

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

RECEIVED

## Sundry Notices and Reports on Wells

1. Type of Well  
GAS

RECEIVED  
NOV - 5 1997

97 OCT 27 PM 2:36

070 FARMINGTON, NM

2. Name of Operator

OIL CON. DIV.  
DIST. 3  
**BURLINGTON  
RESOURCES**

OIL &amp; GAS COMPANY

3. Address &amp; Phone No. of Operator

PO Box 4289, Farmington, NM 87499 (505) 326-9700

4. Location of Well, Footage, Sec., T, R, M

1515'FNL, 790'FWL, Sec. 28, T-30-N, R-6-W, NMPM

5. Lease Number  
SF-080712A6. If Indian, All. or  
Tribe Name

7. Unit Agreement Name

San Juan 30-6 Unit

8. Well Name &amp; Number

San Juan 30-6 U #62A

9. API Well No.

30-039-25672

10. Field and Pool

Blanco MV/Basin DK

11. County and State

Rio Arriba Co, NM

## 12. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OTHER DATA

## Type of Submission

## Type of Action

☐ Notice of Intent☐ Abandonment☐ Change of Plans☒ Subsequent Report☐ Recompletion☐ New Construction☐ Final Abandonment☐ Plugging Back☐ Non-Routine Fracturing☐ Casing Repair☐ Water Shut off☐ Altering Casing☐ Conversion to Injection☒ Other -

## 13. Describe Proposed or Completed Operations

10-15-97 MIRU. ND WH. NU BOP. TIH, attempt to set plug in Dakota tbq. Can not get past 7390'. Sheered off plug while trying to pull. Plug will not seat. Attempt to retrieve plug. Attempt to latch plug.

10-16-97 TOO H w/Mesaverde tbq. TOO H w/Dakota tbq. Blow well & CO. Recovered tbq plug. TIH w/string mill. Mill through tight spot in csg @ 3960'. Blow well & CO. TOO H w/mill. TIH w/pkr milling tool. Mill on Model "D" pkr @ 5922'.

10-17-97 Mill up Model "D" pkr. TOO H w/pkr. TIH, blow well & CO to PBTD @ 7681'.

10-18-97 Blow well & CO.

10-19-97 Blow well & CO. TOO H. TIH, ran after frac logs. TOO H. TIH w/227 jts 1 1/2" 2.9# IJ EUE tbq & seal assembly; landed Dakota tbq @ 7654', set seal assembly @ 5750'.

10-20-97 TIH w/172 jts 1 1/2" 2.9# IJ EUE Mesaverde tbq, landed @ 5666'. Blow well & CO. ND BOP. NU WH. RD. Rig released.

14. I hereby certify that the foregoing is true and correct.

Signed [Signature] Title Regulatory Administrator Date 10/25/97

(This space for Federal or State Office use)

APPROVED BY \_\_\_\_\_ Title \_\_\_\_\_

CONDITION OF APPROVAL, if any:

ACCEPTED FOR RECORD

OCT 31 1997

FARMINGTON DISTRICT OFFICE

BY

NMOCD

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE

(See other instructions on reverse side)

FOR APPROVED

OMB NO. 1004-0137

Expires: December 31, 1991

5. LEASE DESIGNATION AND SERIAL NO.

SF-080712A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

4:31

7. UNIT AGREEMENT NAME

San Juan 30-6 Unit

8. FARM OR LEASE NAME, WELL NO.

San Juan 30-6 U #62A

9. API WELL NO.

30-039-25672

10. FIELD AND POOL, OR WILDCAT

Blanco MV/Basin DK

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

E Sec. 28, T-30-N, R-6-W

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 ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR ☐ Other ☐

