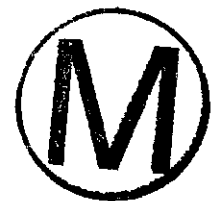




## **Appendix B**

# **APPENDIX B**

## **RUSTLER FORMATION STRATIGRAPHIC DATA FROM RICHEY (1989)**



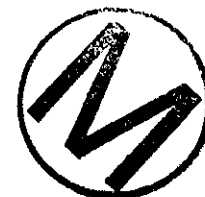


## **APPENDIX B-1**

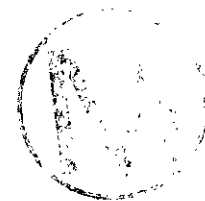
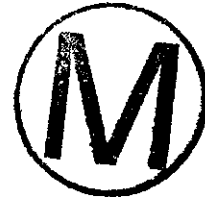
### **DRILLHOLE NAME AND LOCATION DATA FROM RICHEY (1989)**

## Drillhole Name and Location Data from Richey (1989)

FFG No.	Location Data			Distance from		Drillhole Name**	Revision
	T.	R.	Sec.	section line			
001	20	33	3	660s	660w	Fed. Trigg #1	
002	20	33	3	658n	660e	Fed. "Lea" #2-3	
004	20	33	7	660s	1980e	Brooks 7 Fed. #3	
005	20	33	10	330s	330e	Anderson Pritchard Fed. #1	
006	20	33	11	660s	660w	#1 Fed. 11	
007	20	33	14	2310n	990w	Fed. #4	
008	20	33	14	990s	2310w	Fed. C-1	
009	20	33	14	1980n	1650w	Fed. #3	
010	20	33	14	2310s	1980w	Fed. #1B	
011	20	33	14	660n	660w	Fed. #1A	
012	20	33	15	660n	660e	Fed. #1	
013	20	33	16	660n	1980e	St. Lea (886) #2	
014	20	33	18	1980n	660w	Welsh-St. #2	
015	20	33	19	2005n	1880w	Bass Fed. No. 1	
016	20	33	22	1980s	660e	"Wills" Fed. TA #1	
017	20	33	23	330n	1980e	Fed. Lindsey #1	
018	20	33	24	330s	330e	Dinnin #2	
019	20	33	26	660s	660w	Hudson Fed. #1	
020	20	33	30	1980n	1980w	#1 Bass Fed.	
021	20	33	30	660s	1300e	Bass Fed. #2	
022	20	33	31	660s	1980e	St. of New Mexico CM No. 1	
023	20	33	33	1980s	660w	#1 Aztec Fed.	
024	20	33	34	660s	1980e	Fed. "34" - #1	
025	20	33	35	660n	1980e	Shell Fed. #1	
026	20	33	35	660n	1980w	Shell Fed. #1	
027	20	33	35	1650n	990w	R.R. Morrison C & E Fed. #1	
028	19	35	5	1980n	1980w	Jackson #1	
029	19	35	12	1980s	1980w	W.M. Snyder #1	
030	19	35	15	330s	660e	Cabot St. #2	
031	19	35	17	1980s	1980e	Gulf Roberts #1	
032	19	35	19	990s	660w	Superior-Alves Trustee #1	
033	19	35	21	660s	1980e	McIntosh D #3	
034	19	35	24	1650n	660w	Texaco-Hamon St. A-1	
035	19	35	25	1980n	668e	Record No. 2	
036	19	35	29	2310n	990w	St. "PK" #1	
037	19	35	34	660n	660w	St. W.M.A. #1	
038	19	35	36	1980n	1980w	St. "PJ" #1	
039	20	32	10	330n	990w	Perry Fed. #1	
040	20	32	13	660s	1980w	Hanson St. #1	
041	20	32	15	1980s	1980w	Plata Deep Unit #1	
042	20	32	16	2310n	2310w	St. Little Eddy Unit #16	
043	20	32	21	1980s	660w	Big Eddy Unit #1-21	
044	20	32	23	1980s	1980w	Baetz "23" #1	
045	20	32	25	660s	660e	Audie Richards #1	



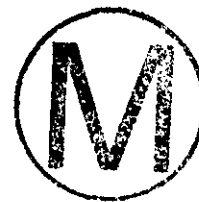
FFG No.	Location Data			Distance from section line		Drillhole Name**	Revision
	T.	R.	Sec.				
046	20	32	36	1976n	660e	St. of New Mexico "CH" No. 1	
047	20	34	14	660s	1980e	Fed. Hanson B No. 1	
048	20	34	18	1980s	1980e	Fed. #1	
049	20	34	21	660s	660e	Muse No. 2	
050	20	34	26	330s	330w	Cruces No. 1	
051	20	34	27	330s	1650e	Fed. Keohone "A" No. 1	
052	20	34	27	330s	330e	Fletcher No. 2	
053	20	34	34	1650n	2310w	Lynch No. "A"-9	
054	20	34	34	660s	1980e	B.V. Lynch "A" No. 5	
055	20	34	34	1650s	660e	B.V. Lynch "A" No. 8	
056	20	34	34	1980n	1980e	Lynch "A" No. 11	
057	20	34	34	660n	1980w	B.V. Lynch "A" No. 10	
058	20	34	35	1650s	990w	Lynch A-7	
059	20	34	35	1650s	2310e	Neal No. 1	
060	20	34	35	990n	1650w	Fed. #4	
061	20	34	35	990n	990w	Fletcher No. 1	
062	20	35	3	670n	1980w	Linam 1	
063	20	35	5	1980s	330e	#8 Fed. Saunders	
064	20	35	6	660n	660e	Featherstone Fed. No. 1	
065	20	35	12	660n	660e	Leonard St. #1	
066	20	35	13	660n	660w	St. 13 #1	
067	20	35	17	1980s	660e	Hudson Fed. #1	
068	20	35	23	660n	660w	U.S.A. West Monument #1	
069	20	35	28	660s	660w	Phillips St. #1	
070	20	35	30			Sunray St. No. 1	
071	19	32	6	1980n	1980e	W.H. Peckham No. 1	
072	19	32	13	990s	990e	W.E. Bondurant #3	
073	19	32	13	2310n	330e	W.E. Bondurant #2	
074	19	32	13	2310s	330e	W.E. Bondurant #1	
075	19	32	15	1980n	660e	#8 Plains Unit	
076	19	32	16	660s	660w	Humble St. #1	
077	19	32	18	1980n	990e	Middleton Fed. "A" #1	
078	19	32	19	1980n	2310e	Southern Calif. Pet. Corp. No. 1	
079	19	32	21	1650s	990w	Atlantic No. 1	
080	19	32	33	660n	660w	Boellner Fed. No. 2	
081	19	32	25	330n	330e	Fed. Big Circle #1	
082	19	32	34	1980s	660e	Fed.-Boellner #1	
083	19	33	8	1980s	660w	USA Culbertson Irwin #1	
084	19	33	18	1980s	2035w	Fed. 18 No. 5	
085	19	33	18	2130n	689w	Fed. 18 No. 1	
086	19	33	18	2310s	330w	Fed. 18 No. 7	
087	19	33	21	660n	1980w	Bright Fed. No. 1	
088	19	33	22	1980s	495e	Miller-Fed. #1	
089	19	33	24	800s	330w	Donohue #1	
090	19	33	26	660s	1980w	Bates Fed. #1	
091	19	33	29	330s	1980e	Fed. No. 1	



FFG No.	Location Data			Distance from		Drillhole Name**	Revision
	T.	R.	Sec.	section line*			
092	19	33	29	660n	660w	Fed. Carder #1	
093	19	33	30	660n	1980e	Signal Ross #1	
094	19	33	30	1980n	2004w	Signal Ross Fed. #2	
095	19	33	3	2082n	1980w	Buffalo Unit #1	
096	19	34	5	330n	660w	Fed. Littlefield "EA" #1	
097	19	34	7	1980n	1980e	Mescalero Unit #1	
098	19	34	12	660n	660w	U.S. Smelting St. #1	
099	19	34	13	2310s	330w	Atlantic Richfield #1	
100	19	34	15	330s	330w	Gulf Fed. #1	
101	19	34	25	1980s	660w	Superior Fed. #4	
102	19	34	28	990s	2310w	Fed. #1	
103	19	34	30	2310s	330w	Drlg. & Exploration Gillespie No. 1-"B"	
104	19	34	36	660s	330e	Pure St. #1	
105	21	30	25	1098s	969w	Wills-Crosby #1	
106	21	30	26	983n	1361w	Wills-Crosby #2	
107	21	30	26	660s	1980w	James "D" #1	
108	21	31	31	264n	471w	Wills #7	
109	21	31	32	300n	2540w	FC-63 (Kerr McGee)	
110	21	31	32	141s	141e	FC-68 (Kerr McGee)	
111	21	31	34	250n	2207e	FC-52 (Kerr McGee)	
112	21	31	34	100s	100w	FC-65 (Kerr McGee)	
113	21	31	34	141n	160w	FC-69 (Kerr McGee)	
114	22	30	1	990s	1980w	Cabana #1	rev'd 974s, 1976w w/log data
115	22	30	2	660s	2011e	James "A" #1	
116	22	30	3	693n	977e	Duval #96	
117	22	30	3	1320s	300e	USB&C #168	
118	22	30	4	50n	650e	Gypsy Oil Co. #3	
119	22	30	9	315s	291w	USPC #97A	
120	22	30	9	1320n	2600w	USB&C #163	
121	22	30	9	2406n	578w	IMC #322	
122	22	30	9	1485s	650w	IMC #343	
123	22	30	10	1883n	2574e	Duval #82	
124	22	30	11	1976n	1981e	James "E" #1	
125	22	30	11	1247s	1301w	D-121	
126	22	30	13	1574n	1566w	D-120	
127	22	30	14	136s	2178e	D-48	
128	22	30	21	109s	81e	Duval #33	
129	22	30	21	1320n	2640e	IMC #111	
130	22	30	21	1320s	1320w	IMC #112	
132	22	30	27	2664s	2625e	Duval #181	
133	22	30	27	38s	2643w	Duval #198	
134	22	30	27	500s	20w	Duval #200	
135	22	30	27	2370s	224e	Duval #231	
136	22	30	36	2463s	1124w	D-160	
137	22	30	36	660s	2006e	James Ranch #1	
138	22	31	6	1173s	1147w	U-134 (Miss. Chem. Corp.)	



FFG No.	Location Data			Distance from section line*		Drillhole Name**	Revision
	T.	R.	Sec.				
139	22	31	6	1978n	660w	Campana #1	
140	22	31	8	143s	249e	FC-92 (Kerr McGee)	
141	22	31	8	154s	37w	FC-82 (Kerr McGee)	
142	22	31	9	107n	91e	NF-1 (Kerr McGee)	
143	22	31	34	2022s	1978w	Fed. Cotton Baby #1	
144	23	29	1	2763s	2964e	Duval #29	
145	23	29	1	528s	528w	IMC I-184	
146	23	29	1	1320n	1320e	IMC I-263	
147	23	29	4	1255n	1374e	Arco #9	
148	23	29	12	2600n	700e	Shell Oil Co. #17 (Dogtown # )	
149	23	29	13	2100n	300e	Shell Oil Co. #21 (Dogtown #15)	
150	23	29	15	202n	2524e	Duval #8	
151	23	29	15	1160n	3276e	Duval #14	
152	23	29	17	660s	1980w	Teledyne *17* #1	
153	23	29	24	300n	300e	Shell Oil Co. #19 (Dogtown #13)	
154	23	29	25	200n	2500e	Shell Oil Co. #22 (Dogtown #16)	
155	23	29	27	660s	1980w	Laguna Grande #2	
156	23	29	28	1380s	990e	#1 Laguna Grande Unit	
157	23	29	35	1900s	100e	A-29	
158	23	29	36	1800s	1200e	A-31	
159	23	30	1	1834n	1978w	Hudson Fed. #1	
160	23	30	1	1973s	1648e	James Ranch Unit #3	
161	23	30	2	101s	1169w	Duval #1	
162	23	30	2	143n	112w	Duval D-31	
163	23	30	2	2655n	2655e	Duval D-179	
164	23	30	17	2505n	317w	Shell Oil Co. #6 (Dogtown #1)	
165	23	30	19	2244n	2096e	Duval #10	
166	23	30	24	1980n	660w	Sandy Unit #1	
167	23	30	26			USGS #22	
168	23	30	28	175s	232w	Duval #4	
169	23	30	29	261n	261e	Shell Oil Co. #7 (Dogtown #2)	
170	23	30	30	215n	2300w	Shell Oil Co. #20 (Dogtown #14)	
171	23	30	31	2640n	1750e	Arco #24	
172	23	30	32	1411n	2510e	Shell Oil Co. #23 (Dogtown #17)	
173	23	30	36	2150n	3090w	Leonard ?????? #1-S	
174	24	28	2	1980s	660w	Malaga *A* #1	
175	24	29	3	2030n	2310w	Weiner & McDonald Kerr #1	
176	24	29	4	1327s	1321e	Arco core test #13	
177	24	29	19	480n	330w	Bun #1	
178	24	29	27	660s	660w	Mobil Fed. *27* #1	
179	24	29	29	1980s	660w	Ellis Fed. 1-X	
180	24	30	2	200s	200w	Shell Oil Co. #16 (Dogtown #11)	
181	24	30	5	1147n	406e	Shell Oil Co. #11 (Dogtown #6)	
182	24	30	6	1990n	2185w	Arco #8	
183	24	30	9	2001n	2001e	Shell Oil Co. #8 (Dogtown #3)	
184	24	30	11	316s	390w	Shell Oil Co. #12 (Dogtown # )	



