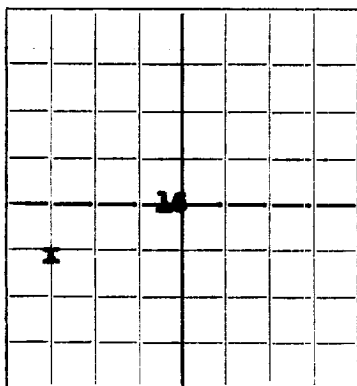


N.

## NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

AREA 640 ACRES  
LOCATE WELL CORRECTLY

WELL RECORD

RECEIVED  
MAY 13 1937  
DUPLICATE

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.

Amerada Petroleum Corporation State "X"  
Company or Operator Lease  
Well No. 1 in NW 1/4 SW 1/4 of Sec. 16, T. 20  
R. 37, N. M. P. M., Monument Field, Lea County.  
Well is 1980' feet south of the North line and 660' feet west of the East line of 16 - 20 - 37  
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 March 20, 1937. Drilling was completed May 4, 1937  
Name of drilling contractor Noble Drilling Co., Address Tulsa, Oklahoma  
Elevation above sea level at top of casing 3517' feet.  
The information given is to be kept confidential until \_\_\_\_\_ 19\_\_\_\_

## OIL SANDS OR ZONES

No. 1, from 3774' to 3835' 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 None 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 FROM TO	PURPOSE
<u>12 1/2"</u>	<u>40#</u>	<u>8-Thd L.H.</u>	<u>175' 9"</u>	<u>Texas Pattern</u>				
<u>8-5/8"</u>	<u>32#</u>	<u>8-Thd. Sals.</u>	<u>2421' 2"</u>	<u>Baker Bakblu</u>				
<u>6-5/8"</u>	<u>20#</u>	<u>10-Thd Sals</u>	<u>3780' 9"</u>	<u>Texas Pattern</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>17 1/2"</u>	<u>12 1/2"</u>	<u>198'</u>	<u>200</u>	<u>Halliburton</u>		
<u>11"</u>	<u>8-5/8"</u>	<u>2417'</u>	<u>600</u>	<u>Halliburton</u>		
<u>7-7/8"</u>	<u>6-5/8"</u>	<u>3780'</u>	<u>100</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>None</u>				

Results of shooting or chemical treatment \_\_\_\_\_

## 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 3835' feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet  
Cable toops were used from 0 feet to \_\_\_\_\_ feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet

## PRODUCTION

Put to producing May 5, 1937, 19\_\_\_\_  
The production of the first 2 2/3 hrs was 338 barrels of which \_\_\_\_\_ % was oil; \_\_\_\_\_ % emulsion; \_\_\_\_\_ % water; and \_\_\_\_\_ % sediment. Gravity, Be 32.  
If gas well, cu. ft. per 24 hours \_\_\_\_\_ Gallons gasoline per 1,000 cu. ft. of gas \_\_\_\_\_  
Rock pressure, lbs. per sq. in. \_\_\_\_\_

## EMPLOYEES

M. J. Winters, Driller T. L. Kimrey, Driller  
E. A. McKillips, 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 \_\_\_\_\_

day of \_\_\_\_\_, 19\_\_\_\_

Notary Public

My Commission expires \_\_\_\_\_

Monument, New Mexico May 11, 1937

Name J. H. StuckyPosition Supt.Representing Amerada Petroleum Corporation

Company or Operator.

Address Monument, New Mexico

## FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	18	18	Cellar and substructure.
18	147	129	Caliche and sand.
147	210	63	Red bed. Set 12 1/2" csg. At 196' w/ 200 sacks.
210	690	470	Red bed and red rock.
690	1081	401	Red rock and shale.
1081	1086	5	Red rock and gyp.
1086	1192	106	Anhydrite. Top of anhydrite 1086'.
1192	2025	833	Anhydrite and salt.
2025	2148	123	Salt.
2148	2185	37	Salt, potash and shells.
2185	2314	129	Salt and anhydrite.
2314	2327	13	Broken anhydrite.
2327	2346	19	Broken anhydrite and salt. Base of salt 2346'.
2346	2428	82	Anhydrite. Set 8-5/8" csg. At 2417' w/ 600 sacks.
2428	2457	29	Anhydrite and gyp.
2457	2592	125	Anhydrite and sand.
2592	2653	61	Broken anhydrite, sand and lime.
2653	2660	7	Brown lime. Top of Monument Line 2640'.
2660	2700	40	Brown and gray lime.
2700	2755	55	Anhydrite and brown lime.
2755	2855	100	Lime and anhydrite.
2855	2891	36	Anhydrite.
2891	3006	115	Anhydrite and brown lime.
3006	3129	123	Anhydrite and lime.
3129	3156	27	Anhydrite and brown lime.
3156	3162	6	Anhydrite, brown and gray lime.
3162	3245	83	Anhydrite and lime.
3245	3290	45	Brown lime and sand. Show of gas.
3290	3340	50	Brown and gray lime. Gas odor.
3340	3382	42	Brown lime and anhydrite.
3382	3395	13	Gray lime.
3395	3401	6	Brown lime and sand. Show of gas.
3401	3694	293	Gray lime.
3694	3696	2	Brown sandy lime.
3696	3701	5	Gray lime.
3701	3730	29	Gray and streaks of brown lime.
3730	3747	17	Broken brown and gray lime.
3747	3764	17	Brown and gray lime. Set 6-5/8" csg. At 3760' w/ 100 sacks.
3764	3835	71	Lime.

Top of pay 3774'.

3835' T.D. Broken lime. Set 2 1/2" upset tubing at 3833'. Swabbed in and flowed 304 barrels oil on 5 hour test. Through 1" open choke on 2 1/2" tubing. Hourly average of 61 barrels. Gas volume of 7,100,000. Gas oil ratio 5220. Tubing pressure 400#. Gasing pressure 600#.

Killed well with water. Pulled 2 1/2" tubing and re-run same with packer. Set packer (Robinson Rubber 2 1/2" X 5 1/2" X 40") at 3818' w/ perforations below. Swabbed in and flowed 538 barrels oil on 8-2/3 hours test. Through 1" open choke. Hourly average of 50 barrels. Gas volume the last hour of test 1,092,000. Gas oil ratio 812. Tubing pressure 140#. Gasing pressure 0#.