

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

LEASE Steeler WELL NO. 2 UNIT N S 19 T 23-S R 37-E
DATE WORK PERFORMED January 2, 1959 POOL Langile Mattix - Jalnet

This is a Report of: (Check appropriate block)

<input type="checkbox"/> Beginning Drilling Operations	<input type="checkbox"/> Results of Test of Casing Shut-off
<input type="checkbox"/> Plugging	<input checked="" type="checkbox"/> Remedial Work
	<input checked="" type="checkbox"/> Other Plug Back

This well originally dual completed in Jalmat Gas and Langlie-Mattix Oil zones on Commission Order No. DC-133. Pulled packer separating the Yates-Seven Rivers and Queens zones and set a Baker 4 3/4" open hole bridge plug at 3587' and spotted 32 gals hydromite from 3287' back to 3542' in 5 1/2" casing. Ran in hole with 3" tubing string and Baker high volume casing packer set at 3430'. Fraced Queens section of 3486-3542 with 10,000 gals lease oil & 24,000 lbs 20/40 mesh sand - maximum pressure was 4400 psi, minimum was 3600 psi, average injection rate 18.7 BPM. Shut-in pressure was 1200 psi. Laid down 3" tbg - set Baker Model "D" packer at 3470' off of wire line. Went in with completion string of 2" EUE tbg set in Model "D" packer with a Garrett sleeve at 3410' and 15' of perforated tail pipe below the Baker packer. Tubing string was run in with the Garrett sleeve in a closed position. Swabbed in Queens (oil zone) thru the 2" tbg - the Yates-Seven Rivers kicked off naturally through annulus.

Note: If it becomes necessary to open the Garrett sleeve at ~~3410'~~^{3495'} at some future date, an Otis tbg plug will be run and set in the tbg string off a wireline at some interval below ~~3410'~~^{3495'} in order to prevent comingling of the Langlie-Mattix (oil zone) and Jalmat (gas zone).

Original Well Data: * See attached sheet

DF Elev.	<u>3332</u>	TD	<u>3720</u>	PBD	<u>3695</u>	Prod. Int.		Compl Date	<u>9-9-54</u>
Tbng. Dia	<u>2 3/8</u>	Tbng Depth	<u>3641</u>	Oil String Dia	<u>5 1/2</u>	Oil String Depth	<u>3555</u>		
Perf Interval (s)	★								
Open Hole Interval	<u>3555-3695</u>		Producing Formation (s)			<u>Yates-Seven Rivers</u>			

RESULTS OF WORKOVER:	For Langlie-Mattix oil zone	BEFORE	AFTER
1. Production	100%	100%	100%
2. Cost of production	100%	100%	100%
3. Life of well	100%	100%	100%
4. Maintenance	100%	100%	100%
5. Safety	100%	100%	100%
6. Other	100%	100%	100%

Date of Test	(Jalmat gas zone deliverability shall be run at regular scheduled time)	-	1-30-59
Oil Production, bbls. per day		0	180
Gas Production, Mcf per day		0	320
Water Production, bbls. per day		0	80
Gas-Oil Ratio, cu. ft. per bbl.		0	1780
Gas Well Potential, Mcf per day			

Witnessed by Don Gillit Western Natural Gas Company
(Company)

I hereby certify that the information given above is true and complete to the best of my knowledge.

Name _____
Title _____
Date _____

Name Mendell Cook
Position Division Petroleum Engineer
Company WESTERN NATURAL GAS COMPANY

Western Natural Gas Company #2 Steeler
ORIGINAL WELL DATA: (Cont'd)

Perf Intervals - Jalmit Gas (Yates-Seven Rivers)

2840-2870

2898-2910

2938-3024

3032-3102

3134-3146

3162-3180

**Langlie-Mattix Oil (Queens) producing interval prior
to plug back to 3542 feet**

3486-3551 w/6 shots/ft. in 3 1/2" casing

3555-3691 open-hole interval