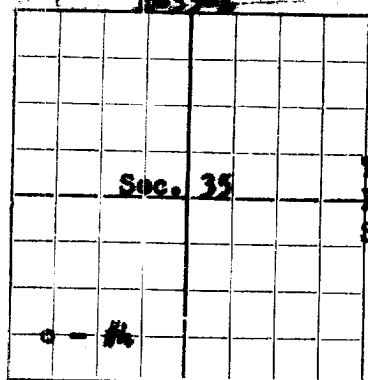


NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

OIL CONSERVATION COMMISSION
HOBBBS OFFICEAREA 640 ACRES
LOCATE WELL CORRECTLY

WELL RECORD

Mail to Oil Conservation Commission, Santa Fe, New Mexico, or 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

State BT#C#

Well No. 4 in C/34/4 SW/4 of Sec. 35, T. 11-S

R. 33-E, N. M. P. M., Bagley-Pennsylvanian Field, Lea County.

Well is 4620 feet south of the North line and 4620 feet west of the East line of Section 35

If State land the oil and gas lease is No. E-1347 Assignment No.

If patented land the owner is, Address

If Government land the permittee is, Address

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

Drilling commenced 12/1/51 19 Drilling was completed 2/9/52 19

Name of drilling contractor Noble Drilling Corporation, Address Stanolind Building, Tulsa, Okla.

Elevation above sea level at top of casing 4241 feet.

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

OIL SANDS OR ZONES

No. 1, from 8980 to 9090 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 | TO | PURPOSE |
|--------|-----------------|------------------|------|--------|--------------|-------------------|-----------------|------|---------|
| 13-3/8 | 36# | 8-J. | Weld | 280 | Guide | | | | |
| 8-5/8 | 24#-32# | 8-RT | Sals | 3768 | Float | | | | |
| 5-1/2 | 15.5#-17# | 8-RT | Sals | 9390 | Float | | 9034 | 9060 | |
| | | | | | | | 9005 | 9025 | |
| | | | | | | | 9025 | 9034 | |
| | | | | | | | 9060 | 9070 | |
| | | | | | | | 9085 | 9090 | |
| | | | | | | | 8940 | 8960 | |
| | | | | | | | 8914 | 8926 | |

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 | 13-3/8 | 297 | 225 | Halliburton | | |
| 11 | 8-5/8 | 3780 | 1500 | Halliburton | | |
| 7-7/8 | 5-1/2 | 9400 | 600 | 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 15% LST | 15,500 Gal | 2/15/52 | Through | |
| | | Dowell Channel | 1,500 " | to 2/28/52 | Perforations | |
| | | | | | as Above - | |

Results of shooting or chemical treatment: Flooded 224.32 bbl oil, 10.7 bbl gas, 2.3 bbl water in 13 hours on 3/4" choke. TP 100%. CP 7500' with input 1000. Net Gas Vol. 636,297. GOR 1420 GTY. 46.6 corrected.

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 9400' T.D. feet, and from feet to feet.

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

PRODUCTION

Put to producing March 1, 1952, 19

The production of the first 24 hours was 909.52 barrels of fluid of which 85.21 % was oil; - %

emulsion; 8.15 % water; and 6.64 % sediment. Gravity, Be 46.6

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. E. Berry, Driller J. C. Baker, Driller

L. G. Bonnet, 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 10th

day of March 19 52

Notary Public

My Commission expires 8/23/55

Monument, New Mexico March 10, 1952

Place

Date

Name Dr. Tapp

Position Assistant District Superintendent

Representing Amerada Petroleum Corporation

Company or Operator.

