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AREA 640 ACRES
LOCATE WELL CORRECTLY

NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

WELL RECORD

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 or Operator) New Mexico State Jacobs (Lease)

Well No. 1, in SE 1/4 of SE 1/4, of Sec. 19, T. 16S, R. 37E, NMPM. Undesignated Pool, Lea County.

Well is 660 feet from South line and 660 feet from East line of Section 19. If State Land the Oil and Gas Lease No. is B - 10170 - 2

Drilling Commenced 9-22, 19 52. Drilling was Completed 2-12-19 53

Name of Drilling Contractor Parker Drilling Company

Address Tulsa, Okla. G.I. 3824.6

Elevation above sea level at Top of Tubing Head 2-15, 19 53. The information given is to be kept confidential until

OIL SANDS OR ZONES

No. 1, from to 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 | 55 | New | 309.57 | Larkin | | | Surface Cag. |
| 8 5/8 | 32 | New | 4981.43 | Larkin | | | Salt 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 | 323.57 | 350 | | 9.4 | |
| 11 | 8 5/8 | 4995.43 | 3200 | | 9.8 | |
| | | | | | | |

RECORD OF PRODUCTION AND STIMULATION

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

Plugged & Abandoned

ult of Production Stimulation

Depth Cleaned Out

I ORD OF DRILL-STEM AND SPECIAL ES

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 12871 feet, and from feet to feet.
Cable tools were used from feet to feet, and from feet to feet.

PRODUCTION

Put to Producing , 19

OIL WELL: The production during the first 24 hours was barrels of liquid of which % was
was oil; % was emulsion; % water; and % was sediment. A.P.I.
Gravity

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

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

Southeastern New Mexico

Northwestern New Mexico

| | | |
|---------------------------|--------------------------|-----------------------|
| T. Anhy. <u>2090</u> | T. Devonian <u>12752</u> | T. Ojo Alamo |
| T. Salt | T. Silurian | T. Kirtland-Fruitland |
| B. Salt | T. Montoya | T. Farmington |
| T. Yates | 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 <u>4870</u> | T. Granite | T. Dakota |
| T. Glorieta | T. <u> </u> | T. Morrison |
| T. Drinkard | T. <u> </u> | T. Penn |
| T. Tubbs | T. <u> </u> | T. <u> </u> |
| T. Abo <u>8280</u> | T. <u> </u> | T. <u> </u> |
| T. Penn | T. <u> </u> | T. <u> </u> |
| T. Miss <u>11837</u> | T. <u> </u> | T. <u> </u> |

FORMATION RECORD

| From | To | Thickness in Feet | Formation | From | To | Thickness in Feet | Formation |
|-------|-------|----------------------|--|-------|-------|----------------------|--------------|
| 0 | 45 | 45 | Caliche | 12760 | 12810 | 50 | Lime & Shale |
| 45 | 2100 | 2055 | Red Beds | 12810 | 12871 | 61 | Dolomite |
| 2100 | 2200 | 100 | Anhy. | | | | |
| 2200 | 2900 | 700 | Salt | | | | |
| 2900 | 4850 | 1950 | Anhy. & Shale | | | | |
| 4850 | 5000 | 150 | Anhy., Shale & Dolomite | | | | |
| 5000 | 8310 | 3310 | Dolomite | | | | |
| 8310 | 8790 | 480 | Dolomite W/shale strks | | | | |
| 8790 | 9675 | 885 | Dolomite W/shale & L. strks. | | | | |
| 9675 | 9830 | 155 | Lime & Dol. W/shale & Chert strks. | | | | |
| 9830 | 10100 | 270 | Lime W/shale & Chert strks. | | | | |
| 10100 | 10460 | 360 | Lime W/shale strks. | | | | |
| 10460 | 11170 | 710 | Lime & Shale | | | | |
| 11170 | 11390 | 220 | Lime W/shale strks. | | | | |
| 11390 | 11740 | 350 | Lime & Shale W/Sd. strks. | | | | |
| 11740 | 11880 | 140 | Lime & Shale | | | | |
| 11880 | 12150 | 270 | Lime W/Shale strks & few Chert strks. | | | | |
| 12150 | 12630 | 480 | Lime W/Shale & Chert strks. | | | | |
| 12630 | 12760 | 130 | Black Shale | | | | |

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.

February 13, 1953

(Date)

Company or Operator Western Natural Gas Company

Address 823 Midland Tower Bldg., Midland, Texas

Name Carl B. Bruno

Position or Title Division Engineer