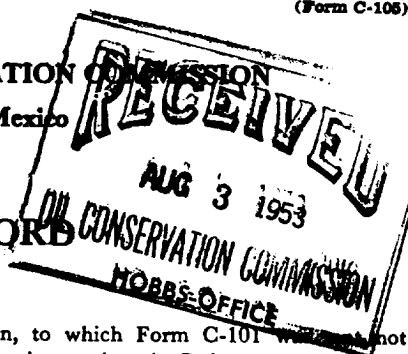


NEW MEXICO OIL CONSERVATION COMMISSION  
Santa Fe, New Mexico

WELL RECORD



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

AREA 640 ACRES  
LOCATE WELL CORRECTLY

Western Natural Gas Company  
(Company or Operator)

State McDonald  
(Lease)

Well No. 12, in SW 1/4 of SW 1/4, of Sec. 24, T. 22S, R. 36E, NMPM.

Langrat Pool, Lea County.

Well is 660 feet from South line and 660 feet from West line

of Section 24. If State Land the Oil and Gas Lease No. is A-2614

Drilling Commenced 6-25, 1953. Drilling was Completed 7-7, 1953.

Name of Drilling Contractor: Bickerstaff & Tibbets

Address: Snyder, Texas

Elevation above sea level at Top of Tubing Head 3467. The information given is to be kept confidential until

7-31, 1953.

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 1/4"	33.38	New	25'				Conductor
8 5/8	24.70	New	1430'	Baker	None	None	Salt String
5 1/2	17#	New	2935'	Baker	None	None	Production
2 3/8	4.7#	New	3364'				

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 1/4"	25'	25		9.0	
11	8 5/8	1440	450		10.0	
7 7/8	5 1/2	2943	400		10.2	
4 3/4	Open Hole					

RECORD OF PRODUCTION AND STIMULATION

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

Acidized open hole from 2950 ft. to 3439 ft. with 1000 gals. Type J Acid

Result of Production Stimulation.....

Depth Cleaned Out.....

**WORD 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 3440 feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet.  
 Cable tools were used from \_\_\_\_\_ feet to \_\_\_\_\_ feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet.

**PRODUCTION**

Put to Producing **Shut In** \_\_\_\_\_, 19\_\_\_\_\_

**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 577 M.C.F. plus \_\_\_\_\_ barrels of liquid Hydrocarbon. Shut in Pressure 1105 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. <u>1423</u>  | T. Devonian    | T. Ojo Alamo          |
| T. Salt. <u>1515</u>  | T. Silurian    | T. Kirtland-Fruitland |
| B. Salt. <u>2840</u>  | T. Montoya     | T. Farmington         |
| T. Yates. <u>3014</u> | 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	50	50	Caliche				
50	1423	1370	Red Beds				
1423	1515	92	Anhydrite & Shale				
1515	2840	1325	Salt & Anhydrite				
2840	2953	113	Anhydrite & Shale & Dol.				
2953	3050	97	Dol/Anhy, Shale & Sd. Strks.				
3050	3085	30	Anhy/Shale & Sd. Strks.				
3085	3440	355	Dol/Anhy. & Sd. Strks.				

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.

July 31, 1953 (Date)

Company or Operator Western Natural Gas Company Address 823 Midland Tower, Midland, Texas  
 Name J. L. Green Position or Title Petroleum Engineer