

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE\*

(See other instructions on reverse side)

Form approved,  
Budget Bureau No. 42-R355.6.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG\*

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ DRY ☐ Other \_\_\_\_\_

b. TYPE OF COMPLETION:

NEW WELL ☐ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other \_\_\_\_\_

2. NAME OF OPERATOR

AMOCO PRODUCTION COMPANY

3. ADDRESS OF OPERATOR

501 Airport Drive Farmington, NM 87401

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)\*

At surface

790' FSL x 1480' FEL, Section 26, T-32-N, R-14-W

At top prod. interval reported below

Same

At total depth

Same

14. PERMIT NO.

DATE ISSUED

15. DATE SPUDDED

16. DATE T.D. REACHED

17. DATE COMPL. (Ready to prod.)

18. ELEVATIONS (DF, RKB, RT, GR, ETC.)\*

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD

21. PLUG, BACK T.D., MD & TVD

22. IF MULTIPLE COMPL., HOW MANY\*

23. INTERVALS DRILLED BY

ROTARY TOOLS

CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)\*

25. WAS DIRECTIONAL SURVEY MADE

26. TYPE ELECTRIC AND OTHER LOGS RUN

27. WAS WELL CORED

28. CASING RECORD (Report all strings set in well)

| CASING SIZE | WEIGHT, LB./FT. | DEPTH SET (MD) | HOLE SIZE | CEMENTING RECORD | AMOUNT PULLED |
|-------------|-----------------|----------------|-----------|------------------|---------------|
|             |                 |                |           |                  |               |
|             |                 |                |           |                  |               |
|             |                 |                |           |                  |               |
|             |                 |                |           |                  |               |
|             |                 |                |           |                  |               |

29. LINER RECORD

| SIZE | TOP (MD) | BOTTOM (MD) | SACKS CEMENT* | SCREEN (MD) |
|------|----------|-------------|---------------|-------------|
|      |          |             |               |             |
|      |          |             |               |             |
|      |          |             |               |             |

30. TUBING RECORD

| SIZE | DEPTH SET (MD) | PACKER SET (MD) |
|------|----------------|-----------------|
|      |                |                 |
|      |                |                 |
|      |                |                 |

31. PERFORATION RECORD (Interval, size and number)

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

| DEPTH INTERVAL (MD) | AMOUNT AND KIND OF MATERIAL USED |
|---------------------|----------------------------------|
|                     |                                  |
|                     |                                  |
|                     |                                  |
|                     |                                  |

33.\* PRODUCTION

|                       |                 |                                                                      |                         |          |            |                     |                                    |  |
|-----------------------|-----------------|----------------------------------------------------------------------|-------------------------|----------|------------|---------------------|------------------------------------|--|
| DATE FIRST PRODUCTION |                 | PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) |                         |          |            |                     | WELL STATUS (Producing or shut-in) |  |
| DATE OF TEST          | HOURS TESTED    | CHOKE SIZE                                                           | PROD'N. FOR TEST PERIOD | OIL—BBL. | GAS—MCF.   | WATER—BBL.          | GAS-OIL RATIO                      |  |
| FLOW. TUBING PRESS.   | CASING PRESSURE | CALCULATED 24-HOUR RATE                                              | OIL—BBL.                | GAS—MCF. | WATER—BBL. | LOG GRAVITY (CORR.) |                                    |  |

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

TESTED MAR 13 1978

35. LIST OF ATTACHMENTS

U. S. GEOLOGICAL SURVEY  
DURANGO, COLO.

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

Original Signed By

SIGNED E. E. SVOBODA

TITLE Area Adm. Supervisor

DATE 3/9/78

\*(See Instructions and Spaces for Additional Data on Reverse Side)

# INSTRUCTIONS

**General:** This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

**Item 4:** If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

**Item 18:** Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments. **Items 22 and 24:** If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

