

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE\*  
(See other In-  
structions on  
reverse side)

FOR APPROVED  
OMB NO. 1004-0137

Expires: December 31, 1991

5. LEASE DESIGNATION AND SERIAL NO.

SF-080672

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

NMMN-78408A-MV

7. UNIT AGREEMENT NAME

San Juan 27-4 Unit

8. FARM OR LEASE NAME, WELL NO.

154N

9. API WELL NO.

30-039-30486-0002

10. FIELD AND POOL, OR WILDCAT

Blanco Mesaverde

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

Office

Area

Sec. 14, T27N, R4W

WELL COMPLETION OR RECOMPLETION REPORT AND LOG\*

1a. TYPE OF WELL:

OIL WELL ☐ GAS WELL ☒ DRY ☐ Other ☐

1b. TYPE OF COMPLETION:

NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ 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 F (SENW), 1545' FNL & 2180' FWL

At top prod. interval reported below B (NWNE), 709' FNL & 1895' FEL

At total depth B (NWNE), 709' FNL & 1895' FEL

RECEIVED

OCT 14 2010

Farmington Field Office  
Bureau of Land Management

14. PERMIT NO. DATE ISSUED

12. COUNTY OR PARISH  
Rio Arriba

13. STATE  
New Mexico

15. DATE SPUNDED  
07/20/2010

16. DATE T.D. REACHED  
08/02/2010

17. DATE COMPL. (Ready to prod.)  
09/28/2010

18. ELEVATIONS (DF, RKB, RT, BR, ETC.)\*  
GL 7134' KB 7147'

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD  
MD 8690' TVD 8422'

21. PLUG, BACK T.D., MD & TVD  
MD 8687' TVD 8419'

22. IF MULTIPLE COMPL., HOW MANY\*  
2

23. INTERVALS DRILLED BY

ROTARY TOOLS

CABLE TOOLS

yes

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

Blanco Mesaverde 5862' - 6882'

25. TYPE ELECTRIC AND OTHER LOGS RUN

GR/CCL/CBL

26. 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" / H-40        | 32.3#           | 232'           | 12 1/4"   | Surface, 115sx(176cf-32bbbs)    | 1 bbl         |
| 7" / J-55            | 23#             | 4756'          | 8 3/4"    | Surface, ST@3917'               |               |
| 4 1/2" / L-80 & J-55 | 11.6#           | 8688'          | 6 1/4"    | 599sx(1225cf-217bbbs)           | 45 bbbs       |
|                      |                 |                |           | TOC@3490', 278sx(560cf-100bbbs) |               |

29. LINER RECORD

| SIZE | TOP (MD) | BOTTOM (MD) | SACKS CEMENT* | SCREEN (MD) | SIZE               | DEPTH SET (MD) | PACKER SET (MD) |
|------|----------|-------------|---------------|-------------|--------------------|----------------|-----------------|
|      |          |             |               |             | 2 3/8", 4.7#, L-80 | 8627'          |                 |

31. PERFORMANCE RECORD (Interval, size and number)

Point Lookout/Lower Menefee w/ .34" diam.  
1SPF @ 6882' - 6232' = 25 Holes  
Upper Menefee/Cliffhouse w/ .34" diam.  
1SPF @ 6180' - 5862' = 25 Holes

Mesaverde Total Holes = 50 ✓

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

|               |                                                                                                                 |
|---------------|-----------------------------------------------------------------------------------------------------------------|
| 6882' - 6232' | Acidize w/ 10bbbs 15% HCL. Frac w/ 124,250gals 70% SlickWater w/ 100,425# of 20/40 Arizona Sand.N2:1,285,600SCF |
| 6180' - 5862' | Frac w/ 128,380gals 70% SlickWater w/ 99,613# of 20/40 Arizona Sand. N2:1,401,100SCF                            |

33. PRODUCTION

|                       |                 |                                                                      |                        |                    |           |                         |                                    |  |
|-----------------------|-----------------|----------------------------------------------------------------------|------------------------|--------------------|-----------|-------------------------|------------------------------------|--|
| DATE FIRST PRODUCTION |                 | PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) |                        |                    |           |                         | WELL STATUS (Producing or shut-in) |  |
| N/A                   |                 | FLOWING                                                              |                        |                    |           |                         | SI                                 |  |
| DATE OF TEST          | HOURS TESTED    | CHOKE SIZE                                                           | PROD'N FOR TEST PERIOD | OIL-BBL            | GAS-MCF   | WATER-BBL               | GAS-OIL RATIO                      |  |
| 09/19/2010            | 1 hr.           | 1/2"                                                                 | →                      | 0                  | 69 mcf/h  | trace                   |                                    |  |
| FLOW. TUBING PRESS.   | CASING PRESSURE | CALCULATED 24-HOUR RATE                                              | OIL-BBL                | GAS-MCF            | WATER-BBL | OIL GRAVITY-API (CORR.) |                                    |  |
| SI - 1068psi          | SI - 897psi     | →                                                                    | 0                      | 1650<br>1550 mcf/d | 20 bpwd   |                         |                                    |  |