FFG No.	Location Data			Distance from section line		Drillhole Name**	Revision
	T.	R.	Sec.				
185	24	30	15	200n	200w	Shell Oil Co. #13 (Dogtown # )	
186	24	30	16	150n	2590e	Shell Oil Co. #24 (Dogtown #18)	
187	24	30	18	460n	660e	Poker Lake Unit #45	
188	24	30	20	100n	1320w	Southern Production Co. core test #6	
189	24	30	23	1606n	2294e	Shell Oil Co. #9 (Dogtown #4)	
190	24	30	23	660s	660w	Shugart Fed. 23 #1	
191	24	30	25	660s	660w	Bass Fed. #1-25	
192	24	30	27	336n	270e	Shell Oil Co. #10 (Dogtown # )	
193	24	30	29	660s	660e	Fed. Nettles (?) #1	
194	24	31	2	1980n	1980w	#1-2 Todd Fed.	rev'd 1945w to 1980w w/log data
195	24	31	3	660s	660e	Jennings Fed. #1	
196	24	31	4	660n	660e	Stewart Fed. #1	
197	24	31	4	1659n	2310w	Bestly (?) Fed. #1	
198	24	31	5	330n	330e	USGS potash core test #13	
199	24	31	6	1098n	2193e	Shell Oil Co. #15	
200	24	31	6	1980n	1980w	Dunes (?) Unit Fed. #1	
201	24	31	7	660s	660e	Fed. "Y" #1	
202	24	31	11	2531n	178e	Shell Oil Co. #4 (Fed. G-NM #4)	
203	24	31	11	660n	1980e	Fed. Littlefield "CT" #1	
204	24	31	13	1980s	1980e	1-13 Fed.	
205	24	31	17	660n	660e	Continental Fed. #1	rev'd 740e to 660e w/log data
206	24	31	18	660s	660e	Ritchie Fed. #1	
207	24	31	20	660n	660e	Jennings Fed. #1	
208	24	31	20	660s	1980w	Poker Lake #40	
209	24	31	21	660n	660e	Carper Fed. #1-21	
210	24	31	21	660s	660w	Poker Lake Unit #43	
211	24	31	28	660s	660e	Poker Lake #36	
212	24	31	24	660s	1980e	Heflin Fed. #1	
213	24	31	33	2310n	2313e	Ramley (?) #1	
214	24	31	35	1980s	660w	Cotton Draw Unit #67	
215	25	30	1	660n	660e	Poker Lake Unit #2	
216	25	30	4	1980n	1980w	R&B Fed. #1	
217	25	31	2	100n	1500w	Dog Town #2	
218	25	31	2	1980n	1980e	Cotton Draw Unit #65	FFG 602 eliminated as duplicate
219	25	31	10	1980n	1980e	Pauley & Harrison #2	
220	25	31	12	660n	660w	Pauley & Harrison #1	
221	25	31	15	780n	1230w	Pauley & Harrison PH-1	
222	25	31	28	660n	660w	Poker Lake Unit #7-A-3	
223	25	31	35	660s	660w	Del Basin #1	
224	21	32	1	330n	1380e	Sheperd #1	
225	21	32	1	3255n	1972e	ETZ Fed. #1	
226	21	32	1	660s	1980w	Fed. #1	
227	21	32	2	660s	1980e	#1 Hat Mesa "A"	
228	21	32	2	3300n	660w	Pubco Fed. #1	
229	21	32	3	660s	1980e	#1 TSS Fed. Comm.	
230	21	32	3	3300s	1980w	New Mexico Fed. "B" #1	





FFG No.	Location Data			Distance from		Drillhole Name**	Revision
	T.	R.	Sec.	section line*			
231	21	32	4	1980n	1980e	New Mexico Fed. "A" #2	
232	21	32	4	3300s	1980w	New Mexico Fed. "D" #1	
233	21	32	4	1683n	1650w	New Mexico Fed. #1	
234	21	32	5	4650s	1980w	New Mexico Fed. "F" #1	
235	21	32	5	3300s	660e	New Mexico Fed. "E" #1	
236	21	32	6	3371n	2072w	Aid Fed. #1	
237	21	32	9	1980n	1980e	Halfway Fed. #1	
238	21	32	10	1980n	1980e	Government "H" Com. #1	
239	21	32	11	660s	660e	Fed. 1	
240	21	32	11	1980n	1980e	Hat Mesa #1	
241	21	32	12	1980s	660w	Fed. HM "12" #1	
242	21	32	21	660n	660w	Salt Lake South Unit #1	
243	21	32	26	1980n	660e	San Simon #1	
244	21	32	35	1980n	1980w	Chaney Fed. #1	
245	21	33	9	1980n	660e	South Lynch #1	
246	21	33	11	660n	640w	Mobil St. #2	
247	21	33	13	660s	1880e	New Mexico St. #1	
248	21	33	13	1980s	1980e	Berry St. #1	
249	21	33	15	1980s	1980e	Stock Unit #1	
250	21	33	18	660s	1980e	Eaves Unit #1	
251	21	33	24	660s	660e	St. SLA #1	
252	21	33	32	1980s	1980w	St. "LT" #1	
253	21	33	33	1980n	660e	#1 R.F. Legget	
254	21	33	34	1980n	660w	R.F. Legget "A" No. 1	
255	21	33	35	660n	660w	No. 1 Amarada St.	
256	21	34	2	1980s	1980e	"F" St. #1	
257	21	34	5	1980s	660w	Berry "5" St. Com. No. 1	
258	21	34	13	660n	660e	Shell St. No. 10	
259	21	34	16	660s	990e	Shell St. "A" No. 2	
260	21	34	24	2310n	1650w	St. "P" No. 5	
261	21	34	24	990s	2310e	St. #33	
262	21	34	31	660s	750w	Mascho Unit Well #1	
263	21	34	32	660s	1980e	Shamrock St. #1	
264	23	32	9	660s	1980e	Continental Fed. #1-9	
265	23	32	15	1980n	1980e	Fed. Continental 1-15	
266	23	32	24	660s	660e	Fields Fed. No. 1	
267	23	33	32	660n	1980e	Humble St. #1-32	
268	23	33	35	660s	660w	St. 1-35	
269	23	34	30	660s	3300e	Bell Lake Unit #2	
270	23	34	27	660s	1980w	Harris Fed. #1 (#1 Antelope Ridge Unit)	
271	23	34	26	660s	1980w	St. "FO" #1	
272	22	32	31	660n	1980e	Perry Fed. #1-31	
273	23	32	7	510n	660e	Fed. "WL" #5-7	
274	22	32	14	660s	1980w	#2 Red Tank Unit	
275	22	32	15	1980s	1980e	#1 Connally Fed.	
276	22	32	17	1980s	1980e	Fed. 1-17	



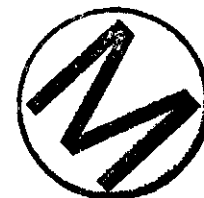
FFG No.	Location Data			Distance from section line		Drillhole Name	Revision
	T.	R.	Sec.				
277	22	32	18	660s	660e	Fed. Jennings #1-18	
278	22	32	19	660s	660e	Bass Fed. #1	
279	22	32	20	1980n	1980e	#1 Fed.	
280	22	32	22	1980n	660w	Fed. Red Tank Unit #1-22	
281	22	32	25	660n	1980w	Covington "A" Fed. #1	
282	22	32	36	330n	1980w	Shell et al Bootleg Ridge Unit #1	
283	22	33	1	660n	1980e	Cotter Fed. No. 1	
284	22	33	4	2310s	800w	Reed Fed. #1	
285	22	33	5	660s	330e	Richardson-Bass St. No. 1	
286	22	33	7	660s	660w	St. "K" #1	
287	22	33	7	1980s	1980e	S.S.T. St. #7-1	
288	22	33	9	660n	660w	Hudson Fed. No. 1	
289	22	33	15	1980s	1980e	Getty Fed. "15" No. 1	
290	22	33	20	1980n	660w	Conoco Fed. #1	
291	22	33	32	660s	660w	Shell St. #1-B	
292	22	33	33	660n	660e	Phillips St. #1"	
293	22	33	34	660s	1980e	#1 Humble St.	
294	22	34	1	1980s	660w	St. "AR" #1	
295	22	34	2	660s	1980w	New Mexico St. BU #1	
296	22	34	3	1650n	660w	#1 St. GRA	
297	22	34	4	2310n	2310w	#4 Fed. "GR"	
298	22	34	7	660s	660w	Bell Lake Unit #8	
299	22	34	8	660s	1980e	New Mexico St. "AE" No. 1	
300	22	34	22	330n	330e	Jacque Ann #1	
301	22	34	26	1980s	660e	Merchant "B" #1	
302	22	35	1	660s	660w	Jalmat Deep #1	
303	22	35	3	660n	660w	Donegan St. No. 1	
304	22	35	9	1980s	1980w	Humble St. #1	
305	22	35	14	660n	1700w	Jalmat Water Supply #2	
306	22	35	16	1980n	1980e	North Rock Lake Unit #1	
307	22	35	17	660n	660e	Shell St. #1	
308	22	35	20	1980n	660e	Carper Aztec No. 1	
309	22	35	23	660s	1980w	St. Nix #1-23	
310	22	35	25	1980n	660w	Cone Jalmat Yates Pool Unit Tract 8 - #5	
311	22	35	28	1980s	660w	Rock Lake Unit #1	
312	22	35	35	660s	660w	Gulf St. 1-A	
313	22	32	6	1980n	660e	Fed. "CK" Com. #1	
314	22	32	13	660s	660e	B & H Fed. #1 (Texico-Weaver)	
315	23	32	3	1980n	660e	Fed. #1	rev'd 1969n to 1980n w/log data
316	23	32	11	1980n	1980e	Matthews "11" #1	
317	23	32	18	1980n	660e	Fed. Sand 18-1	
318	23	32	20	660s	1980e	Fed. Estill AF-1	
319	23	32	21	660n	1980w	Gulf-Fed. "A-A" #1	
320	23	32	25	990n	2310w	Wehrli-Fed. #1	
321	23	32	25	990s	330w	Fields No. 2	
322	23	32	26	330s	330e	Fed. "WL" #3-26	rev'd 660e to 330e w/log data



FFG No.	Location Data			Distance from		Drillhole Name**	Revision
	T.	R.	Sec.	section line			
323	23	32	26	660s	1980w	Fed. Field #1	
324	23	32	28	660n	1980w	Continental Fed. No. 1	
325	23	32	31	660s	660w	Hankamer No. 1 Continental Fed.	
326	23	32	33	1980n	660e	Holder Fed. #1	
327	23	32	34	1980s	330e	Fed. "K" No. 1	
328	23	32	35	1650n	2310e	Fed. WL #1-35	
329	23	32	36	1980n	660w	Gulf St. #1	
330	23	32	36	1980s	1980e	Brinninstool Deep Unit #1	
331	23	33	4	660s	660e	Continental Fed. #1-P	
332	23	33	6	330s	330e	Shell Fed. #1-6	
333	23	33	7	660s	660w	Fed. 7 Well #1	
334	23	33	17	660s	660w	Teraco St. No. 1	
335	23	33	18	660s	660w	#1 "A" Shell St.	
336	23	33	19	1980s	1910w	Marshall #19-2	
337	23	33	20	660s	660e	Levick Fed. #1	
338	23	33	31	660n	660e	Lea St. #1	
339	23	33	35	1980n	660e	8104 JVP Hat No. 1	
340	23	33	36	1980s	660e	Bell Lake Unit 1 #18	
341	23	34	1	660s	660w	Allan Hargrave #1 St.	
342	23	34	6	660s	1980e	Bell Lake Unit #6	
343	23	34	10	1560n	1830w	#1Y Fed. "AA"	
344	23	34	15	330s	330e	No. 1 Hall/ Hall-Fed. #1	
345	23	34	18	1980s	1980w	Bell Lake #9	
346	23	34	19	1980n	1980w	Bell Lake Unit #10	
347	23	34	22	1980n	1980e	North Antelope Ridge Unit #1	
348	23	34	23	660s	1980w	St. 23 Comm #1	
349	23	34	25	660s	1980w	St. R #1	
350	23	34	26	660n	1980w	St. "EO" #1	
351	23	34	31	330s	2970e	Bell Lake Unit-1-A St.	
352	23	34	31	660s	3300e	Bell Lake Unit #1	
353	23	34	32	1980s	1650w	Bell Lake Unit #17	
354	23	34	35	990n	1980w	St. AR #1	
355	20	27	1	2310n	2310w	Mary Jane No. 1	
356	20	27	13	1980n	1980w	Donahue No. 1	
357	20	28	5	1980s	660w	Wright Fed. No. 1	
358	20	28	15	1980n	660e	#1 Trigg Fed.	
359	20	28	26	2310s	330w	Connally #1	
360	20	28	30	1980n	660w	No. 1 Sun St.	
361	20	29	1	660n	1980e	Superior Fed. #2	
362	20	29	3	1980n	660e	Lambie Fed. #1	
363	20	29	4	660n	1980w	#1-X Fed.	
364	20	29	7	330s	330e	Yates Fed. #2	
365	20	29	9	1980n	660e	Lambie Fed. No. 1	
366	20	29	10	990n	990e	Jennings Fed. No. 1	
367	20	29	11	2310s	2310w	#1 McKee	
368	20	29	12	330s	990w	McKee Fed. No. 1	



