

Case No.

296

Large Exhibits

NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

WELL RECORD

Map in Oil Conservation Commission, Santa Fe, New Mexico, of the proper permit and show the location of well. Please refer to the rules and regulations of the Commission. Failure to comply with the rules and regulations of the Commission will result in the well being closed and the permit being forfeited.

DATE OF PERMIT: 5-17-58

Continental Oil Company
Box 05, Hobbs, New Mexico

No. 1. from 8066 to 8170 No. 4. from 8066 to 8170

No. 2. from 8066 to 8170 No. 5. from 8066 to 8170

No. 3. from 8066 to 8170 No. 6. from 8066 to 8170

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rises in hole.

No. 1. from 8066 to 8170 feet.

No. 2. from 8066 to 8170 feet.

No. 3. from 8066 to 8170 feet.

No. 4. from 8066 to 8170 feet.

CASING RECORD

SIZE	DEPTH	MARK	AMOUNT	TYPE OF	CUT & FILLED	REPERFORATED	PURPOSE
10 3/4	32.75	SR	140	265	Galena		Shot off water
12 1/8	34	SR	140	265	Galena		Protect well
12 1/2	37	SR	255	3569	Galena		
15 1/2	34	SR	255	3569	Galena		
5 1/2	35.5	SR	255	3569	Galena	8140	Production

MUDGING AND CEMENTING RECORD

SIZE	DEPTH	WHERE SET	AMOUNT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
10 3/4	32.75	265	250	Pump & Plug		
7 1/8	31.49	323		Pump & Plug		
5 1/2	31.87	650		Pump & Plug		

PLUGS AND ADAPTERS

SIZE	DEPTH	LENGTH	DEPTH SET

RECORD OF SHOOTING OR CHEMICAL TREATMENT

SIZE	SHELL USED	EXPLLOSIVE OR CHEMICAL USED	QUANTITY	DATE	DEPTH SHOT OR TREATED	DEPTH CLEANED OUT
		Y-R Special Low Tension Acid	1000 Gal.	7-1-58	8140-8172	
		20K Y-R Special Low Tension Acid	5000 Gal.	7-5-58	8140-8172	

RESULTS OF SHOOTING OR CHEMICAL TREATMENT: Flowed at rate of 1896 bbls. oil per day.

RECORD OF DRILL-STEM AND SPECIAL TESTS

TOOLBAR USED

History tools were used from 0 feet to 8172 feet, and from 0 feet to 0 feet.

Production

Put to production July 5 1958

The production of the first 24 hours was 1896 barrels of fluid of which 100% was oil.

Rock pressure, lbs. per sq. in.

EMPLOYEES

O. G. Gibbs Driller
Otto Ward Driller
V. L. Lewis Driller

FORMATION RECORD ON OTHER SIDS

I hereby swear or affirm that the information given herewith is a complete and correct record of the well and all work done on it so far as can be determined from available records.

Subscribed and sworn to before me this 12th day of July 1958 at Hobbs, New Mexico

Name: M. L. Shain
Position: District Superintendent
Representing: Continental Oil Company
Address: Box 05, Hobbs, N. M.

NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

WELL RECORD

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DATE OF PERMIT: APR 27 1951

The Ohio Oil Company
L. O. Warlick

No. 1. from 1875 to 2312 No. 4. from 1875 to 2312

No. 2. from 1875 to 2312 No. 5. from 1875 to 2312

No. 3. from 1875 to 2312 No. 6. from 1875 to 2312

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rises in hole.

No. 1. from 1875 to 2312 feet.

No. 2. from 1875 to 2312 feet.

No. 3. from 1875 to 2312 feet.

No. 4. from 1875 to 2312 feet.

CASING RECORD

SIZE	DEPTH	MARK	AMOUNT	TYPE OF	CUT & FILLED	REPERFORATED	PURPOSE
13 3/8	65	SR	281	291	Galena		
8 5/8	32	SR	281	291	Galena		
5 1/2	17	SR	281	291	Galena	7130	7650 Production

MUDGING AND CEMENTING RECORD

SIZE	DEPTH	WHERE SET	AMOUNT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
11	13 3/8	305	300	RODUC		
11	8 5/8	2802	1300	"		
7 7/8	5 1/2	7688	1000	"		
5 3/8	7650	7650	7650	rod-pumped		

PLUGS AND ADAPTERS

SIZE	DEPTH	LENGTH	DEPTH SET

RECORD OF SHOOTING OR CHEMICAL TREATMENT

SIZE	SHELL USED	EXPLLOSIVE OR CHEMICAL USED	QUANTITY	DATE	DEPTH SHOT OR TREATED	DEPTH CLEANED OUT

RESULTS OF SHOOTING OR CHEMICAL TREATMENT: Well flowed 138.28 bbls. in 24 hrs. thru 15/8"

RECORD OF DRILL-STEM AND SPECIAL TESTS

TOOLBAR USED

History tools were used from 0 feet to 2312 feet, and from 0 feet to 0 feet.

