FORM C-105

N.

AREA 640 ACRES
LOCATE WELL CORRECTLY

ORIGINAL

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

RECEIVED
OCT 5 1951
OIL CONSERVATION COMMISSION
HOBBS-OFFICE

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) State B-7998 (Lease) Well No. 2 in NE/4, NW/4 of Sec. 33, T. 17S R. 34E, N. M. P. M., Vacuum Field, Lea County.

Well is 990 feet south of the North line and 2970 feet west of the East line of Sec. 33-17-34

If State land the oil and gas lease is No. 887 Assignement No. B-7998

If patented land the owner is _____, Address _____

If Government land the permittee is _____, Address _____

The Lessee is The Ohio Oil Company, Address Hobbs, New Mexico

Drilling commenced June 5, 1951. Drilling was completed August 6, 1951

Name of drilling contractor company tools, Rig #3, Address Hobbs, New Mexico

Elevation above sea level at top of casing D.F. 4073 feet.

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

OIL SANDS OR ZONES

No. 1, from 4628 to 4675 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	TO	PURPOSE
8-5/8"	32#	8 R	Smls	811' 3"					
5-1/2"	15.5#	8 R	"	4553' 6"	Baker triplex shoe & baffle collar				
2-3/8"	4.7#	8 R	"	4693' 2"	Torpedoed end				

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
12"	8-5/8"	822'	400	HOWCO		
7-3/4"	5-1/2"	4542'	900	"		
	2-3/8"	4665'	Torpedoed end			

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth Set 4675'

Adapters—Material _____ Size drilled cement out to 4675'

RECORD OF SHOOTING OR CHEMICAL TREATMENT

SIZE	SHELL USED	EXPLOSIVE OR CHEMICAL USED	QUANTITY	DATE	DEPTH SHOT OR TREATED	DEPTH CLEANED OUT
		15%	2000 gal.	7/30/51	4542-4678'	
		jel & 15%	2500 gal.	8/1/51	4542'-4678'	
		15%	8000 gal.	8/11/51	4542'-4675'	

Results of shooting or chemical treatment well pumped 65 bbls. oil in 24 hrs.

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 surface feet to TD 4738 feet, and from - feet to - feet.

Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet.

PRODUCTION

Put to producing / September 9, 1951

The production of the first 24 hours was 65 barrels of fluid of which 100 % was oil; _____ % emulsion; _____ % water; and _____ % sediment. Gravity, Be 36.8 @ 60

If gas well, cu. ft. per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. _____ GOR 140:1

EMPLOYEES

Johnie B. Gore, Driller — R. C. Stanton, Driller

E. E. Houchin, Driller — Raymond Shubert, 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 1st day of October, 1951

E. L. McCollum
Notary Public
My Commission Expires August 19, 1955

My Commission expires _____

Hobbs, New Mexico (Place) Oct. 1, 1951 (Date)

Name R. C. Stanton

Position Superintendent

Representing The Ohio Oil Company (Company or Operator)

Address Box 2107, Hobbs, New Mexico

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	1500	1500	Surface red beds, sand & shale.
1500	1660	160	Anhydrite.
1660	2710	1050	Salt.
2710	3900	1190	Anhydrite, shale & sand.
3900	4738	838	Dolomite and Shale.

DEVIATION SURVEY

Depth Taken	Degrees off Vertical
160	0
580	1/4
1100	3/4
1355	1/2
1930	1/4
2400	1-1/4
2600	1
2900	1
3254	1/2
3547	1/2
3832	1/2
4275	0

State B-7998 Well No. 2 Vacuum Pool Lea County New Mexico Sec. 33-17-34

DST No. 1, testing from 4603' to 4678', San Andres. Packer set @ 4603'. 200' water cushion, 5/8" BHC and 1" top choke, tool open 1 hr., fair blow, no gas. Recovered 30' of oil, 200' of water, 330' oil cut mud. Hydrostatic pressure 2700#, initial flowing pressure 150#, final flowing pressure 150#, shut-in pressure (30 minutes)425#.