

## NEW MEXICO OIL CONSERVATION COMMISSION

FORM C-103  
(Rev 3-55)

## MISCELLANEOUS REPORTS ON WELLS

(Submit to appropriate District Office as per Commission Rule 1106)

Name of Company <b>Western Natural Gas Company</b>		Address <b>823 Midland Tower, Midland, Texas</b>				
Lease <b>Mathins</b>	Well No. <b>1</b>	Unit Letter <b>P</b>	Section <b>15</b>	Township <b>23-S</b>	Range <b>36-E</b>	
Date Work Performed <b>1-23-61</b>	Pool <b>Jalmat Gas</b>		County <b>Lee</b>			

THIS IS A REPORT OF: (Check appropriate block)

- ☐ Beginning Drilling Operations    ☐ Casing Test and Cement Job    ☒ Other (Explain):  
☐ Plugging    ☐ Remedial Work

Detailed account of work done, nature and quantity of materials used, and results obtained.

Loaded hole with salt water, pulled 2 7/8" OD tbg. Ran Cameton and Gamma Ray - Neutron from surface to 3400'. Ran casing scraper to 1000' and set Baker Model N-2B CI BP off of wire line. Placed one sack neat cement on top of plug in 5 1/4" 17 1/2 casing. Perforated from 3120-30 with 2 SPT and one at 3239', with type E perforating gun. Ran 3 1/2" OD Extramaline N-80 tbg with DOT 3 x 5 1/4" 17 1/2 treating packer and set at 3197'. Pumped down tubing and established communication. Pulled packer to 2600'. Fraced with 23,000 gal refined oil with 750# Adomite added and 23,000# 20/40 sand. The frac was divided into 4 stages, the first of which was spearheaded w/250 gal reg 15% acid. The first stage was tailed with 100# rock salt, while the following two stages were tailed w/200# rock salt each. Maximum and minimum treating pressures were 3500 and 3300 psig respectively. The average injection rate was 14.5 BPM. Pulled 3 1/2" tbg. Ran 95 jts 2 7/8" OD 10V J-55 EUE and landed at 3304' with stripper in tubing head. Swabbed in well.

\* The Baker Model N-2B CI BP was set at 3396'.

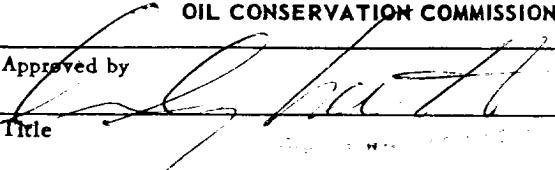
Witnessed by <b>W. B. Scott</b>	Position <b>Petroleum Engineer</b>	Company <b>Western Natural Gas Company</b>
------------------------------------	---------------------------------------	---

FILL IN BELOW FOR REMEDIAL WORK REPORTS ONLY

ORIGINAL WELL DATA					
D F Elev. <b>3394</b>	T D <b>3644</b>	P B T D <b>3644</b>	Producing Interval <b>3056-3644</b>	Completion Date <b>8-2-38</b>	
Tubing Diameter <b>2 7/8</b>	Tubing Depth <b>3630</b>	Oil String Diameter <b>5 1/4 OD 17 1/2</b>	Oil String Depth <b>3440</b>		
Perforated Interval(s) <b>3275-3300/24 shots      3150-3030 w/24 shots</b>					
Open Hole Interval <b>3440-3644</b>			Producing Formation(s) <b>Yates</b>		

## RESULTS OF WORKOVER

Test	Date of Test	Oil Production BPD	Gas Production MCFPD	Water Production BPD	GOR Cubic feet/Bbl	Gas Well Potential MCFPD
Before Workover	<b>2-19-60</b>	<b>1</b>	<b>Est. 330</b>	<b>-</b>	<b>-</b>	<b>11-30-56 AP = 3100</b>
After Workover	<b>No test as of March 1, 1961</b>					

OIL CONSERVATION COMMISSION		I hereby certify that the information given above is true and complete to the best of my knowledge.	
Approved by 	Name <b>W. B. Scott</b>		
Title <b>Petroleum Engineer</b>	Position <b>Petroleum Engineer</b>		
Date <b>1-23-61</b>	Company <b>Western Natural Gas Company</b>		

... ..

... ..

... ..

... ..

... ..

... ..

... ..

... ..

... ..

... ..

... ..

... ..

... ..

... ..