



NEW MEXICO OIL CONSERVATION COMMISSION

Hidalgo Co. New Mexico

1962 JUL 25 AM 10 25  
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. If State Land submit 6 Copies

AREA 640 ACRES  
LOCATE WELL CORRECTLY

Western Natural Gas Company  
(Company or Operator)

Matkins  
(Lease)

Well No. 4, in NE 1/4 of SW 1/4, of Sec. 14, T. 23-S, R. 36-E, NMPM.  
Langlie Mattix Pool, Lea County.

Well is 1650 feet from West line and 1900 feet from South line  
of Section 14. If State Land the Oil and Gas Lease No. is Patented

Drilling Commenced 6-21, 1962 Drilling was Completed 6-29, 1962

Name of Drilling Contractor Blue Pacific Drilling Company

Address Box 832, Midland, Texas

Elevation above sea level at Top of Tubing Head 3366.4 G.L. The information given is to be kept confidential until  
Not confidential, 1962

OIL SANDS OR ZONES

No. 1, from 3558 to 3598 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"	244	New	1173'	Float	-	None	Surface
5 1/2"	204	New	3336'		-	3558, 3570,	
5 1/2"	15.54	New	254'	Float	-	3582, 3589, 3593, 3598	Production

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
11"	8 5/8"	1187'	500	Pump & plug		
7 7/8"	5 1/2"	3601	500	Pump & plug		

RECORD OF PRODUCTION AND STIMULATION

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

Perforated 3558, 3570, 3593 w/2 JEPF; 3582, 3589, 3598 w/1 JEPF. Fraced w/20,000 gals refined oil, 30,000# sand and 1,000 gals reg acid. Formation broke at 4000#, treated at 3500#, injection rate 21.3 BPM.

Result of Production Stimulation Flowed 195 bbls oil and no water in 24 hrs thru 1/4" choke.

TP 1187, 550#, SCR 2450/1.

Depth Cleaned Out 3599

MP

# 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 3602 feet, and from feet to feet.  
Cable tools were used from feet to feet, and from feet to feet.

July 7

## PRODUCTION

Put to Producing 62, 19.

OIL WELL: The production during the first 24 hours was 195 barrels of liquid of which 100% was oil; 0% was emulsion; No% water; and% was sediment. A.P.I. Gravity 34.5 @ 60 deg.

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. 1170	T. Devonian	T. Ojo Alamo
T. Salt. 1305	T. Silurian	T. Kirtland-Fruitland
B. Salt. 2798	T. Montoya	T. Farmington
T. Yates. 2938	T. Simpson	T. Pictured Cliffs
T. 7 Rivers. 3150	T. McKee	T. Menefee
T. Queen. 3525	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	1170	1170	Sh & ss				
1170	1305	135	Anhy & sh				
1305	2798	1493	Salt, potash, anhy & sh				
2798	2938	140	Dolo, anhy & sh				
2938	3602	664	Ss, dolo, anhy & sh				

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 23, 1962

Company or Operator WESTERN NATURAL GAS COMPANY

Address 823 Midland Tower, Midland, Texas

Name Perry Woodward

Position Title Office Manager