FFG No.	Location Data			Distance from section line		Drillhole Name**	Revision
	T.	R.	Sec.				
369	20	29	13	1470n	1170w	Texaco Fed. No. 2	
370	20	29	13	660n	1980w	#1 Texaco Fed.	
371	20	29	13	660n	2310e	#1 Union	
372	20	29	14	2310s	2310e	Texaco No. 1	
373	20	29	16	660n	1980w	Fed. "X" #1-16	
374	20	29	17	660s	660e	#1 Yates Fed.	
375	20	29	18	660n	1980e	Yates Fed. #1	
376	20	29	25	330n	330w	Nicholas #1	
377	20	29	28	1650s	1650e	Pauline Trigg Fed. No. 1	
378	20	29	30	1980n	990e	Stebbins Fed. Deep #1	
379	20	29	31	330n	2310e	Yates Petroleum Corp. No. 1	
380	20	29	32	660s	660e	No. 1 Yates Fed.	
381	20	29	36	1980s	660w	#1 Zachary	
382	20	29	36	2080s	1880e	Golden Lane "36" Fed. #1	
383	20	30	1	660s	1980e	#1-1 Fed. "PA"	
384	20	30	5	1980n	1980w	Continental Fed. #1	
385	20	30	22	1980s	1980e	#1 Fed.	
386	22	28	2	1650n	1650w	Ford No. 2	
387	20	30	28	330s	1980w	Fed. No. 7	
388	20	30	28	1980n	1980w	USA Emperor Oil Co. #1	
389	20	30	31	1980n	760e	Lowe Fed. #1	
390	20	30	32	660n	330e	Eddy St. "BD" No. 1	
391	20	30	32	1980n	330e	Eddy St. "BD" No. 2	
392	20	30	33	1650n	990e	Gulf Fed. #1	
393	20	31	4	660s	660e	Big Eddy Unit 33	
394	20	31	6	660s	660e	#3 Big Eddy Unit	
395	20	31	7	1650s	660e	Big Eddy Unit #11	
396	20	31	30	330s	330e	Big Eddy Unit #1-30	
397	21	28	1	4620s	1980e	#1 Cowan	
398	21	28	2	3300s	660w	St. #1	
399	21	28	3	3630s	2310e	#1 Cowan	
400	21	28	5	1565n	1985w	Big Eddy Unit #13	
401	21	28	7	660n	660w	#1 Richardson & Bass	
402	21	28	12	1980s	660e	Big Eddy Unit No. 36	
403	21	28	15	660s	660w	Big Eddy Unit #32	
404	21	28	20	1980s	1980e	Big Eddy Unit No. 60	
405	21	28	27	660s	660e	Fed. "GN" #1	
406	21	28	29	1180s	1980w	Big Eddy Unit #54	
407	21	28	29	1980n	1980e	Big Eddy No. 39	
408	21	28	30	1750s	1750e	#2 Nix & Yates Fed.	
409	21	28	30	1650n	1650w	#1 Nix-Yates Fed.	
410	21	28	31	535s	660w	Big Eddy Unit #31	
411	21	28	33	560s	660w	Richardson Bass Fed. No. 1	
412	21	28	35	990n	1650w	Big Eddy #59	
413	21	28	35	1980n	1980w	Big Eddy #47	
414	21	28	35	330s	2310w	Big Eddy Unit #62	



FFG No.	Location Data			Distance from section line*		Drillhole Name**	Revision
	T.	R.	Sec.				
415	21	28	35	1650s	330w	Big Eddy Unit #49	
416	21	28	35	1980n	2310e	Big Eddy Unit #56	
417	21	28	35	2310s	1650w	Big Eddy #58	
418	21	29	3	1980n	1980w	Big Eddy Unit #18	
419	21	29	4	4620s	1980w	Cowden Fed. #1	
420	21	29	4	838n	1650w	#1 Hudson Fed.	
421	21	29	5	630n	1980e	#1 Trigg Fed. "AA"	
422	21	29	5	1980n	660e	#1 Harris Bell	
423	21	29	5	2825n	2310w	#1 Harris Fed.	
424	21	29	6	3147n	660e	Harris "6" #1	
425	21	29	18	1980s	1980e	Big Eddy Unit #16	
426	21	29	19	660s	660e	Big Eddy Unit #55	
427	21	29	21	660s	660e	#1 Nix-Hall	
428	21	29	22	1980n	1980e	Big Eddy Unit No. 40	
429	21	29	34	660n	1980w	Big Eddy Unit No. 38	
430	21	30	16	1908n	751e	Big Eddy 45-Y	
432	21	30	35	1980s	660w	James "C" #1	
433	22	28	2	330n	2310w	Ford St. No. 1	
434	22	28	7	330s	794w	Old Indian Draw Unit #16	
435	22	28	7	330s	1650w	Old Indian Draw Unit #14	
436	22	28	7	2324n	2330e	Old Indian Draw Unit #33	
437	22	28	18	2310n	2150w	Old Indian Draw No. 7	
438	22	31	1	530s	330w	SCL Fed. #1	
439	22	28	18	2002s	1721w	Old Indian Draw No. 6	
440	22	28	18	660s	1980e	Old Indian Draw #2	
441	22	28	18	1980s	1980e	#1 Old Indian Draw Unit	
442	22	28	19	660n	1973w	Old Indian Draw Unit #17	
443	22	28	21	1980n	1980e	Pecos Irrigation #1	
444	22	28	22	1980n	1980w	Big Chief #1	
445	22	28	25	1980s	1980e	Big Eddy Unit #43	
446	22	28	27	1980n	1980w	Little Squaw #1	
447	22	28	29	660s	990w	C.R. Lopez "A" #1	
448	22	28	29	2210s	1980w	City of Carlsbad #1	
449	22	28	30	990s	330w	Nichols "HV" #1	
450	22	28	30	2310n	990e	Harroun #1	
451	22	28	31	900n	1650e	Eastland Brantley #1	
452	22	28	31	990n	330e	Gourley Fed. #3	
453	23	31	2	660n	660e	St. AA 2 #1	
454	23	31	6	1957n	1973e	James Ranch Unit #7	
455	23	31	11	660s	660e	Bauerdorf-Fed. #1	rev'd 330e to 660e w/log data
456	23	31	14	1980s	1980w	Todd Fed. "14" No. 1	
457	23	31	16	1980s	1980w	Arco St. #1-16	
458	23	31	21	660s	660e	Muse-Fed. #1	
459	23	31	25	1980n	1970w	#1-Z Todd "25" Fed.	
460	23	31	26	1980n	1650e	Todd "26" Fed. #2	
461	23	31	26	1980n	1980e	Todd Fed. "26" No. 1	



FFG No.	Location Data			Distance from section line		Drillhole Name**	Revision
	T.	R.	Sec.				
462	23	31	27	1980s	660w	Wright-Fed. #1	
463	23	31	32	660n	660w	Continental St. No. 1	
464	23	31	33	660n	1980e	Wright-Fed. #3	
465	23	31	33	1980n	660w	Wright-Fed. #2	
466	23	31	36	660s	660w	Pauley Harrison St. #1	
467	23	35	8	2310n	330w	Fed. SR #1-8	
468	23	35	9	1980s	1980e	Sand Well Unit #1	
469	23	35	12	1980n	1980w	#1 Fed. "F"	
470	23	35	14	660n	1983e	Ann Davis #1	
471	23	35	17	660n	660e	St. Henry #1-17	
472	23	35	28	660n	1980w	North Custer Mountain Unit #1	
473	23	35	36	660n	660w	St. "D" #1	
474	24	32	1	1980s	660w	Continental Fed. #1-L	
475	24	32	2	1980n	660e	Ohio St. No. 1	
476	24	32	6	660n	1980e	Bondurant Fed. No. 1	
477	24	32	10	1980s	1980e	Fed. Hanagan D #1	
478	24	32	11	1980s	1980e	Fed. Hanagan D #2	
479	24	32	11	1980n	1980w	Fed. Hanagan D-4	
480	24	32	12	1980n	660w	Hanagan Fed. No. 3	
481	24	32	13	660s	660e	Woolley #1	
482	24	32	14	660n	1980w	#1 USA Jennings	
483	24	32	15	660s	1980w	Hicks-Fed. #1	
484	24	32	22	1980n	990e	Bradley #2	
485	24	32	22	1980s	1980e	Bradley #1	
486	24	32	23	1980n	660w	Ernest Fed. #1	
487	24	32	23	1650n	330w	Exxon A Fed. No. 2	
488	24	32	24	330n	330w	Bon Durant Fed. No. 1	
489	24	32	25	1980n	1980w	Fed. "BM" #1	
490	24	32	29	1980n	660w	#1 Payne	
491	24	32	30	1980n	1980e	Paduca Fed. #1	
492	24	32	33	660s	660e	Cotton Draw Unit Well #72	
493	24	32	34	1980s	1980w	#69 Cotton Draw Unit	
494	24	32	34	660s	1980w	Cotton Draw Unit #74	
495	24	32	35	660s	660w	Fed. Del Basin #1	
496	24	33	1	1980n	1980e	#5 Bell Lake Unit	
497	24	33	7	660s	660e	St. #1-7	
498	24	33	8	660n	660w	New Mexico St. A.G. 1	
499	24	33	13	1980n	660e	Holland #1	
500	24	33	17	660n	1980e	Holly-St. #1	
501	24	33	20	660s	1980w	St. "BB" 20 No. 1	
502	24	33	22	1980n	660w	St. #1	
503	24	33	27	1980s	1980w	Sunray St. #1	
504	24	33	29	660s	1980e	St. "AP" #1	
505	24	33	30	330n	330w	Continental St. #1	
506	24	33	31	1980s	660e	Continental St. #1	
507	24	33	36	660n	660e	#1 Lea St. "GX"	



FFG No.	Location Data			Distance from		Drillhole Name**	Revision
	T.	R.	Sec.	section line*			
508	24	34	2	1980s	1980w	St. "2" #2	
509	24	34	3	1980n	1980e	Antelope Ridge #6	
510	24	34	4	660n	1650e	Fed. "BE" #1	
511	24	34	6	660n	3300e	Bell Lake Unit No. 3	
512	24	34	10	1980n	1980e	Alexander #1	
513	24	34	11	660n	1980w	Madera Comm. #1	
514	24	34	13	660s	660w	Fed. Johnson #1	
515	24	34	17	1980s	1980e	Government M #1	
516	24	34	21	660n	1980e	Shell-Fed. "B" #1	
517	24	35	5	1980n	1980w	Wilson Fed. Com. #1	
518	24	35	8	1980s	1980e	Fed. "CR 8" #1	
519	24	35	9	1980s	1980w	Custer Mountain Unit Fed. #1	
520	24	35	10	660n	660w	Lea St. "GB" #2	
521	24	35	10	1980n	1650w	Cinta Roja "10" No. 1	
522	24	35	12	1980n	1980w	Fields #1	
523	24	35	13	1980s	660e	Peggy M. Baetz No. 1	
524	24	35	15	1980n	1980e	Lea St. "GB" #1	
525	24	35	13	660n	1980e	Luzon Fed. #1	
526	19	30	5	1980n	330w	#3 Perkins "AD"	
527	19	30	13	660s	1980e	C & I Fed. #1	
528	19	30	14	2310n	330e	#1 Southern California Petroleum	
529	19	30	16	2310n	990e	St. No. 1	
530	19	30	20	660s	1980w	#1 Kelly Fed.	
531	19	30	23	2310n	990e	Union Fed. #3	
532	19	30	24	1980s	330w	Fed. Holder #1	
533	19	30	24	1705s	1650w	Fed. "CR" No. 4	
534	19	30	24	1650s	2310e	C.R. Holder #5	
535	19	30	24	2310n	660w	Fed. Holder "CR" No. 3	
536	19	30	24	940s	1725w	Fed. Holder "CR" No. 6	
537	19	30	24	990s	330w	Fed. Holder "CR" No. 2	
538	19	30	24	990s	2310e	Fed. Holder "CR" #7	
539	19	30	25	1980n	1650e	Lebow Fed. No. 7	
540	19	30	25	660n	660e	Lebow Fed. No. 5	
541	19	30	25	990s	660e	Lebow Fed. No. 10	
542	19	30	25	660s	660w	Lebow Fed. No. 12	
543	19	30	28	990s	330w	Yates Fed. "A" No. 1	
544	19	30	29	990s	990e	Lane #1	
545	19	30	30	660s	1980e	Fed. Yates #1	
546	19	30	31	660s	660w	Fed. "B" #1	
547	19	30	32	330n	2310w	Lowe St. #1	
548	19	30	36	1650s	1650e	Aikman Stanolind St. #1	
549	25	29	3	660n	660e	Superior Fed. #1-3	
550	25	29	8	660s	660e	Superior Fed. #1	
552	25	29	15	660s	660w	Superior Fed. 15 No. 1	
556	25	29	27	660s	660w	Superior Fed. #1-27	
559	25	29	31	1980s	660e	#1 Slater	



FFG No.	Location Data			Distance from section line		Drillhole Name**	Revision
	T.	R.	Sec.				
561	26	31	1	660s	1980e	#1 Ruth Ross "O"	
562	26	31	9	660s	660w	Buckles Fed. No. 1	
563	26	31	11	1980s	660e	Bavendorf #1	
564	26	31	15	660s	660w	Fed. No. 1-15	
565	26	31	17	1980s	660e	Phantom Banks Unit Fed. 17 #1	top Rustler 302.5, not 332.5
566	26	31	20	660s	660w	Hanson Fed. No. 1	
568	26	31	25	330s	330w	Hanson #1	
569	26	31	25	1650s	330w	Hanson #3	
570	26	31	34	330n	330e	Hanson #2	
572	25	30	4	660s	660w	#1 Hopp Fed.	
575	25	30	7	660n	660w	Carper Hanson Superior St. No. 1	
577	25	30	8	1980s	660w	Poker Lake St. #3	
580	25	30	8	1980n	660e	Superior St. #1	
582	25	30	9	660s	660w	Richardson & Bass Fed. #1	
583	25	30	10	660s	645w	Poker Lake Unit #5X-1A	
584	25	30	10	2030n	2180e	Poker Lake #44	
585	25	30	12	1980n	1980w	Shugart Fed. No. 1	
586	25	30	14	1980n	660w	Poker Lake Unit #10A-6	
589	25	30	17	660s	660w	Poker Lake Unit #11A-7	
593	25	30	20	1980s	660w	Continental Fed. #2	
594	25	30	21	660n	660w	Poker Lake #6-2A	
595	25	30	21	1980s	660e	Poker Lake Unit #4	
596	25	30	22	1980s	660w	#3 Poker Lake Unit	
599	25	30	30	660s	660w	#1-30 Superior Fed.	
600	25	30	35	1980n	660e	Marshall Fed. #1	
601	25	30	35	660s	660w	Richardson & Bass Fed. No. 1	
602	25	31	2	1980n	1980e		Data dropped; Same as FFG218
606	25	31	35	660n	1980e	Big Sinks Fed. Unit #1	
607	25	35	5	660s	660w	Fed. Mounsey "B" #1	
608	25	35	6	460n	660w	Mounsey Fed. #1	
609	25	35	7	660n	660w	Mounsey "A" Fed. #1	
610	25	35	18	660s	660w	McCormick #1	
611	25	35	20	1980n	660w	Fed. Mounsey "C" #1	
612	25	35	22	660s	660w	Elliott Fed. #1	
613	25	35	26	660s	660e	Harper Fed. #1	
614	26	29	1	660s	1980e	Continental Fed. #1	
615	26	29	2	660n	660e	St. #1	
617	26	29	6	660s	660w	Ashland Fed. #1	
618	26	29	11	660s	660e	Hanson "A" #1	
620	26	29	13	1980s	1980w	Gulf Fed. #1	
621	26	29	13	1980s	660w	Gulf Fed. "B" #5	
624	26	29	14	660n	660w	Booth Fed. #1	
627	26	29	19	300n	2096e	Baker Fed. No. 1	
628	26	29	22	1980s	1980w	Ashland Fed. #1	
629	26	29	23	660s	660w	Fed. Boothe E #1	
630	26	29	24	660n	1980e	Gulf-Fed.-Beatty #2	