Production

Put to production April 16 1951

The production of the first 24 hours was 138.28 barrels of fluid of which 100% was oil.

Rock pressure, lbs. per sq. in.

EMPLOYEES

G. H. Huff Driller
J. D. Gilboch Driller
J. H. Morris Driller

FORMATION RECORD ON OTHER SIDS

I hereby swear or affirm that the information given herewith is a complete and correct record of the well and all work done on it so far as can be determined from available records.

Subscribed and sworn to before me this 25 day of April 1951 at Hobbs, New Mexico

Name: J. H. Morris
Position: Assistant Superintendent
Representing: The Ohio Oil Company
Address: P. O. Box 1607, Hobbs, New Mexico

NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

WELL RECORD

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DATE OF PERMIT: MAY 4 1951

Ride Water Associated Oil Company
State 741

No. 1. from 7578 to 7900 No. 4. from 7578 to 7900

No. 2. from 7578 to 7900 No. 5. from 7578 to 7900

No. 3. from 7578 to 7900 No. 6. from 7578 to 7900

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rises in hole.

No. 1. from 7578 to 7900 feet.

No. 2. from 7578 to 7900 feet.

No. 3. from 7578 to 7900 feet.

No. 4. from 7578 to 7900 feet.

CASING RECORD

SIZE	DEPTH	MARK	AMOUNT	TYPE OF	CUT & FILLED	REPERFORATED	PURPOSE
12 1/8	16	SR	210	210	Galena		
8 5/8	28	SR	210	210	Galena		
5 1/2	15.5	SR	210	210	Galena	8127	8127 Production

MUDGING AND CEMENTING RECORD

SIZE	DEPTH	WHERE SET	AMOUNT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
12 1/8	16	210	210	RODUC		
8 5/8	28	210	210	"		
5 1/2	15.5	8127	8127	rod-pumped		

PLUGS AND ADAPTERS

SIZE	DEPTH	LENGTH	DEPTH SET

RECORD OF SHOOTING OR CHEMICAL TREATMENT

SIZE	SHELL USED	EXPLLOSIVE OR CHEMICAL USED	QUANTITY	DATE	DEPTH SHOT OR TREATED	DEPTH CLEANED OUT

RESULTS OF SHOOTING OR CHEMICAL TREATMENT: Before treating the well flowed 8.2 bbls. per hour. After treating it flowed 10 bbls. of oil per hour.

RECORD OF DRILL-STEM AND SPECIAL TESTS

TOOLBAR USED

History tools were used from 0 feet to 8127 feet, and from 0 feet to 0 feet.

Production

Put to production April 20 1951

The production of the first 24 hours was 308.37 barrels of fluid of which 180% was oil.

Rock pressure, lbs. per sq. in.

EMPLOYEES

R. B. Lee Driller
J. B. Sharp Driller
Flair Warlick Driller

FORMATION RECORD ON OTHER SIDS

I hereby swear or affirm that the information given herewith is a complete and correct record of the well and all work done on it so far as can be determined from available records.

Subscribed and sworn to before me this 4 day of May 1951 at Hobbs, New Mexico

Name: Flair Warlick
Position: District Superintendent
Representing: Ride Water Associated Oil Company
Address: Box 27, Hobbs, New Mexico

FORMATION RECORD			
FROM	TO	THICKNESS IN FEET	FORMATION
0	1270	1270	Surface sands and red beds.
1270	1389	119	Red beds and subpyrite.
1389	2720	1331	Anhydrite and salt.
2720	2795	75	Anhydrite and gyp.
2795	3088	293	Lime and gyp.
3088	7625	4537	Lime.
7625	7647	22	Shale.
7647	7732	85	Lime and shale.
7732	7878	146	Sand and shale.
7878	8170	292	Lime and shale.
8170	8191	21	Granite wash.

DST #1 (Hicks) from 7899 to 7806, packer failed to hold.

DST #2 (Hicks) from 7723 to 7806, tool open 1 hr. 20 mins. Gas to surface in 4 mins., fluid in 25 mins., flowed 10 mins., cleaning up. Then flowed 35.18 bbls. oil, no water, in 1 hr. with 607.7 MCF per day, GOR 780.

DST #3 (Connell) from 7949 to 8001, packer failed.

DST #4 (Connell) from 7927 to 8001, packer failed.

DST #5 (Connell) from 7971 to 8001, tool open 1 hr. 55 mins. Gas to surface in 6 mins., fluid in 30 mins., flowed 35 bbls. oil, no water, in 1 hr. Gas 607.4 MCF per day, GOR 797.

