

Address Box 1927, Hobbs, N.M.

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	324	324	Surface & Caliche
324	630	306	Blue Clay
630	1277	647	Redbed
1277	1907	630	Redbed & Anhydrite
1907	2315	408	Anhydrite & Gyp
2315	2989	674	Anhydrite, Gyp & salt
2989	4382	1393	Anhydrite & Gyp
4382	4422	40	Anhydrite, Gyp & lime
4422	6418	1996	Lime
6418	7468	1050	Lime & Shale
7468	8117	649	Lime
8117	8146	29	Lime & Shale
8146	8277	131	Lime
8277	9120	843	Lime & Shale
9120	9134	14	Lime & Chert
9134	9174	40	Lime, shale & chert
9174	9195	21	Lime & Shale
9195	9256	61	Lime
9256	9275	19	Lime & Shale
9275	9296	21	Lime & Chert
9296	9369	73	Lime & Shale
9369	9478	109	Lime
9478	9500	22	Lime & Shale
9500	9513	13	Lime
9513	9537	24	Lime & Shale
9537	9650	113	Lime
9650	9742	92	Lime & Shale
9742	9768	26	Lime
9768	10010	242	Lime & Shale

Plugged back to 9650

DEVIATION TEST

<u>TOTAL DEPTH</u>	<u>DEGREES OFF</u>	<u>TOTAL DEPTH</u>	<u>DEGREES OFF</u>
330	3/4	6015	1/2
585	1	6200	1/2
850	1/2	6830	1
1610	1/4	6945	1 1/4
2570	3/4	7535	1
3100	1/2	7745	1 1/4
3340	3/4	8210	1 1/2
3490	1	8270	1 1/4
3610	1	8490	1
3840	3/4	8790	1 1/4
3990	1/2	8860	1
4065	1	9050	3/4
4390	1/2	9230	1/2
4625	3/4	9365	3/4
4735	1	9425	1/2
5190	3/4		
5365	1/2		
5860	1/4		

CORE RECORD

9430-9475
9500-9537
9540-9573
9573-9600
9600-9650

DRILL STEM TESTS

- #1 Wolfeamp, 9482-9537, 5/8" bottom & 1" top chokes, Open 3 hours & 35 Minutes
Gas to surface in 6 minutes. Oil to surface in 2 hours & 35 minutes. Flowed
22 barrels oil in 1 hour. Gravity 41. GOR 1,000. 15 Minute HUP 2985#
Recovered 90' of drilling mud oil & gas out. Initial FP 250#, final 1595#
- #2 Wolfeamp 9540-9600, 5/8" bottom & 1" top chokes, Open 6 hours. Gas to surface
in 3 minutes, mud to surface in 9 minutes, clean oil to surface in 33 minutes
Flowed 60 barrels clean oil per hour w/300# back pressure on top choke.
Gravity 44.1, GOR 1600#. Circulated out 25 barrels oil. Recovered 220' of oil
and gas out drilling mud. Flowing pressure initial 2170#, final 2720#
Shot in pressure 3360#
- #3 Wolfeamp 9612-9650, 5/8" bottom & 1" top chokes, Open 3 hours, gas to surface
in 11 minutes. Oil & water to surface in 2 hours. Flowed 10 barrels oil & water
in 1 hour. (40% oil & 60% water) Circulated out 25 barrels fluid. Recovered
210' of salt water with small show of oil. Initial FP 2320, final 2250#
Hydrastatic pressure 4625# 15 Minute HUP 3415#