**Item 29: "Sacks Cement":** Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

**Item 33:** Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

| 37. SUMMARY OF POROUS ZONES:<br>SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF: CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING<br>DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES |      |        | 38. GEOLOGIC MARKERS        |      |             |     |                  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|--------|-----------------------------|------|-------------|-----|------------------|
| FORMATION                                                                                                                                                                                                                                             | TOP  | BOTTOM | DESCRIPTION, CONTENTS, ETC. | NAME | MEAS. DEPTH | TOP | TRUE VERT. DEPTH |
| Greenhorn                                                                                                                                                                                                                                             | 3000 | 3070   | None                        |      |             |     |                  |
| Dakota                                                                                                                                                                                                                                                | 3130 | 3370   | Gas, Oil                    |      |             |     |                  |
| Paradox                                                                                                                                                                                                                                               | 8414 | 8590   | Gas, H <sub>2</sub> S       |      |             |     |                  |
| Ismay                                                                                                                                                                                                                                                 | 8590 | 9090   | Gas, H <sub>2</sub> S       |      |             |     |                  |
| Barker Creek                                                                                                                                                                                                                                          | 9090 | 9300   | Gas, H <sub>2</sub> S       |      |             |     |                  |

**NEW MEXICO OIL CONSERVATION COMMISSION**  
**MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL**

Form C-122  
 Revised 9-1-65

|                                                                                                                           |                   |                            |                       |                                                   |                    |                                                            |           |                                            |  |
|---------------------------------------------------------------------------------------------------------------------------|-------------------|----------------------------|-----------------------|---------------------------------------------------|--------------------|------------------------------------------------------------|-----------|--------------------------------------------|--|
| Type Test<br><input checked="" type="checkbox"/> Initial <input type="checkbox"/> Annual <input type="checkbox"/> Special |                   |                            |                       |                                                   |                    | Test Date<br><b>2/27/78</b>                                |           |                                            |  |
| Company<br><b>Amoco Production Company</b>                                                                                |                   |                            |                       | Connection                                        |                    |                                                            |           |                                            |  |
| Pool<br><b>Ute Dome</b>                                                                                                   |                   |                            |                       | Formation<br><b>Paradox</b>                       |                    |                                                            |           | Unit                                       |  |
| Completion Date<br><b>2/20/78</b>                                                                                         |                   | Total Depth<br><b>9405</b> |                       | Plug Back TD<br><b>9353</b>                       |                    | Elevation<br><b>6884</b>                                   |           | Farm or Lease Name<br><b>Ute Indians A</b> |  |
| Csg. Size<br><b>5.5</b>                                                                                                   | Wt.<br><b>17</b>  | d<br>                      | Set At<br><b>9387</b> | Perforations:<br>From <b>8387</b> To <b>9292</b>  |                    | Well No.<br><b>11</b>                                      |           |                                            |  |
| Tub. Size<br><b>2.375</b>                                                                                                 | Wt.<br><b>4.7</b> | d<br>                      | Set At<br><b>9172</b> | Perforations:<br>From <b>Open</b> To <b>Ended</b> |                    | Unit    Sec.    Twp.    Rge.<br><b>0    26    32    14</b> |           |                                            |  |
| Type Well - Single - Bradenhead - G.G. or G.O. Multiple<br><b>Single</b>                                                  |                   |                            |                       |                                                   |                    | Packer Set At<br><b>8361</b>                               |           | County<br><b>San Juan</b>                  |  |
| Producing Thru<br><b>Tubing</b>                                                                                           |                   | Reservoir Temp. °F<br>     |                       | Mean Annual Temp. °F<br>                          |                    | Baro. Press. - P <sub>a</sub><br>                          |           | State<br><b>New Mexico</b>                 |  |
| L                                                                                                                         | H                 | Gg<br><b>.85</b>           | % CO <sub>2</sub>     | % N <sub>2</sub>                                  | % H <sub>2</sub> S | Prover                                                     | Meter Run | Taps                                       |  |

  

| FLOW DATA |                  |   |              |                 |                      | TUBING DATA |                 | CASING DATA |                 | Duration of Flow |
|-----------|------------------|---|--------------|-----------------|----------------------|-------------|-----------------|-------------|-----------------|------------------|
| NO.       | Prover Line Size | X | Orifice Size | Press. p.s.i.g. | Diff. h <sub>w</sub> | Temp. °F    | Press. p.s.i.g. | Temp. °F    | Press. p.s.i.g. |                  |
| SI        | <b>7 days</b>    |   |              |                 |                      |             | <b>1927</b>     |             | <b>0</b>        |                  |
| 1.        | <b>2.375</b>     |   | <b>0.750</b> |                 |                      |             | <b>250</b>      | <b>60</b>   | <b>Pkr.</b>     |                  |
| 2.        |                  |   |              |                 |                      |             |                 |             |                 |                  |
| 3.        |                  |   |              |                 |                      |             |                 |             |                 |                  |
| 4.        |                  |   |              |                 |                      |             |                 |             |                 |                  |
| 5.        |                  |   |              |                 |                      |             |                 |             |                 |                  |

