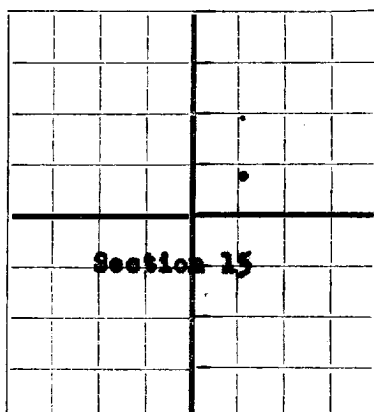


N

## NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

AREA 640 ACRES  
LOCATE WELL CORRECTLY

## 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, Hobbs, New Mexico  
State \_\_\_\_\_ Well No. 1 in 22/4 of Sec. 15, T. 21-S  
R. 37-E, N. M. P. M., Brinkard Field, Lea County.  
Well is 1980 feet south of the North line and 1978 feet west of the East line of Sec. 15, 21-S, 37-E  
If State land the oil and gas lease is No. NM-1199 Assignment No. \_\_\_\_\_  
If patented land the owner is \_\_\_\_\_, Address \_\_\_\_\_  
If Government land the permittee is \_\_\_\_\_, Address \_\_\_\_\_  
The Lessee is Shell Oil Company, Incorporated, Hobbs, New Mexico  
Drilling commenced 8-30-48 19 \_\_\_\_\_ Drilling was completed 11-1-48 19 \_\_\_\_\_  
Name of drilling contractor Rowan Drilling Company, Address Fort Worth, Texas  
Elevation above sea level at top of casing 3428 feet.  
The information given is to be kept confidential until 19 \_\_\_\_\_

## OIL SANDS OR ZONES

No. 1, from 6423 to 6510 No. 4, from 6573 to 6619  
No. 2, from 6510 to 6534 No. 5, from 6613 to 6641 (not completely penetrated)  
No. 3, from 6534 to 6573 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"	32.48	8rd	Hapios	210.35	Texas pattern				water protection
8 5/8"	32	8rd	Nat'l.	2882'	Float				salt exclusion
5 1/2"	15.54	8rd	H & SN	6533'	Float				production

## 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"	228'	250	pump & plug	9.0#/gal	
11"	8 5/8"	2897'	1500	pump & plug	10.5#/gal	
7 7/8"	5 1/2"	6546'	1200	pump & plug	10.0#/gal	

## 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

Washed open hole from 6633' to 6546' with 240 gallons 15% acid and treated with 1260 gallons 15% acid.

Results of shooting or chemical treatment See below.

## 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 6641 feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet  
Cable tools were used from \_\_\_\_\_ feet to \_\_\_\_\_ feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet

## PRODUCTION

Put to producing 11-1-48, 19 \_\_\_\_\_  
The production of the first 24 hours was 462 barrels of fluid of which 92.4 % was oil; 0 % emulsion; .6 % water; and 7 % sediment. Gravity, Be. 36.2 deg. A.P.I. corrected  
If gas well, cu. ft. per 24 hours \_\_\_\_\_ Gallons gasoline per 1,000 cu. ft. of gas \_\_\_\_\_  
Rock pressure, lbs. per sq. in. 414.48 MCF G.O.R. = 971

## EMPLOYEES

Roy Lynch, Driller P. B. Broush, Driller  
J. B. Ragsdale, Driller L. L. Sage, 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 November 1948

Notary Public

Hobbs, New Mexico November 8, 1948

Name Frank R. Levering

Position District Superintendent

Representing Shell Oil Company, Incorporated

Address Box 1457 Hobbs, New Mexico

My Commission expires Sept. 16, 1950

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
			<b>NO SAMPLES TAKEN ABOVE 3730 FEET.</b>
3730	4250	520	Dolomite with streaks sand shale and anhydrite
4250	4390	140	Dolomite and lime with streaks sand shale and anhydrite.
4390	5130	740	Limestone with streaks sand and shale.
5130	5170	40	Dolomite
5170	5195	25	Sand
5195	5450	255	Dolomite
5450	5550	100	Sandy dolomite
5550	6150	600	Dolomite
6150	6190	40	Sand
6190	6423	233	Dolomite
6423	6641	218	Dolomite with scattered porosity and oil staining
			<b>P.S.T. No. 1:</b> 6480' to 6641'. 5/8" x 3/4" chokes. Tool open 5 hours. Gas in 8 minutes. Oil in 2 hours. Flowed 34 barrels oil out 2 1/2 BS in 3 hours. Gas oil ratio 850. Gravity 36.8 deg. A.P.I. corrected.