

N.

## NEW MEXICO OIL CONSERVATION COMMISSION

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

Amerada Petroleum Corporation  
Company or Operator

Monument, New Mexico  
Address

Love Lease Well No. 1 in NW 1/4 Sec. 32 of T. 19

R. 37 N. M. P. M., Monument Field, Lea County.

Well is 1980' From South line feet south of the North line and 1980' feet west of the East line of 32 - 19 - 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 January 13, 1937 Drilling was completed February 16, 1937

Name of drilling contractor Noble Drilling Co. Address Tulsa, Oklahoma

Elevation above sea level at top of casing 3567' feet.

The information given is to be kept confidential until 19

## OIL SANDS OR ZONES

No. 1, from 3796' to 3895' 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
12 1/2"	40#	8-Thd.	L.M.	190' 11"	Texas	Pattern			
8-5/8"	32#	8-Thd.	Smls.	2478' 4"	Baker	Bakblu			
6-5/8"	20#	10-Thd.	Smls.	3825' 0"	Baker	Texas Pattern.			

## 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 1/2"	12 1/2"	205'	200	Halliburton		
11"	8-5/8"	2470'	600	Halliburton		
7-7/8"	6-5/8"	3795'	100	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
			2000 gallons	2/17/37		

Results of shooting or chemical treatment On Back of page.

## 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 3895' feet, and from feet to feet  
Cable tools were used from 0 feet to feet, and from feet to feet

## PRODUCTION

Put to producing February 18, 1937, 19  
The production of the first 5 3/4 hours was 371 barrels of fluid 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

T.S. Offutt Driller T.L. Kinney Driller  
L.P. Cowart 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 20th day of February, 1937, at Monument, New Mexico, Date February 20, 1937

Ward E. Guinn Notary Public.

Name J. A. Starky

Position Farm Boss

Representing Amerada Petroleum Corporation

Address Monument, New Mexico

My Commission expires Dec 21-1946

## FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	13	13	Cellar and substructure.
13	30	12	Caliche.
30	60	30	Sand and gravel.
60	100	40	Shale.
100	145	45	Shale and gravel.
145	850	705	Red bed. Set 12 1/2" cas. At 205' w/ 200 sacks.
850	888	38	Red beds and shells.
888	995	107	Red bed and shale.
995	1147	52	Red beds.
1147	1186	39	Red bed and gyp.
1186	1212	26	Red bed.
1212	1317	105	Anhydrite. Top of anhydrite 1212.
1317	1400	83	Salt and anhydrite shells.
1400	1490	90	Salt and potash.
1490	1515	25	Anhydrite.
1515	1560	45	Salt and potash.
1560	1592	32	Salt and shale.
1592	1601	9	Anhydrite.
1601	1734	133	Salt, anhydrite and potash.
1734	1871	137	Salt and potash.
1871	1900	29	Anhydrite.
1900	1908	8	Salt
1908	2065	157	Salt and potash.
2065	2190	125	Salt and anhydrite.
2190	2234	44	Salt and potash.
2234	2254	20	Anhydrite.
2254	2409	155	Salt and potash. Base of salt 2400'.
2409	2571	162	Anhydrite. Set 8-5/8" cas. At 2470' w/ 600 sacks.
2571	2609	38	Anhydrite and lime.
2609	2678	69	Anhydrite.
2678	2740	62	Brown lime and gyp. Top of Monumentline 2720'.
2740	2811	71	Brown lime and anhydrite.
2811	2904	93	Lime and anhydrite.
2904	2950	46	Sandy lime.
2950	3018	68	Lime and anhydrite.
3018	3099	81	Lime.
3099	3246	147	Lime and anhydrite.
3246	3279	33	Lime.
3279	3327	48	Lime and anhydrite.
3327	3404	81	Lime.
3404	3428	24	Brown lime. Gas odor.
3428	3874	446	Lime. Set 3795' of 6-5/8" cas. w/ 100 sacks. Gas show at 3450'-73'.
3874	3881	7	Brown lime. Oil stain.
3881	3891	10	Dark gray lime.
3891	3895	4	Brown lime.

Top of pay 3795'.

3895' Total depth. Brown lime.

Ran 2 1/2" upset tubing to 3888'. Swabbed approximately 5 barrels oil per hour. Treated with 2000 g llons Dowell XX acid. Acid started in under 800' on tubing and 1100' on casing. Fins hed up under 600' on tubing and 1000' on casing. 32 barrels of flush oil went in under 500' on tubing and 890' on casing. Set 6 hours. Swabbed twice and well flowed 371 barrels pipe line oil on 5-3/4 hour test. Hourly average of 65 barrels. Through 2 1/2" tubing and 1" open choke. Daily gas rate of 886,000. Gas oil ratio of 568. Tubing pressure 190%. Casing pressure 20%.