

APR 21 1948  
RECEIVED  
HOBBS OFFICE

## 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 TRIPPLICATE. FORM C-110 WILL NOT BE APPROVED UNTIL FORM C-105 IS PROPERLY FILLED OUT.

AREA 640 ACRES  
LOCATE WELL CORRECTLY

Shell Oil Company, Incorporated Box 1457 Hobbs, New Mexico  
Company or Operator Address  
Argo Oil Corporation Well No. 3 in SW/4 of Sec. 15, T. 21-S  
Lease  
B. 37-1, N. M. P. M., Brinkman Field, Lee County.  
Well is 3300 feet south of the North line and 3300 feet west of the East line of Sec. 15 T. 21-S. R. 37-S  
If State land the oil and gas lease is No. \_\_\_\_\_ Assignment No. \_\_\_\_\_  
If patented land the owner is Argo Oil Corporation, Address Midland, Texas  
If Government land the permittee is \_\_\_\_\_, Address \_\_\_\_\_  
The Lessee is Shell Oil Company, Incorporated, Address Box 1457 Hobbs, New Mexico  
Drilling commenced 2-29 19 48 Drilling was completed 4-17 19 48  
Name of drilling contractor Company Tools, Address Box 1457 Hobbs, New Mexico  
Elevation above sea level at top of casing 3436 feet.  
The information given is to be kept confidential until not confidential 19 \_\_\_\_\_

## OIL SANDS OR ZONES

No. 1, from 6442 to 6529 No. 4, from 6597 to 6642  
No. 2, from 6529 to 6555 No. 5, from 6642 to 6645 (not pene-  
No. 3, from 6555 to 6597 No. 6, from \_\_\_\_\_ to trated completely)

## 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	
<u>13 3/8</u>	<u>32.40</u>	<u>8rd</u>	<u>Naylor</u>	<u>195'</u>	<u>Straight pattern</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>water protection</u>
<u>8 5/8"</u>	<u>320</u>	<u>8rd</u>	<u>-</u>	<u>2280'</u>	<u>Float</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>salt string</u>
<u>5 1/2"</u>	<u>15.50</u>	<u>8rd</u>	<u>Mat'l</u>	<u>6486'</u>	<u>Float</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>oil string</u>
						<u>MP</u>			

## MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHODS USED	MUD GRAVITY	AMOUNT OF MUD USED
<u>17 1/4"</u>	<u>13 3/8"</u>	<u>208'</u>	<u>250</u>	<u>Pump &amp; plug</u>	<u>9.5</u>	
<u>11"</u>	<u>8 5/8"</u>	<u>2091'</u>	<u>1500</u>	<u>Pump &amp; plug</u>	<u>10.2</u>	<u>MP</u>
<u>7 3/4"</u>	<u>5 1/2"</u>	<u>6494.5'</u>	<u>600</u>	<u>Pump &amp; plug</u>	<u>9.5</u>	

## 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
<u>Acidized open hole</u>	<u>section from 6494.5 feet to 6645 feet with 500 gallons mud</u>					
<u>acid</u>	<u>4-16-48.</u>					

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 6645 feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet  
Cable tools were used from \_\_\_\_\_ feet to \_\_\_\_\_ feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet

## PRODUCTION

Put to producing 4-16 19 48  
The production of the first 24 hours was 340.94 barrels of fluid of which 99 % was oil; 0 %  
emulsion; 5/10 % water; and 5/10 % sediment. Gravity, B/1 38 degrees 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. \_\_\_\_\_ G.O.R. = 750

## EMPLOYEES

J. A. Arnold, Driller J. L. Mahan, Driller  
H. B. Tow, Driller J. E. Dryman, 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 19thHobbs, New Mexico April 19 1948day of April, 19 48Name Frank R. LeveringPosition District Superintendent

## FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
			NO SAMPLES TAKEN ABOVE 6375 FEET.
6375	6420	45	Dolomite
6420	6645	225	Dolomite (scattered oil staining and porosity)
D.S.P. No. 1	6483' - 6645'		<p>5/8" x 3/4". Tool open 5 1/4 hours. Sweet gas to surface in 8 minutes. * Mud to surface in 1 hour 25 minutes. Oil to surface in 1 hour 37 minutes. Flowed 41.4 barrels oil out 5/16" mud in 3 3/4 hours. Gas oil ratio 690. Gravity 39.8 degrees A.P.I.</p> <p>* Gauged 23 MCF per day.</p>