

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico  
HOBBS OFFICE OCC

WELL RECORD PM 1:57

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. If State Land submit 6 Copies

AREA 640 ACRES  
LOCATE WELL CORRECTLY

Western Natural Gas Company

Harrington

(Company or Operator)

(Lease)

Well No. 4, in SW 1/4 of NW 1/4, of Sec. 10, T. 22-S, R. 36-E, NMPM.

South Eunice

Pool, Lea

County.

Well is 660 feet from West line and 1980 feet from North line

of Section 10. If State Land the Oil and Gas Lease No. is Patented

Drilling Commenced 4-24, 1962. Drilling was Completed 5-3, 1962

Name of Drilling Contractor Blue Pacific Drilling Company

Address Box 832, Midland, Texas

Elevation above sea level at Top of Tubing Head 3557.5 G.L. The information given is to be kept confidential until Not confidential, 19

OIL SANDS OR ZONES

No. 1, from 3745 to 3785 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
8 5/8"	24#	New	1544'	Float	-	None	Surface
5 1/2"	17#	New	3782'	Float	-	3785, 3780,	
						3773, 3760,	
						3745	Production

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. BAGS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
11"	8 5/8"	1557'	500	Pump & Plug	-	-
7 7/8"	5 1/2"	3793'	500	Pump & Plug	-	-

RECORD OF PRODUCTION AND STIMULATION

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

Perforated 2 jet shots at 3785, 3780, 3760 and 1 jet shot at 3773 and 3745 ft. Fraced w/ 20,000 gals lease oil, 30,000# 20-40 sand, 200 gals Acetic acid, 1000 gals reg acid, 1000#

Adomite Mark-2, 112,000 standard cu. ft. nitrogen. Max pressure 2900, minimum 2500,

Injection rate 23 BPM. Flowed 240 bbls new oil in 24 hrs thru 1/2" choke. GOR 3401-1.

Result of Production Stimulation Flowed 240 bbls new oil in 24 hrs thru 1/2" choke. GOR 3401-1.

Depth Cleaned Out 3787

# 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 3794 feet, and from feet to feet.  
Cable tools were used from feet to feet, and from feet to feet.

## PRODUCTION

Put to Producing 5-8 62, 19  
OIL WELL: The production during the first 24 hours was 240 barrels of liquid of which 100 % was  
was oil; % was emulsion; % water; and % was sediment. A.P.I.  
Gravity. 36° API

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.	1533	2036		T. Devonian		T. Ojo Alamo	
T. Salt	1618	1951		T. Silurian		T. Kirtland-Fruitland	
B. Salt	2988	581		T. Montoya		T. Farmington	
T. Yates	3178	391		T. Simpson		T. Pictured Cliffs	
T. 7 Rivers	3403	166		T. McKee		T. Menefee	
T. Queen	3742	173		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	1533	1533	Shale & sandstone				
1533	1618	85	Anhydrite & shale				
1618	2988	1370	Salt, potash, anhy, & shale				
2988	3178	190	Anhydrite & dolomite				
3178	3794	616	Dolomite, sandstone, anhy, & 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.

May 14, 1962

Company or Operator. WESTERN NATURAL GAS COMPANY Address. 823 Midland Tower, Midland, Texas  
Name. Paul Woodward Position. Office Manager