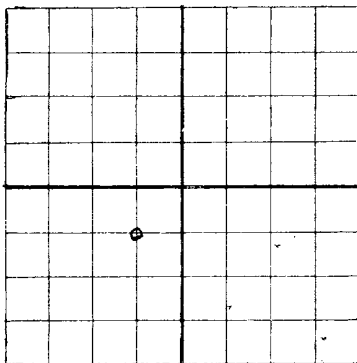


N

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

Drawer 2040

Tulsa, Oklahoma.

State **LA** Company or Operator **3** Well No. **3** in **NE 1/4** of **SW 1** Address **1** T. **17s**
 Lease **36e** R. **36e** N. M. P. M. **South Lovington** Field, **Lea** County.
 Well is **1980'** feet **South** of the **South** line and **1980** feet **East** of the **East** line of **1-17s-36e**
 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 **August 11** 19 **39** Drilling was completed **September 17** 19 **39**
 Name of drilling contractor **Noble Drilling Company** Address **Tulsa, Oklahoma.**
 Elevation above sea level at top of casing **3835 DF** feet.
 The information given is to be kept confidential until **X** 19 _____

OIL SANDS OR ZONES

No. 1, from **4622** to **4895** 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	
13"	40#	8	DN	314'	Texas	X	x	x	Surface
8 5/8"	32#	8	Smls.	3100'	Float	x	x	x	Salt string
5 1/2"	17#	10	Smls.	4592'	Float	x	x	x	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
17 1/4"	13"	314'	250	Halliburton	x	x
11"	8 5/8"	3100'	250	Halliburton	x	x
7 7/8"	5 1/2"	4592'	200	Halliburton	x	x

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth Set _____
 Adapters—Material _____ Size **No plugs or adapters.**

RECORD OF SHOOTING OR CHEMICAL TREATMENT

SIZE	SHELL USED	EXPLOSIVE OR CHEMICAL USED	QUANTITY	DATE	DEPTH SHOT OR TREATED	DEPTH CLEANED OUT
See other side for complete report on chemical treatments.						

Results of shooting or chemical treatment **See other side.**

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 **4903 1/2** feet, and from _____ feet to _____ feet
 Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

PRODUCTION

Put to producing **September 23** 19 **39**
 The production of the first 24 hours was **478** barrels of fluid of which **100** % was oil; **x** % emulsion; **x** % water; and **x** % sediment. Gravity, Be **36**
 If gas well, cu. ft. per 24 hours **534 Mcft.** Gallons gasoline per 1,000 cu. ft. of gas _____
 Rock pressure, lbs. per sq. in. **x**

EMPLOYEES

Fred Mound Driller **Marvin Winters** Driller
Ace Williams. 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 **23**

Monument, New Mexico. September 23, 1939.

day of **September** 19 **39**Name **J. L. Law**Position **Superintendent**Representing **Amerada Petroleum Corporation**

Notary Public

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	17	17	Cellar and substructure.
17	80	63	Caliche
80	250	170	Sand and shells
250	500	250	Redbed and redrock
500	1013	513	Redbed
1013	1512	499	Redbed and redrock
1512	1923	411	Redrock
1923	1959	36	Anhydrite. Top anhydrite 1923'.
1959	2087	128	Anhydrite and redrock.
2087	2255	168	Salt and anhydrite. Top salt 2010.
2255	2510	255	Salt, anhydrite and redrock.
2510	2684	174	Salt and anhydrite. Show air 2530'.
2684	2758	74	Salt and redrock streaks. Show air 2700'.
2758	2970	212	Anhydrite and salt. Base salt 2830.
2970	3025	55	Anhydrite and redrock. Top Yates 3005.
3025	3095	70	Anhydrite, salt, shale.
3095	3242	147	Anhydrite. Top Brown lime 3160.
3242	3478	236	Anhydrite and gyp.
3478	3577	99	Anhydrite.
3577	3650	73	Anhydrite and gyp.
3650	3768	118	Anhydrite.
3768	4200	232	Anhydrite and gyp.
4200	4244	44	Anhydrite.
4244	4264	20	Anhydrite and gyp.
4264	4318	54	Anhydrite, gyp, lime streaks.
4318	4355	37	Anhydrite and lime.
4355	4400	45	Anhydrite.
4400	4460	60	Anhydrite and lime.
4460	4495	35	Anhydrite
4495	4518	23	Lime
4518	4538	20	Lime and anhydrite.
4538	4903 TD	365	Gray lime. Top white lime 4595. Top Pay 4622. Slight pay: 4622-42;55-64;74-85;4808-15;32-42;54-68. Trace Pay 4870-78 Best Pay 4878-95.