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

To be sold

TEST WITNESSED BY

35. LIST OF ATTACHMENTS

This is going to be a Basin Dakota/Blanco Mesa Verde well being DHC per order # 2929AZ

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

SIGNED Crystal Tabora TITLE

Staff Regulatory Technician

DATE 10/14/2010

\*(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.

NMUCD

OCT 19 2010

FARMINGTON FIELD OFFICE  
BY T. Salver

RCV OCT 25 10  
OIL CONS. DIV.  
DIST. 3

| API # 30-039-30489 | San Juan 27-4 Unit 154N |       |                                                                                            |
|--------------------|-------------------------|-------|--------------------------------------------------------------------------------------------|
| Ojo Alamo          | 3657'                   | 3840' | White, cr-gr ss.                                                                           |
| Kirtland           | 3840'                   | 3990' | Gry sh interbedded w/tight, gry, fine-gr ss.                                               |
| Fruitland          | 3990'                   | 4304' | Dk gry-gr carb sh, coal, grn silts, light-med gry, tight, fine gr ss.                      |
| Pictured Cliffs    | 4304'                   | 4431' | Bn-Gry, fine grn, tight ss.                                                                |
| Lewis              | 4431'                   | 4836' | Shale w/siltstone stringers                                                                |
| Huerfano Bentonite | 4836'                   | 5242' | White, waxy chalky bentonite                                                               |
| Chacra             | 5242'                   | 5860' | Gry fn grn silty, glauconitic sd stone w/drak gry shale                                    |
| Mesa Verde         | 5860'                   | 6106' | Light gry, med-fine gr ss, carb sh & coal                                                  |
| Menefee            | 6106'                   | 6434' | Med-dark gry, fine gr ss, carb sh & coal                                                   |
| Point Lookout      | 6434'                   | 6884' | Med-light gry, very fine gr ss w/frequent sh breaks in lower part of formation             |
| Mancos             | 6884'                   | 7462' | Dark gry carb sh.                                                                          |
| Gallup             | 7462'                   | 8397' | Lt gry to brn calc carb micac glauc silts & very fine gr gry ss w/irreg. interbed sh       |
| Greenhorn          | 8397'                   | 8465' | Highly calc gry sh w/thin lmst.                                                            |
| Graneros           | 8465'                   | 8517' | Dk gry shale, fossil & carb w/pyrite incl.                                                 |
| Dakota             | 8517'                   | 8690' | Lt to dk gry foss carb sl calc sl silty ss w/pyrite incl thin sh bands clay Y shale breaks |
| Morrison           |                         |       | Interbed grn, brn & red waxy sh & fine to coarse grn ss                                    |

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SF-080672

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Report to lease

7. UNIT AGREEMENT NAME

San Juan 27-4 Unit

8. FARM OR LEASE NAME, WELL NO.

154N

9. API WELL NO.

30-039-30488 - 0001

10. FIELD AND POOL, OR WILDCAT

Basin Dakota

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

Sec. 14, T27N, R4W

WELL COMPLETION OR RECOMPLETION REPORT AND LOG\*

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

b. TYPE OF COMPLETION:

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

2. NAME OF OPERATOR

Burlington Resources Oil & Gas Company

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GL 7134' KB 7147'

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD

MD 8690' TVD 8422'

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

MD 8687' TVD 8419'

22. IF MULTIPLE COMPL.,  
HOW MANY\*

2

23. INTERVALS  
DRILLED BY

ROTARY TOOLS

CABLE TOOLS

yes

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

Basin Dakota 8520' - 8654'

26. TYPE ELECTRIC AND OTHER LOGS RUN

GR/CCL/CBL

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" / H-40        | 32.3#           | 232'           | 12 1/4"   | Surface, 115sx(176cf-32bbbls)    | 1 bbl         |
| 7" / J-55            | 23#             | 4756'          | 8 3/4"    | Surface, ST@3917'                |               |
| 4 1/2" / L-80 & J-55 | 11.6#           | 8688'          | 6 1/4"    | 599sx(1225cf-217bbbls)           | 45 bbbls      |
|                      |                 |                |           | TOC@3490', 278sx(560cf-100bbbls) |               |

