

Santa Fe, New Mexico

WELL RECORD

**AREA 640 ACRES
LOCATE WELL CORRECTLY**

Western Natural Gas Company
(Company or Operator)

JORDA
(Lena)

Well No. 8, in SW $\frac{1}{4}$ of NE $\frac{1}{4}$, of Sec. 34, T. 22S, R. 36E, NMPM.

South Eunice

Pool.....Loa

..County.

Well is 1980 feet from North line and 1980 feet from East line

of Section 34 If State Land the Oil and Gas Lease No. is

Drilling Commenced.....1-3-58....., 19..... Drilling was Completed.....1-14-58....., 19.....

Name of Drilling Contractor..... **Bickerstaff & Tibbets Drilling Company.**

Address.....Midland, Texas

Elevation above sea level at Top of Tubing Head.....3489.5 G.L......3501 K.F.S...... The information given is to be kept confidential until
..... 19.....

OIL SANDS OR ZONES

No. 1, from 3358 to 3372 No. 4, from 3680 to 3735

No. 2, from 3382 to 3422 No. 5, from _____ to _____

No. 3, from 3514 to 3572 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	1420	Float	---	---	Surface
5 1/2	14	New	3729	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	1433	500	Pump & Plug	—	—
7 7/8	5 1/2	3740	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 3680-88, 3700-28 with 4 jet shots per foot. Treated thru perforations with 15000 gal Potargel, 15000# 20/40 sand, 120 RCN balls, 750 gal Dowell X acid. Average injection rate 31.5 BPM, Maximum treating pressure 2900# Minimum 2800#.

Result of Production Stimulation..... Flowed at the rate of 22.125 BO/hr on 22/64" choke after recovering load.

Depth Cleaned Out.

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

Rotary tools were used from 0 feet to 3741 feet, and from _____ feet to _____ feet.
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet.

Put to Producing.....1-19....., 19 58

OIL WELL: The production during the first 24 hours was.....532.....barrels of liquid of which.....100.....% was
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):

Northwestern New Mexico

T. Anhy.....	1426	T. Devonian.....	T. Ojo Alamo.....
T. Salt.....	1501	T. Silurian.....	T. Kirtland-Fruitland.....
B. Salt.....	2957	T. Montoya.....	T. Farmington.....
T. Yates.....	3120	T. Simpson.....	T. Pictured Cliffs.....
T. 7 Rivers.....	3318	T. McKee.....	T. Menefee.....
T. Queen.....	3680	T. Ellenburger.....	T. Point Lookout.....
T. Grayburg.....	T.D. 3735	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.

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	50	50	Surface sand & caliche				
50	1426	1376	Red beds				
1426	1501	75	Anhyd. w/sh. stringers				
1501	2957	1456	Salt w/anhyd. stringers				
2957	3094	137	Dolo & anhyd. w/sh. stringers				
3094	3735	641	Dolo & S.S. w/anhyd. & sh. stringers				

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.

Company or Operator Western Natural Gas Company

January 24, 1958

.....
(Date)

Address **823 Midland Tower, Midland, Texas**

Name

Position or Title..... **Office Manager**