



AREA 640 ACRES
LOCATE WELL CORRECTLY

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

Western Natural Gas Company (Company or Operator) Hale (Lease)

Well No. 5, in SW 1/4 of SW 1/4, of Sec. 34, T. 22S, R. 36E, NMPM.

South Emilee Pool, Lea County.

Well is 660 feet from South line and 660 feet from West line of Section 34. If State Land the Oil and Gas Lease No. is Patented Land.

Drilling Commenced 2-11-58, 19. Drilling was Completed 2-21-58, 19.

Name of Drilling Contractor Bickertaff and Tibbets Drilling Company

Address Midland, Texas

Elevation above sea level at 3490.5 M.S.L. 3490.5 K.B. 3490.5 The information given is to be kept confidential until Not Confidential, 19.

OIL SANDS OR ZONES

No. 1, from 3200 to 3310 No. 4, from 3755 to 3768

No. 2, from 3360 to 3450 No. 5, from to

No. 3, from 3660 to 3750 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	24.4	New	1387	Float	-	-	Surface
5 1/2	15.54	New	3761	Float	-	See below	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	1399	500	Pump & Plug	-	-
7 7/8	5 1/2	3768	500	Pump & Plug	-	-

RECORD OF PRODUCTION AND STIMULATION

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

Perforated 5 1/2" casing 3715-3727, 3738-3751, 3756-3765, w/4 jet shots per foot. Treated all perfs with 15000 gals jelled oil, 150000 sand, 100 ball sealers. Treating pressure 2600-2800, injection rate 31.5 BPM

Result of Production Stimulation Well kicked off and flowed at rate of 16.5 BOPH on 22/64" choke.

Depth Cleaned Out

RECORD OF DRILL-STEM AND SPECIAL TESTS

If drill-stem or other special tests or deviation surveys were made, submit report separate sheet and attach hereto

TOOLS USED

Rotary tools were used from 0 feet to 3768 feet, and from feet to feet.
Cable tools were used from feet to feet, and from feet to feet.

PRODUCTION

Put to Producing 3-1-58, 19
OIL WELL: The production during the first 24 hours was 42 barrels of liquid of which 100% was oil; % was emulsion; % water; and % was sediment. A.P.I. Gravity 37
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.	1364	T. Devonian	T. Ojo Alamo
T. Salt	1454	T. Silurian	T. Kirtland-Fruitland
B. Salt	3026	T. Montoya	T. Farmington
T. Yates	3188	T. Simpson	T. Pictured Cliffs
T. 7 Rivers	3375	T. McKee	T. Menefee
T. Queen	3758	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	Surface gravels, caliche				
50	1364	1214	Redbeds				
1364	1454	90	Anhydrite, Redbeds				
1454	3026	1572	Salt, Anhydrite				
3026	3188	162	Sd, Sh, Anhydrite				
3188	3375	187	Sd, Dolo, Anhydrite (Yates)				
3375	3758	383	Sd, Dolo, Sh (7-Rivers)				
3758	3768	10	Sd, Dolo Sh (Queen)				

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. 3-14-58

Company or Operator Western Natural Gas Company Address Midland, Texas (Date)
Name J. S. Thomas Position Office Manager