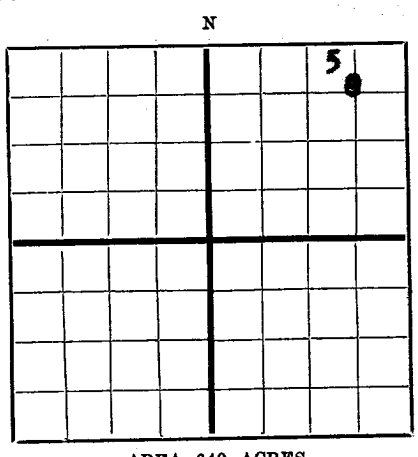
DUPLICATE

FORM C-105




AREA 640 ACRES
LOCATE WELL CORRECTLY

RECEIVED
APR 29 1949
HOBBS OFFICE

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

Amerada Petroleum Corporation (Company or Operator) Drawer D, Monument, New Mexico (Address)

State LMT (Lease) Well No. 5 in NE¼ NE¼ of Sec. 36, T. 23S

R. 36E, N. M. P. M., Langlie-Mattix Field, Lea County.

Well is 660' feet south of the North line and 660' feet ~~west~~ of the East line of

If State land the oil and gas lease is No. B-1431 Assignment No.

If patented land the owner is, Address

If Government land the permittee is, Address

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

Drilling commenced March 30, 19 49 Drilling was completed April 21, 19 49

Name of drilling contractor Mc Vay & Stafford, Address Tulsa, Oklahoma

Elevation above sea level at top of casing 3317 feet.

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

## OIL SANDS OR ZONES

No. 1, from 3485' to 3600' 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 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 | PERFORATED TO | PURPOSE |
|---|---|---|---|---|---|---|---|---|---|
| 8-5/8" | 32# | 8R | Smls. | 307' | Guide | | | | |
| 5-1/2" | 15.5# | 8 | Smls. | 3485' | Guide | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |

## MUDDING AND CEMENTING RECORD

| SIZE OF HOLE | SIZE OF CASING | WHERE SET | NO. SACKS OF CEMENT | METHODS USED | MUD GRAVITY | AMOUNT OF MUD USED |
|---|---|---|---|---|---|---|
| 11" | 8-5/8 | 307' | 175 | Halliburton | | |
| 7-3/8 | 5-1/2" | 3485' | 500 | 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

See Attached List

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 3600' feet, and from feet to feet

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

## PRODUCTION

Put to producing April 21, 19 49

The production of the first 24 hours was 322.92 barrels of fluid of which 100 % was oil; % emulsion; % water; and 6/10 % sediment. Gravity, Be 39.2

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

Rock pressure, lbs. per sq. in.

## EMPLOYEES

Floyd Barnes, Driller N.W. Huddleston, Driller

L.L. Livecy, 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 26th day of April, 19 49

Will Hale Taylor
Notary Public

MY COMMISSION EXPIRES MARCH 20, 1951

My Commission expires

Monument, New Mexico April 26, 1949
Date

Name

Position Asst. Dist. Supt.,

Representing Amerada Petroleum Corporation
Company or Operator

Address

# FORMATION RECORD

| FROM | TO | THICKNESS IN FEET | FORMATION |
|---|---|---|---|
| 0' | 100' | 100' | Caliche, Rocks & Sand |
| 100' | 270' | 170' | Clay & Sand |
| 270' | 340' | 70' | Red Rock |
| 340' | 390' | 50' | Sand & Shale |
| 390' | 725' | 335' | Red Bed & Shells |
| 725' | 1020' | 295' | Red Bed & Clay |
| 1020' | 1195' | 175' | Red Bed & Shells |
| 1195' | 1275' | 80' | Anhydrite |
| 1275' | 1345' | 70' | Anhydrite & Salt |
| 1345' | 1650' | 305' | Salt & Anhydrite |
| 1650' | 2560' | 910' | Anhydrite & Salt |
| 2560' | 2570' | 10' | Salt |
| 2570' | 2595' | 25' | Anhydrite |
| 2595' | 2765' | 170' | Anhydrite & Salt |
| 2765' | 2837' | 72' | Anhydrite |
| 2837' | 2863' | 26' | Lime & Gyp |
| 2863' | 2893' | 30' | Lime |
| 2893' | 2936' | 43' | Lime & Gyp |
| 2936' | 2961' | 25' | Lime |
| 2961' | 2992' | 31' | Lime & Gyp |
| 2992' | 3026' | 34' | Lime |
| 3026' | 3068' | 42' | Lime & Sand |
| 3068' | 3146' | 78' | Lime |
| 3146' | 3177' | 31' | Lime & Sand |
| 3177' | 3195' | 18' | Lime |
| 3195' | 3230' | 35' | Lime |
| 3230' | 3270' | 40' | Lime & Sand |
| 3270' | 3485' | 215' | Lime |
| 3485' | 3527' | 42' | Lime |
| 3527' | 3535' | 8' | Lime & Sand |
| 3535' | 3568' | 33' | Lime |
| 3568' | 3572' | 4' | Lime & Sand |
| 3572' | 3578' | 5' | Lime |
| 3578' | 3600' | 22' | Sand & Lime |
| 3600' | | | Total Depth |

SLOPE TESTS

200' 3/4 Deg.
400' 1/4 Deg.
622' 0
890' 1/4 Deg.
1080' 0
1350' 0
1500' 1/2 Deg.
1680' 1/2 Deg.
1860' 1/4 Deg.
2072' 1/4 Deg.
2220' 1 3/4 Deg.
2320' 2¼ Deg.
2403' 2¼ Deg.
2493' 2 Deg.
2554' 2¼ Deg.
2705' 2 Deg.
2815' 2¼ Deg.
2863' 2¼ Deg.
2918' 2¼ Deg.
3073' 1½ Deg.
3260' 1 Deg.
3427' 1 Deg.

GEOLOGICAL TOPS

Elevation 3327'

| | |
|---|---|
| Top Anhydrite | 1170' |
| Top Salt | 1280' |
| A-1 | 2570' |
| Base Salt | 2782' |
| Top Brown Lime | 2830' |
| Top Yates | 2970' |
| Zone 1 | 2990' |
| Top Stuart | 3584' |
| Total Depth | 3600' |