

DEFLECTION TESTS

<u>DEPTH</u>	<u>DEGREES</u>	<u>DEPTH</u>	<u>DEGREES</u>	<u>DEPTH</u>	<u>DEGREES</u>
100	3/4	4904	1/2	9315	3/4
330	3/4	5313	1/4	9601	3/4
470	3/4	5570	1/2	9935	3/4
800	1/4	5732	1/2	10090	1/4
1210	1/2	6042	1/2	10342	3/4
1620	1/4	6400	1/2	10410	3/4
1840	3/4	6855	1/2	10565	1/2
2240	1-1/2	7170	1/2	10686	3/4
2612	1-1/2	7416	3/4	10824	1
2898	2	7794	3/4	10935	1
3260	1-1/2	7875	1/4	11025	1-1/4
3313	1-3/4	8200	3/4	11150	1
3585	3/4	8488	1/2	11220	1-1/2
3805	1-1/4	8732	0	11350	1-1/4
4183	1/4	8795	1/4	11495	1
4625	1/4	9006	1/4	11668	0

Drill Stem Test Wolfcamp 9875' to 9935', 5/8" x 1/2" chokes, no water blanket, tool open 3 hours, gas to surface in 10 minutes at rate of 24 MCF/D, after 1 hour 12.6 MCF/D, after 1-1/2 hours 32.2 MCF/D, after 3 hours 61.75 MCF/D. Reversed out 85 barrels oil, gravity 41 deg at 60 deg. Recovered 60' muddy drilling water. 30 minute initial shut in pressure 3947' increasing, flowing pressure initial 1485#, final 2573#, 2 hour final shut in pressure 2795# increasing, hydrostatic pressure 4420#, bottom hole temperature 151 Deg.