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AREA 640 ACRES
LOCATE WELL CORRECTLY

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

RECEIVED
OCT 8 1953
OIL CONSERVATION COMMISSION
OBBS-OFFICE

DUPLICATE

Mail to District Office, Oil Conservation Commission, to which Form C-101 was sent not later than twenty days after completion of well. Follow instructions in Rules and Regulations of the Commission. Submit in QUINTUPLICATE.

Western Natural Gas Company
(Company of Operator)

MILWAUKEE

Well No. **1**, in **NE** 1/4 of **NW** 1/4, of Sec. **35**, T. **16S**, R. **3W**, NMPM.
 Undesignated Pool, **Las** County.
 Well is **1900** feet from **West** line and **660** feet from **North** line of Section **35**. If State Land the Oil and Gas Lease No. is _____
 Drilling Commenced **April 15**, 19**53** Drilling was Completed **September 21**, 19**53**
 Name of Drilling Contractor **Fisher Drilling Co.**
 Address **Tulsa, Okla. 3977**
 Elevation above sea level at Top of Tubing Head **3964-96**. The information given is to be kept confidential until **October 1**, 19**53**

OIL SANDS OR ZONES

No. 1, from **12752** to **12745** 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 | NEW OR USED | AMOUNT | KIND OF SHOE | CUT AND PULLED FROM | PERFORATIONS | PURPOSE |
|---------|-----------------|-------------|--------|---------------|---------------------|--------------------------------|-------------|
| 13 3/8" | 54.5-48 | New | 315 | Texas Pattern | | | Surface |
| 9 5/8" | 32-48 | New | 494 | Baker | | | Half String |
| 5 1/2" | 17 1/2 - 20 | New & Used | 12,749 | Halliburton | | 12,452-12,600 12,632-12,680 | Oil String |

MUDDING AND CEMENTING RECORD

| SIZE OF HOLE | SIZE OF CASING | WHERE SET | NO. SACKS OF CEMENT | METHOD USED | MUD GRAVITY | AMOUNT OF MUD USED |
|--------------|----------------|-----------|---------------------|-------------|-------------|--------------------|
| 17 1/2" | 13 3/8" | 330 | 300 | Halliburton | 9.2 | |
| 12 1/4" | 9 5/8" | 494 | 800 | Halliburton | 9.3 | |
| 7 5/8" | 5 1/2" | 12,756 | 600 | Halliburton | 9.5 | |

RECORD OF PRODUCTION AND STIMULATION

(Record the Process used, No. of Qts. or Gals. used, interval treated or shot.)

Natural Production Test 66 BO in 3 hrs
 Perf. 12,452-12,600, 12,632-12,680 Washed
 All Perf. 1/500 Mud Acid, Acidized 12,632, 12,680 with 1,000 gals. IR-1 Acid.
 Both Sets Perf. Open.
 Result of Production Stimulation **804 BOPD in 24 hrs. plus 64 Bbls. water 1/2" choke - Tbg. Pressure 75#, Casing Pressure 200#**
 Depth Cleaned Out _____

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 12,756 feet, and from _____ feet to _____ feet.
 Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet.

PRODUCTION

Put to Producing 9-25, 1953
 OIL WELL: The production during the first 24 hours was 360 barrels of liquid of which 92.63 % was oil; _____ % was emulsion; 7.37 % water; and _____ % was sediment. A.P.I. Gravity 59.9 @ 1 1/2" choke
 GAS WELL: The production during the first 24 hours was _____ M.C.F. plus _____ barrels of liquid Hydrocarbon. Shut in Pressure _____ lbs.
 Length of Time Shut in 24 hrs.

PLEASE INDICATE BELOW FORMATION TOPS (IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE):

Southeastern New Mexico

Northwestern New Mexico

| | | |
|--------------------------------|-------------------------------|----------------------------|
| T. Anhy..... 1985 | T. Devonian..... 12482 | T. Ojo Alamo..... |
| T. Salt..... 2091 | T. Silurian..... | T. Kirtland-Fruitland..... |
| B. Salt..... | T. Montoya..... | T. Farmington..... |
| T. Yates..... 3190 | T. Simpson..... | T. Pictured Cliffs..... |
| T. 7 Rivers..... | T. McKee..... | T. Menefee..... |
| T. Queen..... | T. Ellenburger..... | T. Point Lookout..... |
| T. Grayburg..... | T. Gr. Wash..... | T. Mancos..... |
| T. San Andres..... 4310 | T. Granite..... | T. Dakota..... |
| T. Glorieta..... 6735 | T. | T. Morrison..... |
| T. Drinkard..... | T. | T. Penn..... |
| T. Tubbs..... 7510 | T. | T. |
| T. Abo..... 8230 | T. | T. |
| T. Penn..... | T. | T. |
| T. Miss..... 11552 | T. | T. |

FORMATION RECORD

| From | To | Thickness in Feet | Formation | From | To | Thickness in Feet | Formation |
|-------|-------|-------------------|------------------------------|------|----|-------------------|-----------|
| 0 | 50 | 50 | Caliche | | | | |
| 50 | 1985 | 1935 | Red Beds | | | | |
| 1985 | 2091 | 102 | shy w/sh strata | | | | |
| 2091 | 3090 | 997 | sh & w/sh strata | | | | |
| 3090 | 4180 | 1130 | sh & anky w/al. sd strata | | | | |
| 4180 | 4310 | 630 | sh & anky w/dale strata | | | | |
| 4310 | 8230 | 3920 | Dole w/al. sd & chert strata | | | | |
| 8230 | 8730 | 500 | Dole w/sh strata | | | | |
| 8730 | 9450 | 720 | Dole w/ls & sh strata | | | | |
| 9450 | 10600 | 1150 | ls w/sh & chert strata | | | | |
| 10600 | 11240 | 640 | ls & sh w/al chert strata | | | | |
| 11240 | 11450 | 210 | sh & ls w/ad strata | | | | |
| 11450 | 11960 | 510 | sh w/ls strata | | | | |
| 11960 | 12325 | 365 | ls w/al sh & chert strata | | | | |
| 12325 | 12480 | 155 | sh | | | | |
| 12480 | 12756 | 276 | Dole w/al. ls strata | | | | |

ATTACH SEPARATE SHEET IF ADDITIONAL SPACE IS NEEDED

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.

September 30, 1953

Company or Operator: Western Natural Gas Company
 Name: Carl R. Bruno

Address: 823 Midland Tower Bldg. Midland, Texas
 Position or Title: Division Engineer