

**UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT**

SUBMIT IN DUPLICATE\*

(See other instructions on reverse side)

Form approved.  
Budget Bureau No. 1004-0137  
Expires August 31, 1985

**WELL COMPLETION OR RECOMPLETION REPORT AND LOG\***

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

2. TYPE OF COMPLETION: NEW WELL  WORK OVER  DEEPEN  PLUG BACK  DIFF. CMVR.  Other \_\_\_\_\_

3. NAME OF OPERATOR  
Phillips Petroleum Company

4. ADDRESS OF OPERATOR  
5525 Hwy 64, NBU 3004, Farmington, NM 87401

5. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)\*  
At surface Unit , 1234' FWL & 1474' FSL  
At top prod. interval reported below Same as above  
At total depth Same as above

6. LEASE DESIGNATION AND SERIAL NO.  
SF-078998

7. IF INDIAN, ALLOTTEE OR TRIBE NAME

8. UNIT AGREEMENT NAME  
San Juan 32-7 Unit

9. FARM OR LEASE NAME

10. WELL NO.  
231

11. FIELD AND POOL, OR WILDCAT  
Basin Fruitland Coal

12. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA  
Sec. 17 , T31N, R 7W

13. PERMIT NO. 30-045-28348      DATE ISSUED 10-26-90

14. DATE SPUNDED 10-24-90      15. DATE T.D. REACHED 6-5-91      16. DATE COMPL. (Ready to prod.) Perf'd 6-17-91      17. ELEVATIONS (DP, RES. ST, CR, ETC.)\* 6449' GL      18. ELEV. CASINGHEAD

19. TOTAL DEPTH, MD & TVD 3190'      20. PLUG, BACK T.D., MD & TVD 3188'

21. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP & BOTTOM, NAME (MD AND TVD)\*  
3060'-3174' Fruitland

22. TYPE ELECTRIC AND OTHER LOGS RUN GR/CCL

23. INTERVALS DRILLED BY ROTARY TOOLS X      CABLE TOOLS

24. WAS DIRECTIONAL SURVEY MADE NO

25. WAS WELL CORRED NO

**RECEIVED**  
AUG 08 1991

**OIL CON. DIV.  
DIST. 3**

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

| CASING SIZE | WEIGHT, LB./FT. | DEPTH SET (MD) | HOLE SIZE | CEMENTING RECORD                               | AMOUNT PULLED |
|-------------|-----------------|----------------|-----------|--|---------------|
| 9-5/8"      | 36#, K-55       | 224'           | 12-1/4"   | 120 Sx Cl B, Circ 20 Bbls                      |               |
| 7"          | 23#, J-55       | 3000'          | 8-3/4"    | 360 Sx Cl B 65/35 poz, 75 Sx Cl B, Circ 15 Bbl |               |

27. LINER RECORD

| SIZE   | TOP (MD) | BOTTOM (MD) | SACKS CEMENT* | SCREEN (MD) | SIZE   | DEPTH SET (MD) | PACKER SET (MD) |
|--------|----------|-------------|---------------|-------------|--------|----------------|-----------------|
| 5-1/2" | 2915'    | 3189'       | None          |             | 2-3/8" | 3177'          | None            |
| 11.6#  |          |             |               |             | 4.7#   |                |                 |

28. PERFORATION RECORD (Interval, size and number)  
Perf'd w/4 spf (.50" diam)  
3144'-3174'; 3060'-3106'

Total 304 Holes

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

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

**ACCEPTED FOR RECORD**  
JUL 30 1991

30. PRODUCTION

| DATE FIRST PRODUCTION | PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) | WELL STATUS (Producing or shut-in) |
|-----------------------|--|------------------------------------|
| SI                    | Flowing  | SI                                 |

| DATE OF TEST | HOURS TESTED | CHOKES SIZE | PROD'N. FOR TEST PERIOD | OIL—BBL. | WATER—BBL. | GAS-OIL RATIO |
|--------------|--------------|-------------|-------------------------|----------|------------|---------------|
| 6-14-91      | 1            | 2"          | →                       |          |            |               |

| FLOW. TUBING PRESS. | CASING PRESSURE | CALCULATED 24-HOUR RATE | OIL—BBL. | GAS—MCF. | WATER—BBL. | OIL GRAVITY-API (CORR.) |
|---------------------|-----------------|-------------------------|----------|----------|------------|-------------------------|
| SI 100              | SI 1300         | →                       | ---      | 2461     | 266        |                         |

31. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)  
Waiting on Connection

32. TEST WITNESSED BY  
David Walters

33. LIST OF ATTACHMENTS

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

SIGNED R. A. Allred TITLE Drilling Supervisor DATE 7-10-91

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

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals; and all drill-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries):

38. GEOLOGIC MARKERS 4

| FORMATION       | TOP   | BOTTOM | DESCRIPTION, CONTENTS, ETC.   | NAME | TOP         |                  |
|-----------------|-------|--------|---|------|-------------|------------------|
|                 |       |        |   |      | MEAS. DEPTH | TRUE VERT. DEPTH |
| Ojo Alamo       | 2240' | 2350'  | Sandstone<br>Sandstone & Shale<br>Sandstone & Shale & Coal<br>Shale & Coal<br>Sandstone |      |             |                  |
| Kirtland        | 2350' | 2990'  |   |      |             |                  |
| Fruitland       | 2990' | 3070'  |   |      |             |                  |
| Fruitland Coal  | 3070' | 3184'  |   |      |             |                  |
| Pictured Cliffs | 3220' |        |   |      |             |                  |