

DEPTH	FEET	DESCRIPTION
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FORMATIONS RECORDS CONTINUED

10885	32	Lime
10903	18	Lime and Shale
10918	15	Lime and Chert
10923	5	Lime
10928	5	Hard Sand
10955	27	Lime and Sand
10970	15	Shale
10986	16	Lime
10993	7	Shale
11521	528	Lime and Shale - Reached 11,000' 4:AM 10-29-52
11523	2	Lime and Sand
11538	12	Sandy Lime and Shale
11620	85	Lime and Sand
11627	7	Lime and Chert
11634	7	Lime, Sand and Chert
11640	6	Lime and Sand
11710	70	Lime and Chert
11865	155	Lime
11934	69	Lime and Chert
12155	221	Lime and Shale - Reached 12,000' 2:AM 12-16-52
12359	204	Lime
12470	111	Lime and Chert
13112	642	Lime - Reached 13,000' 7:PM 1-15-53
13212	100	Lime and Shale
13252	40	Lime
13267	15	Lime and Shale
13341	74	Lime - Total Depth
9210	-	Plugged back from 13,341'

DEVIATION		ACID BOTTLE	FORMATION TOPS
DEPTH'	ANGLE°		
		Yates	990'
		San Andres	2600'
		Glorieta	4070'
200	0	Tubbs	5540'
605	0	Abo	6225'
850	0	Wolfcamp	7530'
952	0	Miss.	11462'
1070	1/2	Woodford	11990'
		Devonian	12040'
		Montoya	12770'
		Simpson	13025'
		Ellenburger	13150'

DEVIATION - TOTCO SURVEYS

DEPTH'	ANGLE°	DEPTH'	ANGLE°
1125	1	4127	3/4
1225	1-1/2	4276	1-3/4
1285	1-3/4	4349	1
1350	1-3/4	4395	1
1450	1-1/2	4560	1-1/4
1670	1-1/4	4604	1-1/4
1794	1-1/2	4660	1-1/4
1885	1-1/2	4700	1
1975	1	4760	3/4
2065	3/4	4830	1
2250	1/2	4925	3/4
2370	1-1/4	5040	1/2
2500	1	5100	1
2600	1/4	5180	3/4
2733	3/4	5270	3/4
2814	3/4	5360	3/4
2950	1/4	5440	3/4
3113	1/2	5520	3/4
3242	0	5570	1
3453	1	5650	3/4
3510	1/4	5730	3/4
3592	1/4	5800	1-1/4
3681	1/4	5880	1
3780	1/2	6080	1
3900	1/4	6160	1
4000	3/4	6200	1

RECEIVED
U. S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO
1-11-53

