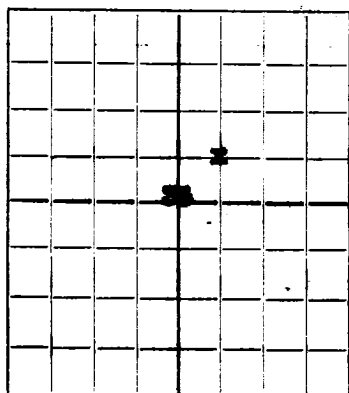
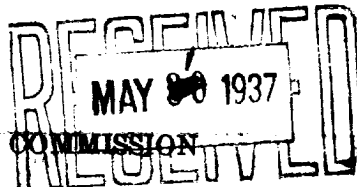


NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

AREA 640 ACRES
LOCATE WELL CORRECTLY

WELL RECORD

DUPLICATE

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.

Amarada Petroleum Corporation

State "N"

Company or Operator

Well No. 4 in SW 1/4 NE 1/4 of Sec. 36, T. 19

R. 36, N. M. P. M., Monument Field, Lea County.

Well is 1980' feet south of the North line and 1980' feet west of the East line of 36-19-36

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 Amarada Petroleum Corporation Address Tulsa, Oklahoma

Drilling commenced April 4, 1937 19 Drilling was completed April 27, 1937 19

Name of drilling contractor Rowan Drilling Co. Address Ft. Worth, Texas

Elevation above sea level at top of casing 3591' feet.

The information given is to be kept confidential until 19

OIL SANDS OR ZONES

No. 1, from 3801' to 3908' 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.H.	191'8"	Texas Pattern				
8-5/8"	32#	8-Thd.	Sals.	2389'7"	Baker Bakblu				
6-5/8"	20#	10-Thd.	Sals.	3818'3"	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 1/8"	12 1/2"	198'	200	Halliburton		
11"	8-5/8"	2384'	600	Halliburton		
7-7/8"	6-5/8"	3801'	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 3908' feet, and from feet to feet

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

PRODUCTION

Put to producing April 27, 1937 19

The production of the first 24 hours was 466. Pipe line oil % 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

G.H. Cranfill, Driller Ed. Wilcox, Driller

L.D. Hardeman, 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 29

Monument, New Mexico

April 29, 1937

day of April, 1937

Name J. A. Stanley

Position Supt.

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	18	18	Cellar and substructure.
18	117	99	Sand, shells and caliche.
117	850	733	Red beds. Set 12 1/8" casing. At 188' w/ 200 sacks.
850	1035	185	Red bed and red rock.
1035	1140	105	Anhydrite. Top of anhydrite 1035'.
1140	2290	1150	Salt and anhydrite.
2290	2643	353	Anhydrite. Base of salt 2290. Set 8-5/8" casing at 2394' w/ 600 sacks.
2643	2740	97	Anhydrite and lime shells. Top of Monument Line 2610
2740	2950	210	Anhydrite and lime.
2950	3040	90	Brown lime and anhydrite shells.
3040	3210	170	Lime.
3210	3519	309	Gray lime. Gas showing 3332'-45' & 3423'-50'.
3519	3908	389	Lime. Set 8-5/8" casing at 3901' w/ 100 sacks.

Top of Pay 3901'.

3908' Total depth. Broken lime. Set 3901' of 2 1/2" upset tubing. Scrapped in and flowed 465.8 barrels pipe line oil on 5 hour test. Hourly average of 93.1 barrels per hour. Through 1" open choke on 2 1/2" upset tubing. Daily gas volume the last hour 3,640,000. Gas oil ratio 1628. Tubing pressure 400#. Casing pressure 1250#.