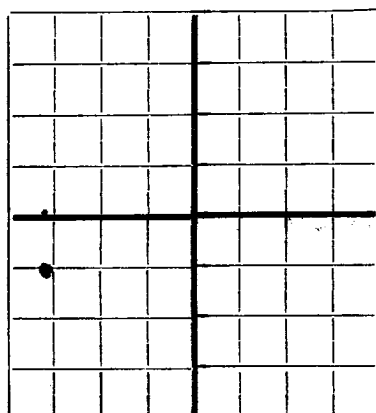


N

AREA 640 ACRES  
LOCATE WELL CORRECTLY

## 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 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  
**Argo Oil Corporation** Well No. **2** in **SW 1/4** of Sec. **15**, T. **21-N**  
Lease  
R. **37-M**, N. M. P. M., **Drinkard** Field, **Lee** County.  
Well is **3300** feet south of the North line and **4620** feet west of the East line of Sec. **15**, **21-N**, **37-M**, **Lee**  
County, New Mexico  
If State land the oil and gas lease is No. Assignment No.  
If patented land the owner is **Argo Oil Corp.**, Address.  
If Government land the permittee is, Address.  
The Lessee is **Shell Oil Company, Incorporated**, Address **Box 1457 Hobbs, New Mex.**  
Drilling commenced **10-10** 19 **47** Drilling was completed **11-28** 19 **47**  
Name of drilling contractor **Drilling & Exploration**, Address **Hobbs, New Mexico**  
Elevation above sea level at top of casing **3402** feet.  
The information given is to be kept confidential until **not confidential** 19

## OIL SANDS OR ZONES

No. 1, from **6425** to **6514** No. 4, from **6578** to **6621**  
No. 2, from **6514** to **6546** No. 5, from **6628** to **T.D. 6654**  
No. 3, from **6546** to **6574** 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	OUT & FILLED FROM	PERFORATED		PURPOSE
							FROM	TO	
<b>13 3/8"</b>	<b>32.4</b>	<b>8rd</b>	<b>Bayler</b>	<b>210</b>	<b>Double Pattern</b>				<b>surface</b>
<b>8 5/8"</b>	<b>32</b>	<b>8rd</b>	<b>Bayler</b>	<b>2862</b>	<b>Flange</b>				<b>intermediate</b>
<b>5 1/2"</b>	<b>15.5</b>	<b>8rd</b>	<b>Flange</b>	<b>6640</b>	<b>Flange</b>		<b>6610</b>	<b>6651</b>	<b>oil string</b>

## MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHODS USED	MUD GRAVITY	AMOUNT OF MUD USED
<b>17 1/2</b>	<b>13 3/8</b>	<b>224</b>	<b>210</b>	<b>Pump &amp; Plug</b>	<b>9.0</b>	
<b>11</b>	<b>8 5/8</b>	<b>2875</b>	<b>800</b>	<b>Pump &amp; Plug</b>	<b>10.2</b>	
<b>7 3/8</b>	<b>5 1/2</b>	<b>6652</b>	<b>600</b>	<b>Pump &amp; Plug</b>	<b>10.0</b>	

## 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
<b>Treated through perforations with 250 gallons acid in 2 stages.</b>						

Results of shooting or chemical treatment

## 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 **6654** feet, and from feet to feet  
Cable tools were used from feet to feet, and from feet to feet

## PRODUCTION

Put to producing **11-30**, 19 **47**  
**Swabbed** the production of the first **24** hours was **142** barrels of fluid of which **99.8** % was oil; **0** %  
emulsion; **0** % water; and **.2** % sediment. Gravity **50** Then flowed **30** barrels oil in next  
**4 1/2** hours.  
If gas well, cu. ft. per 24 hours Gallons gasoline per 1,000 cu. ft. of gas **0.0 R. 6 719**  
Rock pressure, lbs. per sq. in.

## EMPLOYEES

**William Scarborough**, Driller **George McDaniel**, Driller  
**Bill Guter**, 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 **24th**day of **December**, 19 **47****Hobbs, New Mexico** **December 24, 1947**Name **M. C. Brunner**Position **District Superintendent**

## FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
SAMPLES TAKEN ONLY AS FOLLOWS:			
5100	5130	30	Lime
5130	5180	50	Dolomite and Lime top Glorietta 5130
5180	5210	30	Sand
6280	6310	30	Dolomite and Sand
6310	6426	28	Dolomite
6426	6654	228	Porous Dolomite with show oil. Top Drinkard Porous Horizon 6426 feet.
DRILL STEM TESTING INFORMATION:			
D.S.T. No. 1 6228 - 6333	5/8-inch bottom hole choke 1/8-inch top choke. Tool open 2 hours. Excellent air blow immediately. Sweet gas to surface in 19 minutes. Surface pressure on high side of choke equals 175 p.s.i. after 1 hour. Shut in at surface 20 minutes to remove 1/8-inch choke. 20 minute shut in surface pressure equals 400 p.s.i. Flowed at uniform rate of 459 MCF/D through 1-inch open top for 35 minutes. Recovered 90' (.67 bbls) mud with no shows of oil, gas or water and 240' (1.78 bbls) gas cut mud, very slightly cut with distillate in lower 5 feet. Flowing bottom hole pressure 550 to 1100 p.s.i. while flowing through 1/8-inch choke and declined to 525 during remainder.		
D.S.T. No. 2 6576 - 6654	5/8-inch bottom hole choke and 1/4-inch top choke. Tool open 3 hours. Sweet gas to surface immediately. Mud to surface in 15 minutes. Flowed 3 barrels mud, 3 barrels BS & NS 1/2 barrels of light amber oil in 2 3/4 hours. Gravity 45 degrees A.P.I. corrected. Flow gas at uniform rate of 1,940,000 cubic feet per day. Approximate gas oil ratio 21,000. Pulled 6470 feet of dry pipe and unloaded .50 barrels oil. Flowing bottom hole pressure 1000 p.s.i. 60 minute shut in bottom hole pressure 1250 p.s.i.		
D.S.T. No. 3 6595 - 6654	5/8-inch bottom hole choke and 1/4-inch top choke. Tool open 6 hours. Gas to surface in 3 minutes. Oil to surface in 141 minutes. Flowed a total of 15.80 barrels oil in 3 hours. Flowed 6.89 barrels during last hour. Gravity 32.4 degrees A.P.I. corrected. Lost out 2 6/104 BS and 1 1/2 W. Gas at rate of 219 MCF/D. Gas oil ratio 1727. Ending surface flowing pressure equals 50 p.s.i. Flowing bottom hole pressure 350 to 800 p.s.i. 45 minute shut in bottom hole pressure equals 2,300 p.s.i.		