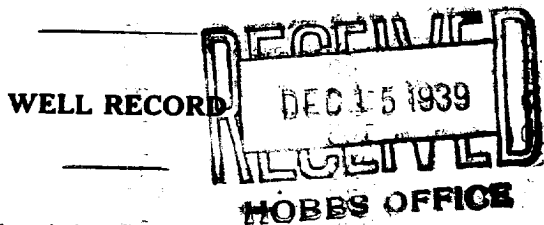
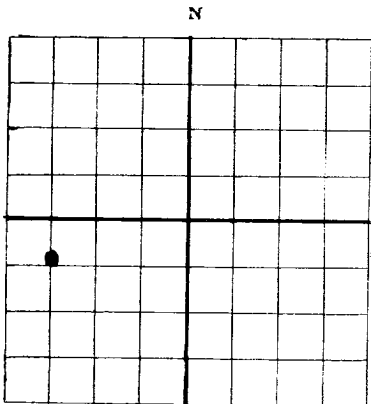


**NEW MEXICO OIL CONSERVATION COMMISSION**

Santa Fe, New Mexico



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 (3). SUBMIT IN TRIPLICATE.

**Argo Oil Corporation**

**1409 Ft. Worth Nat'l Bank Bldg, Fort Worth, Texas**

Company or Operator Texas-State Address 1409 Ft. Worth Nat'l Bank Bldg, Fort Worth, Texas

Well No. 1 in 1/2 SW/4 of Sec. 16 T. 20 S.

R. 32 E N. M. P. M., Halfway Field, Lea County.

Well is 3300 feet south of the North line and 4620 feet west of the East line of Sec 16-20S-32 E

If State land the oil and gas lease is No. B-3277 Assignment No. 3

If patented land the owner is \_\_\_\_\_ Address \_\_\_\_\_

If Government land the permittee is \_\_\_\_\_ Address \_\_\_\_\_

The Lessee is Argo Oil Corporation Address Fort Worth, Texas

Drilling commenced October 17 19 39 Drilling was completed November 14 19 39

Name of drilling contractor C. A. Martin Address Eastland, Texas

Elevation above sea level at top of casing 3510 feet.

The information given is to be kept confidential until \_\_\_\_\_ 19 \_\_\_\_\_

**OIL SANDS OR ZONES**

No. 1, from 2654 to 2657 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		PURPOSE
							FROM	TO	
<u>10 3/4</u>	<u>40.5</u>	<u>8</u>	<u>Ygst</u>	<u>420</u>		<u>Pulled after 8-5/8" was cemented.</u>			
<u>8-5/8</u>	<u>32</u>	<u>8</u>	<u>Ygst</u>	<u>931</u>	<u>Larkin</u>				<u>Surface</u>
<u>7"</u>	<u>20</u>	<u>10</u>	<u>J &amp; L</u>	<u>2610</u>	<u>Larkin</u>				<u>Oil string</u>

**MUDDING AND CEMENTING RECORD**

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
<u>10</u>	<u>8-5/8</u>	<u>931</u>	<u>50</u>	<u>Halliburton</u>		
<u>8</u>	<u>7"</u>	<u>2610</u>	<u>50</u>	<u>Halliburton</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>Acid</u>	<u>500</u>	<u>11/17/39</u>	<u>2654-2657</u>	

Results of shooting or chemical treatment Increased oil to 10 barrels per hour.

**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 \_\_\_\_\_ feet to \_\_\_\_\_ feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet

Cable tools were used from 0 feet to 2657 TD feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet

**PRODUCTION**

Put to producing Nov. 30 19 39

The production of the first 24 hours was 240 barrels of fluid of which 100 % was oil; \_\_\_\_\_ % emulsion; \_\_\_\_\_ % water; and \_\_\_\_\_ % sediment. Gravity, Be 28

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

Rock pressure, lbs. per sq. in. \_\_\_\_\_

**EMPLOYEES of C. A. Martin, Drilling Contractor:**

A. T. Wilhite Driller O. C. Westfall Driller

H. R. Martin Driller \_\_\_\_\_ 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 11th day of December 19 39

Notary Public \_\_\_\_\_

Hobbs, New Mexico Dec. 11, 1939

Place \_\_\_\_\_ Date \_\_\_\_\_

Name R. I. Simon

Position District Superintendent

Representing Argo Oil Corporation  
Company or Operator

Address 1409 Ft. Worth Nat'l Bank Bldg.  
Fort Worth, Texas

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	8	8	Cellar
8	35	27	caliche
35	60	25	red rock
60	130	70	sandy red shale
130	165	35	red rock
165	235	70	red shale
235	435	200	sandy red shale
435	454	19	red shale
454	495	41	red rock
495	560	65	sandy red shale
560	875	315	red shale
875	907	32	anhydrite
907	927	20	salt red rock
927	1025	98	anhydrite
1025	1075	50	salt
1075	1095	20	potash & red rock
1095	1138	43	anhydrite
1138	1148	10	red rock
1148	1185	37	salt
1185	1230	45	red rock & salt
1230	1385	155	salt
1385	1400	15	anhydrite
1400	1490	90	salt
1490	1500	10	anhydrite
1500	2100	600	salt
2100	2110	10	anhydrite
2110	2180	70	salt
2180	2215	35	anhydrite
2215	2283	68	salt
2283	2330	47	anhydrite
2330	2450	120	lime hard gray
2450	2465	15	lime med. gray
2465	2475	10	lime med. brown
2475	2480	5	lime hard brown
2480	2515	35	lime hard gray
2515	2527	12	lime med. gray
2527	2539	12	lime soft gray
2539	2550	11	lime med. gray
2550	2610	60	lime hard gray
2610	2654	44	lime
2654	2657	3	lime pay

931  
89

SANTA FE, N.M.

STATE LAND OFFICE  
DEC 15 8 58 AM '39