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**NEW MEXICO OIL CONSERVATION COMMISSION  
WELL COMPLETION OR RECOMPLETION REPORT AND LOG**

Form C-105  
Revised 11-1-78

|                                                                                                                                                                                                                                                  |                           |                                                                                       |                                      |                                                |                        |                                                                                                      |                 |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|---------------------------------------------------------------------------------------|--------------------------------------|------------------------------------------------|------------------------|------------------------------------------------------------------------------------------------------|-----------------|
| 1a. TYPE OF WELL<br>OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> DRY <input type="checkbox"/> OTHER <input type="checkbox"/>                                                                                   |                           |                                                                                       |                                      |                                                |                        | 5a. Indicate Type of Lease<br>State <input checked="" type="checkbox"/> Fee <input type="checkbox"/> |                 |
| b. TYPE OF COMPLETION<br>NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. RESVR. <input type="checkbox"/> OTHER <input type="checkbox"/> |                           |                                                                                       |                                      |                                                |                        | 5. State Oil & Gas Lease No.<br><b>L-4920</b>                                                        |                 |
| 2. Name of Operator<br><b>Amoco Production Company</b>                                                                                                                                                                                           |                           |                                                                                       |                                      |                                                |                        | 7. Unit Agreement Name                                                                               |                 |
| 3. Address of Operator<br><b>P. O. Box 68, Hobbs, NM 88240</b>                                                                                                                                                                                   |                           |                                                                                       |                                      |                                                |                        | 8. Form or Lease Name<br><b>State JA</b>                                                             |                 |
| 4. Location of Well<br>UNIT LETTER <b>F</b> LOCATED <b>1980</b> FEET FROM THE <b>North</b> LINE AND <b>1980</b> FEET FROM THE <b>West</b> LINE OF SEC. <b>36</b> TWP. <b>8-S</b> RGE. <b>29-E</b> NMPM                                           |                           |                                                                                       |                                      |                                                |                        | 9. Well No.<br><b>1</b>                                                                              |                 |
| 15. Date Spudded<br><b>10-17-80</b>                                                                                                                                                                                                              |                           |                                                                                       |                                      |                                                |                        | 16. Date T.D. Reached<br><b>6-25-81</b>                                                              |                 |
| 17. Date Compl. (Ready to Prod.)<br><b>7-26-81</b>                                                                                                                                                                                               |                           |                                                                                       |                                      |                                                |                        | 18. Elevations (DF, RKB, RT, GR, etc.)<br><b>4070.4 GL</b>                                           |                 |
| 20. Total Depth<br><b>9300</b>                                                                                                                                                                                                                   |                           |                                                                                       |                                      |                                                |                        | 21. Plug Back T.D.<br><b>9280</b>                                                                    |                 |
| 22. If Multiple Compl., How Many<br><b>None</b>                                                                                                                                                                                                  |                           |                                                                                       |                                      |                                                |                        | 23. Intervals Drilled By<br><b>Rotary Tools</b>                                                      |                 |
| 24. Producing Interval(s), of this completion - Top, Bottom, Name<br><b>8442'-8476' Strawn</b>                                                                                                                                                   |                           |                                                                                       |                                      |                                                |                        | 25. Was Directional Survey Made<br><b>No</b>                                                         |                 |
| 26. Type Electric and Other Logs Run<br><b>Dual Laterolog Micro SFL, Compensated Neutron Log</b>                                                                                                                                                 |                           |                                                                                       |                                      |                                                |                        | 27. Was Well Cored<br><b>No</b>                                                                      |                 |
| 28. CASING RECORD (Report all strings set in well)                                                                                                                                                                                               |                           |                                                                                       |                                      |                                                |                        |                                                                                                      |                 |
| CASING SIZE                                                                                                                                                                                                                                      | WEIGHT LB./FT.            | DEPTH SET                                                                             | HOLE SIZE                            | CEMENTING RECORD                               |                        | AMOUNT PULLED                                                                                        |                 |
| 13-3/8"                                                                                                                                                                                                                                          | 48#                       | 315'                                                                                  | 16"                                  | 400 SX Class C with additives                  |                        | Circ.                                                                                                |                 |
| 9-5/8"                                                                                                                                                                                                                                           | 36#                       | 2593                                                                                  | 12-1/4"                              | 1750 SX Lite, 200 SX Class C                   |                        | 543 SX                                                                                               |                 |
| 5-1/2"                                                                                                                                                                                                                                           | 17#, 15-1/2#              | 9300                                                                                  | 8-3/4"                               | 2400 SX Lite, 400 SX Class H                   |                        | Circ.                                                                                                |                 |