FFG No.	Location Data			Distance from section line		Drillhole Name**	Revision
	T.	R.	Sec.				
631	26	29	24	660n	660w	Gulf-Beatty No. 1	
637	26	29	34	949n	1660e	Fed. Littlefield "BO" #1	?= #1590 (F34) in Appendix A
638	26	30	2	660s	660w	Sinclair St. No. 1-2	
639	26	30	3	660s	660w	Scott Fed. #1	
640	26	30	4	660n	660w	Fed. K.W. No. 1	
642	26	30	6	660s	660w	No. 1 Brunson Fed.	
643	26	30	12	660s	660e	Monteray Blaydes #1	
644	26	30	16	660s	660e	St. #1	
645	26	30	18	660s	660w	#1 AT Fed.	
647	26	30	20	2310n	330w	U.S.A. #1	
648	26	30	24	1980n	1980w	#1-24 Strat Test	
652	19	31	2	330n	2310e	St. No. 2	
653	19	31	3	2310s	1980e	Hanson Fed. No. 2	
654	19	31	4	660n	990e	Carper Fed. No. 1-A	
655	19	31	4	760n	1980w	South Shugart Deep Fed. Unit #1	
656	19	31	4	1650n	2310e	Carper Welch #2	
657	19	31	5	330n	330w	Pan American Fed. #1	
658	19	31	5	2310n	2310e	Pan American Fed. #1-X	
659	19	31	6	990s	330e	Hodges Fed. #1	
660	19	31	6	330n	330w	Featherstone Fed. No. 1-B	
661	19	31	9	1980s	1980e	Continental Fed. No. 1	
662	19	31	11	660s	1980w	General Energy Corp. Fed. #1	
663	19	31	11	1980n	1980w	Gulf Oil Corp. #1 Holder "CT" Fed.	
664	19	31	13	1980s	2310w	H.L.J. "13" Fed. Comm. #1	
665	19	31	15	1980n	660w	Robert A. Dean & Jack McCellan #1 Fed. #15	
666	19	31	16	660s	1980w	Gulf St. #1	
667	19	31	17	660n	660e	Ross-Fed. #1	
668	19	31	18	660s	660w	Holt Fed. #1	
669	19	31	19	1980s	1980e	Tidewater "FE" #2	
670	19	31	20	990s	2310w	Sun Fed. #1	
671	19	31	20	660n	1980w	English Fed. #2	
672	19	31	20	330s	1980e	English Fed. #1	
673	19	31	20	1980s	990w	Sun-Fed. #2	
674	19	31	21	330s	330w	Tenneco #2-21	
675	19	31	23	1980n	660e	Jones Fed. #1	
676	19	31	23	1980n	1980w	Jones Fed. No. 2	
677	19	31	28	330n	330w	Tenneco-Fed. #1	
678	19	31	29	2310s	2310w	Barbera Fed. #1	
679	19	31	29	660n	1980e	CEM Oil Co. Fed. #1	
680	19	31	30	1980n	330w	Southern Fed. No. 6	
681	19	31	30	990s	330w	Southern Fed. No. 7	
682	19	31	30	1980n	667e	#2-Y Southern Union	
683	19	31	31	330n	330w	Brook & Adams Fed. No. 1	
684	19	31	32	330n	660e	Machris St. #1	
685	22	29	6	660s	660e	#1 Eddy Fed.	
689	25	32	3	1650s	1980e	Cotton Draw Unit No. 49	



FFG No.	Location Data			Distance from		Drillhole Name	Revision
	T.	R.	Sec.	section line			
690	25	32	9	1650s	330e	Cotton Draw Unit No. 52	
691	25	32	10	2145n	2310e	Cotton Draw Unit No. 60	
692	25	32	11	660s	1980e	Continental Fed. #1	
693	25	32	14	2310n	330w	Ora Hall Fed. #4 #1	
694	25	32	15	660s	1980w	G.E. Jordan Fed. No. 4	
695	25	32	15	660n	1980w	G.L. Jordan #3	
696	25	32	15	455n	1980w	Cotton Draw Unit No. 75	
697	25	32	16	1980n	1980e	St. Z 16 #1	
698	25	32	18	660n	1650w	Cotton Draw Unit #64	
699	25	32	20	1650s	330e	Cotton Draw Unit #42	
700	25	32	20	330s	330e	Perry Fed. #43	
701	25	32	21	990s	990e	Cotton Draw Unit #57	
702	25	32	22	2310s	330w	Cotton Draw Unit No. 48	
703	25	32	23	660n	1980e	Fed. "P" #1	
704	25	32	27	330n	330w	Cotton Draw Unit No. 61	
705	25	32	28	2310s	990w	J.D. Sena Jr.	
706	25	32	28	2310s	1650w	J.D. Sena U.S.A. No. 1	
707	25	32	29	1980n	330e	Cotton Draw Unit No. 58	
708	25	32	29	330n	330e	Cotton Draw Unit No. 55	
709	25	32	31	1980n	660w	Ray Smith #1	
710	25	32	32	1980n	1980w	Conoco St. No. 1	
711	25	32	33	660s	660w	Hall-Fed. "33" #1	
712	25	32	33	1980s	560e	Jennings #1	
713	25	32	33	660s	1980e	Jennings #3	
714	25	32	34	660n	660w	Fed. Sunshine Royalty #1	
715	25	32	34	660n	660e	Sunshine Royalties #1	
716	25	33	1	660n	660w	Fed.-Muse #1	
717	25	33	5	660n	660e	Bass Fed. #1	
718	25	33	8	1980s	660e	Annie Bass Fed. #1	
719	25	33	11	660n	660w	Muse Fed. #1	
720	25	33	13	980s	660e	Fed. "BK" #1	
721	25	33	15	1980n	1980e	Ochoa Fed. No. 1	
722	25	33	18	660n	660w	#1 Bass Fed.	tops Tamarisk, Mag wrong
723	25	33	19	1980s	660w	Fed. #1-19	
724	25	33	20	660n	1980e	Fed. Bass #1	
725	25	33	21	660n	660e	Fed. Marshall No. 1	
726	25	33	23	660s	660w	Muse-Fed. 23 #1	
727	25	33	24	660s	660w	Perry Fed. #1	
728	25	33	25	660s	660e	Fed. No. 1-25	
729	25	33	27	660s	660e	Harry Dickson #1	
730	25	33	28	660s	660e	Annie R. Bass Fed. #1	
731	25	33	28	660n	660e	Conley Fed. #1	
732	25	33	29	1980n	660w	W.H. Jennings Inc. U.S.A. No. 1	
733	25	33	31	660s	660w	Richardson & Bass USA #1	
734	25	33	32	1980s	660e	Continental St. No. 1	
735	25	33	36	660n	660w	St. #1-36	



FFG No.	Location Data			Distance from section line		Drillhole Name**	Revision
	T.	R.	Sec.				
736	25	34	2	660s	1980w	Southeast Bell Unit #1	
737	25	34	5	660n	660w	Bass Fed. #1	
738	25	34	8	660s	660e	Fed.-Muse #1	
739	25	34	10	660s	660w	Mildred Smith #1	
740	25	34	14	990s	1980e	Mildred Smith #1	
741	25	34	19	660s	1980e	No. 1-19 Fed.	
742	25	34	21	1980s	1980w	Ethel Nolen Fed. #1	
743	25	34	27	1980n	660e	Conoco Fed. #1	
744	25	34	31	660n	660e	Continental Fed. No. 1	
745	25	34	35	1980s	1980e	Olson Fed. No. 1	
746	25	34	36	660n	1980w	New Mexico St. #1	
747	26	32	1	1980s	660e	8105 JV-P Mesa #1	
748	26	32	1	660s	660w	Richardson-Fed. #1	
749	26	32	4	1980n	2310w	Sun Fed. "4" #1	
750	26	32	5	330s	2310e	Sun Fed. No. 1	
751	26	32	5	660n	1980w	Conoco Bradley #1	
753	26	32	7	990n	660e	N.C. Higgins Fed. #2	
754	26	32	7	660s	1980w	Continental Fed. #1	
755	26	32	8	1980s	660w	#1 N.C. Higgins Fed.	
756	26	32	15	1980s	660e	Ben Fed. #1	
757	26	32	16	1980s	1980w	Ohio St. No. 1	
759	26	32	18	1980n	660e	Thompson Fed. 18 No. 5	
760	26	32	18	1650s	1980w	#4-18 Thompson Fed.	
761	26	32	21	660s	660e	Fed. Payne No. 1	
762	26	32	24	330s	1650e	Fed.-Littlefield DR #1	
763	26	32	25	990n	990w	Wilder #23	
764	25	32	25	660s	1980w	Wilder 25-2	
765	26	32	26	1980n	1980e	Wilder #25	
766	26	32	30	660s	1980e	Russell Fed. 30 #1	
767	26	32	31	760n	2002w	Russell #1	
768	26	32	35	490s	330e	E. Payne 35 Fed. #1	
769	26	32	35	660n	660w	Bradley 35 #2	
770	26	33	1	660n	660e	Continental Fed. #1	
771	26	33	2	660n	1980w	Texaco St. "2" #1	
772	26	33	4	660s	660e	G.W. Miller Fed. NCT-1 No. 1	
773	26	33	6	1750s	1750e	Jones Fed. #1	
774	26	33	8	660s	660e	Miller-Fed. #1	
775	26	33	10	1980s	1980w	Goedeke Fed. No. 1	
776	26	33	10	2310n	2310w	Malcom R. Madera No. B-1	
777	26	33	13	660s	660e	Bradley 13 #1	
778	26	33	15	660n	1710e	Conoco Fed. #2	
779	26	33	15	660n	1980w	Fed. No. 1	
780	26	33	17	660s	660w	Fed. Littlefield DP Optional #1	
781	26	33	19	660s	660w	Fed. Littlefield "DO" #1	
782	26	33	21	1980s	660w	Continental Fed. #1	
783	26	33	22	660n	660w	Madera Fed. #1	



FFG No.	Location Data			Distance from		Drillhole Name**	Revision
	T.	R.	Sec.	section line			
784	26	33	23	660s	1980w	Humble Madera #1	
785	26	33	25	660n	1980w	Elliott Fed. #1	
786	26	33	26	660s	1980e	Fed. Hall #1	
787	26	33	27	1980s	660w	Dixon 27 #1	
788	26	33	29	1880n	660e	Gulf Fed. Littlefield #1	
789	26	33	30	1980s	660w	Payne #3	
790	26	33	31	660n	660w	Payne #7	
791	26	34	2	330s	330e	Lea St. "JV" #1	
792	26	34	3	660n	1980w	Gulf Yates Fed. #1	
793	26	34	4	660s	660w	Yates Fed. #1-4	
794	26	34	6	1980s	660w	Fed. K #1	
795	26	34	9	660s	660e	Yates Fed. No. 1	
796	26	34	18	660n	660e	Continental-Fed. #1	
797	26	34	18	1980s	1996w	Pogo No. 1 Fed. 18	
798	26	34	19	660n	660w	Bradley 19 #1	
799	26	34	20	660n	660e	Leonard Fed. No. 1	
800	26	34	22	660n	1980e	Fed. "CH" #1	
801	26	34	26	660n	660e	Kirklín Drilling Hondo Fed. #1	
802	26	34	33	660s	660e	Elliott-Fed. #1	
803	26	35	1	1650s	660w	#1 Sinclair Fed. "A"	
804	26	35	2	660s	1980w	Talco Unit #2	
805	26	35	6	1980s	1980e	Perro Grande Unit #1	
806	26	35	10	330n	660w	Sinclair et al "A" #1	
807	26	35	10	300n	300e	Sinclair Fed. "B" #1	
808	26	35	11	660s	660w	De Mooy Fed. No. 1	
809	26	35	11	330n	330e	Sinclair et al Fed. "B" #1	
810	26	35	11	1980n	660e	Talco Unit #1	
811	26	35	13	660n	660e	Fed. #1	
812	26	35	21	1980n	1980w	New Mexico Fed. "P" #1	
813	26	35	22	1980s	1980w	Byers Fed. No. 1	
814	26	35	25	1980n	1980w	Sinclair et al "C" #1	
815	26	35	27	660n	660e	Fed. Boothe "BD" #1	
817	26	32	3	660n	660w	Fed. Boothe "BD" #1	



- The distances for the borehole locations are measured in feet from north, south, west, or east for the section (square mile) as noted by n, s, w, or e.
- Some consistent abbreviations have been used to shorten names.

The location data for this table was taken from Table 2 of Richey (1989). The FFG number is used to cross-refer to other data tables based on the work of Richey.





