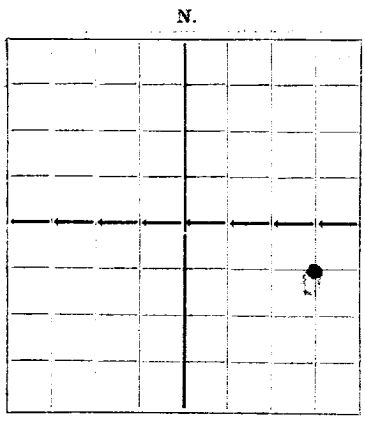
FORM C-105



AREA 640 ACRES
LOCATE WELL CORRECTLY

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

WELL RECORD

Mail to Oil Conservation Commission, Santa Fe, New Mexico, or its proper agent not more than twenty days after completion of well. Follow instructions in the Rules and Regulations of the Commission. Indicate questionable data by following it with (?). SUBMIT IN TRIPLICATE.

The Ohio Oil Company (Company or Operator) — Hobbs, New Mexico (Address)

Dayton Hardy (Lease) Well No. 1 in NE¼SE¼ of Sec. 20, T. 21 S

R. 37 E, N. M. P. M., Hardy Field, Lea County.

Well is 1980 feet North of the South line and 660 feet west of the East line of Sec. 20.

If State land the oil and gas lease is No. _____ Assignment No. _____

If patented land the owner is Dayton Hardy, Address Eunice, New Mexico

If Government land the permittee is _____, Address _____

The Lessee is _____, Address _____

Drilling commenced Sept. 24, 1937 19___. Drilling was completed March 10, 1938 19___

Name of drilling contractor National Drlg & Prod Co, Address Midland, Texas

Elevation above sea level at top of casing 3489 feet.

The information given is to be kept confidential until _____ 19___.

OIL SANDS OR ZONES

No. 1, from 3715 to 3750 No. 4, from _____ to _____

No. 2, from _____ to _____ No. 5, from _____ to _____

No. 3, from _____ to _____ No. 6, from _____ to _____

IMPORTANT WATER SANDS

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

No. 1, from _____ to _____ feet. _____

No. 2, from _____ to _____ feet. _____

No. 3, from _____ to _____ feet. _____

No. 4, from _____ to _____ feet. _____

CASING RECORD

SIZE	WEIGHT PER FOOT	THREADS PER INCH	MAKE	AMOUNT	KIND OF SHOE	CUT & FILLED FROM	PERFORATED FROM	PERFORATED TO	PURPOSE
15½"	70			60	Reg				
13	40			389	"				
8 5/8	32			1248	"				
7	24			3491	"				

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
15½	13	389	100	Halliburton		
11	8 5/8	1248	200	"		
8 3/4	7	3491	200	"		

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth Set _____

Adapters—Material _____ Size _____

RECORD OF SHOOTING OR CHEMICAL TREATMENT

SIZE	SHELL USED	EXPLOSIVE OR CHEMICAL USED	QUANTITY	DATE	DEPTH SHOT OR TREATED	DEPTH CLEANED OUT
1000		Acid	1000	3/4/38		
2000		Acid	2000	3/8/38		

Results of shooting or chemical treatment 40 bbls of oil per day and/100,000 cu ft of gas

RECORD OF DRILL-STEM AND SPECIAL TESTS

If drill-stem or other special tests or deviation surveys were made, submit report on separate sheet and attach hereto.

TOOLS USED

Rotary tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

Cable tools were used from 0 feet to 3750 feet, and from _____ feet to _____ feet

PRODUCTION

Put to producing March 15, 1938, 19___

The production of the first 24 hours was 40 barrels of fluid of which 100 % was oil; _____ % emulsion; _____ % water; and _____ % 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. _____

EMPLOYEES

National Drilling & Production Co

L. L. Fulton, Driller — C. F. Bower, Driller

Tom Shelton, 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 11th day of March, 19 38

Notary Public

My Commission expires March 2, 1941

Hobbs, New Mexico (Place) Date

Name [signature]

