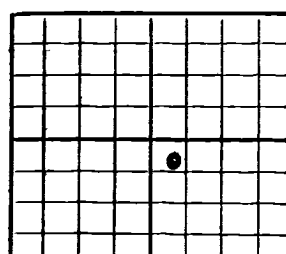


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NEW MEXICO STATE LAND OFFICE
SANTA FE, NEW MEXICO

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 THE OHIO OIL COMPANY Address BOX 37, HOBBS, NEW MEXICO.
 Send correspondence to THE OHIO OIL COMPANY Address BOX 37, HOBBS, NEW MEXICO.
STATE NORTHROP Well No. 4 in W. 1/4 of Sec. 32, T. 18S, R. 38E, N. M. P. M., Oil Field HOBBS LEA County.
 If State land the oil and gas lease is No. 1089 Assignment No. _____
 If patented land the owner is _____ Address _____
 The lessee is THE OHIO OIL COMPANY Address HOBBS, NEW MEXICO.
 If not state or patented land, give status _____
 Drilling commenced JULY 19, 1930 Drilling was completed SEPTEMBER 18, 1930
 Name of drilling contractor EASTLAND DRILLING COMPANY Address FORT WORTH, TEXAS.
 Elevation above sea level at top of casing 3638 feet.
 The information given is to be kept confidential until _____ 19____

OIL SANDS OR ZONES

No. 1, from _____ to _____ No. 4, from _____ to _____
 No. 2, from _____ to _____ No. 5, from _____ to _____
 No. 3, from _____ to _____ 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 AND PULLED FROM	PERFORATED		PURPOSE
							FROM	TO	
15 1/2"	70#	8	DB8	300'	REG. CSC.	NONE	NONE	NONE	
9-5/8"	40#	8	DB8	2750'	FLOAT	"	"	"	
7"	24#	8	DB8	3940'	"	"	"	"	

MUDDING AND CEMENTING RECORD

SIZE	WHERE SET	NO. SACKS OF CEMENT	METHODS USED	MUD GRAVITY	AMOUNT OF MUD USED
15 1/2"	300'	250	HALLIBURTON	---	---
9-5/8"	2750'	500	"	---	---
7"	3940'	350	"	---	---

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
			NO SHOTS			

TOOLS USED

Rotary tools were used from TOP feet to 4175' feet, and from _____ feet to _____ feet
 Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

PRODUCTION

Put to producing SEPTEMBER 18, 1930
 The production of the first 24 hours was 19,180 barrels of fluid of which 100 % was oil; 0 % emulsion; 0 % water; and 0 % sediment. Gravity, Be _____
 If gas well, cu. ft. per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas _____
 Rock pressure, lbs. per sq. in. 1600#

EMPLOYEES

C. E. MELTON A.M. Driller C. F. TARVER - PUSHER, DRIVER
W. T. MINER P.M. Driller E. GOULD - FOREMAN, DRIVER

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 21st day of January, 1931 Name W. C. Brown
 Position SUPERINTENDENT
 Representing THE OHIO OIL COMPANY Company or Operator
 My commission expires Aug. 11 - 1934 Notary Public

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	18	18	HARD SAND.
18	20	2	ROCK
20	25	5	HARD SAND
25	90	65	SAND & CLAY
90	101	11	HARD SAND
101	117	16	CLAY, GRAVEL & STREAM HARD SAND
117	130	13	BROKEN SAND
130	133	3	HARD ROCK
133	190	57	BROKEN SAND
190	300	110	RED BEDS SET 1 5/8" CASING 300'
300	365	65	RED BEDS
365	370	5	HARD SAND
370	750	380	SAND & GRAVEL
750	760	10	HARD SAND
760	810	50	PACK SAND
810	1131	321	RED BEDS STREAKS PACK SAND
1131	1155	24	RED BEDS
1155	1189	34	HARD SAND
1189	1205	16	HARD SAND
1205	1227	22	HARD SAND & RED BEDS
1227	1231	4	GRANITE
1231	1242	11	HARD SAND RED BEDS
1242	1246	4	GRANITE WASH
1246	1287	41	HARD SAND & RED BEDS
1287	1300	103	RED BEDS
1300	1415	25	HARD SAND
1415	1419	4	RED BEDS & SHALE
1419	1470	51	RED BEDS
1470	1502	32	ANHYDRITE & STREAKS BENTONITE SHALE
1502	1600	98	ANHYDRITE
1600	1618	18	ANHYDRITE & STREAKS RED BEDS
1618	1625	7	RED BEDS & ANHYDRITE
1625	1704	79	SALT & ANHYDRITE
1704	1709	5	ANHYDRITE.
1709	1775	66	SALT & ANHYDRITE
1775	1780	5	ANHYDRITE
1780	1782	2	BROKEN SALT
1782	1789	7	ANHYDRITE
1789	1856	67	BROKEN SALT & ANHYDRITE.
1856	1974	118	SALT STREAKS OF ANHYDRITE
1974	2098	124	SALT, ANHYDRITE, SAND & GRAVEL.
2098	2205	107	SALT.
2205	2495	290	SALT
2495	2510	15	LIME & SHELLS
2510	2535	25	BROKEN LIME, SHELLS
2535	2560	25	SHALE
2560	2573	13	BROKEN LIME
2573	2576	3	GYP
2576	2600	24	GYP, BROKEN LIME
2600	2649	49	ANHYDRITE
2649	2665	16	SHALE
2665	2679	14	ANHYDRITE
2679	2691	22	STICKY SHALE.
2691	2710	19	POTASH, STREAKS OF GYP
2710	2714	4	ANHYDRITE
2714	2725	11	STICKY SHALE
2725	2750	25	ANHYDRITE & LIME SET 9-5/8" CASING 2750'
2750	2786	36	ANHYDRITE
2786	2796	10	GAS SAND
2796	2830	33	ANHYDRITE
2830	2918	88	ANHYDRITE & RED BEDS
2918	2941	23	ANHYDRITE & GYP
2941	2951	10	LIME
2951	3015	64	BROKEN ANHYDRITE
3015	3057	42	ANHYDRITE & LIME
3057	3145	88	ANHYDRITE
3145	3150	5	OIL SAND
3150	3154	4	ANHYDRITE & GYP
3154	3243	89	BROKEN ANHYDRITE & LIME STREAKS
3243	3316	73	ANHYDRITE
3316	3369	53	ANHYDRITE & LIME SHELLS
3369	3416	47	ANHYDRITE
3416	3475	59	ANHYDRITE & LIME SHELLS
3475	3515	40	LIME
3515	3562	47	ANHYDRITE
3562	3627	65	ANHYDRITE & LIME
3627	3672	45	ANHYDRITE & LIME SHELLS
3672	3736	114	ANHYDRITE
3736	3791	5	BLACK LIME
3791	3802	11	ANHYDRITE
3802	3817	15	ANHYDRITE WITH BREAKS LIME SHELLS
3817	3839	22	ANHYDRITE & LIME
3839	3843	4	ANHYDRITE BLACK LIME
3843	3855	12	LIME
3855	3940	85	LIME & ANHYDRITE SET 7" CASING 3940'
3940	3971	31	ANHYDRITE
3971	4070	99	BROKEN LIME
4070	4099	29	LIME
4099	4147	48	BROKEN LIME
4147	4175 T.D.	28	BROKEN LIME & OIL SAND