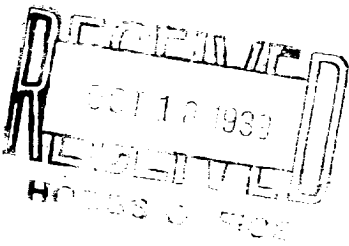


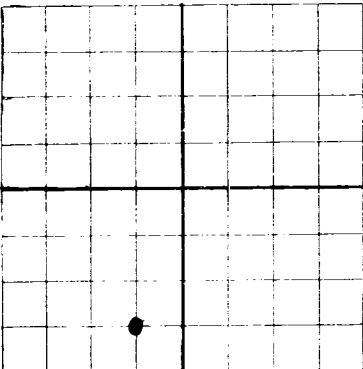
N

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico



WELL RECORD



AREA 640 ACRES
LOCATE WELL CORRECTLY

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.

DUPLICATE

Amerada Petroleum Corporation

Tulsa, Oklahoma.

Company or Operator **R.J. Johnston** Address **Tulsa, Oklahoma.**
Well No. **4** in **SE 1/4** of **SW 1/4** Sec. **27** T. **24s**
Lease **37e** N. M. P. M. **Kattix** Field, **Lea** County.
Well is **660** feet ~~xxx~~ north of the ~~xxx~~ south line and **1980** feet ~~xxx~~ east of the ~~xxx~~ west line of **Section 27-24-37e**
If State land the oil and gas lease is No. _____ Assignment No. _____
If patented land the owner is _____ Address _____
If Government land the permittee is _____ Address _____
The Lessee is **Amerada Petroleum Corporation** Address **Tulsa, Oklahoma.**
Drilling commenced **September 21, 1939.** Drilling was completed **October 13, 1939.**
Name of drilling contractor **Sparkman & Reusch** Address **Tulsa, Oklahoms.**
Elevation above sea level at top of casing **3188 DF** feet.
The information given is to be kept confidential until _____ 19 _____

OIL SANDS OR ZONES

No. 1, from **3358** to **TD 3500** 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 **No Water.** 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 FROM	TO	PURPOSE
8 5/8"	32#	10	Smls.	447	Texas				Surface
5 1/2	14#	10	Smls.	3266	Bakblu				Oil

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
11"	8 5/8	447	140	Halliburton		
7 7/8	5 1/2	3266	200	Halliburton		

PLUGS AND ADAPTERS

Heaving plug—Material **None** ~~Plugs or adapters.~~ 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
		No shot or chemical treatment.				

Results of shooting or chemical treatment **No shot or treatment.**

RECORD OF DRILL-STEM AND SPRIAL TESTS

If drill-stem or other special tests or deviation surveys were made, submit report on separate sheet and attach hereto.
None.

TOOLS USED

Rotary tools were used from **0** feet to **TD 3500** feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet
Not used.

PRODUCTION

Put to producing **October 14, 1939.** 19 _____
The production of the first 24 hours was **112.72** barrels of fluid of which **100** % was oil; **no** % emulsion; **no** % water; and **no** % sediment. Gravity, Be **38**
If gas well, cu. ft. per 24 hours **242 Mott. Gas/oil ratio 2614** Gallons per 1,000 cu. ft. of gas _____
Rock pressure, lbs. per sq. in. _____

EMPLOYEES

Otto Trimble Driller **A.C. Bradford** Driller
A.L. Reese 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 **16th** _____ **Monument, New Mexico, October 16, 1939.**
day of **October** 19 **39** Name **J. L. Law**
Lewis G. Manna Notary Public Position **Superintendent**
Representing **Amerada Petroleum Corporation**
My Commission expires **December 21, 1940.** Address **Monument, New Mexico.**

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	100	100	Sand and caliche
100	130	30	Sand and gravel
130	270	140	Streaks of redbed
270	330	60	Shells
330	455	115	Redbed and shells. @ TD 455' Set 8 5/8" @ 447' w/ 140 #x.
455	610	155	Redrock and shells
610	690	80	Sand
690	1042	352	Redrock and shells
1042	1145	103	Anhydrite
1145	1190	45	Anhydrite and salt
1190	1230	40	Salt
1230	1388	158	Salt and anhydrite shells
1388	1445	57	Anhydrite
1445	1784	339	Salt and anhydrite shells
1784	1840	56	Anhydrite and salt
1840	1904	64	Salt
1904	2225	321	Salt and anhydrite
2225	2258	32	Anhydrite
2258	2263	5	Salt
2263	2435	172	Salt and anhydrite
2435	2458	23	Anhydrite and gyp
2458	2522	64	Anhydrite
2522	2555	33	Anhydrite and gyp
2555	2687	132	Anhydrite and lime
2687	2708	21	Sand and lime
2708	2948	240	Lime
2948	3016	68	Brown lime
3016	3500	484	Lime. @ 3320' Set 5 1/2" Casing @ 3266' w/ 200 sacks.

@ TD 3500' Set 2" EUE seamless tubing @ 3498'. Flowed 35 barrels thru casing while running tubing. IP Flowed 112.72 Barrels of pipe line oil in 24 hours thru 20/64" choke. Daily gas rate 242 Mcft. Gas/oil ratio 2814.