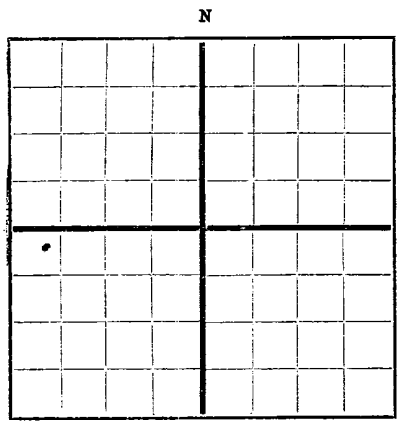
DUPLICATE

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. FORM C-110 WILL NOT BE APPROVED UNTIL FORM C-105 IS PROPEELY FILLED OUT.

The Ohio Oil Company — Company or Operator — Address: Box 1607, Hobbs, New Mexico

W. S. Marshall "B" — Lease — Well No. 7 in NW/4,SW/4 of Sec. 27, T. 21S R. 37E, N. M. P. M., Brunson Field, Lea County.

Well is ..... feet south of the North line and ..... feet west of the East line of .....

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

If patented land the owner is W. S. Marshall et al, Address Box 571, Eunice, New Mexico

If Government land the permittee is ....., Address .....

The Lessee is The Ohio Oil Company, Address Box 1607, Hobbs, New Mexico

Drilling commenced Feb. 4, 1950. Drilling was completed April 7, 1950

Name of drilling contractor Company tools, Address .....

Elevation above sea level at top of casing 3430 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

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
13-3/8	48#	8 R	Smls.	284' 10"	Baker				
8-5/8	32#	8 R	Smls.	2810' 7"	"				
5-1/2	17#	8 R	Smls.	7600' 10"	"				
2-3/8	4.7#	8 R	"	7820' 7"	Bull plug		7766	7669	

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHODS USED	MUD GRAVITY	AMOUNT OF MUD USED
17¼	13-3/8	298	250	HOWCO		
11	8-5/8	2798	1200	"		
7-3/4	5-1/2	7574	800	"		
tbg.	2-3/8	7772				

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
		None				

Results of shooting or chemical treatment: Well flowed natural thru 11/64" choke

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 7774 feet, and from - feet to - feet

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

PRODUCTION

Put to producing April 7, 1950

The production of the first 24 hours was 96 barrels of fluid of which 100 % was oil; ..... % emulsion; ..... % water; and ..... % sediment. Gravity, Be. 41.5

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

Rock pressure, lbs. per sq. in. .....

EMPLOYEES

Floyd A. Nunley, Driller — George Meithercutt, Driller

Arnold C. Nail, Driller — Andrew J. Kirby, 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 5 day of May, 1950

Notary Public

My Commission expires ..... (August 10, 1951)

Hobbs, New Mexico (Place) May 5, 1950 (Date)

Name .....

Position Superintendent

Representing The Ohio Oil Company (Company or Operator)

Address Box 1607, Hobbs, New Mexico

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	1180	1180	Surface sand, calich, red beds.
1180	1310	130	Anhydrite.
1310	2390	1080	Salt.
2390	3880	1490	Anhydrite & Dolomite.
3880	7370	3490	Dolomite.
7370	7490	120	Sand And Shale.
7490	7590	100	Lime.
7590	7771	181	Dolomite.
7771	7774	3	Granite.

DEVIATION SURVEY

DEPTH TAKEN	DEGREES OFF VERTICAL
250	1-1/2
500	1
750	1
1000	3/4
1250	3/4
1500	1/2
1750	1/2
2000	3/4
2250	3/4
2500	1/2
2750	3/4
3000	3/4
3250	3/4
3500	1
3750	1/2
4000	3/4
4250	1
4500	3/4
4750	3/4
5000	1
5250	1/4
5500	1/2
5750	3/4
6000	3/4
6250	1/4
6500	1/4
6750	1/4
6885	0
7038	3/4
7190	1/2
7310	3/4
7390	1/4

W. S. Marshall "B" Well No. 7
Sec. 27, T 21S, R 37E, Brunson Pool

DST #1, T.D. 5150', packer set @ 5130'. Testing from 5130' to 5150', 3/4" BHC and 1" top choke. No water blanket. Gas to surface in 24 min. (approx. 5,900 cubic ft.). Tool open 2 hrs. No oil to surface. Recovered 100' of P. L. oil and 173' of heavy oil and gas cut mud. Good blow thru out test. 15 min. shut in build up 1500#, hydrostatic pressure 2475#.

DST #2, testing McKee Sand, packer set @ 7360' testing from 7360' to 7460'. 5/8" BHC and 1" top choke. No water cushion, tool open 54 min. Gas to surface in 4 min. Gauged 766.2 MCF oil to surface in 15 min. flowed at rate of 66 bbls. oil per hr or 1584 bbls. oil per day. Gyt 41.2 API. Took 15 min. build up then pulled packer loose, well continued to flow. Recovered 900' of oil, no water.

Core #1, cut from 7554' to 7575' (21'). Recovered 21' of Ellenberger Lime, hard, dense, fine grained, no porosity and no show of oil or gas.

DST #3, Testing from 7574' to 7774'. Tool would not open. It had been rotated into a closed position. No test.

DST #4, testing 200' from 7574' to 7774' with hook wall packer set @ 7553'. Tool opened for 3 hrs. Gas to surface in 4 min. mud to surface in 50 min. oil to tank in 60 min. Well averaged 20 bbls. oil per hr. for 2 hrs. with 3/8" BHC and 3/4" top choke. Took 15 min. build up.