170	90	
1631		1164	636		
1632		1155	560		
1633		922	460		
1634		266	55		
1635		1322	750	520	80
1636		1170	670		
1639		1212	670		
1640		400	245	150	
1641	3410	532	52		37
1642	3384	509	55		22
1643	3413	506	20		8



Drillhole locations, names, and other data are presented in tables of Rustler location data and can be cross-indexed with the identification number.