

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 The Atlantic Refining Company | | | Address P.O. Box 1610, Midland, Texas | | | |
| Lease State Nyn | Well No. 4 | Unit Letter A | Section 25 | Township 25 S | Range 37 E | |
| Date Work Performed 2-16-59 to 2-21-59 | | Pool Justis | | County Lea County, New Mexico | | |

THIS IS A REPORT OF: (Check appropriate block)

- ☐ Beginning Drilling Operations ☐ Casing Test and Cement Job ☒ Other (Explain):
☐ Plugging ☐ Remedial Work **Perforate, Treat and Complete**

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

Perforated Ellenburger from 3120'-60' GR-N with 4 jet shots per foot and perforated McKee from 7636'-68' GR-N with 4 jet shots per foot. Ran Baker Model 411 B packer set at 8090'. Ran Ellenburger tubing string: Baker seal Assy, seating nipple, 273 joints of 2-1/2" 6.5# J-55 Hydril CS tubing with TFW MODEL pkr, 3073.91', set in Baker 411 B packer @ 8090' with 8000# tubing weight. TFW packer hung at 7611.68'. Ran McKee tubing string: 1-1/2" TFW HSDL tubing seal Assy, OCT seating nipple, 260 joints of 2" 4.7# J-55 Hydril CS tubing and 5 tubing subs, 7596.29', set in TFW packer @ 7606.89' with 10000# tubing weight. Installed OCT dual 1500 Series tree. Tested McKee and Ellenburger individually for communication, no indication of communication. Swabbed McKee zone dry. Acidized McKee perms 7636'-68'. Broke formation down 3200# to 1500#. Treated with 1000 gals of regular acid. Max press 3500#, final press 2000#. Avg injection rate 3.7 BPM. Total load 32 BNO & 24 BAW. In 5 hrs swabbed total load. On 8 hr swab test recovered 22 BNO and 15 AW. Acidized McKee with 5000 gals of 15% regular IF acid. Pumped in formation 3900# to 4000#. Max and final press 4200#. Avg injection rate 5.3 BPM. Total load 33 BNO and 120 BAW. In 6 hrs swabbed 33 BNO and 120 BAW. On 17 hr test swabbed 153.8 BNO, 1-1/2% water and 11.9% emulsion. On 7 hr flow

(continued on back)

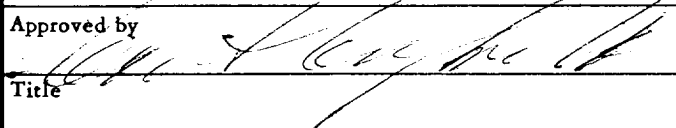
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|--------------------------------------|-----------------------------------|---|
| Witnessed by R. M. Woosley | Position Drlg. Engineer | Company The Atlantic Refining Company |
|--------------------------------------|-----------------------------------|---|

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 M. L. Mills | Position Regional Drilling Manager | |
| Title | Company The Atlantic Refining Company | | |
| Date | | | |

test ending at 4 PM 2-20-59 on 24/64" choke flowed 44 BNO, 1% water, 1.2% BS. SI McKee zone.

On 2-20-59 swabbed Ellenburger perfs 8120'-60' down to 4000'. Well started flowing at 12:30 PM 2-20-59 and in 2 hrs on 3/4" choke flowed 5 BC with FTP 75#. Acidized with 1000 gals of acid. Formation broke down 2900# to 800#. Avg injection rate 2-1/2 BPM. Opened well at 5:15 PM 2-20-59 and in 2 hrs flowed 63 BLO and 24 BAW. On 12 hr flow test recovered 260 BNO, no wtr on 16/64" choke with 1100# FTP and 1500 MCFGPD. Shut in Ellenburger at 7:15 AM 2-21-59. Turned well to Production Dept. at 8 AM 2-21-59 for further testing and final reports.