

WESTERN NATURAL GAS COMPANY
WIMBERLEY #5

Plugback and Recompletion

Original intentions were to attempt to squeeze off water in the Montoya zone and recomplete as a Montoya-Ellenburger dual.

Set bridge plug at 7413' between Ellenburger and Montoya zone with 3 bbls heavy gel mud on top of packer. Squeezed Montoya perforations from 7002-7015' with 500 ex in three stages, tested with 4500#. Held O.K. Perforated from 6900-6910', swabbed water. Squeezed with 350 ex in 2 stages. Tested with 5000# pressure, held O.K. Perforated from 6946-56, swbd water. Squeezed in two stages; 100 ex 1st stage, 30 ex 2nd stage. Tubing parted on second stage, cementing packer and 350' of 2 3/8" tubing in the hole. Drilled tubing and cement to 6823'. Temporarily abandoned Ellenburger zone and attempt to recomplete in Montoya and Blinbry zones.

Perforated Montoya oil zone from 6802-6822 w/2 JSPP. Acidized w/6000 gals regular 15% non-emulsifying acid in 1,000 and 5,000 gal stages down 2 7/8" drill pipe w/Guiberson L-30 packer. Swabbed and flowed oil and gas. Killed with brine water. Ran Gamma-Ray log from 4500-5600, and gauge ring to 6350. Set Guiberson type "A" permanent production packer w/ expendable plug at 6495'. Pressured to 1000 psig. Held O.K. Perforated Blinbry oil zone from 5391-5403, 5417-5423, 5439-5444, 5477-5483 w/2 JSPP. Ran Guiberson L-30 packer on 2 7/8" DP, acidized w/1000 gal regular 15% non-emulsifying acid, swabbed. Ran 2 3/8" OD J-55 tubing and displaced brine water w/oil. Fraced with 10,000 gal refined oil and 46,500# 20/40 sand. Flowed back load oil. Killed with brine water and pulled tubing. Ran 221 jts 2 3/8" OD EUE J-55 tubing w/Guiberson seal assembly and set tubing w/6000# compression at 6760 on Montoya side. Ran 186 jts 2 3/8" OD EUE J-55 tubing w/turned down collars and suspended at 5441.

NEW MEXICO OIL CONSERVATION COMMISSION

FORM C-103
(Rev 3-55)

MISCELLANEOUS REPORTS ON WELLS 000

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

| | | | | | | |
|--|--------------------|--|-------------------|----------------------|-------------------|--|
| Name of Company Western Natural Gas Company | | Address 823 Midland Tower, Midland, Texas | | | | |
| Lease Winberley | Well No. 5 | Unit Letter C | Section 24 | Township 23-S | Range 37-E | |
| Date Work Performed 8/24/61 - 10/26/61 | Pool Justis | | | County Lea | | |

THIS IS A REPORT OF: (Check appropriate block)

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

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

SEE ATTACHED SHEET

| | | |
|---------------------------------|--------------------------|--|
| Witnessed by W. B. Scott | Position Engineer | Company Western Natural Gas Company |
|---------------------------------|--------------------------|--|

FILL IN BELOW FOR REMEDIAL WORK REPORTS ONLY

ORIGINAL WELL DATA

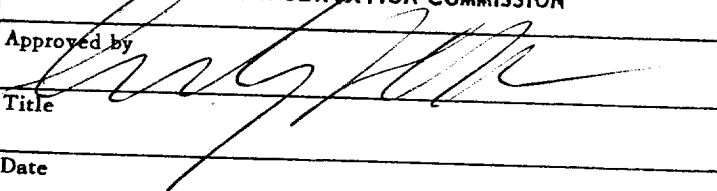
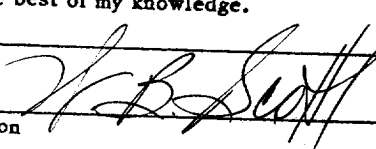
| | | | | |
|------------------------|--------------|---------------------|--------------------|-----------------|
| D F Elev. | T D | P B T D | Producing Interval | Completion Date |
| Tubing Diameter | Tubing Depth | Oil String Diameter | Oil String Depth | |
| Perforated Interval(s) | | | | |
| Open Hole Interval | | | | |
| Producing Formation(s) | | | | |

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 | | | | | | |
| After Workover | | | | | | |

OIL CONSERVATION COMMISSION

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

| | |
|--|---|
| Approved by  | Name  |
| Title | Position Engineer |
| Date | Company WESTERN NATURAL GAS COMPANY |