

RECEIVED 16 AM 8:21

FROM:	TO:	FEET:	FORMATION:
10630	10683	53	Shale & lime
10683	10755	72	Shale
10755	10814	59	Lime & shale
10814	10817	3	Lime & chert
10817	10844	27	Lime, chert & shale
10844	10899	55	Lime & chert
10899	10923	24	Lime, chert & shale
10923	10983	60	Lime & chert
10983	11000	17	Lime, chert & shale
11000	11142	142	Lime & chert
11142	11162	20	Lime, chert & shale
11162	11328	166	Lime & chert
11328	11480	152	Shale
11480	11528	48	Shale & lime
11528	11580	52	Lime
11580	11626	46	Lime & dolomite
11626	11725	99	Lime
	11725		TOTAL DEPTH
11725	11685	40	P.B.T.D.

DEFLECTION TESTS

DEPTH	DEGREE	DEPTH	DEGREE
210	1/4	8900	1-1/4
440	1/2	9102	1-1/2
1380	3/4	9218	2
2130	1/2	9348	1-1/2
3117	1	9398	1-3/4
3320	1/2	9448	1-3/4
3673	1-3/4	9640	1-3/4
3798	1-1/2	9815	1-1/2
4334	1-1/2	10205	1/2
4740	3/4	10375	1
4835	1	10475	1/2
5103	3/4	10503	1
5335	3/4	10620	1-1/4
5645	3/4	10715	2
5895	1	10785	2
6634	3/4	10807	2
7034	3/4	10950	2
7270	1	11098	2-1/4
7535	1	11250	3
7785	1-1/4	11325	2
7954	3/4	11450	3-1/2
8445	3/4	11598	3-1/2
8819	1-1/2	11698	4-3/4

DRILL STEM TESTS:

- DST # 1: Lower Leonard from 8830' to 9011', 1" x 5/8" chokes, tool open 3 hours, had weak air blow throughout test. Pulled out of hole, recovered 60' of oil and gas cut mud. 30 minute initial shut in pressure 200#, flowing pressure initial and final 132#, 1-1/2 hour final shut in pressure 270#, still increasing.
- DST # 2: Wolfcamp from 9830' to 9871', 1" x 5/8" chokes, no water blanket, tool open 3 hours. Had good air blow for 10 minutes, decreased to very slight blow remainder of test. Recovered 5530' of gas in drill pipe and 70' of heavily oil and gas cut mud, 20% oil, no water. 30 minute initial shut in pressure 1005#, flowing pressure initial 45#, final 45#, 1 hour final shut in pressure 210#, still increasing, hydrostatic pressure 4480#-4455#. Bottom hole temperature 140 deg.
- DST # 3: Lower Wolfcamp from 9920' to 10,025', tool open 3 hours, gas to surface in 25 minutes, had weak gas blow throughout test. Recovered 475' of oil and gas cut mud, 71% 41 deg. gravity oil, no formation water. 30 minute initial shut in pressure 3902#, flowing pressure initial 175#, final 232#, 1 hour final shut in pressure, still increasing, hydrostatic pressure 4652#, bottom hole temperature 144 deg.