

AMENDED REPORT (COAL INTERVALS)  
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

5. LEASE DESIGNATION AND SERIAL NO.

SF-078642

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

San Juan 29-5 Unit

8. FARM OR LEASE NAME

9. WELL NO.

231

10. FIELD AND POOL, OR WILDCAT

Basin Fruitland Coal

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA

Sec. 5, T29N, R5W

12. COUNTY OR PARISH

Rio Arriba

13. STATE

NM

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. RESER. ☐ Other \_\_\_\_\_

2. NAME OF OPERATOR

Phillips Petroleum Company

3. ADDRESS OF OPERATOR

5525 Hwy 64 NBU 3004, Farmington, NM 87401

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

At surface Unit K, 1743' FSL & 1432' FWL

At top prod. interval reported below Same as above

At total depth Same as above

14. PERMIT NO.

30-039-25075

DATE ISSUED

15. DATE SPUDDED

9-13-92

16. DATE T.D. REACHED

10-7-92

17. DATE COMPL. (Ready to prod.)

10-13-92

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

6628' GL

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD

3459'

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

3459'

22. IF MULTIPLE COMPL., HOW MANY\*

23. INTERVALS DRILLED BY

ROTARY TOOLS

CABLE TOOLS

X

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

Open Hole Coal Interval 3340'-3459'

25. WAS DIRECTIONAL SURVEY MADE

NO

26. TYPE ELECTRIC AND OTHER LOGS RUN

Mud Logs

27. WAS WELL CORED

NO

28. 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#, J-55       | 284'           | 12-1/4"   | 200 Sx C1 G, Circ 102                  | 30            |
| 7"          | 23#             | 3309'          | 8-3/4"    | 424 Sx 65/35 Poz, 150 Sx C1 G, Circ 52 | Bbls          |

29. LINER RECORD

| SIZE | TOP (MD) | BOTTOM (MD) | SACKS CEMENT* | SCREEN (MD) |
|------|----------|-------------|---------------|-------------|
| None |          |             |               |             |

30. TUBING RECORD

| SIZE   | DEPTH SET (MD) | PACKER SET (MD) |
|--------|----------------|-----------------|
| 2-3/8" | 3300' KB       |                 |
| 4.7#   |                |                 |

31. PERFORATION RECORD (Interval, size and number)

Open Hole Coal Interval 3340'-3459'  
There are no other producing horizons at this depth. We will run liner and perf @ later date or leave as open hole as needed.

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) |                         |          |            | STATUS (Producing or shut-in) |               |
| SI                    |                 | Flowing                                                              |                         |          |            | SI                            |               |
| DATE OF TEST          | HOURS TESTED    | CHOKE SIZE                                                           | PROD'N. FOR TEST PERIOD | OIL—BBL. | GAS—MCF.   | WATER—BBL.                    | GAS-OIL RATIO |
| 10-12-92              | 1               | 2"                                                                   | →                       |          |            |                               |               |
| FLOW. TUBING PRESS.   | CASING PRESSURE | CALCULATED 24-HOUR RATE                                              | OIL—BBL.                | GAS—MCF. | WATER—BBL. | OIL GRAVITY-API (CORR.)       |               |
| SI 200                | SI 1500         | →                                                                    |                         | 54       | 0          |                               |               |

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

Waiting on Connection

TEST WITNESSED BY

J. D. Knight

35. LIST OF ATTACHMENTS

36. 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 1-26-93

\*(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

| FORMATION       | TOP   | BOTTOM | DESCRIPTION, CONTENTS, ETC. | NAME | TOP         |                  |
|-----------------|-------|--------|-----------------------------|------|-------------|------------------|
|                 |       |        |                             |      | MEAS. DEPTH | TRUE VERT. DEPTH |
| Ojo Alamo       | 2730' | 2890'  | Sandstone                   |      |             |                  |
| Kirtland        | 2890' | 3250'  | Sandstone & Shale           |      |             |                  |
| Fruitland       | 3250' | 3340'  | Sandstone & Shale & Coal    |      |             |                  |
| Fruitland Coal  | 3340' | 3459'  | Shale & Coal                |      |             |                  |
| Pictured Cliffs | 3475' |        | Sandstone                   |      |             |                  |

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SUBMIT IN DUPLICATE\*

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

RECEIVED

WELL COMPLETION OR RECOMPLETION REPORT AND LOG\*

|                                                                                                                                                                                                                                |  |                                              |                                              |                                  |                                    |                                      |                                |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|----------------------------------------------|----------------------------------------------|----------------------------------|------------------------------------|--------------------------------------|--------------------------------|
| 1a. TYPE OF WELL:                                                                                                                                                                                                              |  | OIL WELL <input type="checkbox"/>            | GAS WELL <input checked="" type="checkbox"/> | DRY <input type="checkbox"/>     | Other <input type="checkbox"/>     |                                      |                                |
| b. TYPE OF COMPLETION:                                                                                                                                                                                                         |  | NEW WELL <input checked="" type="checkbox"/> | WORK OVER <input type="checkbox"/>           | DEEP-EN <input type="checkbox"/> | PLUG BACK <input type="checkbox"/> | DIFF. GENV. <input type="checkbox"/> | Other <input type="checkbox"/> |
| 2. NAME OF OPERATOR<br>Phillips Petroleum Company                                                                                                                                                                              |  |                                              |                                              |                                  |                                    |                                      |                                |
| 3. ADDRESS OF OPERATOR<br>5525 Hwy 64 NBU 3004, Farmington, NM 87401 (505) 599-3412                                                                                                                                            |  |                                              |                                              |                                  |                                    |                                      |                                |
| 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*<br>At surface Unit K, 1743' FSL & 1432' FWL<br>At top prod. interval reported below Same as above<br>At total depth Same as above |  |                                              |                                              |                                  |                                    |                                      |                                |