2. NAME OF OPERATOR

BURLINGTON RESOURCES OIL & GAS COMPANY

3. ADDRESS AND TELEPHONE NO.

PO BOX 4289, Farmington, NM 87499 (505) 326-9700

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

At surface 1515FNL, 790FVL

At top prod. interval reported below

At total depth

14. PERMIT NO.

DATE ISSUED

12. COUNTY OR PARISH

Rio Arriba

13. STATE

New Mexico

15. DATE SPUNDED

7-3-97

16. DATE T.D. REACHED

7-16-97

17. DATE COMPL. (Ready to prod.)

10-20-97

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

6280 GR, 6292 KB

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD

7730

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

7681

22. IF MULTIPLE COMPL., HOW MANY\*

2

23. INTERVALS DRILLED BY

ROTARY TOOLS

CABLE TOOLS

0-7730

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

7535-7679 Dakota

Dualled w/Mesaverde

26. TYPE ELECTRIC AND OTHER LOGS RUN

GR-ILD-CNL-DEN

27. WAS WELL CORED

No

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

| CASING SIZE/GRADE | WEIGHT, LB./FT. | DEPTH SET (MD) | HOLE SIZE | TOP OF CEMENT, CEMENTING RECORD | AMOUNT PULLED |
|-------------------|-----------------|----------------|-----------|---------------------------------|---------------|
| 9 5/8             | 32.3#           | 239            | 12 1/4    | 236 cu.ft.                      |               |
| 7                 | 23#             | 3418           | 8 3/4     | 837 cu.ft.                      |               |
|                   |                 |                |           |                                 |               |
|                   |                 |                |           |                                 |               |

29. LINER RECORD

| SIZE  | TOP (MD) | BOTTOM (MD) | SACKS CEMENT* | SCREEN (MD) | SIZE  | DEPTH SET (MD) | PACKER SET (MD) |
|-------|----------|-------------|---------------|-------------|-------|----------------|-----------------|
| 5 1/2 | 3218     | 7728        | 271 cu.ft.    |             | 1 1/2 | 7654           | 5750            |
|       |          |             |               |             |       |                |                 |
|       |          |             |               |             |       |                |                 |

31. PERFORATION RECORD (Interval, size and number)

7535, 7543, 7548, 7586, 7592, 7615, 7624, 7630, 7636, 7644, 76623, 7667, 7678, 7679

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

| DEPTH INTERVAL (MD) | AMOUNT AND KIND OF MATERIAL USED                     |
|---------------------|------------------------------------------------------|
| 7535-7679           | 911 bbl 30# x-link gel, 90,000# 20/40 tempered LC sd |
|                     |                                                      |
|                     |                                                      |
|                     |                                                      |

33. PRODUCTION

|                       |                 |                                                                      |                        |         |                  |           |                                    |               |
|-----------------------|-----------------|----------------------------------------------------------------------|------------------------|---------|------------------|-----------|------------------------------------|---------------|
| DATE FIRST PRODUCTION |                 | PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) |                        |         |                  |           | WELL STATUS (Producing or shut-in) |               |
| 10-20-97              |                 | Flowing                                                              |                        |         |                  |           | SI                                 |               |
| DATE OF TEST          | HOURS TESTED    | CHOKE SIZE                                                           | PROD'N FOR TEST PERIOD | OIL-BBL | GAS-MCF          | WATER-BBL |                                    | GAS-OIL RATIO |
| 10-20-97              |                 |                                                                      | ————▶                  |         | 1070 Pitot Gauge |           |                                    |               |
| FLOW. TUBING PRESS.   | CASING PRESSURE | CALCULATED 24-HOUR RATE                                              | OIL-BBL                | GAS-MCF | WATER-BBL        |           | OIL GRAVITY-API (CORR.)            |               |
| SI 2399               |                 | ————▶                                                                |                        |         |                  |           |                                    |               |

