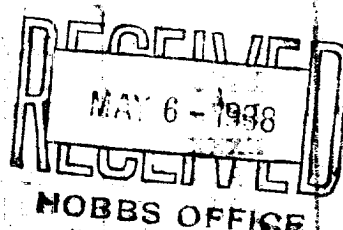


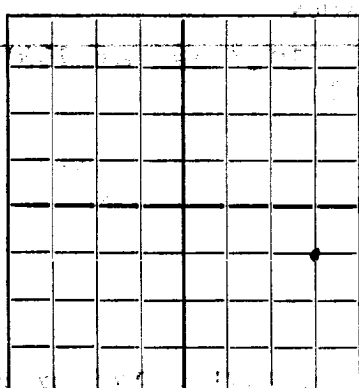
NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

WELL RECORD



DUPLICATE

AREA 640 ACRES
LOCATE WELL CORRECTLY

Magnolia Petroleum Company

STATE "N"

Company or Operator

Well No. 1

in NE SE

of Sec. 22

Lease

T. 17S

R. 34E

N. M. P. M.

Vacuum

Field,

Lea

County.

Well is 1980

feet south of the North line and

660

feet west of the East line of

SE 1/4

If State land the oil and gas lease is No. B-1519

Assignment No.

If patented land the owner is

Address

If Government land the permittee is

State of New Mexico

Address

Santa Fe, New Mexico

The Lessee is

Magnolia Petroleum Company

Address

Box 900, Dallas, Texas

Drilling commenced

February 18

1938

Drilling was completed

April 2,

1938

Name of drilling contractor

Magnolia Pet. Co.

Address

Box 900, Dallas, Texas

Elevation above sea level at top of casing

4044

feet.

The information given is to be kept confidential until

19

OIL SANDS OR ZONES

No. 1, from 4547

to

4551

No. 4, from

to

No. 2, from 4627

to

4663

No. 5, from

to

No. 3, from 4710

to

4715

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 TO | PURPOSE |
|--------|-----------------|------------------|------|--------|--------------|-------------------|---------------|---------|
| 10 3/4 | 35.75 | | | 806 | | | | |
| 7 | 24 | | | 4241 | | | | |
| 2 1/2 | 6.50 | | | 4782 | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |

MUDDING AND CEMENTING RECORD

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

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 top feet to bottom feet, and from feet to feet

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

PRODUCTION

Put to producing April 2, 1938

The production of the first 24 hours was 336 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

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 3

Dallas, Texas

April 28, 1938

day of May, 1938

Name

L. Smith

Position

Clerk

Representing

Magnolia Petroleum Company

My Commission expires

6-11-39

Address

FORMATION RECORD

| FROM | TO | FORMATION |
|------|------|--|
| 0 | 300 | Sand & shells, cemented 10 1/2" csg at 788' w/170 sx cement, 6 sx aquagel |
| 400 | 1476 | Red rock & shale |
| 1476 | 1670 | anhydrite |
| 1670 | 1800 | Anhydrite & lime |
| 2950 | 2950 | Anhydrite & salt |
| 3040 | 3040 | Red rock, anhyd & lime |
| 3600 | 3600 | anhyd & gyp |
| 4180 | 4207 | anhyd & lime |
| 4207 | 4302 | Lime, Cemented 7" csg at 4207' w/175 sx cement |
| 4302 | 4547 | Lime, red rock & anhyd. 2 1/2" csg aquagel. |
| 4547 | 4551 | Lime |
| 4551 | 4627 | Sand |
| 4627 | 4663 | Lime |
| 4663 | 4710 | Lime, showing oil |
| 4710 | 4722 | Lime |
| 4722 | 4750 | Sand, shale & lime |
| 4750 | 4750 | Lime |
| | | Total Depth |
| | | DEVIATION |
| | | 0000' straight |
| | | 1000' 1 deg off |
| | | 2100' 1 |
| | | 2500' 1 1/2 |
| | | 3100' 1 1/2 |
| | | 3650' straight |
| | | 4100' 1 1/2 |
| | | Acidized 4/4/38, 4000 gal acid pressure |
| | | 1600' to 1200' |
| | | Acidized 4/6/38, 7000 gal acid, pressure |
| | | 1600' to 1200' |
| | | Acidized through 2 1/2" tubing |