

FORMATION TOPS

Permian

Rustler	1648
Tansil	3646
Yates	3670
Cherry Canyon	5680
Brushy Canyon	6095
Bone Springs	8435
First Sand	9560
Second Sand	10,048
Lower Carbonate	10,460
Wolfcamp (NMO&GC)	11,224
Pennsylvanian	11,528
Strawn	11,691
Atoka	12,113
Morrow Lime	12,675
Morrow "D" Marker	12,878

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION	FROM	TO	THICKNESS IN FEET	FORMATION
0	850	850	Surface	11994	12015	21	Lime, Chert-Shale
850	928	78	Surface Redbed	12015	12057	42	Lime, Sand-Shale
928	1020	92	Redbed & Anhyd.	12057	12653	596	Lime-Shale
1020	1675	655	Anhyd. & Salt	12653	12757	104	Lime, Shale-Chert
1675	1760	85	Anhyd.-Dolo.	12757	12780	23	Lime, Shale-Sand
1760	2409	649	Salt	12780	12828	48	Lime-Shale
2409	3242	833	Salt & Anhyd.	12828	12895	67	Lime-Sand
3242	3556	314	Salt, Shale, &	12895	12940	45	Lime-Shale
			Dolo.	12940	12972	32	Shale-Sand
3556	3683	127	Shale-Dolo.	12972	13012	40	Lime-Shale
3683	4183	500	Dolo.-Anhyd.	13012	13081	69	Shale-Sand
4183	4230	47	Sand-Lime	13081	13092	11	Sand
4230	4442	212	Dolo.-Shale	13092	13395	303	Shale-Sand
4442	4533	91	Sand	13395	13435	40	Lime-Sand
4533	5012	479	Sand-Lime				
5012	5344	332	Lime, Sand-Dolo.				
5344	5606	262	Dolo.-Lime-Shale				
5606	5725	119	Lime-Dolo.				
5725	5800	75	Lime				
5800	6290	490	Sand-Lime				
6290	7361	1071	Shale-Sand				
7361	8167	806	Shale-Lime				
8167	8385	218	Shale				
8385	8784	399	Lime				
8784	8927	143	Lime-Shale				
8927	9437	510	Lime				
9437	9558	121	Shale, Lime-Chert				
9558	10959	1401	Lime-Shale				
10959	11014	55	Shale				
11014	11171	157	Shale-Lime				
11171	11241	70	Shale				
11241	11249	8	Shale-Lime				
11249	11274	25	Shale				
11274	11316	42	Shale-Lime				
11316	11338	22	Lime				
11338	11362	24	Lime-Shale				
11362	11376	14	Shale				
11376	11686	310	Shale-Lime				
11686	11709	23	Shale				
11709	11725	16	Shale-Lime				
11725	11748	23	Lime, Shale-Sand				
11748	11776	28	Lime-Shale				
11776	11847	71	Lime, Shale-Chert				
11847	11943	96	Chert-Lime				
11943	11950	7	Lime-Shale				
11950	11994	44	Lime-Chert				

TD 13,435'

OIL CONSERVATION DIV.

FEB 15 1980

RECEIVED