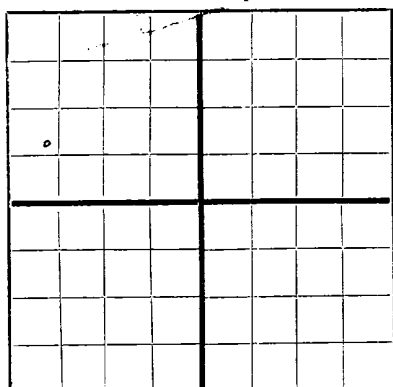


N

AREA 640 ACRES
LOCATE WELL CORRECTLYNEW 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.

The Ohio Oil Company Box 1607, Hobbs, New Mexico
Company or Operator Address
Lou Northan Well No. 9 in SW 1/4, NW 1/4 of Sec. 11, T. 22-S
Lease R. 37-E, N. M. P. M. Drinkard Lea County.
Well is 1905 feet south of the North line and 4840 feet west of the East line of Sec. 11-22-37
If State land the oil and gas lease is No. Assignment No.
If patented land the owner is Lou Northan Address Big Spring, Texas
If Government land the permittee is Address
The Lessee is The Ohio Oil Company Address Box 1607, Hobbs, New Mex.
Drilling commenced April 6, 1948 19 Drilling was completed May 22, 1948 19
Name of drilling contractor J. F. Postelle Address Odessa, Texas
Elevation above sea level at top of casing 3375 D.F. feet.
The information given is to be kept confidential until 19

OIL SANDS OR ZONES

No. 1, from 5025 to 5165 No. 4, from to
No. 2, from 6416 to 6462 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 Rd.	Sals.	274'	Plain thd.				
8-5/8"	32#	8 Rd.	Sals.	2808'	Baker				
5-1/2"	17#	8 Rd.	Sals.	6451'	"				
2-3/8"	4.7#	8 Rd.	Sals.	6488'	Torpedoed		6454	6457	Produce thru

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"	282'	250	Halliburton		
11"	8-5/8"	2799'	1500	"		
8"	5-1/2"	6417'	700	"		

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	500 gal. mud	5-21-48	6417- 6462	T. D.
			1000 gal. 20%			

Results of shooting or chemical treatment after treating 1500 gal. all flowed 280 B/O in 24 hrs.
GOR 15,100:l.

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 T.D. 6462 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, 1948
The production of the first 24 hours was 230 barrels of fluid of which 100% was oil; % emulsion; % water; and % sediment. Gravity, Be. 45-60
If gas well, cu. ft. per 24 hours Gallons gasoline per 1,000 cu. ft. of gas
Rock pressure, lbs. per sq. in.

EMPLOYEES

J. H. Daniels Driller M. C. Hamm Driller
J. P. Ivy 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 10

day of June, 1948

Notary Public
My Commission expires August 19, 1951

My Commission expires

Hobbs, New Mexico 6-10-48 Date

Name 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	155	155	Caliche, Shells & Red beds.
155	286	131	Red Bed, Shells.
286	369	83	Red bed.
369	1023	654	Red Bed & Shells.
1023	1125	102	Red bed, Anhydrite.
1125	1215	90	Anhydrite.
1215	2023	808	Anhydrite & Salt.
2023	2216	193	Salt, Anhydrite, Shells.
2216	2300	84	Salt, Anhydrite.
2300	2575	275	Anhydrite.
2575	2650	75	Lime.
2650	3215	565	Anhydrite.
3215	3320	105	Anhydrite & Lime.
3320	6462	3142	Lime.
DEVIATION SURVEY			
Depth Taken		Degrees off Vertical	
250		0	
500		1/2	
750		1/2	
1000		1/2	
1250		1/2	
1500		1/2	
1750		0	
2000		0	
2250		1/2	
2500		1/2	
2750		1/2	
3000		0	
3250		0	
3500		0	
3750		1	
4000		1	
4250		1	
4500		1	
4750		1	
5000		1-1/2	
5250		1	
5500		1	
5750		1	
6000		1	
6250		1	

Lou Worthan Well No. 9, Sec. 11, T 22-S, R 37-E - Drinkard Pool

DST #1 taken from 5025' to 5055, 5/8" BHC and 1" top choke. No water blanket, tool open 60 min. Gas to surface in 2-1/2 min., mud in 22 min. oil in 44 min. Recovered 900' of oil. Well making 660 MCF of gas in 24 hrs. and approximately 5 bbls. of oil per hr. Flowing BH press. 350#. 15 min shut in, build up 1800#. Mud weight 2350#.

DST #2 taken from 5055' to 5110'. 5/8" BHC and 1" top choke. No water blanket. Tool open 60 min. Gas to surface in 3 min. mud in 5 min., oil in 15 min. Recovered 480' of oil. Well making 1000 MCF of gas in 24 hrs. and approximately 7 B/O per hr. Flowing BHP 400#. 15 min. shut in build up 1900#. Mud weight 2400#.

DST #3 from 5110' to 5165', 5/8" BHC and 1" top choke, no water blanket. Tool open 20 min. Gas to surface in 1 min., mud in 4 min. Spray of oil in 10 min. Recovered 4' of oil. Well making 7000 MCF gas in 24 hrs. Flowing BH pressure 1350#. 10 min shut in build up 2000#, mud weight 2400#.

DST #4 from 6416' to 6462'. 5/8" BHC and 1" top choke. No water blanket Tool open 50 min. Gas to surface 39 min. Recovered 380' gas cut mud with trace of oil. Gas 5 MCF estimate in 24 hrs. no build up pressure recorded. BH flowing pressure 250#, mud weight 3150#.