29. LINER RECORD

| SIZE | TOP (MD) | BOTTOM (MD) | SACKS CEMENT* | SCREEN (MD) | SIZE               | DEPTH SET (MD) | PACKER SET (MD) |
|------|----------|-------------|---------------|-------------|--------------------|----------------|-----------------|
|      |          |             |               |             | 2 3/8", 4.7#, L-80 | 8627'          |                 |

31. PERFORATION RECORD (Interval, size and number)

Dakota w/ .34" diam.  
2SPF @ 8654' - 8600' = 16 Holes  
1SPF @ 8592' - 8520' = 14 Holes

Dakota Total Holes = 30 ✓

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

8520' - 8654'

Acidize w/ 10bbbls 15% HCL. Frac w/ 105,743gals SlickWater  
w/ 40,202# of 20/40 Arizona Sand.

33. PRODUCTION  
DATE FIRST PRODUCTION N/A PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) FLOWING ✓ WELL STATUS (Producing or shut-in) SI ✓

| DATE OF TEST        | HOURS TESTED    | CHOKE SIZE              | PROD'N FOR TEST PERIOD | OIL-BBL     | GAS-MCF   | WATER-BBL               | GAS-OIL RATIO |
|---------------------|-----------------|-------------------------|------------------------|-------------|-----------|-------------------------|---------------|
| 09/28/2010 ✓        | 1 hr.           | 1/2"                    | →                      | 0           | 35 mcf/h  | trace                   |               |
| FLOW. TUBING PRESS. | CASING PRESSURE | CALCULATED 24-HOUR RATE | OIL-BBL                | GAS-MCF     | WATER-BBL | OIL GRAVITY-API (CORR.) |               |
| SI-1068psi          | SI-897psi       | →                       | 0                      | 849 mcf/d ✓ | 7 bwpd ✓  |                         |               |

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

To be sold

TEST WITNESSED BY

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

SIGNED Catalina Talavera TITLE

Staff Regulatory Technician

DATE 10/14/2010

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NMOC

ACCEPTED FOR RECORD

OCT 19 2010

FARMINGTON FIELD OFFICE  
BY J. L. Salazar

| API # 30-039-30489   |       | San Juan 27-4 Unit 154N |                                                                                            |  |                  |       |
|----------------------|-------|-------------------------|--------------------------------------------------------------------------------------------|--|------------------|-------|
| Ojo Alamo            | 3657' | 3840'                   | White, cr-gr ss.                                                                           |  | Ojo Alamo        | 3657' |
| Kirtland             |       | 3840'                   | Gry sh interbedded w/tight, gry, fine-gr ss.                                               |  | Kirtland         | 3840' |
| Fruitland            |       | 3990'                   | Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss.                     |  | Fruitland        | 3990' |
| Pictured Cliffs      |       | 4304'                   | Bn-Gry, fine grn, tight ss.                                                                |  | Pic. Cliffs      | 4304' |
| Lewis                |       | 4431'                   | Shale w/siltstone stringers                                                                |  | Lewis            | 4431' |
| Huerfanito Bentonite |       | 4836'                   | White, waxy chalky bentonite                                                               |  | Huerfanito Bent. | 4836' |
| Chacra               |       | 5242'                   | Gry fn grn silty, glauconitic sd stone w/drk gry shale                                     |  | Chacra           | 5242' |
| Mesa Verde           |       | 5860'                   | Light gry, med-fine gr ss, carb sh & coal                                                  |  | Mesa Verde       | 5860' |
| Menefee              |       | 6106'                   | Med-dark gry, fine gr ss, carb sh & coal                                                   |  | Menefee          | 6106' |
| Point Lookout        |       | 6434'                   | Med-light gry, very fine gr ss w/frequent sh breaks in lower part of formation             |  | Point Lookout    | 6434' |
| Mancos               |       | 6884'                   | Dark gry carb sh.                                                                          |  | Mancos           | 6884' |
| Gallup               |       | 7462'                   | Lt gry to brn calc carb micac glauc silts & very fine gr gry ss w/irreg. interbed sh       |  | Gallup           | 7462' |
| Greenhorn            |       | 8397'                   | Highly calc gry sh w/thin lmst.                                                            |  | Greenhorn        | 8397' |
| Graneros             |       | 8465'                   | Dk gry shale, fossil & carb w/pyrite incl.                                                 |  | Graneros         | 8465' |
| Dakota               |       | 8517'                   | Lt to dk gry foss carb sl calc sl silty ss w/pyrite incl thin sh bands clay Y shale breaks |  | Dakota           | 8517' |
| Morrison             |       |                         | Interbed grn, brn & red waxy sh & fine to coarse grn ss                                    |  | Morrison         |       |