

DUPLICATE

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

RECEIVED
MAR 25 1940
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HOBBS OFFICE

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.

AREA 640 ACRES
LOCATE WELL CORRECTLY

Argo Oil Corporation 1409 Ft. Worth Nat'l Bank Bldg, Fort Worth, Texas

Company or Operator

Address

State 2 Well No. 2 in 2 1/2 W 1/2 NW 1/4 of Sec. 16, T. 20 S

Lease

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

Well is 2310 feet south of the North line and 4290 feet west of the East line of Sec 16-20S-32E

If State land the oil and gas lease is No. B-3277 Assignment No. 1

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 February 2 1940 Drilling was completed March 17 1940

Name of drilling contractor C. A. Martin Address El Mirador Apts., Carlsbad, New Mex.

Elevation above sea level at top of casing 3710 feet.

The information given is to be kept confidential until _____ 19____

OIL SANDS OR ZONES

No. 1, from 2685 to 2689' 6" TD 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 170 to 225 feet. 4 barrels per hour

No. 2, from 365 to 385 feet. 10 barrels per hour

No. 3, from 385 390 to 400 feet. 12 barrels per hour

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>10/8</u>	<u>40.5</u>	<u>8</u>	<u>Ygat</u>	<u>450</u>		<u>Pulled after 8-5/8" was cemented.</u>			
<u>8-5/8</u>	<u>28</u>	<u>8</u>	<u>Ygat</u>	<u>950</u>	<u>Larkin</u>				<u>Surface</u>
<u>7"</u>	<u>22</u>	<u>10</u>	<u>Ygat</u>	<u>2626</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>950</u>	<u>50</u>	<u>Halliburton</u>		
<u>8</u>	<u>7</u>	<u>2626</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>1000 gals</u>		<u>acid</u>		<u>3/18/40</u>	<u>2685 - 89 1/2</u>	

Results of shooting or chemical treatment 230 bbls oil in 12 hours, swabbing.

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 2689 1/2 TD feet, and from _____ feet to _____ feet

PRODUCTION

Put to producing March 21 1940

The production of the first 24 hours was 230 barrels of fluid of which 100 % was oil; _____ % emulsion; _____ % water; and _____ % sediment. Gravity, Be. 26

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

O. C. Westfall Driller H. R. Martin Driller

H. C. Morris Driller V. W. Hart 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 21st

Fort Worth, Texas March 21, 1940

day of March 1940

Name _____

Notary Public

Position Dist. Superintendent

My Commission expires June 1, 1941

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	20	20	Gulches
20	115	95	Shale soft red
115	170	55	Red rock
170	330	160	Sandy shale red
330	365	35	Red rock
365	385	20	Sand
385	425	40	Sandy red shale
425	475	50	Shale red
475	525	50	Red rock
525	580	55	Red shale
580	710	130	Sandy shale red
710	725	15	Red rock
725	735	10	Anhydrite
735	805	70	Sandy shale red
805	870	65	Red rock
870	910	40	Anhydrite
910	915	5	Shale soft red
915	935	20	Anhydrite & shale
935	1018	83	Anhydrite hard
1018	1075	57	Salt
1075	1080	5	Potash
1080	1085	5	Shale blue soft
1085	1125	40	Anhydrite hard
1125	1135	10	Red rock
1135	1160	25	Salt
1160	1175	15	Anhydrite hard
1175	1260	85	Salt & potash
1260	1315	55	Salt & red rock
1315	1375	60	Salt
1375	1390	15	Anhydrite hard
1390	1500	110	Salt
1500	1520	20	Anhydrite hard
1520	1900	380	Salt
1900	1940	40	Salt & potash
1940	2000	60	Salt
2000	2010	10	Anhydrite
2010	2030	20	Salt
2030	2038	8	Anhydrite
2038	2070	32	Salt & potash
2070	2175	105	Salt
2175	2205	30	Anhydrite
2205	2300	95	Salt
2300	2315	15	Anhydrite & brown lime hard
2315	2333	18	Anhydrite & brown lime hard
2333	2385	52	lime hard gray
2385	2388	3	Shale soft blue
2388	2438	50	lime hard gray
2438	2449	11	lime hard brown
2449	2475	26	lime hard gray
2475	2502	27	lime hard brown
2502	2509	7	lime hard gray
2509	2545	36	lime hard brown
2545	2589	44	lime hard gray
2589	2599	10	Sand
2599	2610	11	lime hard brown
2610	2677	67	lime hard gray
2677	2679	2	lime hard brown
2679	2682	3	lime soft gray
2682	2688	6	lime hard gray
2688	2689 6'	1 6	lime med. gray TD.