



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. If State Land submit 6 Copies

AREA 640 ACRES
LOCATE WELL CORRECTLY

Western Natural Gas Company
(Company or Operator)

Steeler
(Lease)

Well No. 4, in SW 1/4 of SW 1/4, of Sec. 19, T. 23-S, R. 37-E, NMPM.

Langlie-Mattix Pool, Lea County.

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

of Section 19. If State Land the Oil and Gas Lease No. is Patented

Drilling Commenced 3-28, 19 60 Drilling was Completed 4-8, 19 60

Name of Drilling Contractor Bickerstaff & Tibbets Drilling Company

Address Midland, Texas

Elevation above sea level at Top of Tubing Head 3324.4 G.L. The information given is to be kept confidential until

Not confidential, 19

OIL SANDS OR ZONES

No. 1, from 3541 to 3552 No. 4, from to

No. 2, from 3554 to 3564 No. 5, from to

No. 3, from 3569 1/2 to 3581 1/2 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	1181'	Float	-	None	Surface
5 1/2"	15.5#	New	3584'	Float	-	3541-52, 3554-64, 3569 1/2-81 1/2	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"	1192'	450	Pump & Plug		
7 7/8"	5 1/2"	3594'	500	Pump & Plug		

RECORD OF PRODUCTION AND STIMULATION

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

Perforated 3541-52, 3554-64, 3569 1/2-81 1/2. Fraced with 15,000 gallons lease oil, 30,000# sand, 1000 gallons regular 15% acid, 750# Adomite. Treating Pressure 2200#. Injection rate 26 BPM.

Result of Production Stimulation Flowed 41.5 barrels oil and trace of water in 24 hours thru 1/4" choke.

Depth Cleaned Out 3585'

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 3545 feet, and from feet to feet.
Cable tools were used from feet to feet, and from feet to feet.

PRODUCTION

Put to Producing 5-18, 19 60

OIL WELL: The production during the first 24 hours was 41.3 barrels of liquid of which 100 % was oil; % was emulsion; Trans % water; and % was sediment. A.P.I. Gravity 46.2° API at 60

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	1174		T. Devonian		T. Ojo Alamo
T. Salt	1332		T. Silurian		T. Kirtland-Fruitland
B. Salt	2612		T. Montoya		T. Farmington
T. Yates	2865		T. Simpson		T. Pictured Cliffs
T. 7 Rivers	3130		T. McKee		T. Menefee
T. Queen	3135 3495		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	1174	1174	Shale & sandstone				
1174	1332	158	Anhydrite & shale				
1332	2612	1280	Salt, potash, anhy, & shale				
2612	2865	253	Anhydrite & Dolomite				
2865	3597	732	Sale, 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.

June 1, 1960

Company or Operator Western Natural Gas Company Address 823 Midland Tower, Midland, Texas
Name Paul Woodward Position Office Manager