

|                        |  |
|------------------------|--|
| NO. OF COPIES RECEIVED |  |
| DISTRIBUTION           |  |
| SANTA FE               |  |
| FILE                   |  |
| U.S.G.S.               |  |
| LAND OFFICE            |  |
| OPERATOR               |  |

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

Form C-105  
Revised 11-1-84

|                                                                                                                                                                                                                                                                                                                                                                                                   |                        |                                                                                                                 |                                |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|-----------------------------------------------------------------------------------------------------------------|--------------------------------|
| 10. TYPE OF WELL                                                                                                                                                                                                                                                                                                                                                                                  |                        | 50. 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"/><br>OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> OTHER <input type="checkbox"/><br>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>A-1646-5</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. Farm or Lease Name<br><b>South Hobbs (GSA) Unit</b>                                                          |                                |
| 4. Location of Well<br><b>SL/BHL</b><br>UNIT LETTER <b>A</b> LOCATED <b>1010/924</b> FEET FROM THE <b>North</b> LINE AND <b>820/938</b> FEET FROM THE <b>East</b> LINE OF SEC. <b>6</b> TWP. <b>19-S</b> RGE. <b>38-E</b>                                                                                                                                                                         |                        | 9. Well No.<br><b>175</b>                                                                                       |                                |
| 15. Date Spudded<br><b>11-15-84</b>                                                                                                                                                                                                                                                                                                                                                               |                        | 10. Field and Pool, or Locat<br><b>Hobbs GSA</b>                                                                |                                |
| 16. Date T.D. Reached<br><b>12-4-84</b>                                                                                                                                                                                                                                                                                                                                                           |                        | 11. County<br><b>Lea</b>                                                                                        |                                |
| 17. Date Compl. (Ready to Prod.)<br><b>12-26-84</b>                                                                                                                                                                                                                                                                                                                                               |                        | 12. Elevations (IF, RAB, RT, GR, etc.)<br><b>3625.3' GR</b>                                                     |                                |
| 18. Total Depth<br><b>4319'</b>                                                                                                                                                                                                                                                                                                                                                                   |                        | 19. Elev. Casinghead                                                                                            |                                |
| 20. Plug Back T.D.<br><b>4310'</b>                                                                                                                                                                                                                                                                                                                                                                |                        | 21. Intervals Drilled By: Rotary Tools <input checked="" type="checkbox"/> Cable Tools <input type="checkbox"/> |                                |
| 22. If Multiple Compl., how Many                                                                                                                                                                                                                                                                                                                                                                  |                        | 23. Was Directional Survey Made<br><b>Yes</b>                                                                   |                                |
| 24. Producing interval(s), of this completion - Top, Bottom, Name<br><b>4213 - 4274' W/4JSPF San Andres</b>                                                                                                                                                                                                                                                                                       |                        | 25. Was Well Cored<br><b>No</b>                                                                                 |                                |
| 26. Type Electric and Other Logs Run<br><b>DLG/MSFL, CNL/LDT, Computer Processed Log</b>                                                                                                                                                                                                                                                                                                          |                        |                                                                                                                 |                                |
| 28. CASING RECORD (Report all strings set in well)                                                                                                                                                                                                                                                                                                                                                |                        |                                                                                                                 |                                |
| CASING SIZE                                                                                                                                                                                                                                                                                                                                                                                       | WEIGHT LB./FT.         | DEPTH SET                                                                                                       | HOLE SIZE                      |
| <b>14"</b>                                                                                                                                                                                                                                                                                                                                                                                        |                        | <b>40'</b>                                                                                                      | <b>26"</b>                     |
| <b>8 5/8"</b>                                                                                                                                                                                                                                                                                                                                                                                     | <b>24#</b>             | <b>1555'</b>                                                                                                    | <b>12 1/4"</b>                 |
| <b>5 1/2"</b>                                                                                                                                                                                                                                                                                                                                                                                     | <b>15.5#</b>           | <b>4319'</b>                                                                                                    | <b>7 7/8"</b>                  |
| CEMENTING RECORD                                                                                                                                                                                                                                                                                                                                                                                  |                        | AMOUNT PULLED                                                                                                   |                                |
| <b>5 yds redi-mix</b>                                                                                                                                                                                                                                                                                                                                                                             |                        |                                                                                                                 |                                |
| <b>875 lbs class C</b>                                                                                                                                                                                                                                                                                                                                                                            |                        | <b>153 lbs</b>                                                                                                  |                                |
| <b>850 lbs "A" self stress I</b>                                                                                                                                                                                                                                                                                                                                                                  |                        | <b>6 lbs</b>                                                                                                    |                                |
| 29. LINER RECORD                                                                                                                                                                                                                                                                                                                                                                                  |                        |                                                                                                                 |                                |
| SIZE                                                                                                                                                                                                                                                                                                                                                                                              | TOP                    | BOTTOM                                                                                                          | SACKS CEMENT                   |
|                                                                                                                                                                                                                                                                                                                                                                                                   |                        |                                                                                                                 |                                |
| 30. TUBING RECORD                                                                                                                                                                                                                                                                                                                                                                                 |                        | PACKER SET                                                                                                      |                                |
| SIZE                                                                                                                                                                                                                                                                                                                                                                                              | DEPTH SET              |                                                                                                                 |                                |
| <b>2 7/8"</b>                                                                                                                                                                                                                                                                                                                                                                                     | <b>4364'</b>           |                                                                                                                 |                                |
| 31. Perforation Record (Interval, size and number)<br><b>4213 - 4274 Non-continuous .38" W/SPF</b>                                                                                                                                                                                                                                                                                                |                        |                                                                                                                 |                                |
| 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.                                                                                                                                                                                                                                                                                                                                                    |                        |                                                                                                                 |                                |
| DEPTH INTERVAL                                                                                                                                                                                                                                                                                                                                                                                    |                        | AMOUNT AND KIND MATERIAL USED                                                                                   |                                |
| <b>4274 - 4213'</b>                                                                                                                                                                                                                                                                                                                                                                               |                        | <b>1650 gals 15% HCl acid</b>                                                                                   |                                |
| <b>4180 - 4274</b>                                                                                                                                                                                                                                                                                                                                                                                |                        | <b>2500 gals 15% HCl acid</b>                                                                                   |                                |
| 33. PRODUCTION                                                                                                                                                                                                                                                                                                                                                                                    |                        |                                                                                                                 |                                |
| Date First Production<br><b>12-20-84</b>                                                                                                                                                                                                                                                                                                                                                          |                        | Production Method (Flowing, gas lift, pumping - size and type pump)<br><b>Pumping</b>                           |                                |
| Date of Test<br><b>12-26-84</b>                                                                                                                                                                                                                                                                                                                                                                   |                        | Well Status (Prod. or Shut-in)<br><b>Producing</b>                                                              |                                |
| Hours Tested<br><b>24</b>                                                                                                                                                                                                                                                                                                                                                                         | Choke Size<br><b>8</b> | Oil - Bbl.<br><b>3</b>                                                                                          | Gas - MCF<br><b>107</b>        |
| Flow Tubing Press.                                                                                                                                                                                                                                                                                                                                                                                | Casing Pressure        | Water - Bbl.<br><b>375</b>                                                                                      | Gas - Oil Ratio<br><b>3.75</b> |
| Calculated 24-Hour Rate                                                                                                                                                                                                                                                                                                                                                                           | Oil - Bbl.             | Gas - MCF                                                                                                       | Water - Bbl.                   |
|                                                                                                                                                                                                                                                                                                                                                                                                   |                        |                                                                                                                 |                                |
| 24. Disposition of Gas (Sold, used for fuel, vented, etc.)<br><b>Sold</b>                                                                                                                                                                                                                                                                                                                         |                        |                                                                                                                 | Test Witnessed By              |
| 25. List of Attachments<br><b>None Logs mailed 12-11, 22-84</b>                                                                                                                                                                                                                                                                                                                                   |                        |                                                                                                                 |                                |
| 26. 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>Nancy C. Clark</b>                                                                                                                                                                                                                                                                                                                                                                      |                        | TITLE <b>Asst. Admin. Analyst</b>                                                                               |                                |
|                                                                                                                                                                                                                                                                                                                                                                                                   |                        | DATE <b>12-28-84</b>                                                                                            |                                |