  

| RATE OF FLOW CALCULATIONS |                       |                  |                         |                       |                   |                             |                      |
|---------------------------|-----------------------|------------------|-------------------------|-----------------------|-------------------|-----------------------------|----------------------|
| NO.                       | Coefficient (24 Hour) | $\sqrt{h_w P_m}$ | Pressure P <sub>m</sub> | Flow Temp. Factor Ft. | Gravity Factor Fg | Super Compress. Factor, Fpv | Rate of Flow Q, Mcfd |
| 1                         | <b>12.365</b>         |                  | <b>262</b>              | <b>1.000</b>          | <b>.8402</b>      | <b>1.049</b>                | <b>2855</b>          |
| 2.                        |                       |                  |                         |                       |                   |                             |                      |
| 3.                        |                       |                  |                         |                       |                   |                             |                      |
| 4.                        |                       |                  |                         |                       |                   |                             |                      |
| 5.                        |                       |                  |                         |                       |                   |                             |                      |

  

| NO. | P <sub>f</sub> | Temp. °R | T <sub>f</sub> | Z | Gas Liquid Hydrocarbon Ratio _____ Mcf/bbl.          |  |
|-----|----------------|----------|----------------|---|------------------------------------------------------|--|
| 1   |                |          |                |   | A.P.I. Gravity of Liquid Hydrocarbons _____ Deg.     |  |
| 2.  |                |          |                |   | Specific Gravity Separator Gas _____ X X X X X X X X |  |
| 3.  |                |          |                |   | Specific Gravity Flowing Fluid _____ X X X X X       |  |
| 4.  |                |          |                |   | Critical Pressure _____ P.S.I.A. _____ P.S.I.A.      |  |
| 5.  |                |          |                |   | Critical Temperature _____ R _____ R                 |  |

  

| P <sub>c</sub> <b>1939</b> | P <sub>c</sub> <sup>2</sup> <b>3759721</b> |                |                             |                                                           |                                     |                                                      |
|----------------------------|--------------------------------------------|----------------|-----------------------------|-----------------------------------------------------------|-------------------------------------|------------------------------------------------------|
| NO.                        | P <sub>f</sub> <sup>2</sup>                | P <sub>w</sub> | P <sub>w</sub> <sup>2</sup> | P <sub>c</sub> <sup>2</sup> - P <sub>w</sub> <sup>2</sup> | (1) $\frac{P_c^2}{P_c^2 - P_w^2} =$ | (2) $\left[ \frac{P_c^2}{P_c^2 - P_w^2} \right]^n =$ |
| 1                          |                                            | <b>617</b>     | <b>380689</b>               | <b>3379032</b>                                            | <b>1.1127</b>                       | <b>1.1127</b>                                        |
| 2                          |                                            |                |                             |                                                           |                                     |                                                      |
| 3                          |                                            |                |                             |                                                           |                                     |                                                      |
| 4                          |                                            |                |                             |                                                           |                                     |                                                      |
| 5                          |                                            |                |                             |                                                           |                                     |                                                      |

  

AOIF = Q  $\left[ \frac{P_c^2}{P_c^2 - P_w^2} \right]^n =$  **3177**

Absolute Open Flow **3177** Mcfd @ 15.025

Angle of Slope  $\theta$  \_\_\_\_\_

Remarks: **Pw calculated per C122-A**

  

|                         |                                      |                                  |                                    |
|-------------------------|--------------------------------------|----------------------------------|------------------------------------|
| Approved By Commission: | Conducted By:<br><b>T. M. Oliver</b> | Calculated By:<br><b>TMO/WRB</b> | Checked By:<br><b>J. L. Krupka</b> |
|-------------------------|--------------------------------------|----------------------------------|------------------------------------|