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

To be sold

TEST WITNESSED BY

35. LIST OF ATTACHMENTS

None

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

SIGNED

*[Signature]*

TITLE

Regulatory Administrator

DATE

10-29-97

ACCEPTED FOR RECORD

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

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

FARMINGTON DISTRICT OFFICE

NMOCD

BY

*[Signature]*

NOV 03 1997

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             | 2216' | 2392'  | White, cr-gr ss.                                                                           |                                                   |                                  |                  |
| Kirtland              | 2392' | 2800'  | Gry sh interbedded w/tight, gry, fine-gr ss.                                               |                                                   |                                  |                  |
| Fruitland             | 2800' | 3192'  | Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss.                     | Ojo Alamo<br>Kirtland<br>Fruitland<br>Pic. Cliffs | 2216'<br>2302'<br>2800'<br>3192' |                  |
| Pictured Cliffs       | 3192' | 3300'  | Bn-Gry, fine grn, tight ss.                                                                |                                                   |                                  |                  |
| Lewis                 | 3300' | 3990'  | Shale w/siltstone stringers                                                                | Lewis                                             | 3300'                            |                  |
| Huerfanito Bentonite* | 3990' | 4240'  | White, waxy chalky bentonite                                                               | Huerfanito Bent.<br>Chacra                        | 3990'<br>4240'                   |                  |
| Chacra                | 4240' | 4790'  | Gry fn grn silty, glauconitic sd stone w/drk gry shale                                     | Cliff House                                       | 4790'                            |                  |
| Cliff House           | 4790' | 5132'  | ss. Gry, fine-grn, dense sil ss.                                                           | Menefee<br>Pt. Lookout<br>Mancos                  | 5132'<br>5410'<br>5745'          |                  |
| Menefee               | 5132' | 5410'  | Med-dark gry, fine gr ss, carb sh & coal                                                   | Gallup                                            | 6693'                            |                  |
| Point Lookout         | 5410' | 5745'  | Med-light gry, very fine gr ss w/frequent sh breaks in lower part of formation             | Greenhorn                                         | 7342'                            |                  |
| Mancos                | 5745' | 6693'  | Dark gry carb sh.                                                                          | Graneros<br>Dakota                                | 7460'<br>7580'                   |                  |
| Gallup                | 6693' | 7342'  | Lt gry to brn calc carb micac glauc silts & very fine gr gry ss w/irreg. interbed sh       |                                                   |                                  |                  |
| Greenhorn             | 7342' | 7460'  | Highly calc gry sh w/chln lmst.                                                            |                                                   |                                  |                  |
| Graneros              | 7460' | 7580'  | Dk gry shale, fossil & carb w/pyrite incl.                                                 |                                                   |                                  |                  |
| Dakota                | 7580' | 7730'  | Lt to dk gry foss carb sl calc sl silty ss w/pyrite incl thin sh bands clay & shale breaks |                                                   |                                  |                  |

\*Huerfanito Bentonite is the legal top of Mesa Verde in New Mexico (North of the Chacra line)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE

(See other instructions on reverse side)

