

|                        |  |
|------------------------|--|
| 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 11-1-83

5a. Indicate Type of Lease  
State ☒ Fee ☐

5. State Oil & Gas Lease No.  
**B-11078**

10. TYPE OF WELL

b. TYPE OF COMPLETION  
OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER ☐  
NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ OTHER ☐

2. Name of Operator  
**Amoco Production Company**

3. Address of Operator  
**P.O. Box 68, Hobbs NM 88240**

4. Location of Well  
UNIT LETTER **A** LOCATED **1320** FEET FROM THE **North** LINE AND **660** FEET FROM THE **East** LINE OF SEC. **3** TWP. **16-S** RGE. **32-E**

15. Date Spudded **6-23-84** 16. Date T.D. Reached **7-29-84** 17. Date Compl. (Ready to Prod.) **6-15-84** 18. Elevations (D.F., R&B, RT, GR, etc.) **4318.3' GR**

20. Total Depth **10800'** 21. Plug Back T.D. **9949'** 22. If Multiple Compl., how Many **1** 23. Intervals Drilled By Rotary Tools **0-TD** Cable Tools **None**

24. Producing interval(s), of this completion - Top, Bottom, Name  
**9910 - 9958 North Anderson Ranch Wolfcamp**

26. Type Electric and Other Logs Run  
**DLL - GR, Compensated Density Compensated Neutron**

27. Was Well Cored  
**No**

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 #           | 420'      | 17.5"     | 400' c' w/add                | 100 BX        |
| 8 5/8"      | 32 #           | 4138'     | 11"       | 1405' c' w/add, 400' c' neat | 277 BX        |
| 5 1/2"      | 17 #, 15.5 #   | 10800'    | 7 7/8"    | 1150' H' w/add, 700' H' neat | 50 BX         |

29. LINER RECORD

| SIZE | TOP | BOTTOM | SACKS CEMENT | SCREEN |
|------|-----|--------|--------------|--------|
|      |     |        |              |        |

30. TUBING RECORD

| SIZE  | DEPTH SET | PACKER SET |
|-------|-----------|------------|
| 2 7/8 | 9845      |            |

31. Perforation Record (Interval, size and number)  
**10450 - 10470 W/4SPF (CIBP at 10400')**  
**9910 - 9980 W/4SPF (BB)**  
**9910 - 9926 W/4SPF**  
**9952 - 9958 W/4SPF**

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

| DEPTH INTERVAL | AMOUNT AND KIND MATERIAL USED |
|----------------|-------------------------------|
| 10450 - 10470  | 3000 gals 15% NEFE HCL        |
| 9910 - 9980    | 7000 gals 15% NEFE HCL        |
| 9910 - 9980    | 200 BX class H                |

33. PRODUCTION  
Date First Production **8-17-84** Production Method (Flowing, gas lift, pumping - size and type pump) **Pumping** Well Status (Prod. or Shut-in) **Producing**

Date of Test **10-15-84** Hours Tested **24** Choke Size **102** Flow Tubing Press. **70** Casing Pressure **241** Calculated 24-Hour Rate **102** Oil - Bbl. **70** Gas - MCF **241** Water - Bbl. **686.27** Oil Gravity - API (Corr.)

34. Disposition of Gas (Sold, used for fuel, vented, etc.) **To be sold** Test Witnessed By

35. List of Attachments  
**Logs mailed 8-28-84. Deviation survey attached**

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 **Gary C. Clark** TITLE **Asst. Admin. Analyst** DATE **10-17-84**

0+5 NMCD, H-1-J.R. Barnett, Hon Rm 21.156 1-F.J. Nash, Hon Rm 4.206 1-GCC 1-Gulf, Mich

# 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 _____            | T. Canyon <u>10682</u> | T. Ojo Alamo _____          | T. Penn. "B" _____      |
| T. Salt _____            | T. Strawn _____        | T. Kirtland-Fruitland _____ | T. Penn. "C" _____      |
| B. Salt _____            | T. Atoka _____         | T. Pictured Cliffs _____    | T. Penn. "D" _____      |
| T. Yates _____           | T. Miss _____          | 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 _____       | 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 <u>8990</u>  | T. _____               | T. Chinle _____             | T. _____                |
| T. Penn. <u>10012</u>    | T. _____               | T. Permian _____            | T. _____                |
| T. Cisco (Bough 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<br>in Feet | Formation      | From | To | Thickness<br>in Feet | Formation |
|-------|-------|----------------------|----------------|------|----|----------------------|-----------|
| 0     | 2230  | 2230                 | Rgd Bed        |      |    |                      |           |
| 2230  | 4033  | 1803                 | Lime + Dolo    |      |    |                      |           |
| 4033  | 8210  | 4177                 | Lime           |      |    |                      |           |
| 8210  | 10358 | 2148                 | Lime and Shale |      |    |                      |           |
| 10358 | TD    | 442                  | Lime           |      |    |                      |           |

OCT 17 1961



**LTR**



**Job separation sheet**

STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION  
P. O. BOX 2088  
SANTA FE, NEW MEXICO 87501

Form O-103  
Revised 12-1-77

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

10. Indicate Type of Lease  
State ☒ Fee ☐  
3. State Oil & Gas Lease No.  
**B-11078**

SUNDRY NOTICES AND REPORTS ON WELLS  
DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG A WELL TO A DIFFERENT RESERVOIR.  
USE APPLICATION FOR PERMIT TO DRILL OR TO DEEPEN FOR SUCH PROPOSALS.