|                                                                        |                 |
|------------------------------------------------------------------------|-----------------|
| 5. LEASE DESIGNATION AND SERIAL NO.<br>SF-078642                       |                 |
| 6. IF INDIAN, ALLOTTEE OR TRIBE NAME                                   |                 |
| 7. UNIT AGREEMENT NAME<br>San Juan 29-5 Unit                           |                 |
| 8. NAME OR LEASE NAME<br>N.M.                                          |                 |
| 9. WELL NO.<br>231                                                     |                 |
| 10. FIELD AND POOL, OR WILDCAT<br>Basin Fruitland Coal                 |                 |
| 11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA<br>Sec. 5, T29N, R5W |                 |
| 12. COUNTY OR PARISH<br>Rio Arriba                                     | 13. STATE<br>NM |

|                                    |                                        |                                              |                                                         |                                                                                                        |                                       |                                             |                          |
|------------------------------------|----------------------------------------|----------------------------------------------|---------------------------------------------------------|--------------------------------------------------------------------------------------------------------|---------------------------------------|---------------------------------------------|--------------------------|
| 14. PERMIT NO.<br>30-039-25075     | DATE ISSUED                            |                                              |                                                         |                                                                                                        |                                       |                                             |                          |
| 15. DATE STUDDED<br>9-13-92        | 16. DATE T.D. REACHED<br>10-7-92       | 17. DATE COMPL. (Ready to prod.)<br>10-13-92 | 18. ELEVATIONS (DT, RKB, RT, GR, ETC.)*<br>6628' GL     | 19. ELEV. CASINGHEAD                                                                                   |                                       |                                             |                          |
| 20. TOTAL DEPTH, MD & TVD<br>3459' | 21. PLUG, BACK T.D., MD & TVD<br>3459' | 22. IF MULTIPLE COMPL., HOW MANY*            | 23. INTERVALS DRILLED BY<br>ROTARY TOOLS<br>CABLE TOOLS | 24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*<br>Open Hole 3346 - 3459 | 25. WAS DIRECTIONAL SURVEY MADE<br>NO | 26. TYPE ELECTRIC AND OTHER LOGS RUN<br>N/A | 27. WAS WELL CORED<br>NO |

| 28. 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#, J-55       | 284'           | 12-1/4"   | 200 Sx C1 G, Circ 102 Sx                    | NO            |
| 7"                                                 | 23#             | 3309'          | 8-3/4"    | 425 Sx 65/35 Poz, 150 Sx C1 G, Circ 52 Bbls |               |

| 29. LINER RECORD |          |             |               |             | 30. TUBING RECORD |                |                 |
|------------------|----------|-------------|---------------|-------------|-------------------|----------------|-----------------|
| SIZE             | TOP (MD) | BOTTOM (MD) | SACKS CEMENT* | SCREEN (MD) | SIZE              | DEPTH SET (MD) | PACKER SET (MD) |
| None             |          |             |               |             | 2-3/8"            | 3300' KB       |                 |
|                  |          |             |               |             | 4.7#              |                |                 |

|                                                                |                                                                                                           |
|----------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------|
| 31. PERFORATION RECORD (Indicate size and number)<br>Open Hole | 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.<br>DEPTH INTERVAL (MD)<br>AMOUNT AND KIND OF MATERIAL USED |
|----------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------|

| 33. PRODUCTION                                                                      |                            |                                                                                 |                         |                                |                 |                                          |               |
|-------------------------------------------------------------------------------------|----------------------------|---------------------------------------------------------------------------------|-------------------------|--------------------------------|-----------------|------------------------------------------|---------------|
| DATE FIRST PRODUCTION<br>SI                                                         |                            | PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)<br>Flowing |                         |                                |                 | WELL STATUS (Producing or shut-in)<br>SI |               |
| DATE OF TEST<br>10-12-92                                                            | HOURS TESTED<br>1          | CHOKE SIZE<br>2"                                                                | PROD'N. FOR TEST PERIOD | OIL—BBL.                       | GAS—MCF.        | WATER—BBL.                               | GAS-OIL RATIO |
| FLOW. TUBING PRESS.<br>SI 200                                                       | CASING PRESSURE<br>SI 1500 | CALCULATED 24-HOUR RATE                                                         | OIL—BBL.                | GAS—MCF.<br>54                 | WATER—BBL.<br>0 | OIL GRAVITY-API (CORR.)                  |               |
| 34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)<br>Waiting on Connection |                            |                                                                                 |                         | TEST WITNESSED BY<br>J. A. ... |                 |                                          |               |
| 35. LIST OF ATTACHMENTS                                                             |                            |                                                                                 |                         |                                |                 |                                          |               |

|                                                                                                                                   |                              |                                  |
|-----------------------------------------------------------------------------------------------------------------------------------|------------------------------|----------------------------------|
| 36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records |                              | DATE<br>10-19-92                 |
| SIGNED<br>R. A. ...                                                                                                               | TITLE<br>Drilling Supervisor | DATE<br>FARMINGTON RESOURCE AREA |

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

## GEOLOGIC MARKERS

## GEOLOGIC MARKERS