FOR APPROVED

OMB NO. 1004-0137

Expires: December 31, 1991

RECEIVED  
BLM

LEASE DESIGNATION AND SERIAL NO.  
SF-080712A

WELL COMPLETION OR RECOMPLETION REPORT AND LOG\*

| 1a. TYPE OF WELL:<br>OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> DRY <input type="checkbox"/> Other <input type="checkbox"/>                                                                                                                                                                                                                                                                                                                         |                                                 | 97 OCT 31                                                                                                              |               |                                 |                                  |                |                                                 |                                 |                                                 |                             |                                                |       |        |            |            |   |       |      |       |            |  |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------------------------------------------------------------------|---------------|---------------------------------|----------------------------------|----------------|-------------------------------------------------|---------------------------------|-------------------------------------------------|-----------------------------|------------------------------------------------|-------|--------|------------|------------|---|-------|------|-------|------------|--|
| b. TYPE OF COMPLETION:<br>NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> DEEP EN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. RESVR <input type="checkbox"/> Other <input type="checkbox"/>                                                                                                                                                                                                                                       |                                                 | 070 FARM                                                                                                               |               |                                 |                                  |                |                                                 |                                 |                                                 |                             |                                                |       |        |            |            |   |       |      |       |            |  |
| 2. NAME OF OPERATOR<br>BURLINGTON RESOURCES OIL & GAS COMPANY                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                 | 6. IF INDIAN, ALLOTTEE OR TRIBE NAME<br>San Juan 30-6 Unit                                                             |               |                                 |                                  |                |                                                 |                                 |                                                 |                             |                                                |       |        |            |            |   |       |      |       |            |  |
| 3. ADDRESS AND TELEPHONE NO.<br>PO BOX 4289, Farmington, NM 87499 (505) 326-9700                                                                                                                                                                                                                                                                                                                                                                                                        |                                                 | 7. UNIT AGREEMENT NAME<br>San Juan 30-6 Unit                                                                           |               |                                 |                                  |                |                                                 |                                 |                                                 |                             |                                                |       |        |            |            |   |       |      |       |            |  |
| 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)<br>At surface 1515'FNL, 790'FWL<br>At top prod. interval reported below<br>At total depth                                                                                                                                                                                                                                                                                                   |                                                 | 8. IF INDIAN, ALLOTTEE OR TRIBE NAME<br>San Juan 30-6 U #62A                                                           |               |                                 |                                  |                |                                                 |                                 |                                                 |                             |                                                |       |        |            |            |   |       |      |       |            |  |
| 14. PERMIT NO. DATE ISSUED<br>OIL CON. DIV. DIST. 3<br>NOV - 6 1997                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                 | 9. API WELL NO.<br>30-039-25672                                                                                        |               |                                 |                                  |                |                                                 |                                 |                                                 |                             |                                                |       |        |            |            |   |       |      |       |            |  |
| 15. DATE SPUDDED<br>7-3-97                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                 | 10. FIELD AND POOL, OR WILDCAT<br>Blanco MV/Basin DK                                                                   |               |                                 |                                  |                |                                                 |                                 |                                                 |                             |                                                |       |        |            |            |   |       |      |       |            |  |
| 16. DATE T.D. REACHED<br>7-16-97                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                 | 11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA<br>E Sec. 28, T-30-N, R-6-W                                          |               |                                 |                                  |                |                                                 |                                 |                                                 |                             |                                                |       |        |            |            |   |       |      |       |            |  |
| 17. DATE COMPL. (Ready to prod.)<br>10-20-97                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                 | 12. COUNTY OR PARISH<br>Rio Arriba                                                                                     |               |                                 |                                  |                |                                                 |                                 |                                                 |                             |                                                |       |        |            |            |   |       |      |       |            |  |
| 18. ELEVATIONS (OF, RKB, RT, BR, ETC.)<br>6280 GR, 6292 KB                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                 | 13. STATE<br>New Mexico                                                                                                |               |                                 |                                  |                |                                                 |                                 |                                                 |                             |                                                |       |        |            |            |   |       |      |       |            |  |
| 20. TOTAL DEPTH, MD & TVD<br>7730                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                 | 19. ELEV. CASINGHEAD                                                                                                   |               |                                 |                                  |                |                                                 |                                 |                                                 |                             |                                                |       |        |            |            |   |       |      |       |            |  |
| 21. PLUG, BACK T.D., MD & TVD<br>7681                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                 | 22. IF MULTIPLE COMPL., HOW MANY*<br>2                                                                                 |               |                                 |                                  |                |                                                 |                                 |                                                 |                             |                                                |       |        |            |            |   |       |      |       |            |  |
| 23. INTERVALS DRILLED BY<br>0-7730                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                 | 24. PRODUCTION INTERVAL (S) OF THIS COMPLETION-TOP, BOTTOM, NAME (MD AND TVD)*<br>4814-5673 Mesaverde Dualled w/Dakota |               |                                 |                                  |                |                                                 |                                 |                                                 |                             |                                                |       |        |            |            |   |       |      |       |            |  |
| 25. WAS DIRECTIONAL SURVEY MADE                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                 | 26. TYPE ELECTRIC AND OTHER LOGS RUN<br>GR-ILD-CNL-DEN                                                                 |               |                                 |                                  |                |                                                 |                                 |                                                 |                             |                                                |       |        |            |            |   |       |      |       |            |  |