| 29. LINER RECORD                                                                                                                                                                                                                                 |                           |                                                                                       |                                      | 30. TUBING RECORD                              |                        |                                                                                                      |                 |
| SIZE                                                                                                                                                                                                                                             | TOP                       | BOTTOM                                                                                | SACKS CEMENT                         | SCREEN                                         | SIZE                   | DEPTH SET                                                                                            | PACKER SET      |
|                                                                                                                                                                                                                                                  |                           |                                                                                       |                                      |                                                | 2-3/8"                 | 8490                                                                                                 | 8370            |
| 31. Perforation Record (Interval, size and number)<br><b>8442'-8476' w/4 DPJSPF</b>                                                                                                                                                              |                           |                                                                                       |                                      | 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. |                        |                                                                                                      |                 |
|                                                                                                                                                                                                                                                  |                           |                                                                                       |                                      | DEPTH INTERVAL                                 |                        |                                                                                                      |                 |
|                                                                                                                                                                                                                                                  |                           |                                                                                       |                                      | AMOUNT AND KIND MATERIAL USED                  |                        |                                                                                                      |                 |
|                                                                                                                                                                                                                                                  |                           |                                                                                       |                                      |                                                |                        |                                                                                                      |                 |
|                                                                                                                                                                                                                                                  |                           |                                                                                       |                                      |                                                |                        |                                                                                                      |                 |
| 33. PRODUCTION                                                                                                                                                                                                                                   |                           |                                                                                       |                                      |                                                |                        |                                                                                                      |                 |
| Date First Production<br><b>7-27-81</b>                                                                                                                                                                                                          |                           | Production Method (Flowing, gas lift, pumping - Size and type pump)<br><b>Flowing</b> |                                      |                                                |                        | Well Status (Prod. or Shut-in)<br><b>Shut-in</b>                                                     |                 |
| Date of Test<br><b>7-27-81</b>                                                                                                                                                                                                                   | Hours Tested<br><b>24</b> | Choke Size<br><b>15/64"</b>                                                           | Prod'n. For Test Period<br><b>25</b> | Oil - Bbl.<br><b>1119</b>                      | Gas - MCF<br><b>18</b> | Water - Bbl.<br><b>44760</b>                                                                         | Gas - Oil Ratio |
| Flow Tubing Press.<br><b>550#</b>                                                                                                                                                                                                                | Casing Pressure           | Calculated 24-Hour Rate<br><b>25</b>                                                  | Oil - Bbl.<br><b>1119</b>            | Gas - MCF<br><b>18</b>                         | Water - Bbl.           | Oil Gravity - API (Corr.)                                                                            |                 |
| 34. Disposition of Gas (Sold, used for fuel, vented, etc.)<br><b>To be sold</b>                                                                                                                                                                  |                           |                                                                                       |                                      |                                                |                        | Test Witnessed By<br><b>P. J. ...</b>                                                                |                 |
| 35. List of Attachments<br><b>Logs mailed 7-10-81</b>                                                                                                                                                                                            |                           |                                                                                       |                                      |                                                |                        |                                                                                                      |                 |
| 36. I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief.                                                                                                          |                           |                                                                                       |                                      |                                                |                        |                                                                                                      |                 |
| SIGNED <b>Mark Randolph</b>                                                                                                                                                                                                                      |                           |                                                                                       |                                      | TITLE <b>Assist. Admin. Analyst</b>            |                        | DATE <b>8-10-81</b>                                                                                  |                 |
| 0+4-NMOCD, A                                                                                                                                                                                                                                     |                           | 1-Hou                                                                                 |                                      | 1-Susp                                         |                        | 1-W. Stafford, Hou                                                                                   |                 |
|                                                                                                                                                                                                                                                  |                           |                                                                                       |                                      |                                                |                        | 1-MDR                                                                                                |                 |

# INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Commission not later than \_\_\_\_\_ days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, Items 30 through 34 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1105.

## INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

### Southeastern New Mexico

### Northwestern New Mexico

|                          |                        |      |                             |                         |
|--------------------------|------------------------|------|-----------------------------|-------------------------|
| T. Anhy _____            | T. Canyon _____        | 7555 | T. Ojo Alamo _____          | T. Penn. "B" _____      |
| T. Salt _____            | T. Strawn _____        | 8060 | T. Kirtland-Fruitland _____ | T. Penn. "C" _____      |
| B. Salt _____            | T. Atoka _____         | 8440 | T. Pictured Cliffs _____    | T. Penn. "D" _____      |
| T. Yates _____           | T. Miss _____          | 8550 | T. Cliff House _____        | T. Leadville _____      |
| T. 7 Rivers _____        | T. Devonian _____      |      | T. Menefee _____            | T. Madison _____        |
| T. Queen _____           | T. Silurian _____      |      | T. Point Lookout _____      | T. Elbert _____         |
| T. Grayburg _____        | T. Montoya _____       |      | T. Mancos _____             | T. McCracken _____      |
| T. San Andres _____      | T. Simpson _____       | 2500 | T. Gallup _____             | T. Ignacio Qtzite _____ |
| T. Glorieta _____        | T. McKee _____         | 3720 | Base Greenhorn _____        | T. Granite _____        |
| T. Paddock _____         | T. Ellenburger _____   |      | T. Dakota _____             | T. _____                |
| T. Blinberry _____       | T. Gr. Wash _____      |      | T. Morrison _____           | T. _____                |
| T. Tubb _____            | T. Granite _____       | 5285 | T. Todilto _____            | T. _____                |
| T. Drinkard _____        | T. Delaware Sand _____ | 5440 | T. Entrada _____            | T. _____                |
| T. Abo _____             | T. Bone Springs _____  | 6130 | T. Wingate _____            | T. _____                |
| T. Wolfcamp _____        | T. Yeso _____          | 6840 | T. Chinle _____             | T. _____                |
| T. Penn. _____           | T. Hueco L.S. _____    | 6970 | T. Permian _____            | T. _____                |
| T. Cisco (Bough C) _____ | T. Fusselman _____     | 9080 | T. Penn. "A" _____          | T. _____                |

### OIL OR GAS SANDS OR ZONES

|                   |          |                   |          |                   |          |
|-------------------|----------|-------------------|----------|-------------------|----------|
| No. 1, from _____ | 8442'    | to _____          | 8476'    | No. 4, from _____ | to _____ |
| No. 2, from _____ | to _____ | No. 5, from _____ | to _____ |                   |          |
| No. 3, from _____ | to _____ | No. 6, from _____ | to _____ |                   |          |

### IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

|                   |          |          |       |
|-------------------|----------|----------|-------|
| No. 1, from _____ | None     | to _____ | feet. |
| No. 2, from _____ | to _____ | feet.    |       |
| No. 3, from _____ | to _____ | feet.    |       |
| No. 4, from _____ | to _____ | feet.    |       |

### FORMATION RECORD (Attach additional sheets if necessary)

| From | To    | Thickness<br>in Feet | Formation           | From | To | Thickness<br>in Feet | Formation |
|------|-------|----------------------|---------------------|------|----|----------------------|-----------|
| 0'   | 1814' | 1814                 | Red bed, anhydrite  |      |    |                      |           |
| 1814 | 3410  | 1596                 | Anhy.               |      |    |                      |           |
| 3410 | 6081  | 2671                 | Lime & dolomite     |      |    |                      |           |
| 6081 | 6642  | 561                  | Shale               |      |    |                      |           |
| 6642 | 6695  | 53                   | Shale & dolomite    |      |    |                      |           |
| 6695 | 6973  | 278                  | Shale               |      |    |                      |           |
| 6973 | 8545  | 1572                 | Shale, dolomite     |      |    |                      |           |
| 8545 | 9300  | 755                  | Dolo., chert, shale |      |    |                      |           |