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NEW MEXICO OIL CONSERVATION COMMISSION

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AREA 640 ACRES
LOCATE WELL CORRECTLY

Santa Fe, New Mexico

WELL RECORD

HOBBS OFFICE

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.

Magnolia Petroleum Company

Box 900, Dallas, Texas

Company or Operator

Address

STATE "NM"

Well No. 4

in SE 1/4 NW 1/4 of Sec. 34

T. 17E

Lease

R. 35E N. M. P. M., Vacuum Field, Lea County.

Well is 660 feet south of the North line and 660 feet west of the East line of SE 1/4 NW 1/4

If State land the oil and gas lease is No. B-2273 Assignment No.

If patented land the owner is Address

If Government land the permittee is Address

The Lessee is Magnolia Petroleum Company Address Box 900, Dallas, Texas

Drilling commenced Jan. 8, 1939 Drilling was completed Feb. 5, 1939

Name of drilling contractor Magnolia Petroleum Company Address Box 900, Dallas, Texas

Elevation above sea level at top of casing 3938' feet.

The information given is to be kept confidential until 19

OIL SANDS OR ZONES

No. 1, from 4475 to 4535 No. 4, from to
 No. 2, from 3570 to 4610 No. 5, from to
 No. 3, from 4635 to 4640 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 | | PURPOSE |
|-------|-----------------|------------------|------|--------|--------------|-------------------|------------|----|---------|
| | | | | | | | FROM | TO | |
| 9-5/8 | | | | 1616' | | | | | |
| 7 | | | | 4274' | | | | | |
| 2 1/2 | | | | 4646' | | | | | |
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MUDDING AND CEMENTING RECORD

| SIZE OF HOLE | SIZE OF CASING | WHERE SET | NO. SACKS OF CEMENT | METHOD USED | MUD GRAVITY | AMOUNT OF MUD USED |
|--------------|----------------|-----------|---------------------|-------------|-------------|--------------------|
| | | | | | | |
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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 |
|---------|------------|----------------------------|----------|------|-----------------------|-------------------|
| No shot | | | | | | |
| | | | | | | |
| | | | | | | |

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

PRODUCTION

Put to producing 19
 The production of the first 24 hours was 387 barrels of fluid of which % was oil; % emulsion; % water; and % 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.

EMPLOYEES

Magnolia Petroleum Company Driller R. H. Alexander, Sup't.
 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 24

Dallas, Texas Feb. 20, 1939

Place Date

day of February 1939

Name L. Smith

Position Clerk

Representing Magnolia Petroleum Co.

Company or Operator

Address Box 900, Dallas

Kathleen Ballack
 Dallas County
 Texas
 Notary Public

My Commission expires 6-1-39

FORMATION RECORD

| FROM | TO | THICKNESS IN FEET | FORMATION |
|-----------------|-----------------|----------------------|--|
| 0 | 20 | | Cellar |
| 20 | 48 | | Calachie |
| 46 | 270 | | Sand & gravel |
| 270 | 1598 | | Red rock |
| 1598 | 1773 | | Anhydrite, cemented 9-5/8" csg at 1620' w/325 sx cement, |
| 1773 | 2865 | | Anhydrite & salt 7 sx aquagel |
| 2865 | 3059 | | Anhydrite |
| 3059 | 3065 | | Anhydrite & lime |
| 3065 | 3115 | | Anhydrite |
| 3115 | 3130 | | Anhydrite & lime |
| 3130 | 3130 | | |
| 3130 | 3815 | | Anhydrite |
| 3815 | 4087 | | Anhydrite & lime, cemented 7" csg 4242' w/220 sx cement, |
| 4087 | 4242 | | Lime 6 sx aquagel |
| 4242 | 4385 | | Gray lime |
| 4385 | 4400 | | Broken brown lime |
| 4400 | 4475 | | Gray lime |
| 4475 | 4475 | | 4475 |
| 4475 | 4535 | | Brown lime pay |
| 4535 | 4570 | | Gray lime |
| 4570 | 4610 | | Brown lime pay |
| 4610 | 4635 | | Gray lime |
| 4635 | 4640 | | Brown lime pay |
| 4640 | 4650 | | Gray lime |
| | 4650 | | TOTAL DEPTH |

| | | |
|-----------|-------|---------|
| DEVIATION | | |
| 870' | 4 1/2 | deg off |
| 1037' | 3 | deg off |
| 1145' | 1 | deg off |
| 1265' | 1 | deg off |
| 1565' | 1/2 | deg off |
| 2230' | 1/2 | deg off |
| 2750' | 1/2 | deg off |
| 3310' | 1/2 | deg off |
| 3800' | 1/2 | deg off |
| 4210' | 1/2 | deg off |