

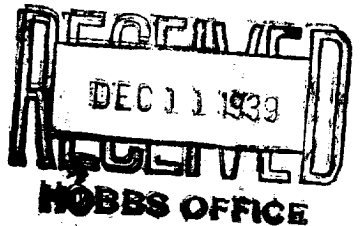
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NEW MEXICO OIL CONSERVATION COMMISSION

DUPLICATE

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.

AREA 640 ACRES
LOCATE WELL CORRECTLY

Arge Oil Corporation

Worth Nat'l Bank Bldg. Fort Worth, Texas

Company or Operator
Texas State
Well No. **1** in **16** of Sec. **20 S**
R. **32 E** N. M. P. M. **Lee** County.
Well is **3300** feet south of the North line and **400** feet west of the East line of **See 15-309-32E**
If State land the oil and gas lease is No. **2-3477** Assignment No. **3**
If patented land the owner is **State** Address **State**
If Government land the permittee is **State** Address **State**
The Lessee is **Arge 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 **Detroit, 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** feet
No. 2, from **2657** to **2660** feet
No. 3, from **2660** to **2663** feet
No. 4, from **2663** to **2666** feet
No. 5, from **2666** to **2669** feet
No. 6, from **2669** to **2672** feet

IMPORTANT WATER SANDS
Include data on rate of water inflow and elevation to which water rose in hole.
No. 1, from **2654** to **2657** feet
No. 2, from **2657** to **2660** feet
No. 3, from **2660** to **2663** feet
No. 4, from **2663** to **2666** feet

CASING RECORD

SIZE	WEIGHT PER FOOT	THREADS PER INCH	MAKE	AMOUNT	KIND OF SHOE	CUT & FILLED FROM	PERFORATED		PURPOSE
							FROM	TO	
10 1/2	40.5	8	Ygat.	420		Pulled after 2-5/8" was cemented.			
8-5/8	32	8	Ygat.	931	Larkin				Surface
7" OD	20	10	JYL	2610	Larkin				Oil string.

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
10	8-5/8	931	50	Halliburton		
8	7	2610	50	Halliburton		

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
		Acid	500	11/17/39	2654 - 2657	

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 _____ 19 **39**
The production of the first 24 hours was **240** barrels of fluid of which **100** % was oil; _____ % emulsion; **0** % water; and **0** % 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. J. White Driller **O. G. Westfall** Driller
E. 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 **11** th day of **December** 19 **39**
Margaret M. Hooper
Notary Public
My Commission expires **Sept. 22, 1942**

Hobbs, N. M. **12/11/39**
Place Date
Name **R. L. Simon**
Position **District Superintendent**
Representing **Arge 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	gypsum
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	575	15	red shale
575	907	332	anhydrite
907	927	20	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	1580	90	anhydrite
1580	2100	520	salt
2100	2120	20	anhydrite
2120	2180	60	salt
2180	2215	35	anhydrite
2215	2285	70	salt
2285	2330	45	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 pag