

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

Monument, New Mexico

Company or Operator

Address

State "G"

Well No. 2

in NW 1/4

of Sec. 18

T. 19

Lease

R. 37

N. M. P. M.

Monument

Field

Lea

County

Well is 1980'

From the South line

660'

From the West line

18 - 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 September 1, 1937

Drilling was completed

October 5, 1937

Name of drilling contractor Noble Drilling Co.

Address

Tulsa, Oklahoma

Elevation above sea level at top of casing 3702' feet.

The information given is to be kept confidential until

19

OIL SANDS OR ZONES

No. 1, from 4013' to 4045'

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
1 1/2"	40#	8-THD.	L.H.	258' 6"	Texas Pattern			
8-5/8"	28#	8-THD.	Sals.	2576' 3"	Baker Bakblu			
6-5/8"	20#	10-THD.	Sals.	3261' 4"	Texas Pattern			

MUDGING 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"	199' 6"	200	Halliburton		
11"	8-5/8"	2573'	600	Halliburton		
7-7/8"	6-5/8"	3246'	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
		Dowell XX Acid.	2000 gallons			

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 4045' feet, and from feet to feet

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

PRODUCTION

Put to producing October 6, 1937, 19

The production of the first 24 hours was 162 barrels of fluid of which 100% oil % was oil; %

emulsion; % water; and % sediment. Gravity, Be 32.5

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

Red Davis

Driller

B. W. Garrett

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

Monument, New Mexico

October 8, 1937

day of , 19

Name

Position

Sup't.

Notary Public.

Representing Amerada Petroleum Corporation

Company or Operator

My Commission expires

Address Monument, New Mexico

FORMATION RECORD

01-1-1951

FROM	TO	THICKNESS IN FEET	FORMATION
0	18	18	Cellar and substructure.
18	50	32	Hard sand rock.
50	68	18	Sand rock.
68	130	62	Sand.
130	480	350	Red bed. Set 12 1/2" csg. At 199' 6" w/ 200 sacks.
480	876	396	Red bed and shells.
876	963	87	Red bed, shale and shells.
963	1127	164	Red bed, red rock and shells.
1127	1200	73	Red bed, sand and shells.
1200	1264	64	Red bed and shells.
1264	1272	8	Red rock.
1272	1370	98	Anhydrite. Top of anhydrite 1272'.
1370	1468	98	Anhydrite and salt.
1468	1575	107	Salt, anhydrite and shells.
1575	1590	15	Anhydrite.
1590	1772	182	Salt, anhydrite and shells.
1772	1924	152	Salt, anhydrite, shells, and streaks of potash.
1924	2043	119	Salt, anhydrite and shells.
2043	2144	101	Salt and shells.
2144	2411	267	Salt, anhydrite shells and streaks of potash.
2411	2485	74	Salt.
2485	2495	10	Salt and shells.
2495	2505	10	Anhydrite. Base of salt 2495'.
2505	2535	30	Anhydrite & Streaks of gyp. Set 8-5/8" casing at 2573' w/ 600 sacks of cement.
2535	2657	72	Anhydrite and sand.
2657	2722	65	Anhydrite.
2722	2764	42	Gyp and anhydrite.
2764	2843	79	Anhydrite w/ streaks of sand and gyp. Top of Monument line 2810'.
2843	2903	60	Anhydrite w/ streaks of brown lime.
2903	2990	87	Anhydrite and gyp.
2990	3041	51	Anhydrite, lime and streaks of gyp.
3041	3086	45	Anhydrite.
3086	3208	122	Anhydrite and lime.
3208	3254	46	Anhydrite.
3254	3364	110	Anhydrite and lime.
3364	3400	36	Anhydrite and brown lime.
3400	3927	527	Lime. Gas shows at 3587'-93', 3674'-76', 3721'-24', 3824'-26'.
3927	3943	16	Sandy lime.
3943	3953	10	Lime. Set 6-5/8" csg. At 3946' w/ 100 sacks.
3953	4045	92	Lime. Total depth.

Top of pay 4013'.

4045' Total depth. Lime. Set 2 1/2" upset tubing at 4044'-6". Swabbed an estimated 5 barrels fluid per hour for approximately 1 1/2 hours. Lost swab in tubing. Pumped oil through casing and recovered swab. Acidized w/ 2000 gallons of Dowell XX Acid. Acid started in under 400# on casing and 200# on tubing. Finished under 800# on casing and 500# on tubing. Flushed w/ 25 barrels oil. Flush finished under 150# on casing and 0# on tubing. Acid set 1 hour. Swabbed 6 times and well started flowing. Made 54 barrels oil per hour average on 3 hour test. Flowing through 2 1/2" open tubing. Gas volume of 709,000' per day. Gas oil ratio 547.

Flowed 205 barrels oil on 5 hour test, Hourly average of 41 barrels pipe line oil per hour. Flowing through 1" open choke on 2 1/2" upset tubing. Daily gas volume of 709,000'. Gas oil ratio 603.

Flowed 20 hours on 16/64" Choke on 2 1/2" tubing and made 120 barrels pipe line oil. Hourly average of 6 barrels. Daily gas rate of 78,000'. Gas oil ratio 542. Tubing pressure 150#. Casing pressure 400#.

RECORD OF DRILLING AND SPECIAL TESTS

RECORD OF DRILLING AND SPECIAL TESTS

RECORD OF DRILLING AND SPECIAL TESTS

TOOLS USED

REMARKS

REMARKS

REMARKS

REMARKS

REMARKS