



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)

State McDonald
(Lease)

Well No. **5**, in **NW** $\frac{1}{4}$ of **NW** $\frac{1}{4}$, of Sec. **36**, T. **22S**, R. **36E**, NMPM.

Langston Pool, **Lea** County.

Well is **990** feet from **North** line and **990** feet from **West** line of Section **36**. If State Land the Oil and Gas Lease No. is **4-5614**.

Drilling Commenced **2-26-53**, 19**53**. Drilling was Completed **3-24**, 19**53**.

Name of Drilling Contractor **Bickerstaff & Tibbets**

Address **Snyder, Texas**

Elevation above sea level at Top of Tubing Head **3452**. The information given is to be kept confidential until **3-29**, 19**53**.

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
12 3/4"	49.56	New	25.0	None			Conductor
8 5/8"	24.70	New	1430	Larkin			Surface
5 1/2"	17.0	New	2955	Larkin			Production
2 3/8"	4.7	New	3493				Tub. 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"	12 3/4"	36.0	25		9.80/gal	
11"	8 5/8"	1430.0	450 1/4" gal		9.80/gal	
7 7/8"	5 1/2"	2960.0	400 1/4" gal		10.20/gal	
4 3/4"	Open-hole				10.40/gal	

RECORD OF PRODUCTION AND STIMULATION

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

Acidized open-hole section from 2960' to 3525' with 1000 gal low surface tension acid.

Result of Production Stimulation.....

Depth Cleaned Out.....

RI RD OF DRILL-STEM AND SPECIAL TEST

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 3925' feet, and from feet to feet.
Cable tools were used from feet to feet, and from feet to feet.

PRODUCTION

Put to Producing 2nd-1st March 15, 1953

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

GAS WELL: The production during the first 24 hours was 10,900 M.C.F. plus barrels of liquid Hydrocarbon. Shut in Pressure 1041 lbs.

Length of Time Shut in 72 hrs.

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

Southeastern New Mexico

Northwestern New Mexico

T. Anhy.	1420	T. Devonian.	T. Ojo Alamo.
T. Salt.	1530	T. Silurian.	T. Kirtland-Fruitland
B. Salt.	2032	T. Montoya.	T. Farmington.
T. Yates.	3022	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.		T. Granite.	T. Dakota.
T. Glorieta.		T.	T. Morrison.
T. Drinkard.		T.	T. Penn.
T. Tubbs.		T.	T.
T. Abo.		T.	T.
T. Penn.		T.	T.
T. Miss.		T.	T.

FORMATION RECORD

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	90	90	Caliche				
90	1420	1370	Red Beds				
1420	1530	100	Anhydrite				
1530	2032	1332	Salt w/anhydrite strms.				
2032	2930	98	Anhydrite w/shale & l. strms.				
2930	3022	72	Sal & Anhydrite				
3022	3130	108	Sal, Anhydrite & Sandstone				
3130	3925	395	Sal w/Sd & Shale strms.				

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.

March 21, 1953

Company or Operator WESTERN NATURAL GAS COMPANY
Name Earl L Bruno

Address 820 Midland Tower Bldg., Midland, Texas
Position or Title Division Engineer