1. ☒ OIL WELL ☐ GAS WELL ☐ OTHER

2. Name of Operator  
**Amoco Production Company**

3. Address of Operator  
**P.O. Box 68, Hobbs, NM 88240**

4. Location of Well  
UNIT LETTER **A** **1320** FEET FROM THE **North** LINE AND **660** FEET FROM  
THE **East** LINE, SECTION **3** TOWNSHIP **16-S** RANGE **32-E** N.M.P.M.

10. Field and Pool, or Allotment  
**North Anderson Ranch Wellcom**

11. Elevation (Show whether DF, RT, GR, etc.)  
**4318.3' GR**

12. County  
**Lea**

16. Check Appropriate Box To Indicate Nature of Notice, Report or Other Data  
NOTICE OF INTENTION TO: SUBSEQUENT REPORT OF:

|                                                |                                           |                                                      |                                               |
|------------------------------------------------|-------------------------------------------|------------------------------------------------------|-----------------------------------------------|
| PERFORM REMEDIAL WORK <input type="checkbox"/> | PLUG AND ABANDON <input type="checkbox"/> | REMEDIAL WORK <input checked="" type="checkbox"/>    | ALTERING CASING <input type="checkbox"/>      |
| TEMPORARILY ABANDON <input type="checkbox"/>   | CHANGE PLANS <input type="checkbox"/>     | COMMENCE DRILLING OPNS. <input type="checkbox"/>     | PLUG AND ABANDONMENT <input type="checkbox"/> |
| PULL OR ALTER CASING <input type="checkbox"/>  | OTHER <input type="checkbox"/>            | CASING TEST AND CEMENT JOBS <input type="checkbox"/> |                                               |

17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

MISU 8-30-84 and POH with tbg and pkr. RIH with cmb retainer, set at 9815' and tested tbg to 4000 psi, tested casing to 500 psi, OK. Squeezed 9910-9980' with 200 sacks Class H w/additives. Reversed out 29 sacks and POH. Drilled and cleaned out to 9949, tested squeeze to 1000 psi, tested OK. POH with tbg, drill collars, and bit. Perforated 9910-26' w/45PF using a 3 1/8" csg. gun. Ran tbg, pkr, and seating nipple. Pkr set at 9715' and tailpipe landed at 9814'. Ran swab and recovered 56 BW. Recovered 0 BW last 2 hrs. Ran base log, ran tbg and tail pipe landed at 9947, and spotted

0-5 NMOGD, H 1-J.R. Barnett, Hou Rm 21.156 1-F.J. Nash, Hou Rm 4206 1-GCC 1-Gulf, Mid.  
1-Gulf, Hobbs

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

Signed Mary C. Clark TITLE Asst. Admin. Analyst DATE 9-25-84

ORIGINAL SIGNED BY JERRY SEKTON  
DISTRICT I SUPERVISOR

SEP 27 1984

CONDITIONS OF APPROVAL TITLE DATE

2 bbls 15% NEFE HCl acid w/add. Pulled tbg and pkr set at 9715' and tailpipe landed at 9814'. Acidized 9910'-9926' with 416 gals of 15% NEFE HCl w/additives. Tagged acid with RA material and ran after job tracer log. Swabbed, last 3 runs recovered 12 BO and 7 BW.

Released pkr and pulled tbg. Perfed 9552'-9558' w/4SPF using a 3 1/8" csg. gun. RIH with RBP, retrieving tool, pkr, and tbg. RBP set at 9650', pkr set at 9620'. Tested RBP to 1000 psi, tested OK. Released pkr. and pulled tbg, pkr set at 9445'. Swabbed and recovered 43 BLW, 0 bbls recovered last 2 hrs. Ran GR/Temp survey from 9650'-9350'.

Spotted 1000 gals acid (9552'-9558') to pkr, closed by-pass and flushed with 58 BW. Ran after acid GR/Temp survey. POH with tbg, RBP, and pkr. RIH with 3 1/2" mother hubbard, 2 7/8" seating nipple, tbg anchor, and 2 7/8" tbg. Seating nipple landed at 9845'. Ran rods and pump, tested pump to 300 psi, OK. Installed production equipment and began pump testing 9-16-84. Currently pump testing.

RECEIVED

SEP 26 1984

NO. 10 OFFICE