## **APPENDIX B-2**

### **TABLE OF RUSTLER FORMATION DATA FROM RICHEY (1989)**

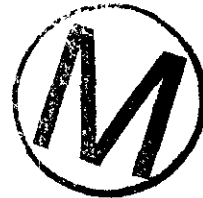


**Table of Rustler Formation Data From Richey (1989)**

FFG No.	Reference Elevation	Forty niner	Depths (meters) to Top of Units				Salado salt	Revisions
			Mag-enta	Tama-risk	Cul-ebra	ulm		
001	1083.0	396.8					507.5	
002	1090.3	404.2	422.8	429.8	465.5	472.2	511.5	
004	1068.3	329.2	350.5	357.5	401.7	408.4	440.4	
005	1089.7	395.9	414.8	421.8	461.2	467.6	507.8	
006	1091.5	402.6	421.5	430.1	474.9	483.4		
007	1093.9	415.7	438.0	444.1	491.9	500.2	534.9	
008	1099.1	424.3			499.9	506.9	540.1	
009	1094.8	416.7	437.4	444.7	490.7	498.3	519.7	
010	1096.4	418.5			493.2	500.8	536.4	
011	1092.7	408.1	428.5	435.6	482.8	489.2	522.4	
012	1092.1	405.1	424.3	432.5	478.2	485.9	520.0	
013	1080.2	383.4	405.4	412.4	434.0	445.9	497.7	
014	1068.6	326.7	347.5	355.1	400.8	409.7	445.6	
015	1082.0	342.6	363.6	370.3				
016	1099.7	432.8	454.8	462.1	511.8	520.3	554.7	
017	1100.9	431.3	452.6	460.2	506.0	513.6	545.6	
018	1116.5	444.1	464.2	470.6	517.9	525.8	558.1	
019	1111.0	444.7	466.3	473.4	522.4	530.7	562.1	
020	1091.5	350.8	373.1	379.2	429.5	436.2	469.1	
021	1096.4	361.5	385.3	392.6			481.9	
022	1106.7	384.6	412.0	419.6			495.2	
023	1109.8	431.3	455.7	462.4	513.6	522.1	556.3	
024	1124.6	462.6	485.8	492.5	545.5	552.8	585.4	
025	1117.6	443.5	465.4	471.5	519.1	525.8	557.2	
026	1116.0	445.2	466.5	472.6	523.5	530.5	563.4	
027	1117.4	453.2	474.3	481.0	531.9	538.9	571.8	
028	1183.9	554.1	571.2	576.4	605.3	611.4	634.3	
029	1145.4	529.4	546.2	551.4	581.9	587.3	607.5	
030	1154.3	537.7	556.0	561.4	591.3	597.1	621.5	
031	1168.3	558.7	578.2	584.3	613.9	620.9	645.9	
032	1158.5	546.6	566.4	572.5	609.1	612.4	639.5	
033	1143.6	536.4	555.3	560.8	594.4	601.4	624.8	
034	1139.3	538.0	556.9	561.4	590.7	596.8	621.5	
035	1121.1	530.8	548.5	554.6	587.2	590.2	616.2	
036	1147.6	545.0	565.4	570.9	606.2	612.0	637.3	
037	1129.3	536.4	557.5	562.4	595.3	600.5	626.4	
038	1118.3	538.9	558.7	564.2	594.7	600.8	626.4	
039	1046.1	247.5	267.3	274.0	314.2	320.6	351.7	
040	1077.2	336.5	356.3	363.6	421.8	431.9	452.3	
041	1065.3	264.3	284.7	291.7	331.6	338.9	373.4	
042	1069.5	264.0	284.1	291.7	328.9	339.5	374.3	
043	1067.1	257.1	279.0	285.1	331.4	338.4	370.1	
044	1080.5	318.2	339.5	346.9	391.4	399.6	434.9	
045	1091.8	344.4	367.3	374.9		432.2	466.3	
046	1094.2	340.2					464.2	
047	1112.8	479.4	498.9	505.3	551.7	556.8	586.7	



FFG No.	Reference Elevation	Forty niner	Depths (meters) to Top of Units				Salado salt	Revisions
			Mag- enta	Tama- risk	Cal- ebra	um		
048	1106.1	452.9	475.2	482.8	525.8	532.8	578.5	
049	1119.2	477.3	498.3	504.4	551.7	559.6	592.5	
050	1132.5	484.5	504.9	511.0	550.0	557.6	595.1	
051	1131.1	482.2	503.8	509.0	557.2	564.8	600.2	
052	1132.0	480.4	501.7	507.8	536.8	542.2	566.3	
053	1137.5	494.7	514.2	522.1	574.5	581.9	627.0	
054	1150.2	508.3	529.6	536.9	587.5	593.6	631.4	
055	1145.1	503.5	524.0	532.5	579.4	587.3	623.9	
056	1136.6	492.3	514.8	521.2	572.1	579.7	615.7	
057	1134.8	489.2	509.6	517.2	570.0	576.7	610.2	
058	1147.7	506.7	524.1	532.6	578.4	586.9	621.0	
059	1156.1	512.7	532.5	538.6	586.4	591.3	626.4	
060	1138.4	492.9	511.1	520.3	569.1	575.2	605.6	
061	1137.5	491.6	511.5	517.6	566.9	572.4	605.0	
062	1122.6	548.3	569.4	575.5	608.7	615.4	643.4	
063	1118.1	583.4	604.4	609.6	647.4	652.3	679.7	
064	1127.2	567.5	588.6	595.3	629.7	638.3	666.0	
065	1110.7	567.8	590.1	595.3	638.9	646.2	661.1	
066	1113.7	616.9	639.8	644.3	679.4	684.6	712.0	
067	1127.5	590.4	611.1	616.3	657.5	663.5	691.6	
068	1125.0	628.5	643.1	649.2	694.9	701.0	728.5	
069	1130.2	605.9	627.8	633.9	682.7	688.8	722.3	
070	1130.8	577.0	598.6	604.7	646.2	651.7	688.8	
071	1115.3	304.2	324.6	331.0	360.3	367.0	415.1	
072	1105.2	365.5	384.1	390.2	424.0	431.0	459.4	
073	1107.4	389.6	407.9	416.8	448.1	455.2	484.1	
074	1107.0	383.3	403.7	408.6	440.6	446.7	476.3	
075	1108.3	335.0	352.3	359.1	390.4	396.2	424.9	
076	1097.3	260.9	279.2	286.8	319.7	325.8	355.4	
077	1095.8						323.7	
078	1087.2	212.8	232.0	240.2	272.5	279.5	310.3	
079	1091.2	243.2	261.5	267.6	304.2	310.3	340.8	
080	1082.3	254.8	274.0	281.9	316.7	324.0	354.8	
081	1097.0	350.2	369.1	376.1	413.9	422.1	452.6	
082	1084.8	305.7	325.5	331.6	373.7	379.5	411.8	
083	1115.6	422.6	440.9	447.0	477.5	483.6	511.0	
084	1107.6	386.5	405.4	413.0	446.2	452.9	481.6	
085	1108.9	394.7	413.3	421.5	453.5	459.9	488.0	
086	1107.3	384.7	401.7	410.0	442.3	449.9	477.0	
087	1107.3	409.3	427.3	435.9	470.6	477.3	506.0	
088	1108.9	414.5	434.3	441.7	482.8	486.2	513.6	
089	1108.6	432.8	452.6	459.0	494.7	502.0	531.9	
090	1094.5	394.7					494.1	
091	1091.2	371.2	390.8	398.4	438.9	447.4	477.0	
092	1097.6	362.7	381.0	391.1	426.7	435.3	463.9	
093	1097.9	360.6	379.8	387.7	424.3	429.8	460.2	
094	1095.1	354.5	374.9	381.9	420.9	428.5	458.1	
095	1138.7	432.2	449.9	457.2	487.1	493.5	520.0	
096	1174.4	484.9	503.2	509.3	538.9	545.0	569.4	
097	1149.4	478.2	497.7	504.4	534.6	541.0	568.8	



FFG No.	Reference Elevation	Forty niner	Depths (meters) to Top of Units				Salado salt	Revisions
			Mag-enta	Tama-risk	Cril-ebra	nlm		
098	1208.2	562.7	582.8	588.3	620.3	626.4	652.3	
099	1205.8	564.2	584.9	590.4	623.3	631.2	655.6	
100	1153.1	528.2	549.2	555.0	588.3	594.4	622.7	
101	1142.7	549.6	567.8	573.3	609.0	615.4	642.5	
102	1127.2	513.3	533.7	539.8	578.2	584.3	614.8	
103	1108.6	434.0	453.2	456.6	499.3	506.9		
104	1127.5	555.0	576.4	582.5	619.4	625.4	653.2	
105	995.2	68.3	85.6	93.9	127.7	133.8	182.3	
106	981.5	26.8	41.8	49.7	78.9	86.9	140.8	
107	987.6	42.4	64.6	70.7	99.7	108.8	151.5	
108	1015.9	82.3	97.5	103.6	137.2	146.3	179.8	
109	1039.1	121.9	140.2	146.3	176.8	182.9	207.3	
110	1045.5	158.5	179.8	185.9	213.4	221.0	246.9	
111	1062.2	165.5	190.5	195.1	225.6	231.6	256.0	
112	1056.1	176.8	195.1	201.2	231.6	239.3	271.3	
113	1054.9	161.5	179.8	185.9	216.4	224.0	252.7	
114	1014.7	90.5	109.1	116.4	144.2	151.5	185.9	
115	970.5	56.7	75.0	81.1	113.1	122.2	167.0	
116	972.0	42.7	61.0	67.1	100.6	106.7	176.8	
117	966.2	30.5	54.9	64.0	97.5	109.7	155.4	
118	968.7						124.1	
119	950.1	12.2			79.2	85.3	121.9	
120	956.5	12.2	33.5	42.7	82.3	91.4	137.2	
121	958.6	12.2	30.5	36.6	76.2	85.3	128.0	
122	954.0	9.1	27.4	33.5	77.7	85.3	140.2	
123	961.6	33.5	61.0	67.1	94.5	100.6	146.3	
124	977.2	76.8	111.9	119.5	139.3	146.3	191.7	
125	976.2	64.0	85.3	93.0	125.0	134.1		
126	1014.2	109.7	128.0	134.1	161.5	167.6	201.2	
127	1019.2	109.7	128.0	134.1	158.5	167.6	195.1	
128	994.3	46.3	67.7	76.8	107.3	116.7	141.7	
129	961.9	38.1	62.5	68.6	103.6	109.7	146.3	
130	979.9	25.9	50.3	59.4	82.3	91.4	125.0	
132	1002.2	45.7	67.1	73.2	103.6	111.3	149.4	
133	993.0	33.5	54.9	61.0	91.4	97.5	155.4	
134	988.2	24.4	44.2	52.7	83.8	91.4	126.5	
135	1002.5	65.2	85.0	91.7	121.6	127.4	158.5	
136	1007.5	73.2	88.4	96.0	125.0	131.1	163.1	
137	1007.4	60.6	79.5	88.1	114.6	122.8	154.2	
138	1023.9	126.5	143.3	149.4	179.8	189.0	225.6	
139	1023.5	115.8	133.8	141.1	167.9	175.6	213.4	
140	1042.6	193.5	213.4	219.5	249.9	257.6	292.6	
141	1030.4	157.3	176.2	184.7	210.3	217.9	247.5	
142	1042.8	193.5	213.4	221.0	246.9	254.5	285.0	
143	1052.7	196.9	213.4	221.0	248.7	255.4		
144	905.0	1.5			10.7	21.3	79.9	
145	905.3	0.0			12.2	18.3	74.7	
146	912.9	0.0			6.1	15.2	86.9	
147	908.3	10.4	10.4	14.6	25.6	32.9	92.0	
148	907.7	0.0			7.6	12.8	75.6	





FFG No.	Reference Elevation	Forty niner	Depths (meters) to Top of Units				Salado salt	Revisions
			Mag-enta	Tama-risk	Cul-ebra	ulm		
149	916.5	4.3			5.8	13.4	74.4	
150	903.7	1.5					79.2	
151	901.6	10.7			12.2	21.3	79.2	
152	905.3	12.2					68.6	
153	917.1	0.0				15.2	88.4	
154	933.3	8.2					95.7	
155	918.1	4.0	4.0	12.5	16.8	24.1	87.2	
156	908.3	1.8			1.8	12.8	70.7	
157	926.0	10.7	10.7	18.9	21.9	27.4		
158	941.8	4.6	4.6	10.7	13.7	23.8	85.0	
159	1001.3	45.1	64.6	72.5	102.7	109.7	141.7	
160	1002.5	52.4	72.8	78.3	107.3	116.4	146.9	
161	987.9	30.5	51.8	57.9	86.9	93.0	131.1	
162	988.8	32.9	55.5	63.4	96.9	104.2	131.1	
163	988.8	33.5	54.9	61.0	91.4	100.6	132.6	
164	955.9	0.0			18.3	27.4	101.2	
165	935.7	0.0			22.9	33.5	96.9	
166	993.0	38.7	57.0	64.6	93.0	101.2	134.7	
167	1019.6	82.9	97.5	105.2	132.6	141.7	182.9	
168	1001.0	33.5	56.4	67.1	94.5	102.1	157.9	
169	986.0	5.8	28.7	36.9	66.8	76.8	124.7	
170	934.8	1.2	11.9	18.0	31.1	41.8	95.7	
171	956.8	25.3	25.3	32.6	34.7	47.5	108.8	
172	986.0	48.8	48.8	53.0	70.7	79.9	134.1	
173	1022.6	87.8	108.5	116.1	145.7	154.8	191.1	
174	908.6	2.1						
175	937.0	116.4					175.3	
176	927.5	59.4					135.0	
177	913.2	24.1			24.1	33.2	100.6	
178	888.2	170.1			170.1	176.8	349.0	
179	896.4	9.8			9.8	21.3	79.6	
180	1062.2	118.3	141.7	147.2	179.2	187.5	237.1	
181	1016.5	65.2	65.2	69.8	86.0	93.6	147.5	
182	986.0	129.5	138.4	143.6	173.4	181.7	228.9	
183	1020.5	81.4			116.1	127.1	183.2	
184	1047.9	120.1	120.1	123.1	156.7	164.3	196.3	
185	1022.6	88.1	88.1	92.7	123.1	130.8	182.6	
186	1013.5	149.7	149.7	155.8	185.6	194.2	247.2	
187	965.6						275.5	
188	979.0	104.9	104.9	110.0	133.2	141.4	197.8	
189	1046.1	123.4	143.9	151.8	178.3	186.5	241.1	
190	1037.8	136.2	155.4	163.1	194.2	202.7	244.4	
191	1041.5	140.2	163.4	171.0	196.0	202.1	261.5	
192	1031.4	196.9	216.1	224.9	256.9	267.0	323.4	
193	994.0	247.8			247.8	262.1	324.6	
194	1075.4	235.7	253.3	259.8	286.9	294.8	336.6	
195	1059.2	203.9	225.2	230.4	255.7	266.4	305.7	
196	1042.4	144.8	165.5	172.5	205.4	214.9	249.9	
197	1034.5	135.0	156.4	163.7	193.5	203.3	244.4	
198	1031.4	133.2	153.9	160.0	190.5	199.6	247.5	