@ TD 4903'. Set 2" EUE seamless tubing @ 4700'. Swabbed and flowed 44½ barrels of pipe line oil in 9 hours., then flowed 151 barrels of pipe line oil the following 23 hours, with a gas/oil ratio of 533. Treated with 2000 gallons of Halliburton acid, after which well swabbed and flowed 206½ barrels oil in 23 hours with a Gas/oil ratio of 416. Prior to this acid treatment, the tubing was lowered from 4700' to 4895'. The well then flowed and swabbed 200 barrels of oil during the following 20½ hours, with a gas/oil ratio of 577, but considerable difficulty was encountered in trying to obtain a steady flow. The well was then shut in for 6 hours, killed with 120 barrels of oil; the tubing raised to 4768' and treated with 5000 gallons of Dowell acid, of which 2000 gallons was X and 1000 gallons was XX. This was followed with a 44 barrel oil flush. After recovering the load, and allowing to clean up, which took approximately 10 hours, the well flowed IP 478 barrels of pipe line oil in 24 hours thru 42/64" choke on 2" EUE seamless tubing, with daily gas rate of 334 Mcft. and a gas-oil ratio of 700. The casing pressure at the close of this test was 400#. The tubing pressure was 60#.

Date of IP September 22, 1939.

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

MISCELLANEOUS REPORTS ON WELL

Submit this report in triplicate to the Oil Conservation Commission or its proper agent within ten days after the work specified is completed. It should be signed and sworn to before a notary public for reports on beginning drilling operations, results of shooting well, results of test of casing shut-offs, result of plugging of well, and other important operations, even though the work was witnessed by an agent of the commission. Reports on minor operations need not be signed and sworn to before a notary public. See additional instructions in the Rules and Regulations of the Commission.

Indicate nature of report by checking below:

REPORT ON BEGINNING DRILLING OPERATIONS		REPORT ON REPAIRING WELL	
REPORT ON RESULT OF SHOOTING OR CHEMICAL TREATMENT OF WELL		REPORT ON PULLING OR OTHERWISE ALTERING CASING	
REPORT ON RESULT OF TEST OF CASING SHUT-OFF	X	REPORT ON DEEPENING WELL	
REPORT ON RESULT OF PLUGGING OF WELL			

Monument, New Mexico. September 15, 1939.

Place

Date

OIL CONSERVATION COMMISSION,

Santa Fe, New Mexico.

Gentlemen:

Following is a report on the work done and the results obtained under the heading noted above at the

Amerada Petroleum Corporation**State LA**Well No. **3**

in the

Company or Operator

Lease

SW $\frac{1}{4}$ of NE $\frac{1}{4}$

of Sec.

1

T.

17e

R.

36e

N. M. P. M.,

South Lovington

Field,

Lea

County

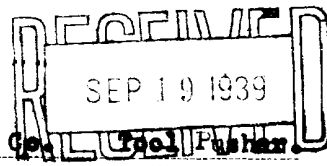
The dates of this work were as follows:

September 12, 1939.

Notice of intention to do the work was (~~was not~~) submitted on Form C-102 on **September 10** 19 **39**
and approval of the proposed plan ~~was~~ (was not) obtained. (Cross out incorrect words)

DETAILED ACCOUNT OF WORK DONE AND RESULTS OBTAINED

@ TD 4598' with 5 $\frac{1}{2}$ " Casing set @ 4592 and cemented with 200 sacks of common cement, on September 9, 1939, the well was allowed to stand undisturbed for a period of 72 hours. Pump pressure of 1200# was applied to the pipe and fittings, the valves closed and the pressure observed for a period of 30 minutes. There was no drop in pressure. The cement plug was then drilled and the same test again applied without drop in pressure. Drilling was resumed on the evening of September 12, 1939.



Witnessed by **A.T. Hopkins**
Name

Noble Drilling Co.
Company

HOBBS OFFICE
Title

Subscribed and sworn to before me this

I hereby swear or affirm that the information given above is true and correct.

15

day of

September, 19 **39**

Name

E. Lowe

Position

Superintendent

Representing

Amerada Petroleum Corporation

Company or Operator

My Commission expires **12-21-1940**

Address

Monument, New Mexico.

Remarks:

Roy Garbraugh
Name
OIL & GAS INSPECTOR