Position Supt

Representing The Ohio Oil Company (Company or Operator)

Address Hobbs, New Mexico

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION	
140	150	10	Red Bed	
150	245	95	Red Shale	
245	295	50	Brown shale	
295	350	55	Grey shale	
350	370	20	Water sand	
370	389	19	Hard sand	
389	455	66	Red shale	
455	520	65	Red rock	
520	605	85		
605	695	90	Red rock	
695	705	10	Brown shale	
705	830	125	Red rock	
830	865	35	Red hard sand	
865	880	15	Hard sand	
880	915	35	Red shale	
915	930	15	Hard water sand	
930	980	50	Red bed	
980	1005	25	Red rock	
1005	1035	30	Red sandy shale	
1035	1070	35	Red bed	
1070	1085	15	Lime	
1085	1105	20	Red mud	
1105	1115	10	Hard sand & shell	
1115	1140	25	Red bed	
1140	1150	10	Lime	
1150	1155	5	Red rock	
1155	1165	10	Lime	
1165	1185	20	Red rock	
1185	1200	15	Red rock	
1200	1230	30	Red bed	
1230	1240	10	Hard sand	
1240	1248	8	Anhydrite	
1248	1260	12	Lime	
1260	1275	15	Hard Anhydrite	
1275	1325	50	Lime	
1325	1355	30	Anhydrite	
1355	1375	20	Salt & Anhydrite	
1375	1395	20	Red Bed	
1395	1415	20	Anhydrite	
1415	1425	10	Red rock	
1425	1450	25	Anhydrite	
1450	1490	40	Salt-red bed-anhydrite	
1490	1550	60	Salt-anhydrite-shell	
1550	1560	10	Anhydrite	
1560	1570	10	Red rock	
1570	1595	25	Salt	
1595	1650	55	Salt-Potash-Anhydrite	
1650	1695	45	Anhydrite	
1695	1745	50	Salt-shells	
1745	1760	15	Potash-anhydrite	
1760	1775	15	Salt	
1775	1790	15	Red rock	
1790	1845	55	Salt-anhydrite	
1845	1885	40	Salt-shells	
1885	1900	15	Potash	
1900	1930	30	[redacted] Salt	
1930	1960	30	Anhydrite	
1960	2100	140	Salt-anhydrite-shells-potash	
2100	2140	40	Anhydrite-potash-salt	
2140	2220	80	Salt-anhydrite-sheels	
2220	2280	60	Salt	
2280	2310	30	Anhydrite	
2310	2355	45	Salt-anhydrtie-sheels	
2355	2445	90	Salt-shells	
2445	2450	5	Salt	
2450	2480	30	Anhydrite-grey lime	
2480	2510	30	Hard sand	
2510	2530	20	Anhydrite-lime	
2530	2575	45	Anhydrite	
2575	2620	45	Lime-Anhydrite	
2620	2675	55		
2675	2815	140	Anhydrite	
2815	2840	25	Anhydrite-gray lime	
2840	2865	25	Broken anhydrite	
2865	2975	110	Anhydrite	
2975	2995	20	Brown lime-anhydrite	Show oil
2995	3020	25	Anhydrite	
3020	3040	20	Lime	
3040	3065	25	Lime	
3065	3090	25	Brown lime-anhydrite	
3090	3110	20		
3110	3150	40	Lime	
3150	3175	25	Brown Lime	
3175	3190	15	Brown lime	
3190	3260	70	Lime	
3260	3265		Red rock	
3265	3365	100	Lime	
3365	3390	25	Anhydrite	
3390	3405	15	Shale breaks	
3405	3425	20	Anhydrite	
3425	3553	128	Lime	
3553	3565	12	Grey lime	3555 to 3560 3/4 M gas
3565	3585	20	Gas sand	3568 to 3585 1 M gas
3585	3598	13		
3598	3603	5	Shale	
3603	3628	25	Lime	gas at 3625
3628	3636	8	Gray lime	
3636	3713	77	Lime	
3713	3750	37	"	