FFG No.	Reference Elevation	Forty niner	Depths (meters) to Top of Units				Salado salt	Revisions
			Mag-enta	Tama-risk	Cul-ebra	nim		
199	1038.8	150.0	171.3	178.9	211.8	220.1	258.2	
200	1040.9	138.4	160.0	167.9	202.7	212.8	255.7	
201	1074.1	179.5	200.9	208.5	235.9	244.1	295.4	
202	1075.6	241.4	259.1	267.3	301.8	312.4	352.0	
203	1071.4	230.1	248.4	255.7	295.4	303.9	343.8	
204	1096.4	231.6	249.9	258.5	282.9	291.1	329.2	
205	1082.0	201.4	221.5	228.8	256.9	265.4	313.5	
206	1067.7	171.9	193.2	200.3	230.7	239.6	288.3	
207	1072.6	180.4	200.3	207.6	239.0	246.6	296.9	
208	1060.1	157.3	178.0	185.9	217.0	225.6	279.8	
209	1074.1	200.9	200.9	207.9	235.9	244.4	286.8	
210	1066.2	180.4	200.3	207.3	238.7	247.5	300.2	
211	1060.4	174.3					283.5	
212	1078.4	207.9	225.6	233.2	260.9	269.4	310.0	
213	1051.6	148.1	177.1	183.2	213.7	222.8	256.3	
214	1061.6	183.8	206.7	213.4	243.2	253.0	303.9	
215	1041.8	189.3	210.6	218.2	248.7	256.9	307.2	
216	993.6	256.6	276.8	283.2	304.8	310.9	473.0	
217	1057.7	184.1	206.3	214.0	242.9	252.1	301.4	
218	1053.1	189.6	209.1	217.3	249.6	258.8	309.1	dup FFG 602; deleted 602
219	1036.3	125.9	146.6	156.4	187.5	196.0	253.0	
220	1051.0	191.1	214.3	218.8	252.4	261.5	308.8	
221	1027.8	213.4	231.6	240.8	271.3	283.5	342.9	
222	1019.9	249.3	270.1	278.3	306.6	314.9	415.4	
223	1008.9						491.0	
224	1133.6	456.6	477.9	485.5	535.8	543.5	575.5	
225	1138.3	454.6	475.9	482.0	534.8	540.3	572.0	
226	1150.3	467.1	489.3	496.3	548.5	555.5	588.4	
227	1149.4	471.2					598.9	
228	1133.6	459.9	481.9	490.4	545.3	552.9	584.3	
229	1146.0	444.4	466.6	474.0	531.3	538.9	573.9	
230	1134.5	445.9	469.4	476.4	533.4	539.5	576.1	
231	1120.1	416.1	438.3	445.9	500.2	506.3	541.9	
232	1124.1	406.3	428.5	435.9	492.6	498.3	538.0	
233	1114.7	405.4	428.9	435.9	490.7	496.8	532.8	
234	1112.8	367.0	390.1	397.8	452.6	459.3	496.5	
235	1117.1	394.7	418.5	425.8	481.6	488.6	521.2	
236	1101.2	332.8	354.8	362.7	418.5	424.0	459.3	
237	1137.8	402.5	425.7	433.0	491.6	503.4	537.0	
238	1152.8	436.2	461.8	467.3	524.3	531.3	568.5	
239	1177.1	474.0	498.0	503.8	556.6	563.6	606.6	
240	1162.2	467.0	491.0	497.7	552.3	559.6	593.4	
241	1165.3	476.4	499.0	506.3	560.2	567.2	602.6	
242	1115.0	315.2	331.9	338.3	382.8	390.8	433.7	
243	1153.7	389.9	410.6	418.2	485.3	494.4	538.6	
244	1120.0	321.6	339.2	346.9	398.7	404.8	430.7	
245	1170.7	573.6	597.7	603.8	659.9	667.2	700.1	
246	1161.9	560.2	583.4	588.9	645.9	653.8	688.8	
247	1145.4	556.3	581.6	587.4	644.1	651.7	685.3	
248	1150.0	555.3	578.8	584.0	643.4	651.7	685.5	



FFG No.	Reference Elevation	Forty niner	Depths (meters) to Top of Units				Salado salt	Revisions
			Mag- enta	Tama- risk	Cul- ebra	ulm		
249	1169.2	575.5	599.5	605.0	663.9	670.9	705.0	
250	1159.8	485.7	508.3	515.3	572.3	579.3	614.3	
251	1139.0	570.3	594.1	600.5	661.7	669.0	706.8	
252	1134.1	425.5	450.2	456.3	514.5	521.5	566.6	
253	1108.6	448.1	469.4	476.1	541.9	547.1	586.7	
254	1111.6	460.6	481.6	487.7	549.6	556.9	593.8	
255	1122.6	512.7	534.9	542.5	608.1	616.3	655.3	
256	1136.0	578.2	600.8	606.2	658.1	665.1	697.1	
257	1137.2	536.8	557.8	563.6	613.9	620.0	653.2	
258	1120.4	505.4	525.5	532.8	574.2	584.0	622.7	
259	1139.6	554.7	578.5	586.1	636.4	644.7	682.8	
260	1111.0	489.2	507.2	513.6	554.7	562.1	595.9	
261	1106.1	495.9	513.3	519.7	563.9	568.8	603.5	
262	1109.5				623.9	632.5	669.0	
263	1115.6	562.2	589.0	594.5	659.1	667.1	708.8	
264	1121.1	343.5	360.6	367.9	417.3	424.9	467.6	
265	1130.8	355.4	374.9	381.0	444.7	453.5	496.2	
266	1131.4	372.5	394.7	400.5	466.0	474.6	521.8	
267	1120.4	384.0	406.9	412.1	479.1	487.7	537.7	
268	1115.9	399.9	425.2	431.3	502.3	509.6	552.6	
269	1105.8	376.6	403.4	408.9	478.1	488.2	537.5	
270	1057.0	265.2	282.5	287.7	326.7	335.9	367.6	
271	1049.4	215.5	234.4	240.5	275.5	281.6	316.1	
272	1073.5	226.9	251.0	257.1	321.7	329.6	376.3	
273	1079.2	262.3	281.8	289.1	326.0	333.9	377.5	
274	1137.2	286.2	303.0	310.0	344.1	351.4	389.8	
275	1135.7	277.1	295.4	301.4	335.0	341.1	368.5	
276	1125.9	264.3	280.7	288.3	323.1	330.1	359.7	
277	1123.2	269.7	286.5	294.1	327.7	334.1	369.7	
278	1098.2	229.8	252.4	259.7	321.6	332.8	375.8	
279	1107.9	247.8	267.0	274.6	331.0	340.2	372.2	
280	1120.3	261.7	283.0	289.4	331.5	340.3	382.1	
281	1147.3	311.5	333.1	339.9	384.7	392.9	438.0	
282	1146.4	349.3					485.5	
283	1090.9	506.3	527.0	532.8	594.7	601.7	640.4	
284	1117.1	386.8	405.1	411.2	469.1	475.8	520.9	
285	1112.5	352.3	371.2	377.6	442.9	452.0	496.5	
286	1101.5	264.0	281.3	287.4	327.7	335.5	372.8	
287	1094.6	282.6	301.5	308.5	356.4	361.3	401.5	
288	1110.4	344.7	365.5	371.6	441.7	447.8	493.5	
289	1081.9	345.6	362.0	368.1	401.3	408.0	442.8	
290	1103.4	277.7	296.9	303.9	332.5	342.6	370.0	
291	1132.0	365.8	389.5	395.3	463.3	471.2	516.9	
292	1090.6	316.4	332.2	338.3	365.8	372.8	403.9	
293	1085.1	319.1	334.4	340.5	367.0	374.6	412.7	
294	1095.5	500.2	522.7	528.5	591.0	598.0	637.3	
295	1087.5	504.7	527.3	532.8	598.0	607.5	648.6	
296	1106.4	513.9					661.7	
297	1104.9	537.4	565.7	572.4	635.8	649.5	684.6	
298	1070.0	500.8	517.6	523.3	541.9	549.6	580.0	



FFG No.	Reference Elevation	Forty niner	Depths (meters) to Top of Units				Salado salt	Revisions
			Mag- enta	Tama- risk	Cul- ebra	ulm		
299	1078.4	484.0	509.3	514.2	580.6	588.6	637.0	
300	1062.2	518.5	541.6	546.8	581.6	589.2	645.3	
301	1046.4	531.6	555.3	560.8	610.5	616.0	687.0	
302	1092.7	550.2	574.2	578.5	649.2	655.9	672.4	
303	1099.3	563.4	588.1	594.2	650.3	657.3	694.5	
304	1088.1	547.7	570.6	575.2	642.2	649.2	688.8	
305	1093.9	559.3	584.6	590.7	650.7	659.3	694.3	
306	1075.9	583.7	606.6	610.8	662.9	670.6	714.5	
307	1078.7	560.8	585.2	590.7	646.5	654.4	694.9	
308	1075.9	584.6	610.2	615.4	699.8	708.1	752.9	
309	1093.6	558.4	585.5	590.4	659.0	665.7	705.0	
310	1087.5	523.3	548.3	552.9	612.3	618.4	657.5	
311	1085.4	586.7	598.9	604.4	656.8	665.1	698.0	
312	1076.9	539.5	566.3	572.4	647.1	652.9	692.8	
313	1106.1	171.8	191.0	198.0	235.8	244.1	273.9	
314	1121.1	258.8	278.0	285.0	332.2	339.5	386.2	
315	1131.1	348.2	366.8	372.6	429.6	436.9	480.2	
316	1133.2	361.8	385.3	391.1	454.8	463.0	509.0	
317	1097.6	305.4	320.6	324.9	365.2	372.5	404.5	
318	1123.5	365.5	381.3	388.9	413.3	420.9	457.5	
319	1120.7	351.4	369.1	374.9	416.1	424.3	458.7	
320	1129.6	367.3	388.3	394.1	460.2	467.6	513.6	
321	1124.7	364.2	386.8	392.6	456.3	463.0	511.8	
322	1124.7	369.6	391.5	397.3	454.9	462.5	507.9	
323	1120.4	369.3	390.9	397.0	445.2	452.5	493.6	
324	1122.0	360.3	376.7	384.0	422.5	429.8	468.8	
325	1079.9	260.3	279.5	286.5	317.6	326.7	366.4	
326	1117.7	363.3	381.6	388.6	411.2	419.7	460.2	
327	1102.2	353.9	373.1	378.6	412.4	420.3	456.9	
328	1121.4	364.4	386.9	392.7	447.6	456.7	500.9	
329	1120.4	364.8	386.5	392.0	451.4	459.0	507.2	
330	1115.6	360.7	382.4	387.6	446.1	454.6	504.0	
331	1103.7	350.2	375.2	381.0	450.8	456.9	501.1	
332	1124.7	380.7	405.4	410.9	485.2	491.9	537.7	
333	1130.5	384.2	407.7	413.2	479.9	487.5	531.7	
334	1125.9	382.8	407.8	413.3	481.0	488.9	536.8	
335	1129.6	372.5	395.9	404.8	466.3	474.6	521.8	
336	1124.1	369.7	393.5	399.0	466.0	473.7	520.9	
337	1124.4	385.9	410.6	416.4	482.5	490.1	539.8	
338	1123.5	378.7	402.8	408.3	476.6	484.5	533.9	
339	1107.9	396.8	423.1	427.6	496.2	503.8	554.1	
340	1107.0	385.6	413.0	418.2	489.2	497.7	547.1	
341	1025.0	523.3					623.3	
342	1056.1	308.5	329.2	335.9	373.4	379.8	404.5	
343	1032.1	732.1						
344	1040.6	327.2	347.9	355.5	381.5	389.7	418.0	
345	1073.2	297.7	321.1	326.6	394.6	401.9	444.6	
346	1076.9	328.1	354.6	360.1			482.0	
347	1039.7	273.7	295.0	303.0	340.2	346.9	384.4	
348	1035.7	244.8	262.4	267.6	297.2	302.7	349.6	



