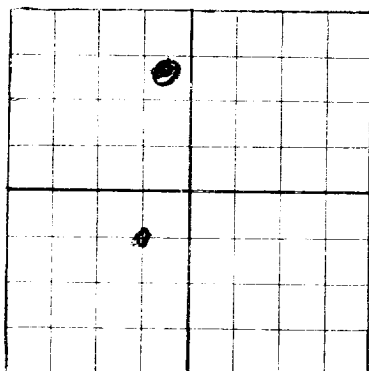


NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

WELL RECORD

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. FORM C-110 WILL NOT BE APPROVED UNTIL FORM C-105 IS PROPERLY FILLED OUT.

Malco Refineries, Inc.

P. O. Box 660, Roswell, New Mexico

Harbold

Company or Operator

Address

Well No. 11

in NENE

of Sec. 35

T. 17-S

R. 27-E

N. M. P. M. Empire

Field, Eddy

County.

Well is 990

feet south of the North line and 2970

feet west of the East line of Sec. 35

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

J. H. Harbold

Address El Paso, Texas

The Lessee is

Malco Refineries, Inc.

Address Roswell, N. M.

Drilling commenced 19 Sept.

19 47

Drilling was completed 7 Nov.

19 47

Name of drilling contractor Brewer Drilling Co.

Address Artesia, New Mexico

Elevation above sea level at top of casing 3582 feet.

The information given is to be kept confidential until Not Confidential

19

OIL SANDS OR ZONES

No. 1, from 1590

to 1620

No. 4, from

No. 2, from

No. 5, from

No. 3, from

No. 6, from

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from 568

to 583

feet. Slight Show

No. 2, from 677

to

feet. HPW

No. 3, from 903

to

feet. Slight Show

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 | |
| 7" | 19# | 8 | Nat'l | 1290 | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |

MUDDING AND CEMENTING RECORD

| SIZE OF HOLE | SIZE OF CASING | WHERE SET | NO. SACKS OF CEMENT | METHOD USED | MUD GRAVITY | AMOUNT OF MUD USED |
|--------------|----------------|-----------|---------------------|-------------|-------------|--------------------|
| 8" | 7" | 1290 | 50 | 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 |
|------|------------|----------------------------|----------|----------|-----------------------|-------------------|
| 4" | Dump | Liquidified | 120 | 10-28-47 | 1590-1620 | 1635' |
| | | | | | | |
| | | | | | | |
| | | | | | | |

Results of shooting or chemical treatment Increased production from estimated 5 BOPD to 40 BOPD

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 feet to feet, and from feet to feet

Cable tools were used from 0 feet to 1635 feet, and from feet to feet

PRODUCTION

Put to producing 13 Nov. 19 47

The production of the first 24 hours was 40 barrels of fluid of which 100 % was oil; 0 %

emulsion; 0 % water; and 0 % sediment. Gravity, Be 38

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

Rock pressure, lbs. per sq. in.

EMPLOYEES

W. C. Cox Driller W. H. Messenger Driller

Whit Stull 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 14th

day of November 19 47

William B. McComb Jr.
Notary Public

My Commission expires April 22, 1950

Roswell, New Mexico 14 Nov. 1947

Place

Date

Name Joe W. Lackey

Position Secretary

Representing Malco Refineries, Inc.

Company or Operator

Address P. O. Box 660, Roswell, New Mexico

FORMATION RECORD

| FROM | TO | THICKNESS IN FEET | FORMATION |
|------|------|----------------------|---------------------------------|
| 0 | 685 | 685 | Anhydrite |
| 685 | 795 | 110 | Anhydrite & Red Sand |
| 795 | 840 | 45 | Anhydrite |
| 840 | 920 | 80 | Anhydrite & Red Sand |
| 920 | 1030 | 110 | Anhydrite |
| 1030 | 1050 | 20 | Pink Dolomite |
| 1050 | 1110 | 60 | Anhydrite |
| 1110 | 1310 | 200 | Grey Sand, Red Sand & Anhydrite |
| 1310 | 1425 | 115 | Dolomite |
| 1425 | 1495 | 70 | Anhydrite |
| 1495 | 1580 | 95 | Pink Dolomite |
| 1580 | 1620 | 40 | Grey Sand (Oil Pay) |
| 1620 | 1635 | 15 | Buff Dolomite |