Address Drawer D, Monument, New Mexico

FORMATION RECORD

| FROM | TO | THICKNESS IN FEET | FORMATION |
|------|------|----------------------|---------------------------------------|
| 0 | 6 | 6 | Cellar |
| 6 | 67 | 61 | Sand |
| 67 | 215 | 148 | Sand & Red Bed |
| 215 | 325 | 110 | Red Bed |
| 325 | 1314 | 989 | Red Bed & Shale |
| 1314 | 1497 | 183 | Red Bed and Slate |
| 1497 | 1530 | 33 | Red Bed |
| 1530 | 1733 | 203 | Red Bed and Shale |
| 1733 | 1801 | 68 | Anhydrite and Red Bed |
| 1801 | 1965 | 164 | Anhydrite and Salt |
| 1965 | 2194 | 229 | Salt and Anhydrite |
| 2194 | 2605 | 411 | Anhydrite and Salt |
| 2605 | 2665 | 60 | Anhydrite, Red Shale and Salt Streaks |
| 2665 | 2752 | 87 | Anhydrite & Shale |
| 2752 | 2783 | 31 | Anhydrite, Shale and Salt Streaks |
| 2783 | 3245 | 462 | Anhydrite and Shale |
| 3245 | 3284 | 39 | Anhydrite, Shale and Sand |
| 3284 | 3434 | 150 | Anhydrite and Shale |
| 3434 | 3477 | 105 | Anhydrite, Shale and Gyp |
| 3477 | 3582 | 105 | Anhydrite and Shale |
| 3582 | 3621 | 39 | Anhydrite, Shale & Lime Shells |
| 3621 | 3663 | 42 | Anhydrite & Shale |
| 3663 | 3749 | 85 | Anhydrite, Shale & Salt Streaks |
| 3749 | 3767 | 20 | Anhydrite |
| 3767 | 3792 | 25 | Anhydrite and Shale |
| 3792 | 3850 | 58 | Dolomite |
| 3850 | 3885 | 35 | Dolomite and Lime |
| 3885 | 3922 | 37 | Lime |
| 3922 | 4005 | 83 | Lime & Shale |
| 4005 | 5314 | 1309 | Lime |
| 5314 | 5398 | 84 | Lime and Salt Streaks |
| 5398 | 7075 | 1677 | Lime |
| 7075 | 7096 | 21 | Lime & Shale |
| 7096 | 7265 | 169 | Lime |
| 7265 | 8300 | 35 | Shale, Dolomite and Anhydrite |
| 8300 | 8345 | 45 | Dolomite and Anhydrite |
| 8345 | 8480 | 135 | Chert, Dolomite and Anhydrite |
| 8480 | 9400 | 920 | Limestone, Trace Shale & Trace Chert. |
| | 9400 | | Total Depth |
| | 9385 | | Drilled out Depth - |

SLOPE TESTS

| | |
|------|--------|
| 300' | 1- Deg |
| 990 | 1- |
| 1575 | -1/4 |
| 2050 | -3/4 |
| 2655 | -3/4 |
| 3270 | -3/4 |
| 3907 | 1- |
| 4790 | -3/4 |
| 5935 | -1/2 |
| 6387 | -1/2 |
| 6800 | -1/2 |
| 7433 | 1- |
| 7827 | -3/4 |
| 8095 | -3/4 |
| 7525 | 1- |
| 8830 | 1- |
| 9005 | 1- |

GEOLOGICAL DATA

| | |
|----------------------|-----------|
| Top Anhydrite | 1681 |
| Top Salt | 1769 |
| Base Salt | 2402 |
| Top Yates | 2471 |
| Base Yates | 2568 |
| Top Artesia Red Sand | 3182 |
| Top San Andres | 3743 |
| Base San Andres | 5117 |
| Top Padlock | 5417 |
| Top Clearfork | 5886 |
| Top Abe | 7252 |
| Top Wolfcamp | 8353 |
| Top Pennsylvanian | 8586 |
| Elevation | 4254 D.F. |

DRILL STEM TESTS

D.S.T. #1 - From 9300' to 9400' - 4 hour Test - Opened tool with gas up in 55 minutes.
No fluid to surface. Gas Vol. 4,660 cu ft p/d. Recovered 150' gas cut
Mud. No oil or water.