FFG No.	Reference Elevation	Forty niner	Depths (meters) to Top of Units				Salado salt	Revisions
			Mag-enta	Tama-risk	Cul-ebra	ulm		
349	1034.8	270.6	292.6	296.8	320.3	325.5	356.0	
350	1041.5	232.6	252.4	258.5	296.3	301.8	329.2	
351	1102.8	370.6	397.2	401.7	473.4	481.6	531.3	
352	1103.1	371.6	397.5	403.6	473.7	481.3	530.0	
353	1095.8	344.1	369.1	374.6	444.7	451.7	497.4	
354	1051.0	233.2	250.2	255.7	289.0	295.0	328.6	
355	1027.2	32.3						
356	1008.9	45.1					120.4	
357	1011.9	54.3						
358	988.6	25.1						
359	985.4	41.1					144.8	
360	1008.9							
361	1012.5	1.5	25.6	29.9	57.3	64.0	106.7	
362	1010.7	54.3			91.4	99.7	169.2	
363	1009.5	36.6			62.5	71.6	128.0	
364	993.6	50.9			75.3	83.8		
365	1003.4	60.0						
366	1010.4	50.0	69.8	76.5	98.8	106.4	146.6	
367	1006.4	30.5	51.8	57.9	74.7	83.8	129.5	
368	1012.5	-0.3						
369	1012.1							
370	1012.9	0.0			44.2	50.3	93.6	
371	1012.9	0.0	15.2	18.3	47.2	54.3	93.0	
372	1006.4				57.3	64.9		
373	998.1	53.1			89.1	96.1		
374	995.2	48.8	54.3	65.5	86.9	93.0	140.2	
375	994.3	76.2						
376	1010.4	25.6			62.8	70.7	114.0	
377	996.7	118.0					225.2	
378	986.6	72.2						
379	986.0	89.0						
380	989.4	80.6					210.8	
381	1021.4	0.0			106.7	112.8	146.3	
382	1034.8	60.7						
383	1046.1	90.8	107.3	114.9	137.8	143.9	178.9	
384	976.0		30.2	38.1	54.9	63.7		
385	990.6	68.6			74.7	83.8	134.1	
386	961.9	58.2					153.3	
387	1019.9	53.3	79.6	85.3	108.8	118.3	157.9	
388	1019.6	60.4	82.9	90.2	118.9	125.9		
389	1008.0	31.4			83.2	90.5		
390	1022.6	48.2	68.6	77.1	103.0	109.1	159.1	
391	1025.3	51.8	73.8	80.8	106.1	112.2	157.0	
392	1019.6	51.8	71.0	77.7	109.1	115.2	156.4	
393	1061.6	226.0	245.5	251.0	276.0	280.6	308.9	
394	1050.3	124.4	141.7	147.2	167.9	173.1	203.6	
395	1059.2	140.8	157.6	163.4	184.7	191.7	217.0	
396	1090.0	188.4	205.7	212.8	236.2	242.9	302.7	
397	1036.9	254.8	285.0	290.2	338.3	358.1		
398	1011.6	185.9	206.0	213.1	239.9	244.4		



FFG No.	Reference Elevation	Forty niner	Depths (meters) to Top of Units			Salado salt	Revisions
			Mag-enta	Tama-risk	Cul-ebra ulm		
399	1001.6	163.1			216.4	221.0	
400	980.5	74.1					
401	972.3	97.5			132.6	138.7	
402	1023.1	20.6	43.7	51.1	76.0	86.4	
403	995.2	32.2	53.8	59.9	80.6	91.9	148.3
404	976.6	50.9	75.0	79.2	103.3	109.4	
405	970.2	62.2					144.5
406	968.4	0.0					
407	969.9	11.6	29.9	37.5	61.9	71.0	
408	965.0	51.8	51.8	56.4	57.9	64.0	137.2
409	970.5				27.4	38.1	
410	950.7	94.0					223.6
411	957.7	70.4			70.4	83.8	168.6
412	970.2	14.9					125.3
413	968.7	53.6			53.6	62.5	133.5
414	965.8	47.7					157.4
415	964.4	32.6					114.9
416	971.1	40.8					130.8
417	966.7	46.6					128.6
418	1033.9	50.6			103.6	110.9	
419	1052.5	55.5	75.9	83.5	109.7	115.8	
420	1045.1	52.4	71.6	80.8	108.2	117.3	
421	1047.0	63.4	86.9	92.0	123.7	133.2	167.6
422	1054.3	77.7	96.0	108.2	131.1	138.7	
423	1057.0	196.9					299.3
424	1057.7	247.8					
425	1003.7	40.2					158.2
426	996.1	34.1			69.2	76.8	139.6
427	1042.7	94.5					166.1
428	1048.5	110.9					205.7
429	1044.2	63.1					160.6
430	1007.7	44.5					198.4
432	978.4	46.6	54.3	60.4	93.9	101.5	141.1
433	968.0	47.5			70.4	75.6	151.2
434	944.6	41.1					118.2
435	943.7	0.0					94.5
436	943.4	42.2					120.3
437	937.9	27.9					118.7
438	1082.2	189.6	207.6	215.5	246.6	252.4	284.7
439	941.2	23.8					
440	938.5	51.5					120.1
441	938.8	32.3					120.7
442	937.0						
443	934.2						113.7
444	943.4	32.8					118.2
445	960.7	40.5			40.5	49.1	133.5
446	937.0	19.8					107.6
447	922.3	25.0					98.8
448	924.2	6.4					108.8
449	931.8						112.5



Surf el, top Rust wrong?



FFG No.	Reference Elevation	Depths (meters) to Top of Units					Salado salt	Revisions
		Forty niner	Mag- enta	Tama- risk	Cul- ebra	ulm		
450	925.7						106.4	
451	929.3	9.1					106.7	
452	934.2						126.8	
453	1049.5	187.3			267.2	276.6	323.0	
454	1011.8	87.2					184.7	
455	1061.3	223.7	243.8	250.9	291.1	299.9	337.4	
456	1063.4	234.4	250.9	258.2	286.8	293.5	332.5	
457	1023.5	138.4	155.4	162.2	192.3	200.9	239.0	
458	1025.8	137.6	153.2	163.5	192.5	200.7	240.3	
459	1070.5	253.9	271.0	278.6	309.1	318.2	353.3	
460	1049.7	225.6					321.0	
461	1047.6	222.2					317.9	
462	1032.1	148.0	166.3	174.6	203.5	211.4	250.8	
463	1021.1	107.6	128.0	134.7	166.7	177.4	209.7	
464	1035.4	135.0	155.4	163.1	192.0	201.8	247.8	
465	1031.4	128.6	148.4	156.1	186.5	196.3	247.5	
466	1070.5	235.6					331.6	
467	1025.7	519.5	537.5	542.4	594.8	602.7	645.4	
468	1064.7	571.2	599.2	604.7	687.0	691.6	742.5	
469	1046.4	612.3					688.5	
470	1067.1	557.5	582.2	587.0	659.0	664.5	707.1	
471	1036.6	510.8	536.1	541.6	610.5	616.0	664.2	
472	1032.4	468.2	494.1	499.6	530.7	536.8	593.1	
473	1060.7	569.1	592.5	597.1	670.3	677.0	721.2	
474	1100.6	349.9	371.2	377.3	423.1	428.9	465.7	
475	1103.7	354.0	374.8	379.9	417.4	426.0	465.9	
476	1090.1	268.3	285.1	292.7	329.9	338.4	378.7	
477	1102.8	328.3	342.0	351.1	376.1	384.0	423.1	
478	1104.8	349.2	365.1	371.2	402.2	410.8	449.5	
479	1106.4	353.9	370.0	376.4	399.6	407.5	445.3	
480	1096.1	341.7	363.6	369.7	408.1	414.8	454.5	
481	1090.9	359.1	375.2	381.9	409.3	416.4	455.7	
482	1103.4	342.0	359.1	364.8	391.7	399.6	438.0	
483	1094.2	309.1	326.4	332.8	353.0	361.5	403.3	
484	1095.6	323.4	342.0	347.5	369.7	374.9	423.4	
485	1096.5	317.1	333.9	339.7	366.2	373.5	413.7	
486	1097.6	331.3	348.1	354.2	381.6	389.2	428.9	
487	1097.0	333.1	350.5	356.6	381.6	390.1	427.6	
488	1088.6	340.6	357.4	362.0	390.3	396.1	439.7	
489	1086.6	322.0	338.2	344.3	369.3	377.8	423.5	
490	1072.6	217.0	233.8	239.9	265.8	271.3	306.9	
491	1077.5	221.6	241.1	247.2	277.7	284.4	324.9	
492	1067.4	249.9	268.8	274.9	301.8	310.3	346.9	
493	1069.2	265.6	283.9	289.4	316.8	326.0	359.5	
494	1069.5	258.2	277.4	283.5	315.5	322.5	356.3	
495	1072.3	272.9	289.3	295.1	322.5	329.2	375.9	
496	1108.3	392.9	419.7	424.0	492.3	504.1	552.9	
497	1090.6	369.1	389.5	395.0	440.7	448.4	488.9	
498	1104.9	367.9	390.8	396.5	459.3	467.3	515.7	
499	1091.5	376.1	402.0	406.9	479.1	488.3	541.6	



FFG No.	Reference Elevation	Forty niner	Depths (meters) to Top of Units				Salado salt	Revisions
			Mag- enta	Tama- risk	Cul- ebra	um		
500	1091.5	365.5	386.8	392.9	448.1	456.3	508.7	
501	1075.6	344.1	365.5	371.6	402.6	410.0	450.2	
502	1092.4	367.6	389.5	395.0	454.2	461.5	525.2	
503	1064.1	358.7	380.1	384.7	440.1	447.8	490.4	
504	1070.5	346.9	364.5	370.6	396.2	402.9	451.7	
505	1077.8	323.1	338.3	343.5	375.5	381.6	427.3	
506	1069.8	320.6	338.9	344.4	369.7	379.2	420.3	
507	1051.9	339.1	359.5	363.5	444.9	452.5	502.8	
508	1051.9	288.6	307.8	313.3	363.0	371.2	423.1	
509	1066.5	298.7	321.3	327.4	398.4	404.2	450.2	
510	1080.5	313.2	335.7	341.8	410.4	421.7	465.3	
511	1102.8	374.6	400.5	406.3	473.7	483.4	532.2	
512	1073.5	325.2	352.7	358.7	429.8	438.9	496.8	
513	1061.0	298.0	320.3	326.1	394.0	401.7	455.0	
514	1060.1	305.4	328.9	334.1	414.2	423.1	482.8	
515	1082.3	359.7	384.4	389.5	465.1	471.5	526.1	
516	1075.0	359.1	383.7	389.5	462.4	473.4	529.1	
517	1053.1	243.8	264.3	269.4	297.8	302.4	320.6	
518	1036.3	238.4	258.2	264.3	294.1	300.5	316.1	
519	1033.9	268.2	290.2	293.8	329.8	337.4	374.0	
520	1030.8	377.8	395.4	399.1	439.9	445.4	488.1	
521	1028.7	355.4	373.7	378.3	395.6	400.5	424.0	
522	1055.2	523.5	550.9	555.5	621.0	627.7	672.8	
523	1041.8	500.5	524.9	532.5	592.5	598.6	652.9	
524	1024.1	331.0	349.0	353.3	408.1	416.7	462.4	
525	1047.0	503.7	533.3	538.5	603.1	610.4	658.6	
526	1033.9	60.4			83.2	90.8	122.8	
527	1031.7	72.8	93.0	98.1	137.5	143.6	160.6	
528	1023.5	71.9	89.3	97.5	127.4	132.0	159.4	
529	1022.3	36.3						
530	1016.5	16.2			50.6	58.8	86.3	
531	998.2	78.9			103.3	109.4	143.0	
532	990.3	74.7		83.2	110.6	117.3	151.8	
533	994.3	65.5					138.7	
534	1021.1	74.7			128.3	137.8		
535	995.9	56.2	76.0	83.1	113.8	120.2	145.5	
536	996.1	67.7			103.6	111.6	142.6	
537	985.4	80.8			105.5	112.8	144.8	
538	1017.1	73.2						
539	1019.6	86.0					182.6	
540	1028.1	79.6					178.9	
541	1047.0	103.3					189.9	
542	1011.9	104.9					204.5	
543	997.9	27.0			65.7	71.2		
544	999.7	19.7					101.3	
545	1013.8	12.8						
546	1013.5	30.2	33.2	37.8	59.1	66.8		
547	1000.0	27.4					118.9	
548	1047.3	116.7	133.2	139.6	164.0	170.1		
549	909.8	37.5				55.8	110.0	





FFG No.	Reference Elevation	Forty nine	Depths (meters) to Top of Units				Salado salt	Revisions
			Mag-enta	Tama-risk	Cul-ebra	ulm		
550	889.1	35.4					99.1	
552	922.9	190.2			190.2	200.9		
556	908.9	60.4			60.4	75.6		
559	902.3	0.0			102.7	108.8	171.3	
561	1002.2							
562	981.5	310.9	329.2	336.2	359.7	367.0		
563	969.9	387.4	405.1	412.4	432.5	441.7		
564	969.3	306.3					411.5	
565	984.2	302.5	317.3	321.3	337.4	341.1	389.2	Rustler 302.5, not 332.5
566	971.3	277.4	292.0	317.0	336.8	342.9	393.2	
568	957.1	322.5			325.2	331.3		
569	952.2	263.0	281.6	289.0	319.4	328.0		
570	945.8	387.7				415.1		
572	995.2	252.4			252.4		320.0	
575	966.2	333.1						
577	972.9	203.1						
580	979.6	164.9					244.1	
582	981.8	271.6					356.9	
583	998.2	275.2					377.3	
584	1006.8	233.6	239.1	242.5	264.1	270.2	315.9	
585	1025.0	294.1			338.3	346.6	381.6	
586	1020.2	376.7					465.7	
589	975.4	192.5					280.3	
593	968.0	181.9					261.4	
594	989.7	253.0						
595	999.1	328.6						
596	1004.9	352.1						
599	942.4	247.7					298.9	
600	1003.4	274.3	275.8	281.3	303.3	310.9		
601	983.9	338.3	360.9	368.2	403.9	411.2		
602								Data dropped; Same as FFG218
606	1012.9	289.9	309.4	317.0	339.2	345.3	409.7	
607	1001.3	258.2	278.0	282.9	320.0	329.5	377.0	
608	1018.6	264.0	286.8	292.0	355.4	363.9	424.9	
609	1025.3	267.0	286.5	292.6	368.8	378.6	439.2	
610	1023.2	276.5	300.8	310.0	374.0	383.1	434.9	
611	1009.2	277.4	301.8	306.0	365.2	373.7	429.8	
612	977.1	243.7	261.4	264.4	298.0	307.4	352.2	
613	945.9	217.4	232.4	240.0	268.0	277.2	324.1	
614	919.0	242.3						
615	926.9	200.3					281.0	
617	881.2	18.3						
618	897.0	195.1			210.3	217.9		
620	909.9	150.1	171.4	178.7				
621	905.9	210.9						
624	907.1					71.2		
627	870.5					69.5		
628	881.5	13.3						
629	881.8	51.2					128.6	
630	912.6	56.7						



