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# NEW MEXICO OIL CONSERVATION COMMISSION

FORM C-103

(Rev 3-55)

## MISCELLANEOUS REPORTS ON WELLS

(Submit to appropriate District Office as per Commission Order 11105) 11/10/63 AM '63

|  |  |   |                  |   |                 |               |  |
|--|--|---|------------------|---|-----------------|---------------|--|
| Name of Company<br><del>Socony</del> Mobil Oil Company, Inc. |  |   |                  | Address<br>Box 1800, Hobbs, New Mexico    |                 |               |  |
| Lease<br>Santa Fe Pacific                                    |  | Well No.<br>2                                       | Unit Letter<br>C | Section<br>26                             | Township<br>9 S | Range<br>36 E |  |
| Date Work Performed<br>11/6 thru 12/13/63                    |  | Pool<br>Crossroads Devonian                         |                  |   | County<br>Lea   |               |  |
| THIS IS A REPORT OF: (Check appropriate block)               |  |   |                  |   |                 |               |  |
| <input type="checkbox"/> Beginning Drilling Operations       |  | <input type="checkbox"/> Casing Test and Cement Job |                  | <input type="checkbox"/> Other (Explain): |                 |               |  |
| <input type="checkbox"/> Plugging                            |  | <input checked="" type="checkbox"/> Remedial Work   |                  |   |                 |               |  |

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

Moved in & rigged up Expert Well Service Unit. Pulled 2 3/8" tbg. Attempted to run GR collar log, tool stopped @ 11,900'. Ran basket w/gauge ring to 12,170'. Ran GR-N log 11,200-12,169'. Set Model "D" Pkr. @ 12,167'. Perf. 5 1/2" liner 12,140-12,160' w/1 JSPP. Set DR plug in pkr. @ 12,167'. Ran 2" tbg. to 12,158' w/pkr. @ 12,096'. Dowell Acidized perfs. 12,140-12,160' w/1000 gals, communicated to csg. @ 3800#. Pulled 2" tbg., found split joint above pkr. Re-ran tbg. to 12,153' w/pkr. @ 12,064'. Dowell acidized perfs. 12,140-12,160' w/1000 gals 20% NE Acid. Break down pr. 5400#, treating pr. 3000#, rate 3.75 BPM. ISIP 650#. Swab 24 BAW + 30 BLO + 124 BNO in 6 hrs. Shut in 14 hrs. TP 320#. Swab & flowed 97 BNO in 4 hrs. Ran BHP bomb. Shut in 48 hrs. Flowed 1,378 BNO + 134 BSW in 141 hrs. Killed well. Pulled tbg. & pkr. Ran 2" tbg. to 12,147' w/pkr. @ 12,058'. From Perfs. 12,140-12,160' flowed 381 BNO + 10 BSW in 48 hrs. On NMOCC potential test flowed 274 BNO + 49 BSW in 24 hrs. 20/64" ch. TP 55#. GOR TSTM.

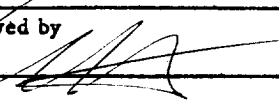
|                                |                              |   |
|--------------------------------|------------------------------|---|
| Witnessed by<br>Earl D. Hughes | Position<br>Drilling Foreman | Company<br>Socony Mobil Oil Company, Inc. |
|--------------------------------|------------------------------|---|

### FILL IN BELOW FOR REMEDIAL WORK REPORTS ONLY

|  |                         |                               |                                      |                           |  |
|--|-------------------------|-------------------------------|--------------------------------------|---------------------------|--|
| ORIGINAL WELL DATA                     |                         |                               |                                      |                           |  |
| D F Elev.<br>4023'                     | T D<br>12,183'          | P B T D<br>-                  | Producing Interval<br>12,174-12,183' | Completion Date<br>9/2/54 |  |
| Tubing Diameter<br>2"                  | Tubing Depth<br>12,180' | Oil String Diameter<br>5 1/2" | Oil String Depth<br>12,174'          |                           |  |
| Perforated Interval(s)<br>-            |                         |                               |                                      |                           |  |
| Open Hole Interval<br>12,174 - 12,183' |                         |                               | Producing Formation(s)<br>Devonian   |                           |  |

### 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 | 10/4/63      | 150                | TSTM                 | 30                   | TSTM               | -                        |
| After Workover  | 12/13/63     | 274                | TSTM                 | 49                   | TSTM               | -                        |

|  |  |   |  |
|--|--|---|--|
| OIL CONSERVATION COMMISSION  |  | I hereby certify that the information given above is true and complete to the best of my knowledge. |  |
| Approved by<br> |  | Name<br>J. J. McDaniel  |  |
| Title<br>Group Supervisor  |  | Position<br>Group Supervisor  |  |
| Date   |  | Company<br>Socony Mobil Oil Company, Inc.   |  |