

FORMATIONS (Continued)

<u>FROM:</u>	<u>TO:</u>	<u>FEET:</u>	<u>FORMATION</u>
10147	10221	74	Lime
10221	10230	9	Shell & lime
10230	10280	50	Lime & shale
10280	10339	59	Lime, shale & chert
10339	10392	53	Shale & lime
10392	10396	4	Lime, shale & chert
10396	10435	39	Shale & lime
10435	10466	31	Shale & chert
10466	10501	35	Lime, shale & chert
10501	10575	74	Shale & lime
10575	10610	35	Lime
10610	10611	1	Lime & shale
	10611		Total Depth
10611	10593	18	P.B.T.D. (Top of cement in 5-1/2" OD Casing)

DRILL STEM TEST:

FROM: TO:
 10430' 10611' 1" Top and 5/8" bottom chokes, no water blanket. Tool opened 6:27 AM 4-14-54. Tool opened 3-1/2 hours had strong air blow immediately, gas to surface in 6-1/2 minutes, decreasing to weak blow at end of test. Pulled out of hole, recovered 90' drilling mud, 180' oil and gas cut mud, 990' heavily oil and gas cut mud, 900' of slightly mud cut oil, 270' oil cut mud, and 180' clean oil below circulating sub. Estimated 100 MCF/D gas at start of test, no water. Initial and final flowing pressure 1470#, hydrostatic pressure 5060#, 20 min. shut in pressure 3455#.

DEFLECTION TESTS:

<u>FOOTAGE</u>	<u>DEGREES</u>	<u>FOOTAGE</u>	<u>DEGREES</u>	<u>FOOTAGE</u>	<u>DEGREES</u>
364	1/4	5956	1-1/2	7530	2
970	3/4	6077	1-1/2	7615	1-1/2
1400	2-3/4	6203	3-3/4	7665	2
1490	2-3/4	6280	4	7720	1-3/4
1540	2-3/4	6296	3-3/4	7900	1-1/2
1655	2-1/2	6350	3-3/4	7982	1-1/4
1771	2	6395	3-3/4	8100	3/4
1880	1/2	6420	3-3/4	8212	3/4
1991	1	6445	3-1/4	8340	3/4
2728	1/2	6470	3-3/4	8423	1-1/4
2824	3/4	6492	3-3/4	8610	3/4
3157	1/4	6524	3-3/4	8850	3/4
3363	1/4	6547	3-1/4	9065	1/4
3535	1/4	6558	3-1/4	9150	1
3933	1	6595	3-1/4	9328	3/4
4010	1-1/4	6615	3-1/4	9440	1
4200	1	6652	3	9540	3/4
4350	1/4	6696	2-3/4	9687	3/4
4690	1/2	6760	2-1/2	9795	3/4
4813	1	6842	2-1/4	9834	1/4
4905	1-1/4	6905	2-1/4	9965	1/2
4991	1-1/2	6986	2-1/2	10052	1/2
5067	1-3/4	7050	2-1/4	10105	1/2
5334	1-3/4	7200	2	10175	1/2
5461	2	7286	1-3/4	10262	1/4
5730	1-1/4	7358	1-3/4	10364	1/2
		7447	1-3/4		