

AREA 640 ACRES  
LOCATE WELL CORRECTLY

## NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico 80000

## 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

Western Natural Gas Company  
(Company or Operator)Steeler  
(Lease)Well No. 3, in NW  $\frac{1}{4}$  of SW  $\frac{1}{4}$ , of Sec. 19, T. 23-N, R. 37-E, NMPM.

Langlie-Mattix

Pool,

Lea

County.

Well is 1900 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 3-16, 1960 Drilling was Completed 3-28, 1960Name of Drilling Contractor Bickerstaff & Tibbets Drilling CompanyAddress Midland, TexasElevation above sea level at Top of Tubing Head 3325.8 G.L. The information given is to be kept confidential until Not confidential, 19    .

## OIL SANDS OR ZONES

No. 1, from 3524 to 3536 No. 4, from      to       
No. 2, from 3540 to 3546 No. 5, from      to       
No. 3, from 3554 to 3564 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
<u>8 5/8</u>	<u>240</u>	<u>New</u>	<u>1182'</u>	<u>Float</u>		<u>None</u>	<u>Surface</u>
<u>5 1/2</u>	<u>15.50</u>	<u>New</u>	<u>3558'</u>	<u>Float</u>		<u>3540-46</u> <u>3524-36</u>	<u>Production</u>

## MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
<u>11"</u>	<u>8 5/8"</u>	<u>1193'</u>	<u>450</u>	<u>Pump &amp; Plug</u>	<u>-</u>	<u>-</u>
<u>7 7/8"</u>	<u>5 1/2"</u>	<u>3568'</u>	<u>500</u>	<u>Pump &amp; Plug</u>	<u>-</u>	<u>-</u>

## RECORD OF PRODUCTION AND STIMULATION

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

Perforated 3540-46, 3524-36. Fraced w/15,000 gal lease oil, 240 gals J-97, 1000 gal  
Dowell-X acid, 23,700# sand, 75 ball sealers. Treating pressure 2300-2600#, injection  
rate 27.4 BPM.

Result of Production Stimulation Flowed 336 barrels oil in 24 hrs thru 26/64" choke.Depth Cleaned Out 3568'

# 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 3568 feet, and from feet to feet.  
Cable tools were used from feet to feet, and from feet to feet.

## PRODUCTION

Put to Producing 4-1, 1960

OIL WELL: The production during the first 24 hours was 336 barrels of liquid of which 100% was oil; % was emulsion; % water; and % was sediment. A.P.I. Gravity 36.1° API @ 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. 1177	T. Devonian	T. Ojo Alamo
T. Salt 1320	T. Silurian	T. Kirtland-Fruitland
B. Salt 2585	T. Montoya	T. Farmington
T. Yates 2851	T. Simpson	T. Pictured Cliffs
T. 7 Rivers 3118	T. McKee	T. Menefee
T. Queen 3478	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	1177	1177	Shale & sandstone				
1177	1320	143	Anhydrite & shale				
1320	2585	1265	Salt, potash, anhy, & shale				
2585	2851	266	Anhydrite & dolomite				
2851	3568	717	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.

April 12, 1960

Company or Operator: WESTERN NATURAL GAS COMPANY Address: 823 Midland Tower, Midland, Texas  
Name: [Signature] Position: Title: Petroleum Engineer