DST #6 (Hilshberger) from 8050 to 8191, tool open 3 hrs., good blow air throughout test. Recovered 45' drilling fluid, no oil or gas.

FORMATION RECORD			
FROM	TO	THICKNESS IN FEET	FORMATION
0	1221	1221	Surface Sand, Daliche, Red Beds.
1221	1485	264	Anhydrite.
1485	2171	686	Salt.
2171	6602	4431	Anhydrite, Dolomite and Shale.
6602	7446	844	Dolomite and Lime.
7446	7685	239	Sand
7685	7690	5	Lime

DEVIATION SURVEY	
Depth Taken	Degrees off Vertical
650	1/4
850	1/4
1290	1/4
1790	1/4
2310	1/4
3125	1/4
3755	1/2
4000	1/2
4528	1/4
4700	1/4
5265	1-1/4
5745	1-3/4
5795	2
6100	1-3/4
6488	2
6863	1-3/4
7150	2
7319	1-1/2
7550	1-3/4
7685	1-3/4

FORMATION RECORD			
FROM	TO	THICKNESS IN FEET	FORMATION
0	130	130	Shale
130	1370	1240	Red Bed, Sand, & Shale
1370	1380	10	Anhydrite and Salt
1380	1390	10	Anhydrite and Salt
1390	1400	10	Anhydrite and Gypsum
1400	1410	10	Anhydrite and Lime
1410	1420	10	Lime
1420	1430	10	Lime & Green Shale
1430	1440	10	Lime
1440	1450	10	Lime & Shale
1450	1460	10	Sand & Shale
1460	1470	10	Lime, Shale, and Dolomite, Lime
1470	1480	10	Dolomite, Lime
1480	1490	10	Granite

DEVIATION SURVEY	
Depth Taken	Degrees off Vertical
130	1/4
1370	1/4
1380	1/4
1390	1/4
1400	1/4
1410	1/4
1420	1/4
1430	1/4
1440	1/4
1450	1/4
1460	1/4
1470	1/4
1480	1/4
1490	1/4
1500	1/4
1510	1/4
1520	1/4
1530	1/4
1540	1/4
1550	1/4
1560	1/4
1570	1/4
1580	1/4
1590	1/4
1600	1/4
1610	1/4
1620	1/4
1630	1/4
1640	1/4
1650	1/4
1660	1/4
1670	1/4
1680	1/4
1690	1/4
1700	1/4
1710	1/4
1720	1/4
1730	1/4
1740	1/4
1750	1/4
1760	1/4
1770	1/4
1780	1/4
1790	1/4
1800	1/4
1810	1/4
1820	1/4
1830	1/4
1840	1/4
1850	1/4
1860	1/4
1870	1/4
1880	1/4
1890	1/4
1900	1/4
1910	1/4
1920	1/4
1930	1/4
1940	1/4
1950	1/4
1960	1/4
1970	1/4
1980	1/4
1990	1/4
2000	1/4
2010	1/4
2020	1/4
2030	1/4
2040	1/4
2050	1/4
2060	1/4
2070	1/4
2080	1/4
2090	1/4
2100	1/4
2110	1/4
2120	1/4
2130	1/4
2140	1/4
2150	1/4
2160	1/4
2170	1/4
2180	1/4
2190	1/4
2200	1/4
2210	1/4
2220	1/4
2230	1/4
2240	1/4
2250	1/4
2260	1/4
2270	1/4
2280	1/4
2290	1/4
2300	1/4
2310	1/4
2320	1/4
2330	1/4
2340	1/4
2350	1/4
2360	1/4
2370	1/4
2380	1/4
2390	1/4
2400	1/4
2410	1/4
2420	1/4
2430	1/4
2440	1/4
2450	1/4
2460	1/4
2470	1/4
2480	1/4
2490	1/4
2500	1/4
2510	1/4
2520	1/4
2530	1/4
2540	1/4
2550	1/4
2560	1/4
2570	1/4
2580	1/4
2590	1/4
2600	1/4
2610	1/4
2620	1/4
2630	1/4
2640	1/4
2650	1/4
2660	1/4
2670	1/4
2680	1/4
2690	1/4
2700	1/4
2710	1/4
2720	1/4
2730	1/4
2740	1/4
2750	1/4
2760	1/4
2770	1/4
2780	1/4
2790	1/4
2800	1/4
2810	1/4
2820	1/4
2830	1/4
2840	1/4
2850	1/4
2860	1/4
2870	1/4
2880	1/4
2890	1/4
2900	1/4
2910	1/4
2920	1/4
2930	1/4
2940	1/4
2950	1/4
2960	1/4
2970	1/4
2980	1/4
2990	1/4
3000	1/4