| 27. WAS WELL CORED<br>No                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                 | 28. CASING RECORD (Report all strings set in well)                                                                     |               |                                 |                                  |                |                                                 |                                 |                                                 |                             |                                                |       |        |            |            |   |       |      |       |            |  |
| <table border="1"> <thead> <tr> <th>CASING SIZE/GRADE</th> <th>WEIGHT, LB./FT.</th> <th>DEPTH SET (MD)</th> <th>HOLE SIZE</th> <th>TOP OF CEMENT, CEMENTING RECORD</th> <th>AMOUNT PULLED</th> </tr> </thead> <tbody> <tr> <td>9 5/8</td> <td>32.3#</td> <td>239</td> <td>12 1/4</td> <td>236 cu.ft.</td> <td></td> </tr> <tr> <td>7</td> <td>23#</td> <td>3418</td> <td>8 3/4</td> <td>837 cu.ft.</td> <td></td> </tr> </tbody> </table>                                               |                                                 |                                                                                                                        |               | CASING SIZE/GRADE               | WEIGHT, LB./FT.                  | DEPTH SET (MD) | HOLE SIZE                                       | TOP OF CEMENT, CEMENTING RECORD | AMOUNT PULLED                                   | 9 5/8                       | 32.3#                                          | 239   | 12 1/4 | 236 cu.ft. |            | 7 | 23#   | 3418 | 8 3/4 | 837 cu.ft. |  |
| CASING SIZE/GRADE                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | WEIGHT, LB./FT.                                 | DEPTH SET (MD)                                                                                                         | HOLE SIZE     | TOP OF CEMENT, CEMENTING RECORD | AMOUNT PULLED                    |                |                                                 |                                 |                                                 |                             |                                                |       |        |            |            |   |       |      |       |            |  |
| 9 5/8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 32.3#                                           | 239                                                                                                                    | 12 1/4        | 236 cu.ft.                      |                                  |                |                                                 |                                 |                                                 |                             |                                                |       |        |            |            |   |       |      |       |            |  |
| 7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 23#                                             | 3418                                                                                                                   | 8 3/4         | 837 cu.ft.                      |                                  |                |                                                 |                                 |                                                 |                             |                                                |       |        |            |            |   |       |      |       |            |  |
| 29. LINER RECORD                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                 |                                                                                                                        |               |                                 |                                  |                |                                                 |                                 |                                                 |                             |                                                |       |        |            |            |   |       |      |       |            |  |
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| SIZE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | TOP (MD)                                        | BOTTOM (MD)                                                                                                            | SACKS CEMENT* | SCREEN (MD)                     | SIZE                             | DEPTH SET (MD) | PACKER SET (MD)                                 |                                 |                                                 |                             |                                                |       |        |            |            |   |       |      |       |            |  |
| 5 1/2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 3218                                            | 7728                                                                                                                   | 271 cu.ft.    |                                 | 1 1/2                            | 5666           | 5750                                            |                                 |                                                 |                             |                                                |       |        |            |            |   |       |      |       |            |  |
| 30. TUBING RECORD                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                 |                                                                                                                        |               |                                 |                                  |                |                                                 |                                 |                                                 |                             |                                                |       |        |            |            |   |       |      |       |            |  |
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| SIZE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | TOP (MD)                                        | BOTTOM (MD)                                                                                                            | SACKS CEMENT* | SCREEN (MD)                     | SIZE                             | DEPTH SET (MD) | PACKER SET (MD)                                 |                                 |                                                 |                             |                                                |       |        |            |            |   |       |      |       |            |  |
| 5 1/2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 3218                                            | 7728                                                                                                                   | 271 cu.ft.    |                                 | 1 1/2                            | 5666           | 5750                                            |                                 |                                                 |                             |                                                |       |        |            |            |   |       |      |       |            |  |
| 31. PERFORATION RECORD (Interval, size and number)<br>4814, 4903, 5045, 5089, 5096, 5103, 5106, 5114, 5120, 5124, 5158, 5183, 5171, 5190, 5193, 5205, 5214, 5231, 5237, 5248, 5254, 5264, 5279, 5299, 5371, 5391, 5417, 5421, 5425, 5437, 5461, 5469, 5478, 5487, 5496, 5512, 5516, 5523, 5545, 5556, 5580, 5593, 5604, 5607, 5628,                                                                                                                                                     |                                                 |                                                                                                                        |               |                                 |                                  |                |                                                 |                                 |                                                 |                             |                                                |       |        |            |            |   |       |      |       |            |  |
| 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.<br><table border="1"> <thead> <tr> <th>DEPTH INTERVAL (MD)</th> <th>AMOUNT AND KIND OF MATERIAL USED</th> </tr> </thead> <tbody> <tr> <td>4814-5299</td> <td>1235 bbl 25# x-link gel, 100,000# 20/40 Ariz sd</td> </tr> <tr> <td>5371-5673</td> <td>736 bbl 2% KCl silk wrtr, 13,000# 20/40 Ariz sd</td> </tr> <tr> <td>Perforations cont'd on back</td> <td>1167 bbl 25# x-link gel, 85,000# 20/40 Ariz sd</td> </tr> </tbody> </table> |                                                 |                                                                                                                        |               | DEPTH INTERVAL (MD)             | AMOUNT AND KIND OF MATERIAL USED | 4814-5299      | 1235 bbl 25# x-link gel, 100,000# 20/40 Ariz sd | 5371-5673                       | 736 bbl 2% KCl silk wrtr, 13,000# 20/40 Ariz sd | Perforations cont'd on back | 1167 bbl 25# x-link gel, 85,000# 20/40 Ariz sd |       |        |            |            |   |       |      |       |            |  |
| DEPTH INTERVAL (MD)                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | AMOUNT AND KIND OF MATERIAL USED                |                                                                                                                        |               |                                 |                                  |                |                                                 |                                 |                                                 |                             |                                                |       |        |            |            |   |       |      |       |            |  |
| 4814-5299                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 1235 bbl 25# x-link gel, 100,000# 20/40 Ariz sd |                                                                                                                        |               |                                 |                                  |                |                                                 |                                 |                                                 |                             |                                                |       |        |            |            |   |       |      |       |            |  |
| 5371-5673                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 736 bbl 2% KCl silk wrtr, 13,000# 20/40 Ariz sd |                                                                                                                        |               |                                 |                                  |                |                                                 |                                 |                                                 |                             |                                                |       |        |            |            |   |       |      |       |            |  |