FFG No.	Reference Elevation	Forty niner	Depths (meters) to Top of Units				Salado salt	Revisions
			Mag-enta	Tama-risk	Cul-ebra	ulm		
631	903.1	44.7						
637	878.4							Location in question
638	975.4	383.7	402.3	408.1	438.6	445.3		
639	961.5	395.2	417.7	424.1	453.4	463.1		
640	966.2	317.1	335.4	343.1	368.4	379.6	446.7	
642	929.9			246.0			358.7	
643	975.4	286.5	305.7	313.0	333.1	338.3	399.3	
644	936.7	213.2	230.3	235.5	259.5	266.2		
645	929.6	165.7						
647	931.5	158.5						
648	960.7	402.3	419.4	424.6	447.4	460.2		
652	1106.4	227.7	246.6	252.7	283.5	290.5	320.0	
653	1096.1	216.1	236.2	242.0	273.4	280.4	307.5	
654	1098.5	199.0	218.5	223.7	252.7	259.4	286.2	
655	1093.0	195.7	214.9	219.8	245.7	252.7	280.1	
656	1091.8	197.5	214.9	221.0	246.6	253.3	282.9	
657	1083.3	177.1	193.5	199.6	220.4	227.1	253.3	
658	1088.1	189.9	206.3	213.7	238.7	245.4	271.9	
659	1072.6	170.7	186.5	192.9	215.8	224.0	251.5	
660	1071.1	151.9	169.6	174.2	197.7	204.7	226.0	
661	1082.0					215.8	243.2	
662	1085.7	191.1	209.4	214.9	242.3	248.4	275.5	
663	1093.9	209.4					294.1	
664	1084.5	196.3	216.1	222.5	248.1	253.6	289.6	
665	1075.3	157.0					237.4	
666	1063.1	125.0	142.6	148.7	173.1	179.2	203.0	
667	1059.2	135.9	153.6	159.7	183.5	189.9	213.4	
668	1043.3	95.6			117.2	123.9	138.2	
669	1036.3	102.1			123.4	130.5	145.7	
670	1049.1	103.0	122.2	129.8	151.8	160.0	173.1	
671	1044.9	127.2			144.9	153.7	171.4	
672	1058.0	114.3	132.3	138.1	160.9	168.2	189.9	
673	1037.2	122.5			143.0	149.7	166.7	
674	1064.7	127.7	143.0	149.7	171.3	179.2	204.5	
675	1078.4	182.4	200.7	206.8	226.9	234.2	259.2	
676	1084.5	179.5	192.6	200.3	222.2	229.8	252.7	
677	1064.4	132.0	146.6	153.9	174.7	181.1	207.3	
678	1062.8	127.1					197.8	
679	1060.7	125.9	143.6	150.3	169.5	176.8	199.6	
680	1043.6	86.3					162.5	
681	1041.2	93.9					168.6	
682	1059.2	92.4					168.6	
683	1032.7	140.5						
684	1061.9	152.7					231.3	
685	1003.5	85.4			85.4	92.4	177.8	
689	1059.2	242.0	259.7	265.5	294.7	302.4	341.1	
690	1052.2	227.4	247.2	253.3	283.5	291.4	334.1	
691	1052.5	236.2	256.3	262.1	291.7	299.6	341.1	
692	1057.7	251.5	271.3	277.4	307.8	316.1		
693	1050.6	232.9	253.6	259.7	290.2	296.9	338.0	



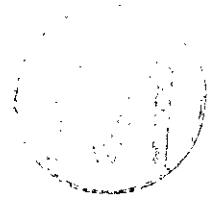
FFG No.	Reference Elevation	Forty niner	Depths (meters) to Top of Units				Salado salt	Revisions
			Mag-enta	Tama-risk	Cul-ebra	ulm		
694	1042.4	232.3	253.0	259.1	292.0	299.3	362.1	
695	1048.5	234.4	253.6	259.7	292.0	299.3	345.9	
696	1050.6	234.7	253.6	260.0	292.3	299.0	347.5	
697	1045.8	227.7	246.6	252.1	285.6	291.7	345.9	
698	1039.7	178.3	198.1	204.2	237.7	244.4	304.8	
699	1029.6	218.5	236.8	242.9	274.0	280.1	338.6	
700	1027.1	225.7	244.6	250.1	277.8	282.7	344.9	
701	1032.1	221.5	243.5	250.2	282.5	291.3	345.6	
702	1036.6	224.9	243.8	249.9	281.0	289.6	342.9	
703	1047.0	229.8	248.1	255.4	285.3	293.2	330.1	
704	1032.7	226.5	247.2	253.3	287.1	295.4	346.3	
705	1023.8	288.3	308.2	314.2	344.1	352.0	413.0	
706	1025.7	270.7	289.6	295.0	323.4	331.3	388.6	
707	1019.3	278.3	299.0	305.1	332.5	342.3	402.6	
708	1026.6	235.0	253.3	259.4	289.9	297.8	356.9	
709	1008.6	327.1	344.1	349.9	375.8	382.8		
710	1007.4	324.9	342.0	348.1	375.8	382.2	428.2	
711	1012.9	318.5	337.7	344.7	378.3	386.8	442.3	
712	1018.0	282.4	299.2	307.1	339.7	348.5		
713	1011.3	338.8	355.5	363.2	390.6	397.6		
714	1024.1	233.8	253.9	262.2	292.6	299.0		
715	1025.3	225.6	242.3	250.5	283.5	290.2		
716	1060.6	362.7	379.8	384.0	455.7	463.3	507.5	
717	1056.1	333.6	352.8	358.0	383.9	390.9	434.2	
718	1044.9	321.4	338.2	344.0	380.2	388.8	432.1	
719	1040.4	343.7	361.0	366.2	414.4	421.7	469.2	
720	1019.9	320.3	340.8	348.4	394.1	405.4	449.3	
721	1026.9	328.9	347.8	353.3	380.7	387.4	432.5	
722	1063.4	297.8	345.0	350.5	348.1	357.2	396.8	
723	1054.3	246.1	262.6	269.0	291.5	299.2	341.8	
724	1044.2	305.3	325.1	330.6	357.7	366.2	410.4	
725	1029.6	317.3	334.7	339.9	376.7	383.1	419.1	
726	1018.6	319.7	335.9	341.1	370.0	377.6	429.5	
727	1020.8	317.9	340.8	345.9	381.6	390.1	445.3	
728	1012.2	315.8	334.4	338.9	365.5	374.0	421.8	
729	1014.4	307.8	325.5	330.7	365.5	373.4	418.5	
730	1018.9	294.1	313.3	317.6	345.3	353.6	396.2	
731	1022.3	301.6	319.3	324.5	351.9	359.5	404.6	
732	1040.3	300.8	319.7	327.1	353.9	362.1		
733	1028.4	221.9	240.8	247.2	278.6	286.5	330.1	
734	1029.0	270.4	287.1	292.0	321.6	329.8	374.9	
735	1016.5	312.4	331.9	337.4	377.6	386.2	432.5	
736	1025.6	266.9	286.5	293.2	349.2	357.8	410.2	
737	1040.5	337.9	357.7	361.7	420.2	428.7	481.2	
738	1018.3	304.5	321.3	325.8	356.3	363.9	408.1	
739	1015.1	261.2	280.7	285.3	320.3	331.3	386.5	
740	1015.6	260.9	278.9	285.0	353.0	362.4	406.6	
741	1014.7	293.5	311.8	317.0	356.0	363.6	412.4	
742	1023.8	249.3	270.1	275.2	323.1	333.1	377.3	
743	1013.2	256.0	272.8	278.0	327.1	338.0	382.5	



Top Tamarisk, Magenta wrong



FFG No.	Reference Elevation	Forty niner	Depths (meters) to Top of Units				Salado salt	Revisions
			Mag- enta	Tama- risk	Cul- ebra	ulm		
744	1012.5	272.8	289.6	294.7	335.3	341.7	382.5	
745	1006.4	276.1	297.5	300.5	348.7	356.0	408.1	
746	1007.5	287.7	308.4	314.5	362.0	370.3	425.7	
747	1016.2	234.1	253.0	259.1	290.2	297.2		
748	999.7	207.9	224.6	231.6	259.7	267.9	315.5	
749	1000.7	362.1	380.4	386.5	412.7	419.1	474.0	
750	996.4	298.7	315.8	323.7	351.1	359.7		
751	997.0	419.7	436.8	441.7	466.6	475.2	510.2	
753	991.5	329.1	354.1	359.5	389.4	397.3		
754	983.6	272.2	292.3	299.0	327.4	335.9	382.8	
755	980.8	342.6	357.2	364.8	375.5	383.1	552.3	
756	965.3	176.8	195.1	201.2	222.8	230.7	294.7	
757	966.8	173.7	192.6	197.2	226.2	234.7	292.6	
759	975.4						384.7	
760	983.0	386.0	402.5	408.0	433.9	443.0	480.2	
761	953.4	178.9					282.2	
762	956.5	192.5	214.1	219.9	252.8	261.4	317.8	
763	951.6	174.0	192.3	198.7	239.3	246.9	297.5	
764	945.8	167.0	185.6	191.7	222.2	229.5		
765	946.4	164.1	182.7	191.9	226.6	232.7	290.6	
766	950.7	252.1	270.7	277.4	306.6	315.8	363.3	
767	959.2	277.1	294.4	299.9	329.5	337.7	377.6	
768	941.5	153.6	172.2	178.6	216.1	223.7	278.0	
769	943.4	143.6	162.8	168.9	208.8	214.6	271.0	
770	1011.6	282.3	297.0	301.8	331.7	340.6	386.6	
771	1011.6	292.3	310.6	316.7	356.9	365.5	411.2	
772	1014.7	274.6	294.1	299.3	332.5	341.1	386.5	
773	1007.7	234.6	253.2	259.3	290.1	298.6	343.7	
774	1003.4	237.3	257.1	263.5	302.2	309.8	354.0	
775	1016.5	280.1	300.2	306.6	338.6	345.6	399.0	
776	1015.0	276.5	295.4	301.4	338.9	348.1	393.5	
777	1022.6	239.9	258.2	263.7	294.1	303.9	345.9	
778	1009.5	280.8	299.7	306.1	336.9	345.7	389.3	
779	1002.8	272.5	291.4	298.4	328.9	338.0	383.7	
780	991.8	222.4	243.1	248.9	280.3	288.2	331.8	
781	958.9	206.3	227.7	233.2	267.3	277.4	334.1	
782	990.3	234.1	253.9	261.5	290.8	299.6	344.7	
783	1002.8	266.7	286.2	292.0	323.1	330.7	373.7	
784	1005.5	256.3	274.6	279.5	321.0	326.4	363.0	
785	1019.3	244.1	266.7	274.3	304.8	313.3	356.6	
786	1014.7	253.6	271.9	278.0	310.6	320.0	358.4	
787	995.2	242.9	261.5	268.2	301.1	309.1	350.8	
788	976.3	219.8	239.9	245.4	277.7	285.9	325.2	
789	950.4	197.8	218.2	224.0	263.0	270.1	322.8	
790	943.1	185.6	204.5	210.0	246.6	255.7	312.7	
791	1005.2	292.5	316.8	322.0	366.8	376.3	422.0	
792	1008.3	257.6	276.1	279.5	317.0	326.4	373.4	
793	1016.5	235.9	254.2	259.4	324.0	333.1	353.3	
794	1014.4	240.8	256.3	262.1	290.5	298.7	344.4	
795	1011.3	232.0	251.2	254.8	293.8	302.1	346.3	



FFG No.	Reference Elevation	Forty niner	Depths (meters) to Top of Units				Salado salt	Revisions
			Mag- enta	Tama- risk	Cul- ebra	ulm		
796	1027.2	213.4	231.6	237.7	271.0	279.2	322.5	
797	1027.8	228.6	246.3	252.4	284.1	293.5	334.7	
798	1027.8	231.0	250.2	256.6	289.5	298.1	337.7	
799	1015.3	194.2	213.4	217.9	256.0	262.7	306.3	
800	987.7	239.3	257.3	261.2	294.4	301.8	349.9	
801	979.0	289.4	307.1	311.7	354.3	363.5	408.3	
802	1001.3	249.3	267.0	271.0	309.7	318.8	366.1	
803	929.0	204.8	224.9	228.6	266.7	276.8	322.5	
804	953.4	241.2	261.7	265.0	301.6	311.4	356.5	
805	999.6	310.2	335.0	338.9	382.2	390.8	445.6	
806	963.2	314.2	331.9	335.6	366.1	374.0	417.3	
807	944.3	260.0	280.1	285.6	317.9	326.7	371.9	
808	935.7	266.1					378.0	
809	929.0	210.0	230.7	235.0	271.0	280.4	325.8	
810	928.7	222.8	242.9	246.9	287.1	293.5	339.2	
811	909.9	377.2	391.8	396.4	432.0	441.2	488.4	
812	961.0	302.4	334.1	337.1	409.7	423.4	475.2	
813	939.7	287.4	312.4	317.0	375.8	386.2	443.5	
814	905.3	206.5	225.4	229.4	265.0	274.2	316.8	
815	932.0	275.7	301.6	304.6	350.4	359.5	415.0	
817	1009.8	327.7	351.4	359.7	399.3	406.9		

This table was created by reproducing Table 2 of Richey (1989) with a few additional notations where obvious typographical errors or duplications occurred.

Locations and other data for each borehole can be found in a supplemental table in this appendix.

Cross-referencing is through the FFG number assigned to the drillhole by Richey.