075 NMOC, H 1-JRB 1-EJN 1-GCC 1-TEXACO 1-Sun 1-Shell 1-PL 2-ANR

# INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Commission not later than 30 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radioactivity 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 triplicate 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 <u>1540</u>       | T. Canyon _____        | T. Ojo Alamo _____          | T. Penn. "B" _____      |
| T. Salt <u>1642</u>       | T. Strawn _____        | T. Kirtland-Fruitland _____ | T. Penn. "C" _____      |
| D. Salt _____             | T. Atoka _____         | T. Pictured Cliffs _____    | T. Penn. "D" _____      |
| T. Yates <u>2691</u>      | T. Miss _____          | T. Cliff House _____        | T. Leadville _____      |
| T. 7 Rivers <u>2914</u>   | T. Devonian _____      | T. Menefee _____            | T. Madison _____        |
| T. Queen <u>3418</u>      | T. Silurian _____      | T. Point Lookout _____      | T. Elbert _____         |
| T. Grayburg <u>3958</u>   | T. Montoya _____       | T. Mancos _____             | T. McCracken _____      |
| T. San Andres <u>4086</u> | T. Simpson _____       | T. Gallup _____             | T. Ignacio Qtzite _____ |
| T. Glorieta _____         | T. McKee _____         | Base Greenhorn _____        | T. Granite _____        |
| T. Paddock _____          | T. Ellenburger _____   | T. Dakota _____             | T. _____                |
| T. Blinberry _____        | T. Gr. Wash _____      | T. Morrison _____           | T. _____                |
| T. Tubb _____             | T. Granite _____       | T. Todilto _____            | T. _____                |
| T. Drinkard _____         | T. Delaware Sand _____ | T. Entrada _____            | T. _____                |
| T. Abo _____              | T. Bone Springs _____  | T. Wingate _____            | T. _____                |
| T. Wolfcamp _____         | T. _____               | T. Chinle _____             | T. _____                |
| T. Penn. _____            | T. _____               | T. Permian _____            | T. _____                |
| T. Cisco (Rough C) _____  | T. _____               | T. Penn. "A" _____          | T. _____                |

### OIL OR GAS SANDS OR ZONES

|                            |                            |
|----------------------------|----------------------------|
| No. 1, from _____ to _____ | 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 _____ 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 in Feet | Formation           | From | To | Thickness in Feet | Formation |
|------|------|-------------------|---------------------|------|----|-------------------|-----------|
| 0    | 1555 | 1555              | Surf rock + red bed |      |    |                   |           |
| 1555 | 1795 | 240               | Anhy                |      |    |                   |           |
| 1795 | 2815 | 1020              | Anhy & Salt         |      |    |                   |           |
| 2815 | 3080 | 265               | Lime & shale        |      |    |                   |           |
| 3080 | 4160 | 1080              | Sand & shale        |      |    |                   |           |
| 4160 | 4319 | 159               | Lime & sand & anhy  |      |    |                   |           |

RECEIVED  
JAN -2 1985  
O.C.D.  
HOBBS OFFICE