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NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

WELL RECORD

#121

09645

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.

AREA 640 ACRES
LOCATE WELL CORRECTLY

Western Natural Gas Company

Midland, Texas

Dunn

Company or Operator

Well No.

2

in NW $\frac{1}{4}$ NE $\frac{1}{4}$ of Sec.

Address

24

T. 24S

Lease

36E

R. 36E, N. M. P. M., Langlie-Mattix Field, Lea County.

Well is 990 feet south of the North line and 1650 feet west of the East line of Sec 24, T 24S, R 36E

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

If patented land the owner is Maggie Dunn, Address Midland, Texas

If Government land the permittee is, Address

The Lessee is, Address

Drilling commenced December 8, 1948 Drilling was completed January 2, 1949

Name of drilling contractor Carper Drilling Company, Address Artesia, New Mexico

Elevation above sea level at top of casing 3304 feet.

The information given is to be kept confidential until Not confidential, 19

OIL SANDS OR ZONES

No. 1, from 3480 to 3500 No. 4, from to

No. 2, from to 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# | 8 | Nat'l | 31 | | | | | Conductor |
| 9 5/8" | 32.3# | 8 | " | 1174 | Baker | | | | Salt |
| 7" | 20# | 8 | " | 3017 | " | | | | Prod. |
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MUDDING AND CEMENTING RECORD

| SIZE OF HOLE | SIZE OF CASING | WHERE SET | NO. SACKS OF CEMENT | METHODS USED | MUD GRAVITY | AMOUNT OF MUD USED |
|--------------|----------------|-----------|---------------------|--------------|-------------|--------------------|
| 17 1/2" | 13 3/8 | 31' | 30 | Hand Mix | | |
| 12 1/2" | 9 5/8 | 1174' | 550 | Halliburton | | |
| 8 3/4" | 7" | 3017 | 350 | " | | |
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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 |
|------|------------|----------------------------|----------|---------|-----------------------|-------------------|
| | | 20% Acid | 500 gals | | 3017-3520 | |
| | | Jet Shot | 90 shots | 1/15/49 | 3025-3470 | 3520 |
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Results of shooting or chemical treatment. No increase in gas or oil after acid or jet perforations.

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 3520 feet, and from feet to feet

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

PRODUCTION

Put to producing February, 1949

The production of the first 24 hours was 30 barrels of fluid of which 100% was oil;

emulsion; % water; and % sediment. Gravity, Be. 42 A.P.I.

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

Rock pressure, lbs. per sq. in. 900#

EMPLOYEES

R. V. Plato, Driller J. W. Dyer, Driller

Guy Ramsey, 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 15th

day of February, 1949

My Commission expires 6-1-49

Notary Public Eugene Lynch

MIDLAND COUNTY, TEXAS.

cc: Houston Office

Carper Drilling Company

File

Midland, Texas

Place

Name Scott R. Brown

Position Petroleum Engineer

Representing Western Natural Gas Company

Company or Operator

Address Midland, Texas

Feb. 15, 1949

Date

FORMATION RECORD

| FROM | TO | THICKNESS IN FEET | FORMATION |
|------|------|----------------------|----------------------------------------|
| 0 | 35 | 35 | Caliche |
| 35 | 1165 | 1130 | Red Shale & Sandstone |
| 1165 | 1270 | 105 | Anhydrite |
| 1270 | 2860 | 1590 | Salt with Anhydrite stringers |
| 2860 | 2880 | 20 | Anhydrite |
| 2880 | 3015 | 135 | Anhydrite and Brown Dolomite |
| 3015 | 3215 | 200 | Brown Dolomite & Gray-Green Sandstone. |
| 3215 | 3520 | 305 | Brown Dolomite & Some Sand Stringers. |