

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 TRIPPLICATE. FORM C-110 WILL NOT BE APPROVED UNTIL FORM C-105 IS PROPERLY FILLED OUT.

AREA 640 ACRES
LOCATE WELL CORRECTLYAmerada Petroleum Corporation
Company or Operator

Drawer D, Monument, New Mexico.

A. G. Falby

Well No.

1

in NW 1 SW 1

of Sec.

19

T 24S

Lease

R 37E N. M. P. M. Langlie-Mattix

Field,

Lea

County.

Well is 3630 feet south of the North line and 4290 feet west of the East line of Sect. 19-24S-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 Amerada Pet. Corp. Address Tulsa, 2, Okla.

The Lessee is Amerada Petroleum Corporation Address Box 2040, Tulsa, 2, Okla.

Drilling commenced November 1, 1948 19 Drilling was completed December 22, 19 48

Name of drilling contractor Two States Drilling, Address Dallas, Texas

Elevation above sea level at top of casing 3284 feet.

The information given is to be kept confidential until Not confidential 19

OIL SANDS OR ZONES

No. 1, from 3085 to 3190 Perforations 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	
8 5/8"	32	10	Smlss	314'	Float Shoe				
5 1/2"	15.5	8	Smlss	3350'	Float Shoe				

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHODS USED	MUD GRAVITY	AMOUNT OF MUD USED
12 1/4	8 5/8	314	175	Halliburton		
7 7/8"	5 1/2	3350'	450	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 Gals.	12-8-48	3100-3190	
		Acid	2000 Gals	12-10-48	3100-3190	

Results of shooting or chemical treatment Made 29.87 bbls after first treatment swabbing and 16.60 bbls after second treatment swabbing 6 hours.

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.

See list attached.

TOOLS USED

Rotary tools were used from 0 feet to 3824' feet, and from feet to feet

Cable tools were used from feet to feet, and from feet to feet

PRODUCTION

Put to producing December 22, 1948

The production of the first 24 hours was 32.48 barrels of fluid of which 100% was oil; % emulsion; % water; and % sediment. Gravity, Be. 31.2

If gas well, cu. ft. per 24 hours Gallons gasoline per 1,000 cu. ft. of gas

Rock pressure, lbs. per sq. in.

EMPLOYEES

C. P. Stewart Driller E. R. Posel Driller

H. A. Wigley 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 28

Monument, New Mexico December 28, 1948

day of December, 1948

Name

Position Asst. Dist. Supt.

Representing Amerada Pet. Corp.

My Commission expires

Address Drawer D, Monument, New Mexico.

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0'	158'	158'	Caliche, Sand & Gravel
158'	320'	162'	Red Bed
320'	330'	10'	Red Bed
330'	1068'	738'	Shale
1068'	1215'	147'	Red Bed
1215'	1252'	37'	Anhydrite
1252'	1702'	450'	Anhydrite & Salt
1702'	1750'	48'	Salt & Anhydrite
1750'	1866'	116'	Anhydrite & Salt
1866'	1995'	129'	Salt, Anhydrite & Potash
1995'	2056'	61'	Anhydrite & Salt
2056'	2192'	136'	Salt & Anhydrite
2192'	2247'	55'	Salt, Anhydrite & Lime Streaks
2247'	2552'	305'	Anhydrite
2552'	2591'	39'	Anhydrite & Salt
2591'	2690'	99'	Anhydrite
2690'	2812'	122'	Anhydrite & Salt
2812'	2843'	31'	Lime
2843'	2857'	14'	Gypsum & Anhydrite
2857'	2872'	15'	Lime
2872'	2890'	18'	Anhydrite & Gypsum
2890'	2920'	30'	Broken Lime, Anhydrite & Gypsum (Odor of gas)
2920'	2951'	31'	Anhydrite & Lime
2951'	2972'	21'	Anhydrite & Gypsum
2972'	3003'	31'	Anhydrite & Lime
3003'	3005'	2'	Anhydrite
3005'	3017'	12'	Sand
3017'	3050'	33'	Anhydrite & Gypsum
3050'	3063'	13'	Sand & Lime
3063'	3100'	37'	Lime
3100'	3200'	100'	Lime
3200'	3273'	73'	Lime
3273'	3285'	12'	Broken Sand
3285'	3290'	5'	Lime
3290'	3320'	30'	Dolomite & Lime
3320'	3406'	86'	Lime
3406'	3411'	5'	Broken Sand & Lime
3411'	3598'	187'	Lime
3598'	3615'	17'	Lime & Broken Sandy Shale
3615'	3629'	14'	Lime
3629'	3683'	54'	Lime & Sand
3683'	3707'	24'	Lime & Sandy Shale
3707'	3754'	47'	Lime
3754'	3767'	13'	Lime & Sand Streaks
3767'	3807'	40'	Lime & Sand
3807'	3824'	17'	Lime
3824'			Total Depth
3695'			Plug Back Depth
3318'			Drilled out depth

GEOLOGICAL TOPS

Elevation Derrick Floor	3302'
Elevation Ground	3293'
Top Anhydrite	1140'
Top Salt	1210'
Base Salt	2810'
Top Yates	2970'
Zone #1	3005'
Top Stuart	3618'
Pay	

SLOPE TESTS

310'	1/2°	2105'	1/4°
500'	str.	2170'	1/2°
750'	3/4°	2200'	1/2°
900'	3/4°	2230'	1/2°
1140'	1°	2300'	3/4°
1295'	1°	2350'	1°
1360'	1°	2415'	1°
1420'	1°	2480'	1°
1480'	1°	2540'	1°
1545'	3/4°	2600'	1°
1605'	3/4°	2660'	1°
1670'	3/4°	2725'	1°
1730'	3/4°	2850'	1°
1796'	3/4°	2915'	1°
1850'	3/4°	3010'	1°
1930'	3/4°	3130'	3/4°
1985'	1/2°	3380'	1/4°
2046'	1/2°	3510'	1/2°
		3690'	1/2°