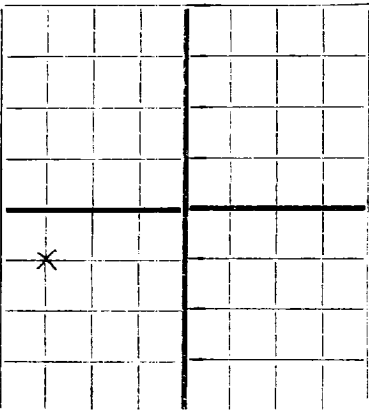


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NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

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 PROPERLY FILLED OUT.

AREA 640 ACRES
LOCATE WELL CORRECTLY

The Ohio Oil Company Hobbs, New Mexico
W. S. Marshall Company or Operator 4 NW 1/4, SW 1/4 27 Address 21-S
Well No. 37-E in 4 of Sec. 27, T. 21-S
Lease Drinkard Lea County.
R. N. M. P. M., Field,
Well is 3300 feet south of the North line and 4620 feet west of the East line of Sec. 27-21-37
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, Sunice, New Mexico
If Government land the permittee is Address
The Lessee is The Ohio Oil Company Address Hobbs, New Mexico
Drilling commenced April 10, 1947 Drilling was completed May 14, 1947
Name of drilling contractor J. F. Postelle Address Odessa, Texas
Elevation above sea level at top of casing DP 3427 feet.
The information given is to be kept confidential until 19.

OIL SANDS OR ZONES

No. 1, from 5139 to 5270 No. 4, from to
No. 2, from 6450 to 6555 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		PURPOSE
							FROM	TO	
13-3/8"	48#	8 R	Spang	300'	none				
8-5/8"	32#	8 R	"	2800'	none				
5-1/2"	17#	8 R	"	6500'	Baker Tri-plex				

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHODS USED	MUD GRAVITY	AMOUNT OF MUD USED
17"	13-3/8	299'	250	Halliburton		
11"	8-5/8	2800'	1500			
8"	5-1/2	6520	500			
Tbg.	2-3/8	6554	torpedoed end			

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
		Acid	900 mud	5-19-47	6520-55	
			2000 gal.	5-19-47	6520-55	

Results of shooting or chemical treatment. Well failed to flow on natural test, after treating well flowed 616.90 bbls. in 24 hrs. thru 5/8" choke. GOR 467:1

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 0 feet to TD 6555 feet, and from feet to feet
Cable tools were used from feet to feet, and from feet to feet

PRODUCTION

Put to producing June 1, 1947
The production of the first 24 hours was 617 barrels of fluid of which 100 % was oil; % emulsion; % water; and % sediment. Gravity, Be 40.6
If gas well, cu. ft. per 24 hours Gallons gasoline per 1,000 cu. ft. of gas
Rock pressure, lbs. per sq. in.

EMPLOYEES

Ben Gailin, Driller P. S. LeBlanc, Driller
M. C. Hanna, 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 me this 6 day of June, 1947
Notary Public
MY COMMISSION EXPIRES AUG. 19, 1947
My Commission expires

Hobbs, New Mexico 6-6-47
Name P. B. Stewart
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	152	152	Caliche- Red Bed
152	310	158	Red Bed -Shells
310	721	411	Red Bed
721	940	219	Red Bed- Shells
940	1185	245	Red Bed - Gypsum
1185	1240	55	Red Bed- Anhydrite
1240	1370	130	Anhydrite - Gypsum- Salt
1370	1497	127	Salt
1497	2345	848	Salt -Anhydrite
2345	2485	140	Gypsum- Anhydrite
2485	2533	48	Anhydrite - Shells
2533	2577	44	Anhydrite - Gypsum
2577	2608	31	Anhydrite - Shells
2608	2756	148	Anhydrite - Gypsum
2756	3125	369	Anhydrite
3125	3198	73	Lime
3198	3395	197	Lime- Anhydrite
3395	6555	3160	Lime

DEVIATION SURVEY

Depth Taken Degrees off Vertical

250	1/2
500	0
750	1/2
1000	0
1250	0
1500	1/4
1750	1/4
2000	0
2250	1/2
2500	1
2750	0
3000	0
3250	0
3500	1/2
3750	1/2
4000	1/2
4250	1/2
4500	1/2
4750	2
5000	2
5250	2
5500	0
5750	1/2
6000	1
6250	1
6500	1/2

Took 1st DST from 5139' to 5169'. 5/8" BHC and 1" top choke. Tool open 60 min., gas to surface in 12 min. Estimated 50 MCF. Recovered 420' clear oil, 30' of drilling mud and 120' sulphur water. Flowing pressure 80#, built up to 1600# when shut in 15 min. 2350# mud weight.

Took 2nd DST from 5170' to 5270'. 5/8" BHC and 1" top choke. Tool open 60 min. Gas to surface in 6 min. Estimated 25 MCF. Recovered 450' heavily oil and gas cut mud. 1320' of free oil and 120' of salt water. Flowing pressure 200# to 500#, built up to 1610# when shut in for 15 min., mud weight 2400#.