

Name *W. B. R. King*
 Position *Asst. Supt.*
 Representing *Standard Oil & Gas Co.*
 Date *Aug. 15, 1931*
 Place *Wabash, N.M.*
 Company or Operator *Wabash, N.M.*

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	50	50	Caliche
50	250	200	Sandy Shells
250	365	115	Sandy shale & shells
365	1490	1125	Shells & Red Bed
1490	2280	790	Red Bed & Anhydrite
2280	2922	642	Anhydrite, Gyp & salt
2922	3016	94	Anhydrite & salt
3016	3943	927	Anhydrite & Gyp
3943	4455	512	Anhydrite
4455	4464	9	Anhydrite & Lime
4464	6163	1699	Lime
6163	9380	3217	Lime & Shale
9380	9498	118	Lime
9498	9567	69	Lime & Shale
9567	9780	213	Lime
9780	10570	2790	Lime & Shale
10570	10742	172	Lime & chert
10742	10765	23	Chert & Shale
10765	10907	142	Lime & Chert
10907	10923	16	Lime & Shale
10923	11130	207	Lime & Chert
11130	11211	81	Lime, Shale & Chert
11211	11282	71	Gray lime
11282	11426	144	Lime & Chert
11426	11433	7	Dolomite & Chert
11433	11750	317	Lime & Chert
11750	11790	40	Lime, Shale & Chert
11790	11813	23	Shale
11813	11879	66	Lime & Shale
11879	12066	187	Lime
12066	12080	14	Lime & Chert
12080	12105	25	Lime

FORMATION TOPS

Anhydrite	2198
Yates	3043
San Andres	4405
Grayburg	5842
Tubbs	7091
Fullerton	7203
Abo	7753
Wolfcamp	9020
Pennsylvania	9796
Mississippi	11118
Woodford	11742
Devonian	11836

DEVIATION RECORD

DEPTH	DEGREES OFF	DEPTH	DEGREES OFF
200	1/4	10935	2 1/2
340	1	10975	3 1/2
550	1/4	10990	3 3/4
1019	3/4	11038	4
1920	1/4	11070	4 1/2
2770	1/2	11085	4 3/4
4000	1 1/4	11235	4 1/4
4190	3/4	11280	4
4300	1 1/4	11360	4 1/4
4810	3/4	11400	4
5795	1	11502	4 3/4
5890	1/2	11610	3 3/4
6170	1	11950	4 1/4
7030	1/2	12015	4 1/4
7283	1 1/2		
7360	1/2		
8905	3/4		
9230	1/4		
10765	1 1/4		
10795	2		

DRILL STEM TESTS

DST #1 9520 to 9610 - 5/8" bottom & 1" top chokes - Open 1 hour & 45 minutes - gas to surface in 3 minutes - oil to surface in 8 minutes - flowed last hour 100 barrels of oil - recovered 1000 feet of clean oil - no water - Initial flowing pressure 2800# Final flowing pressure 3475# - 15 Minute BUP 3675#.

DST #2 10005 to 10065 - Packer failed

DST #3 10033 to 10065 - 5/8" bottom & 1" top chokes - open 45 minutes - fair blow for 20 minutes but died - recovered 90 feet of drilling mud. FP 375# 15 Min. BUP 375#

DST #4 11860 to 11922 - 5/8" bottom & 1" top chokes - Open 1 hour & 30 minutes - slight blow for 2 1/2 minutes - recovered 90 feet of slightly oil & gas cut mud - FP 1100# 15 Minute BUP 1100#.

DST #5 11900 to 11972 - 5/8" bottom & 1" top chokes - Open 1 hour - slight blow for 16 minutes and died - recovered 40 feet of drilling mud with slight show of oil.

DST #6 11970 to 12050 - 5/8" bottom & 1" top chokes - open 2 hours & 30 minutes slight blow for 25 minutes and died - recovered 30 feet of drilling mud. - No show of oil or gas - FP 1000# - No BUP

DST #7 12050 to 12100 packer failed

DST #8 12039 to 12100 packer failed

DST #9 12075 to 12105 - 1/4" bottom and 1" top chokes - open 4 hours - slight blow throughout test - recovered after water blanket - 640 feet of salt water and 260 feet of drilling mud.

Plugged back from 12105 to 9922 with 75 sacks of cement

Ran 9916 feet of 5 1/2" OD 17# casing and cemented with 800 sacks cement

Perforated 5 1/2" casing 9765 to 9790 with 75 open hole strip shots.

Ran 9800 feet of 2" tubing and swabbed back load water - No oil or gas.

Squeezed off perforations (9765 to 9790)

Perforated 5 1/2" casing 9555 to 9605 with 150 open hole strip shots. swabbed 80 Bbls. of water and well started flowing. Flowed 156 barrels oil and 39 barrels water in 12 Hrs.

Acidized with 3,000 gallons of M18 (Dowell Inc.) acid - flowed 1st 24 hours 680 Bbls. oil and 300 barrels of load water. Thru 20/64" choke

Flowed 2nd 24 hours thru 12/64" choke 240 barrels oil.

Orig: & cc: OCC
cc: WHC
RAW
EGC