

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

WELL RECORD

DUPLICATE

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AREA 640 ACRES
LOCATE WELL CORRECTLY

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.

Mid-Continent Pet. Corp. Tulsa, Oklahoma.
Company or Operator Address

D.B. Boren Well No. 2 in NE 1/4 of Sec. 20, T. 22S
Lease

R. 36E, N. M. P. M. South Annice Field, Lea County.

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

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

If patented land the owner is Della B. Boren, Address Post, Texas.

If Government land the permittee is, Address

The Lessee is Della B. Boren, Address Post, Texas.

Drilling commenced 10/4/37 19. Drilling was completed 10/28/37 19.

Name of drilling contractor Loffland Brothers, Address Tulsa, Oklahoma.

Elevation above sea level at top of casing 3559 feet.

The information given is to be kept confidential until None 19

OIL SANDS OR ZONES

No. 1, from 3720 to 3730 No. 4, from to
 No. 2, from 3770 to 3780 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 Rotary Hole - impossible to get water elevations
 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" | 40 | 8 | LW | 200' | 0 | 0 | 0 | | |
| 9 5/8" | 36 | 8 | SS | 1496 | Guide | 0 | 0 | 0 | |
| 7" OD | 24 | 10 | SS | 3690 | Float & Guide | 0 | 0 | 0 | |

MUDDING AND CEMENTING RECORD

| SIZE OF HOLE | SIZE OF CASING | WHERE SET | NO. SACKS OF CEMENT | METHOD USED | MUD GRAVITY | AMOUNT OF MUD USED |
|--------------|----------------|-----------|---------------------|-------------|-------------|--------------------|
| 15 | 13 | 200' | 250 | Halliburton | 49 | 25 tons |
| 12 1/2" | 9 5/8" | 1496 | 450 | " | | |
| 8 5/8" | 7" OD | 3690 | 300 | " | | |

PLUGS AND ADAPTERS

Heaving plug—Material 0 Length Depth Set
 Adapters—Material 0 Size

RECORD OF SHOOTING OR CHEMICAL TREATMENT

| SIZE | SHELL USED | EXPLOSIVE OR CHEMICAL USED | QUANTITY | DATE | DEPTH SHOT OR TREATED | DEPTH CLEANED OUT |
|------|------------|----------------------------|----------|---------|-----------------------|-------------------|
| | | Dowell 217 | 2000 | 11/3/37 | 3690-3840 | 3840 |
| | | " | 4000 | 11/6/37 | 3690-3840 | 3840 |

Results of shooting or chemical treatment 1st acid increase oil from 5 BPD to 10 BPD gas increased from 500,000 cu. ft. to 1,500,000 cu. ft.--2nd acid increased oil from 10 BPD to 40 BPD Gas from 1,500,000 cu. ft. to 2,000,000

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 3852 feet, and from feet to feet
 Cable tools were used from feet to feet, and from feet to feet

PRODUCTION

Put to producing 12/1/37 19
 The production of the first 24 hours was 40 barrels of fluid of which 74 4/10% was oil; % emulsion; 25% water; and 6/10% sediment. Gravity, Be
 If gas well, cu. ft. per 24 hours Gallons gasoline per 1,000 cu. ft. of gas
 Rock pressure, lbs. per sq. in. 1160 1/2

EMPLOYEES

Vandervert, Driller
 Miller, 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 27 day of November, 1937
 Notary Public
 My Commission expires June 1, 1939
 Permit Place 11/23/37
 Name Harold Smith
 Position District Foreman
 Representing Mid-Continent Pet. Corp.
 Address Permit, P.O. Box 50

FORMATION RECORD

| FROM | TO | THICKNESS IN FEET | FORMATION |
|------|------|----------------------|------------------------------------|
| 0 | 57 | 57 | Caliche & Sand |
| 57 | 230 | 173 | Red bed |
| 230 | 482 | 252 | Red bed & Shells |
| 482 | 815 | 333 | Red rock & Shells |
| 815 | 968 | 153 | Red bed & Shells |
| 968 | 1308 | 340 | Red rock & Shells |
| 1308 | 1369 | 61 | Shale & Lime Shells |
| 1369 | 1452 | 83 | Lime & Anhydrite |
| 1452 | 1470 | 18 | Anhydrite |
| 1470 | 1548 | 78 | Red Bed-Salt & Shells |
| 1548 | 1803 | 255- | Salt & Shells Anhydrite |
| 1803 | 2467 | 667 | Salt & Shells |
| 2467 | 2584 | 117 | Salt & Anhydrite |
| 2583 | 2597 | 14 | Anhydrite |
| 2597 | 2675 | 78 | Salt-Anhydrite shells |
| 2675 | 2745 | 70 | Salt & Shells |
| 2745 | 2875 | 130 | Salt |
| 2875 | 2955 | 80 | Salt & Shells |
| 2955 | 2979 | 24 | Anhydrite |
| 2979 | 3109 | 130 | Anhydrite & Lime |
| 3109 | 3210 | 101 | Lime |
| 3210 | 3550 | 340 | Lime |
| 3550 | 3840 | 290 | Lime |
| 3840 | 3852 | 12 | Lime |