

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

WELL RECORD

RECEIVED
SEP 13 1951
OIL CONSERVATION COMMISSION
HOBBS OFFICE

AREA 640 ACRES
LOCATE WELL CORRECTLY

Mail to Oil Conservation Commission, Santa Fe, New Mexico, or 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

L. G. Warlick "C"

Well No. 9 in SE 1/4, SE 1/4 of Sec. 15, T. 21S

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

Well is 4290 feet south of the North line and 990 feet west of the East line of Sec. 15-21-37

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

If patented land the owner is L. G. Warlick, Address Eunice, New Mexico

If Government land the permittee is, Address

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

Drilling commenced June 18, 1951 Drilling was completed July 29, 1951

Name of drilling contractor Two States Drilling Company, Address Dallas, Texas

Elevation above sea level at top of casing D.F. 3424 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 TO	PURPOSE
13-3/8	48#	8 R	Smls.	361' 7"				
8-5/8	32#	8 R	Smls.	2907' 8"	Baker float collar & float shoe			
5-1/2	17#	8 R	Smls.	7510' 8"	Baker triplex cement shoe & Baker cement baffle collar			

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
17"	13-3/8	371'	350	BOWCO		
11"	8-5/8	2900'	1400	"		
8"	5-1/2	7465'	850	"		
4 1/2"	2-3/8	7496'	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
Hydrafac double treatment, 1500 gals. kerosene, 110 bbls. crude oil, 800# sand and 20 gals. HB2 Breaker agent						

Results of shooting or chemical treatment after hydrafac w/double treatment well flowed
32 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 T.D. 7503 feet, and from - - feet to - - feet.

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

PRODUCTION

Put to producing August 24, 1951

The production of the first 24 hours was 32 barrels of fluid of which 100 % was oil; % emulsion; % water; and % sediment. Gravity, Be. 42.6 @ 60

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

Rock pressure, lbs. per sq. in. COR 621:1

EMPLOYEES

Walter E. Lowe, Driller C. L. Davis, Driller

H. D. Coates, 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 12

day of September, 1951

E. M. Coates
Notary Public
My Commission Expires August 19, 1953

My Commission expires

Hobbs, New Mexico 9/12/51

Name P. O. Clewett

Position Superintendent

Representing The Ohio Oil Company, Company or Operator.

Address P. O. Box 1607, Hobbs, New Mexico

FORMATION RECORD

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FROM	TO	THICKNESS IN FEET	FORMATION
0	1221	1221	Surface Sand, Caliche, Red Beds.
1221	1485	264	Anhydrite.
1485	2471	986	Salt.
2471	6642	4171	Anhydrite, Dolomite, & Shale.
6642	7410	768	Dolomite and Lime.
7410	7490	80	Dolomite, Lime Shale & Sand.
7490	7503	13	Granite Wash.
DEVIATION SURVEY			
DEPTH TAKEN		DEGREES OFF VERTICAL	
625		1/4	
1095		1/4	
1545		1/2	
1803		3/4	
2220		1	
2510		1	
3145		3/4	
3595		1/2	
3855		1/2	
4038		1/4	
4325		1-1/4	
4500		1	
4727		1-3/4	
4975		1-3/4	
5215		1-1/4	
5510		1	
5845		2	
6565		2	
6890		2	
7040		1-3/4	
7240		1-3/4	

L. G. Warlick "C" Well No. 9, Brunson Pool, Lea County New Mexico

DST No. 1 testing from 7373' to 7473'. Packers set at 7373' and 7366'. 800' water blanket, 5/8" BHC and 1" top choke. Tool open 1 hr. Gas to surface in 31 min. Good blow thruout test. Recovered 580' of oil, approximately 4 bbls. and 800' water blanket. Final flowing pressure 800#, 15 minute shut-in pressure 2800#; hydrostatic pressure 3600#; water blanket 560#.

DST No. 2, testing from 7413' to 7503'. Packers set at 7413' and 7405'. Ran 800' water blanket, 5/8" BHC and 1" top choke. Packers failed after tool was open 1 minute. Recovered 3500' of water cushion and oil cut mud.

DST No. 3, testing from 7442' to 7503', Packers set at 7434' and 7442'. Ran 800' water blanket, 5/8" BHC and 1" top choke. Tool open 6-2/3 hrs. Gas to surface in 9 minutes. Good blow thruout test. Well didn't flow. Recovered 5000' oil and gas plu 800' water cushion. Hydro. head 3600#, flowing pressure 1320#, 15 minute build up 2600#.