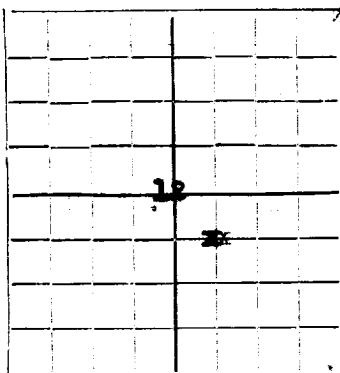


FORMATION RECORD
NEW MEXICO OIL CONSERVATION COMMISSION

N.

Santa Fe, New Mexico

AREA 640 ACRES
LOCATE WELL CORRECTLY

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.

Amerada Petroleum Corporation

Monument, New Mexico

W.P. Byrd

Company or Operator

Address

Well No. 5

to 18 1/2 Sec 12

of Sec 12

T. 20

Lease

R. 36

N. M. P. M.

Monument

Field

Lea

County

Well is 1980'

From South line

1980'

feet south of the North line and 1980' west of the East line of 12 - 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

February 23, 1937

Drilling was completed

March 15, 1937

Name of drilling contractor

Noble Drilling Co.

Address

Tulsa, Oklahoma

Elevation above sea level at top of casing

3260'

feet

The information given is to be kept confidential until

19

OIL SANDS OR ZONES

No. 1, from

3784'

to

3875'

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.W.	172' 5"	Texas Pattern			
8-5/8"	32#	8-Thd.	Smls.	2400' 10"	Texas Pattern			
6-5/8"	20#	10-Thd.	Smls.	3281' 11"	Texas Pattern			

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	MATERIAL USED	MUD GRAVITY	AMOUNT OF MUD USED
12 1/2"	12 1/2"	1280'	200	Halliburton		
11" 5/8"	8-5/8"	2400'	800	Halliburton		
7-7/8"	6-5/8"	3784'	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

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 3875'

feet, and from

feet to

feet

Cable tools were used from

0

feet to

feet, and from

feet to

feet

PRODUCTION

Put to producing

March 16, 1937

19

The production of the first 24 hours was

315

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

M.J. Winters

Driller

T.L. Kinney

Driller

E.A. McKillip

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

22

Monument, New Mexico

March 23, 1937

day of

March

1937

Name

J. H. Starkey

Position

Farm Boss

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	Cellar and substructure.
18	35	17	Caliche.
35	138	103	Sand and gravel.
138	192	54	Red rock and shale. Set 138' of 12 1/2" csg. w/ 200 sacks
192	196	4	Red rock and ared bed.
196	205	9	Red rock.
205	540	335	Red bed and red rock.
540	666	126	Red bed shells and red rock.
666	765	99	Red rock and streaks of shale.
765	805	40	Red rock and streaks of shale.
805	817	12	Red rock and sand rock.
817	918	101	Red rock and streaks of shale.
918	920	2	Red rock.
920	1020	100	Anhydrite. Top of anhydrite 920'.
1020	1038	18	Anhydrite and streaks of salt.
1038	1050	12	Anhydrite.
1050	1070	20	Salt.
1070	1085	15	Anhydrite.
1085	1325	240	Anhydrite and salt.
1325	1330	5	Salt.
1330	1352	22	Anhydrite.
1352	1521	169	Salt and anhydrite.
1521	1626	105	Salt. Air pockets at 1409'-10' and 1521'-30'.
1626	1686	60	Salt and anhydrite.
1686	1839	153	Salt.
1839	2103	264	Salt and anhydrite shells.
2103	2120	17	Salt and anhydrite.
2120	2291	171	Salt and anhydrite shells. Base of salt 2291'.
2291	2487	196	Anhydrite. Set 2400' of 8-5/8" csg. w/ 800 sacks.
2487	2547	60	Anhydrite and gray lime.
2547	2554	7	Anhydrite and brown sand.
2554	2586	32	Anhydrite and streaks of lime.
2586	2656	70	Anhydrite and gray sand. Top of monument lime 2800'.
2656	2660	104	Anhydrite and brown lime.
2660	2668	8	Anhydrite and gray sand.
2668	2672	4	Brown sand. Slight show of gas.
2672	2698	26	Anhydrite and broken brown and gray lime.
2698	2700	2	Asphalt.
2700	2738	38	Anhydrite and lime.
2738	2739	1	Anhydrite.
2739	2888	149	Anhydrite and lime.
2888	2897	9	Brown lime. Show of gas and oil.
2897	2900	3	Anhydrite.
2900	2941	41	Anhydrite and lime.
2941	2975	34	Lime.
2975	3128	153	Lime and anhydrite.
3128	3145	17	Brown lime. Show of gas.
3145	3157	12	Lime.
3157	3280	123	Lime and anhydrite.
3280	3294	14	Brown lime. Gas show.
3294	3305	11	Lime.
3305	3343	38	Lime shells and sand.
3343	3367	24	Broken brown and gray lime.
3367	3766	399	Gray lime.
3766	3800	34	Lime. Set 3784' of 6-5/8" csg. w/ 120 sacks.
3800	3875	75	Gray and brown lime.

Top of pay 3784'.

3/15/37

3875' Total depth. Broken lime. Set 3 1/2" upset tubing at 3869'. Swabbed in and flowed 315 barrels oil on 18 hour test. Through 1" choke on 2 1/2" upset tubing. Hourly average of 16.4 barrels. Last hour made 5/10 of 1% Water and no B.S. Gas volume at last of test 223,000. Gas oil ratio 483.

PLUGS AND ADAPTERS

RECORD OF SHOOTING OR CHEMICAL TREATMENT

RECORD OF DRILLSTEM AND SPECIAL TESTS

TOOLS USED

PRODUCTION

EMPLOYEES

FORMATION RECORD OF THE WELL