| Perforations cont'd on back                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 1167 bbl 25# x-link gel, 85,000# 20/40 Ariz sd  |                                                                                                                        |               |                                 |                                  |                |                                                 |                                 |                                                 |                             |                                                |       |        |            |            |   |       |      |       |            |  |
| 33. PRODUCTION                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                 |                                                                                                                        |               |                                 |                                  |                |                                                 |                                 |                                                 |                             |                                                |       |        |            |            |   |       |      |       |            |  |
| DATE FIRST PRODUCTION<br>10-20-97                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                 | 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>10-20-97                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                 | HOURS TESTED                                                                                                           |               |                                 |                                  |                |                                                 |                                 |                                                 |                             |                                                |       |        |            |            |   |       |      |       |            |  |
| CHOKE SIZE                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                 | PRODN FOR TEST PERIOD                                                                                                  |               |                                 |                                  |                |                                                 |                                 |                                                 |                             |                                                |       |        |            |            |   |       |      |       |            |  |
| OIL-BBL                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                 | GAS-MCF                                                                                                                |               |                                 |                                  |                |                                                 |                                 |                                                 |                             |                                                |       |        |            |            |   |       |      |       |            |  |
| WATER-BBL                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                 | GAS-OIL RATIO                                                                                                          |               |                                 |                                  |                |                                                 |                                 |                                                 |                             |                                                |       |        |            |            |   |       |      |       |            |  |
| 752 Pitot Gauge                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                 |                                                                                                                        |               |                                 |                                  |                |                                                 |                                 |                                                 |                             |                                                |       |        |            |            |   |       |      |       |            |  |
| FLOW. TUBING PRESS.                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                 | CASING PRESSURE                                                                                                        |               |                                 |                                  |                |                                                 |                                 |                                                 |                             |                                                |       |        |            |            |   |       |      |       |            |  |
| CALCULATED 24-HOUR RATE                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                 | OIL-BBL                                                                                                                |               |                                 |                                  |                |                                                 |                                 |                                                 |                             |                                                |       |        |            |            |   |       |      |       |            |  |
| GAS-MCF                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                 | WATER-BBL                                                                                                              |               |                                 |                                  |                |                                                 |                                 |                                                 |                             |                                                |       |        |            |            |   |       |      |       |            |  |
| OIL GRAVITY-API (CORR.)                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                 |                                                                                                                        |               |                                 |                                  |                |                                                 |                                 |                                                 |                             |                                                |       |        |            |            |   |       |      |       |            |  |
| SI 326                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                 | SI 423                                                                                                                 |               |                                 |                                  |                |                                                 |                                 |                                                 |                             |                                                |       |        |            |            |   |       |      |       |            |  |
| 34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)<br>To be sold                                                                                                                                                                                                                                                                                                                                                                                                                |                                                 |                                                                                                                        |               |                                 |                                  |                |                                                 |                                 |                                                 |                             |                                                |       |        |            |            |   |       |      |       |            |  |
| TEST WITNESSED BY                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                 |                                                                                                                        |               |                                 |                                  |                |                                                 |                                 |                                                 |                             |                                                |       |        |            |            |   |       |      |       |            |  |
| 35. LIST OF ATTACHMENTS<br>None                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                 |                                                                                                                        |               |                                 |                                  |                |                                                 |                                 |                                                 |                             |                                                |       |        |            |            |   |       |      |       |            |  |
| 36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records                                                                                                                                                                                                                                                                                                                                                       |                                                 |                                                                                                                        |               |                                 |                                  |                |                                                 |                                 |                                                 |                             |                                                |       |        |            |            |   |       |      |       |            |  |
| SIGNED <i>[Signature]</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                 | TITLE Regulatory Administrator                                                                                         |               |                                 |                                  |                |                                                 |                                 |                                                 |                             |                                                |       |        |            |            |   |       |      |       |            |  |

