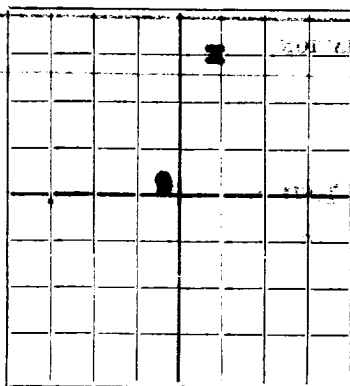


N.

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

AREA 640 ACRES
LOCATE WELL CORRECTLY

WELL RECORD

JUN 24

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.

DUPLICATE

Amarada Petroleum Corporation

Laughlin

Company or Operator

Lease

Well No. 3

in NW 1/4 NE 1/4

of Sec. 9

T. 20

R. 57

Monument

Field,

Lea

County.

Well is 660 feet south of the North line and 1980 feet west of the East line of 9 - 20 - 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 Amarada Petroleum Corporation Address Tulsa, Oklahoma

Drilling commenced May 9, 1937 19 Drilling was completed June 18, 1937 19

Name of drilling contractor Carl Short Drilling Co. Address Dallas, Texas

Elevation above sea level at top of casing 3545 feet.

The information given is to be kept confidential until 19

OIL SANDS OR ZONES

No. 1, from 3786 feet to 3886 feet 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. 2, 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. 1 1/8" | 181' 3" | Texas Pattern | | | | |
| 8-5/8" | 34 | 8-Thd. Sals. | 2487' 6" | Baker Baklin | | | | |
| 6-5/8" | 20 | 10-Thd. Sals. | 3781' 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 1/2" | 12 1/2" | 197' | 200 | Halliburton | | |
| 11" | 8-5/8" | 2481' | 600 | Halliburton | | |
| 7-7/8" | 6-5/8" | 3785' | 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 3886 feet, and from feet to feet

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

PRODUCTION

Put to producing June 19, 1937 19

The production of the first 24 hours was 285 barrels of oil. % was oil; % emulsion; % water; and % sediment. Gravity, Be 52

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

Rock pressure, lbs. per sq. in.

EMPLOYEES

Rena Baker Driller Jack Guidry Driller
Carl Gray 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 23

Monument, New Mexico June 23, 1937

day of June 1937

Name J. C. Lewis

Lewis A. Moore

Position Farm Boss

FORMATION RECORD

| FROM | TO | THICKNESS IN FEET | FORMATION |
|------|------|----------------------|---|
| 0 | 18 | 18 | Cellar and substructure. |
| 18 | 145 | 127 | Sand and gravel. |
| 145 | 205 | 60 | Red bed. Set 12 1/2" csg. At 197' w/ 200 sacks. |
| 205 | 400 | 195 | Red bed and shells. |
| 400 | 406 | 6 | Hard sand. |
| 406 | 498 | 92 | Red bed and shells. |
| 498 | 573 | 75 | Red bed. |
| 573 | 909 | 336 | Red bed and shells. |
| 909 | 949 | 40 | Red rock. |
| 949 | 980 | 31 | Lime and shells. |
| 970 | 1070 | 100 | Red rock. |
| 1070 | 1160 | 90 | Red bed and lime shells. |
| 1160 | 1205 | 45 | Red rock and shells. |
| 1205 | 1334 | 129 | Anhydrite. Top of Anhydrite 1210'. |
| 1334 | 1553 | 219 | Salt. |
| 1553 | 1568 | 15 | Red rock and lime. |
| 1568 | 1580 | 12 | Salt. |
| 1580 | 1590 | 10 | Salt and anhydrite. |
| 1590 | 1600 | 10 | Salt. |
| 1600 | 1617 | 17 | Anhydrite. |
| 1617 | 1793 | 176 | Anhydrite, potash, salt and red rock. |
| 1793 | 1800 | 7 | Salt. |
| 1800 | 1844 | 44 | Anhydrite. |
| 1844 | 1896 | 52 | Anhydrite. |
| 1896 | 1903 | 7 | Anhydrite. |
| 1903 | 1995 | 92 | Salt and potash. |
| 1995 | 2109 | 114 | Salt. |
| 2109 | 2119 | 10 | Anhydrite. |
| 2119 | 2150 | 31 | Anhydrite, salt, and potash. |
| 2150 | 2170 | 20 | Anhydrite. |
| 2170 | 2210 | 40 | Salt. |
| 2210 | 2313 | 103 | Salt and anhydrite. |
| 2313 | 2373 | 60 | Broken salt. |
| 2373 | 2387 | 14 | Anhydrite. |
| 2387 | 2410 | 23 | Anhydrite and salt. Base of salt 2410'. |
| 2410 | 2561 | 151 | Anhydrite. Set 8-5/8" csg. At 2481' w/ 600 sacks. |
| 2561 | 2612 | 51 | Anhydrite and lime. |
| 2612 | 2624 | 12 | Anhydrite and shale. Top of Monument Lime 27208 |
| 2624 | 2645 | 21 | Anhydrite. |
| 2645 | 2655 | 10 | Lime. |
| 2655 | 2663 | 8 | Broken lime and anhydrite. |
| 2663 | 3377 | 494 | Anhydrite and lime. |
| 3377 | 3380 | 3 | Lime. |
| 3380 | 3387 | 7 | Sand. G's odor. |
| 3387 | 3442 | 55 | Sandy lime and sand. |
| 3442 | 3450 | 8 | Sand. |
| 3450 | 3458 | 8 | Lime and sand. |
| 3458 | 3483 | 25 | Lime. |
| 3483 | 3529 | 46 | Sandy lime and sandy. |
| 3529 | 3578 | 49 | Lime and broken sandy. |
| 3578 | 3780 | 202 | Lime. Set 8-5/8" Csg. At 3755' w/ 100 sacks. |
| 3780 | 3792 | 12 | Lime and sand. |
| 3792 | 3800 | 8 | Lime. |
| 3800 | 3803 | 3 | Sand. |
| 3803 | 3809 | 6 | Lime. |
| 3809 | 3811 | 2 | Sand and lime (broken) |
| 3811 | 3815 | 4 | Lime. |
| 3815 | 3821 | 6 | Sand and lime (broken) |
| 3821 | 3828 | 7 | Lime. |
| 3828 | 3834 | 6 | Lime and sand. |
| 3834 | 3836 | 2 | Lime. |

Top of Pay 3755'.

3836' Total depth. Gray lime. Set 2 1/2" upset tubing at 3830'. Scrubbed in and flowed 285 barrels pipe line oil on 12 hour test. Flowing through 40/64" Choke on 2 1/2" tubing. Hourly average of 84 barrels. Daily gas rate of 249,000'. Gas oil ratio 438. Tubing pressure 180#. Casing pressure 750#.