

DUPLICATE
FORM C-105

RECEIVED
FEB 27 1947
COMMISSION V L S
HOBBS OFFICE

NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

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WELL RECORD

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 TRIPPLICATE. FORM C-105 WILL NOT BE APPROVED UNTIL FORM C-105 IS PROPERLY FILLED OUT.

AREA 640 ACRES
LOCATE WELL CORRECTLY

Magnolia Petroleum Company Box 900 Dallas 1, Texas
Company or Operator Address
S. E. Long Well No. 4 unf. in SE of Sec. 11, T. 22-S
Lease
R. 37-E N. M. P. M. Paddock Field, Lea County.
Well is 660 feet North of South line and 660 feet west of the East line of SE4 SE 4
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 Magnolia Petroleum Company Address Box 900, Dallas, Texas
Drilling commenced November 15 1946 Drilling was completed December 8 1946
Name of drilling contractor Magnolia Petroleum Co. Address Box 900, Dallas 1
Elevation above sea level at top of casing 3346 feet.
The information given is to be kept confidential until 19

OIL SANDS OR ZONES

No. 1, from 3930 to 3945 No. 4, from to
No. 2, from 5050 to 5115 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 | | PURPOSE |
|--------|-----------------|------------------|---------------|-----------|--------------|-------------------|------------|----|---------|
| | | | | | | | FROM | TO | |
| 13-3/8 | 48# | 8rt API | | | | | | | |
| | | H-40 EW | | 327 | | | | | |
| 9-5/8 | 36# | 8rt API | | | | | | | |
| | | J-55 EW | | | | | | | |
| 9-5/8 | 36# | 8rt API | | | | | | | |
| | | H-40 EW | | | | | | | |
| 9-5/8 | 36# | 8rt API | | | | | | | |
| 7 | 20# | 8rt API | Grade J-55 SS | 2808 5150 | | | | | |

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 |
|------|------------|----------------------------|----------|------|-----------------------|-------------------|
| | | | | | | |
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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 5150 feet, and from feet to feet
Cable tools were used from feet to feet, and from feet to feet

PRODUCTION

Put to producing December 13 1946
The production of the first 24 hours was 55 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

Driller Magnolia Petroleum Company 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 24th day of February 1947 at Dallas, Texas Place Date
Name Clerk
Position Clerk
Representing Magnolia Petroleum Company Company of Operator
Address Box 900 Dallas 1, Texas
My Commission expires

FORMATION RECORD

| FROM | TO | THICKNESS IN FEET | FORMATION |
|------|------|----------------------|--|
| 0 | 1.7 | | Top of Rotary drive bushing to derrick floor |
| 1.7 | 12.1 | | From derrick floor to top of 13-3/8" OD casing |
| 12.1 | 43 | | Surface |
| 43 | 62 | | Sand |
| 62 | 314 | | Red bed, sand and shells |
| 314 | 500 | | Red bed |
| 500 | 1119 | | Red rock |
| 1119 | 1205 | | Anhydrite and red bed |
| 1205 | 1475 | | Anhydrite and red rock |
| 1475 | 1935 | | Red rock, anhydrite and salt |
| 1935 | 2070 | | Salt and anhydrite |
| 2070 | 2270 | | Anhydrite, salt and red rock |
| 2270 | 2330 | | Anhydrite and red rock |
| 2330 | 2464 | | Anhydrite |
| 2464 | 2525 | | Anhydrite, shale and lime shells |
| 2525 | 2585 | | Anhydrite and shale |
| 2585 | 2745 | | Anhydrite |
| 2745 | 2808 | | Anhydrite and lime |
| 2808 | 2874 | | Anhydrite and lime |
| 2874 | 2971 | | Anhydrite and sand |
| 2971 | 3650 | | Anhydrite and lime |
| 3650 | 3930 | | Lime |
| 3930 | 3945 | | Soft lime w/oil stain |
| 3945 | 5075 | | Lime |
| 5075 | 5150 | | Lime |
| | 5150 | | Total Depth |