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

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

FARMINGTON DISTRICT OFFICE

NMOC

BY

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):

| FORMATION             | TOP   | BOTTOM | DESCRIPTION, CONTENTS, ETC.                                                                | NAME                                              | TOP                              |                  |
|-----------------------|-------|--------|--------------------------------------------------------------------------------------------|---------------------------------------------------|----------------------------------|------------------|
|                       |       |        |                                                                                            |                                                   | MEAS. DEPTH                      | TRUE VERT. DEPTH |
| Ojo Alamo             | 2216' | 2392'  | White, cr-gr ss.                                                                           |                                                   |                                  |                  |
| Kirtland              | 2392' | 2800'  | Gry sh interbedded w/tight, gry, fine-gr ss.                                               |                                                   |                                  |                  |
| Fruitland             | 2800' | 3192'  | Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss.                     | Ojo Alamo<br>Kirtland<br>Fruitland<br>Pic. Cliffs | 2216'<br>2302'<br>2800'<br>3192' |                  |
| Pictured Cliffs       | 3192' | 3300'  | Bn-Gry, fine grn, tight ss.                                                                |                                                   |                                  |                  |
| Lewis                 | 3300' | 3990'  | Shale w/siltstone stringers                                                                | Lewis                                             | 3300'                            |                  |
| Huerfanito Bentonite* | 3990' | 4240'  | White, waxy chalky bentonite                                                               | Huerfanito Bent.<br>Chacra                        | 3990'<br>4240'                   |                  |
| Chacra                | 4240' | 4790'  | Gry fn grn silty, glauconitic sd stone w/drk gry shale                                     | Cliff House                                       | 4790'                            |                  |
| Cliff House           | 4790' | 5132'  | ss. Gry, fine-grn, dense sil ss.                                                           | Menefee<br>Pt. Lookout<br>Mancos                  | 5132'<br>5410'<br>5745'          |                  |
| Menefee               | 5132' | 5410'  | Med-dark gry, fine gr ss, carb sh & coal                                                   | Gallup                                            | 6693'                            |                  |
| Point Lookout         | 5410' | 5745'  | Med-light gry, very fine gr ss w/frequent sh breaks in lower part of formation             | Greenhorn                                         | 7342'                            |                  |
| Mancos                | 5745' | 6693'  | Dark gry carb sh.                                                                          | Graneros                                          | 7460'                            |                  |
| Gallup                | 6693' | 7342'  | Lt gry to brn calc carb micac glauc silts & very fine gr gry ss w/irreg. interbed sh       | Dakota                                            | 7580'                            |                  |
| Greenhorn             | 7342' | 7460'  | Highly calc gry sh w/thin lmst.                                                            |                                                   |                                  |                  |
| Graneros              | 7460' | 7580'  | Dk gry shale, fossil & carb w/pyrite incl.                                                 |                                                   |                                  |                  |
| Dakota                | 7580' | 7730'  | Lt to dk gry foss carb sl calc sl silty ss w/pyrite incl thin sh bands clay & shale breaks |                                                   |                                  |                  |

Perforations continued:  
5641, 5649, 5660, 5673

\*Huerfanito Bentonite is the legal top of Mesa Verde in New Mexico (North of the Chacra line)

38. GEOLOGIC MARKERS