

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.

Shell Oil Company, Incorporated Box 1457 Hobbs, New Mexico  
Company or Operator Address  
State Lease Well No. 1 in NE/4 SE/4 of Sec. 36, T. 24-S. 36-E  
R. 36-E, N. M. P. M., Langlie-Mattix Field, Lea County.  
Well is 3300 feet south of the North line and 660 feet west of the East line of Sec. 36, 24-S, 36-E  
If State land the oil and gas lease is No. NM-519-8 Assignment No. B-1167  
If patented land the owner is Address  
If Government land the permittee is Address  
The Lessee is Shell Oil Company, Incorporated Address Box 1457 Hobbs, New Mexico  
Drilling commenced 11-12 19 48 Drilling was completed 12-1-48 19  
Name of drilling contractor Clay & Gaskie Address Hobbs, New Mexico  
Elevation above sea level at top of casing 3256 feet.  
The information given is to be kept confidential until not confidential 19

## OIL SANDS OR ZONES

No. 1, from 3375 to 3525 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"	55#	8rd	Ghester	346'					water shut off
5 1/2"	15.5#	8rd	J & L	3393'					oil string

## MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHODS USED	MUD GRAVITY	AMOUNT OF MUD USED
12"	8 5/8"	358'	300	pump & plug	9.2	
7 3/4"	5 1/2"	3402'	750	pump & plug	11.0	

## 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

Results of shooting or chemical treatment  
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## 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 3525 feet, and from feet to feet  
Cable tools were used from feet to feet, and from feet to feet

## PRODUCTION

Put to producing 12-5 1948  
The production of the first 24 hrs was 160 barrels of fluid of which 98 % was oil; 0 % emulsion; 1 % water; and 1 % sediment. Gravity, Be. 34.8 deg A.P.I. corrected  
If gas well, cu. ft. per 24 hrs. 68 MCF Gallons gasoline per 1,000 cu. ft. of gas  
Rock pressure, lbs. per sq. in. G.O.P. = 437

## EMPLOYEES

B. C. Sparkman Driller J. D. Hendrick Driller  
A. M. Pierce 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 8th day of December, 1948, Hobbs, New Mexico  
Name Frank R. Levering Position District Superintendent  
Date Dec. 8, 1948

## FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	160	160	Surface sands and caliche
160	1170	1010	Red & grey shale and sand
1170	1260	90	Anhydrite
1260	2610	1350	Anhydrite and salt
2610	2660	50	Anhydrite
2660	2770	110	Dolomite and anhydrite
2770	2940	170	Sand and dolomite
2940	3375	435	Dolomite and sand
3375	3525	150	Porous & oil stained sandy dolomite
D.S.T. No. 1:	2753' - 2940'		<p>Tool open 45 minutes. Sweet dry gas to surface in 2 minutes. Flowed through variable chokes 1/8" to 1". Flowing surface pressure 600 to 300 p.s.i. Maximum gas rate 2.82 million GPM through 1" choke. F.R.H.P. 750 to 900 p.s.i. to 800 p.s.i. S.I.R.H.P. 1100 p.s.i. in 2 minutes, 1200 p.s.i. after 20 minutes. Recovered 150' (1.1 bbl) gas out drilling fluid. Positive test.</p>