

N.

NEW MEXICO STATE LAND OFFICE

SANTA FE, NEW MEXICO

DEPARTMENT OF THE STATE GEOLOGIST

WELL RECORD

Mail to State Geologist, Santa Fe, New Mexico, not more than ten days after completion of well. Indicate questionable data by following it with (?). Submit in duplicate.

Company SHALLY OIL COMPANY Address Box 1680, Tulsa, Oklahoma
 Send correspondence to J. O. Greason Address Drawer Q, Wink, Texas
State "B" Well No. 2 in NE 1/4 NW 1/4 of Sec. 16, T. 21S,
 R. 34E, N. M. P. M., Hardee Oil Field Lea County.
 If State land the oil and gas lease is No. 2-1537 Assignment No. None
 If patented land the owner is _____, Address _____
 The lessee is Shally Oil Company, Address Tulsa, Oklahoma
 If not state or patented land, give status _____
 Drilling commenced May 12, 1935. Drilling was completed June 22, 1935 19____
 Name of drilling contractor Olsen Drilling Company, Address Tulsa, Oklahoma
 Elevation above sea level at top of casing 3800' 3800' feet.
 The information given is to be kept confidential until _____ 19____.

OIL SANDS OR ZONES

No. 1, from 3800 to 3804 No. 4, from 3847 to 3892
 No. 2, from 3807 to 3819 No. 5, from _____ to _____
 No. 3, from 3822 to 3836 No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from _____ to _____ No. 3, from _____ to _____
 No. 2, from _____ to _____ No. 4, from _____ to _____

CASING RECORD

SIZE	WEIGHT PER FOOT	THREADS PER INCH	MAKE	AMOUNT	KIND OF SHOE	CUT & PULLED FROM	PERFORATED		PURPOSE
							FROM	TO	
<u>3-5/8"</u>	<u>404</u>	<u>8</u>	<u>SS</u>	<u>1685'</u>	<u>Baker</u>				
<u>7" OD</u>	<u>244</u>	<u>10</u>	<u>SS</u>	<u>3780'</u>	<u>"</u>				

MUDDING AND CEMENTING RECORD

SIZE	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
<u>3-5/8"</u>	<u>1672'</u>	<u>400</u>	<u>Ballburton Plug</u>		
<u>7" OD</u>	<u>3755'</u>	<u>400</u>	<u>"</u>	<u>"</u>	

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth Set _____
 Adapters—Material _____ Size _____

SHOOTING RECORD

SIZE	SHELL USED	EXPLOSIVE USED	QUANTITY	DATE	DEPTH SHOT	DEPTH CLEANED OUT

TOOLS USED

Rotary tools were used from Surface feet to 3800 feet, and from _____ feet to _____ feet
 Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

PRODUCTION

Put to producing June 25, 1935
 The production of the first 24 hours was 241 barrels of fluid of which 100 % was oil; _____ %
 emulsion; _____ % water; and _____ % sediment. Gravity, Be. 34 @ 60
 If gas well, cu. ft. per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas _____
 Rock pressure, lbs. per sq. in. _____

EMPLOYEES

Pete Green, Driller J. R. Pearce, Driller
John Kirkhart, Driller _____, Driller

FORMATION RECORD ON OTHER SIDE

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 26th Name J. O. Greason
 day of June, 1935 Position Division Superintendent
E. R. Dommus Representing SHALLY OIL COMPANY
 Notary Public. Company or Operator.

My commission expires June 1, 1937

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	228	228	Sand & Red Beds
228	454	226	Red Bed & Shells
454	860	406	Red Beds & Shells
860	1010	150	Red Rock, Shale & Lime Shells
1010	1036	26	Lime
1036	1251	215	Red Beds & Shells
1251	1261	10	Lime
1261	1355	94	Shale & Shells
1355	1447	92	Anhydrite
1447	1453	11	Broken Salt
1453	1542	84	Broken Anhydrite
1542	1645	103	Shale & Salt
1645	1650	15	Salt
1650	1695	35	Anhydrite Cemented 9-5/8" casg at 1672 w/400 max
1695	2002	307	Anhydrite & Salt
2002	2024	22	Salt
2024	2039	15	Anhydrite & Salt Streaks
2039	2128	89	Anhydrite & Salt
2128	2180	52	Anhydrite, Salt & Potash
2180	2234	54	Anhydrite & Salt Streaks
2234	2294	60	Anhydrite, Salt & Potash
2294	2342	48	Salt, Potash & Lime
2342	2374	32	Anhydrite & Salt
2374	2420	46	Anhydrite, Potash & Salt
2420	2604	184	Anhydrite & Salt
2604	2674	70	Anhydrite, Red Shale & Salt Streaks
2674	2705	31	Anhydrite, Potash & Salt Streaks
2705	2727	22	Anhydrite & Lime
2727	2772	45	Lime & Gyp
2772	2834	62	Lime & Anhydrite
2834	2854	20	Brown Lime & Anhydrite
2854	2889	35	Brown Lime. Show of Gas at 2865'
2889	2918	29	Brown Lime & Anhydrite
2918	2943	25	Gray & Brown Lime
2943	2951	8	Gray Lime & Shale
2951	2960	9	Brown Lime. Show gas at 2951
2960	2976	16	Gray Lime
2976	2995	19	Gray Lime & Anhydrite
2995	3026	11	Sandy Brown Lime. Gas at 2995
3026	3049	23	Shale & Lime Shells
3049	3066	17	Gray & Brown Lime
3066	3103	37	Lime & Anhydrite
3103	3163	60	Brown Lime & Shale
3163	3293	130	Brown Lime
3293	3313	20	Brown & Gray Lime
3313	3369	56	Brown Lime
3369	3423	54	Brown & Gray Lime w/ Anhydrite Streaks
3423	3441	18	Brown & Gray Lime
3441	3458	17	Brown Lime & Anhydrite
3458	3488	30	Brown Lime
3488	3519	31	Gray Lime & Anhydrite
3519	3528	9	Brown Lime. Small show G & C 3519
3528	3536	8	Gray Lime
3536	3557	21	Broken Lime. Show gas at 3536
3557	3589	32	Broken Lime & Sandy Shale
3589	3647	58	Broken Lime. Gas at 3589 & 3615
3647	3890	243	Gray Lime. Set & Cemented 7" at 3755 w/400 max.
3890	3895	15	Sandy Gray Lime. Ran string 2-1/2" seamless steel tubing to 3890' and cased well in. Tested for potential on 6-25- 35, thru tubing thru 3/4" choke and well flowed at rate of 941 barrels pipe line oil per day with cas- ing pressure of 600# at outset of test and 575# at completion of test.