

N.

NEW MEXICO OIL AND GAS CONSERVATION COMMISSION

AREA 640 ACRES
LOCATE WELL CORRECTLY

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.

Amerada Petroleum Corporation

State "N"

Company or Operator

Lessee

Well No. 8

of Sec. 13

T. 20

R. 36

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 13 - 20 - 36

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 April 23, 1937 19 Drilling was completed May 22, 1937 19

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

Elevation above sea level at top of casing 3885' feet.

The information given is to be kept confidential until 19

OIL SANDS OR ZONES

No. 1, from 3778' to 3885' 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. 2, 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	
12 1/2"	40 1/2	8-THD.	L.S.	125' 0"	Texas Pattern				
8-5/8"	32 1/2	8-THD.	Sals.	2439' 0"	Baker Pattern				
6-5/8"	20 1/2	10-THD.	Sals.	2801' 0"	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"	196'	200	Halliburton		
11"	8-5/8"	2436'	600	Halliburton		
7 7/8"	6-5/8"	3778'	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

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 3885' feet, and from feet to feet

Cable tools were used from 0 feet to feet, and from feet to feet

PRODUCTION

Put to producing May 22, 1937 19

The production of the first 24 hours was 446 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

L. Obermuller Driller B.W. Garrett Driller

Fred Traugott 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 26

day of May 1937

Lewis A. Mearns

Notary Public.

Monument, New Mexico May 26, 1937

Name J. A. Stanley

Position Sup't.

Representing Amerada Petroleum Corporation

Company or Operator

My Commission expires Dec. 21, 1940

Address Monument, New Mexico

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	18	18	Collar and substructure.
18	105	87	Shells and shells.
105	270	165	Red bed and shells. Set 12 1/2" casing. At 196' w/ 2.0 sacks
270	450	180	Red bed
450	650	200	Red bed and shells.
650	735	85	Red rock and shells.
735	845	110	Red bed and shells.
845	943	98	Red rock.
943	997	54	Red rock and shells.
997	1091	94	Anhydrite. Top of Anhydrite 997'.
1091	1148	57	Anhydrite and salt. Air showing at 1105'.
1148	1268	120	Anhydrite, red rock and streaks of salt.
1268	1997	729	Anhydrite, salt and potash.
1997	2018	21	Anhydrite.
2018	2070	52	Salt and shells.
2070	2150	80	Salt, anhydrite and streaks of potash.
2150	2194	44	Salt, anhydrite and streaks of gyp.
2194	2200	6	Anhydrite.
2200	2282	82	Salt and shells.
2282	2365	83	Salt and streaks of gyp. Base of salt 2365'.
2365	2369	4	Anhydrite.
2369	2394	25	Anhydrite and streaks of gyp.
2394	2442	48	Anhydrite. Set 8-5/8" casing. At 2435' w/ 600 sacks.
2442	2544	102	Anhydrite and sand.
2544	2596	52	Anhydrite.
2596	2766	170	Anhydrite and lime. Top of Monument Line 2680'.
2766	2861	95	Anhydrite and gyp. Gas show at 2786'-28'.
2861	3221	360	Anhydrite and lime.
3221	3237	16	Lime.
3237	3257	20	Lime and streaks of anhydrite.
3257	3310	53	Lime. Gas show at 3265'-37'.
3310	3380	70	Lime and anhydrite.
3380	3386	6	Brown lime.
3386	3412	26	Gray and brown lime.
3412	3437	25	Gray lime.
3437	3741	304	Brown and gray lime.
3741	3780	39	Gray lime. Set 4-5/8" casing. At 3778' w/ 100 sacks.
3780	3818	38	Lime.
3818	3859	41	Brown lime.
3859	3865	6	Sandy lime.

Top of pay 3778'.

3865' T.D. Broken line. Set 2 1/2" upset tubing at 3859'. Swabbed approximately 1 barrel oil per hour, very little gas. Treated with 2000 gallons of Halliburton Acid. Acid started in under 1700' on tubing and 1950' on casing. Finished under 1650' on tubing, and 1650' on casing. 80 barrels flush oil used. Minimum pressure during treatment was 1600' on tubing and 1800' on casing. Set 3 hours. Swabbed in and flowed 116 barrels oil on 6-3/4" hour test. Through 1" open choke on 2 1/2" tubing. Gas volume at first of test 56,000'. Well loaded up and was shut in.

Reacidized w/ 2000 gallons of Halliburton Acid. Acid started in under 100' on tubing and 200' on casing. 189 barrels flush oil finished under 1700' on tubing and 1700' on casing. Set 2 1/4" hour. Swabbed in and flowed 446 barrels pipe line oil on 24 hour test. Hourly average of 18 1/2 barrels. Flowing through 32/64" Choke on 2 1/2" tubing. Gas volume of 442,400. Gas oil ratio 992. Tubing pressure 200'. Casing pressure 400'.