

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTSUBMIT IN DUPLICATE
(See other In-
structions on
reverse side)FOR APPROVED
OMB NO. 1004-0137

Expires: December 31, 1991

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

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 A (NENE), 594' FNL & 677' FEL

At top prod. interval reported below B (NWNE), 714' FNL & 1847' FEL

At total depth B (NWNE), 714' FNL & 1847' FEL

5. LEASE DESIGNATION AND SERIAL NO.

NM-02151

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

NMNM-78420A-MV1

7. UNIT AGREEMENT NAME

San Juan 30-6 Unit

8. FARM OR LEASE NAME, WELL NO.

104M

9. API WELL NO.

30-039-30817-0052

10. FIELD AND POOL, OR WILDCAT

Blanco Mesaverde

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

Sec. 28, T30N, R7W

14. PERMIT NO.

DATE ISSUED

12. COUNTY OR PARISH

Rio Arriba

13. STATE

New Mexico

15. DATE SPUDDED
11/30/201016. DATE T.D. REACHED
1/23/201117. DATE COMPL. (Ready to prod)
04/08/201118. ELEVATIONS (OF, RKB, RT, BR, ETC.)
GL 6894' KB 6909'

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD

MD 8500'

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

MD 8497' TVD 8277'

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 5054' - 6555'

25. WAS DIRECTIONAL SURVEY MADE

YES

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#	233'	12 1/4"	Surface, 76sx(122cf-22bbbls)	6 bbbls
7" / J-55	23#	4251'	8 3/4"	Surface, ST@3555' 577sx(1229cf-219bbbls)	40 bbbls
4 1/2" / L-80	11.6#	8499'	6 1/4"	TOC@2200', 310sx(623cf-111bbbls)	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)
				2 3/8", 4.7#, L-80

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
	8431'	

31. PERFORATION RECORD (Interval, size and number)

Point Lookout w/ .34" diam.
1SPF @ 6175' - 6555' = 25 Holes
Upper Menefee/Cliffhouse w/ .34" diam.
1SPF @ 5575' - 6090' = 25 Holes
Lewis w/ .34" diam.
1SPF @ 5054' - 5550' = 25 Holes

Mesaverde Total Holes = 75 ✓

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

6175' - 6555'	Acidize w/ 10bbbls 15% HCL. Frac w/ 39,144gals 70% SlickWater w/ 103,521# of 20/40 Brady Sand. N2:1,454,400SCF
5575' - 6090'	Acidize w/ 10bbbls 15% HCL. Frac w/ 36,792gals 70% SlickWater w/ 100,149# of 20/40 Arziona Sand. N2:1,241,900SCF
5054' - 5550'	Frac w/ 24,276gals 75% Visco-Elastic Foam w/ 38,841# of 20/40 Brady Sand. N2:1,529,500SCF

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
04/08/2011 ✓	1 hr.	1/2"	→	0	103 mcf/h	trace	
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL-BBL	GAS-MCF	WATER-BBL		OIL GRAVITY-API (CORR.)
SI - 550psi	SI - 420psi	→	0	2465 mcf/d	7 bwpd		

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

To be sold

TEST WITNESSED BY

35. LIST OF ATTACHMENTS

This is a Mesaverde/Dakota well commingle under DHC order # 3468AZ.

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

SIGNED Crystal Tabara TITLE Staff Regulatory Technician

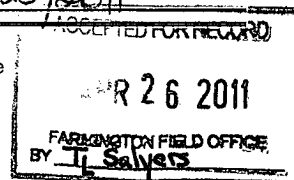
DATE

4/25/2011

*(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 of agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

NMOCD



API # 30-039-30817		San Juan 30-6 Unit 104M		
Ojo Alamo	2970'	3088'	White, cr-gr ss.	Ojo Alamo
Kirtland	3088'	3737'	Gry sh interbedded w/tight, gry, fine-gr ss.	Kirtland
Fruitland	3737'	4010'	Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss.	Fruitland
Pictured Cliffs	4010'	4108'	Bn-Gry, fine grn, tight ss.	Pic.Cliffs
Lewis	4108'	4696'	Shale w/siltstone stringers	Lewis
Huerfanito Bentonite	4696'	5046'	White, waxy chalky bentonite	Huerfanito Bent.
Chacra	5046'	5572'	Gry fn grn silty, glauconitic sd stone w/drk gry shale	Chacra
Mesa Verde	5572'	5889'	Light gry, med-fine gr ss, carb sh & coal	Mesa Verde
Menefee	5889'	6287'	Med-dark gry, fine gr ss, carb sh & coal	Menefee
Point Lookout	6287'	6713'	Med-light gry, very fine gr ss w/frequent sh breaks in lower part of formation	Point Lookout
Mancos	6713'	7492'	Dark gry carb sh.	Mancos
Gallup	7492'	8219'	Lt gry to brn calc carb micac glauc silts & very fine gr gry ss w/irreg. interbed sh	Gallup
Greenhorn	8219'	8269'	Highly calc gry sh w/thin lmst.	Greenhorn
Graneros	8269'	8342'	Dk gry shale, fossil & carb w/pyrite incl.	Graneros
Dakota	8342'	8500'	Lt to dk gry foss carb sl calc sl silty ss w/pyrite incl thin sh bands clay Y shale breaks	Dakota
Morrison			Interbed grn, brn & red waxy sh & fine to coarse grn ss	Morrison

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Expires: December 31, 1991

5. LEASE DESIGNATION AND SERIAL NO.

NM-02151 ✓

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

San Juan 30-6 Unit

8. FARM OR LEASE NAME, WELL NO.

104M

9. API WELL NO.

30-039-30817-0001

10. FIELD AND POOL, OR WILDCAT

Basin Dakota

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

Sec. 28, T30N, R7W

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WELL:

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14. PERMIT NO.

DATE ISSUED

12. COUNTY OR
PARISH

Rio Arriba

13. STATE

New Mexico

15. DATE SPUNDED

11/30/2010

16. DATE T.D. REACHED

1/23/2011

17. DATE COMPL. (Ready to prod)

04/08/2011

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

GL 6894' KB 6909'

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD

MD 8500' TVD 8280'

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

MD 8497' TVD 8277'

22. IF MULTIPLE COMPL.,
HOW MANY*

2

23. INTERVALS
DRILLED BY

ROTARY TOOLS

yes

CABLE TOOLS

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

Basin Dakota 8345' - 8485'

25. WAS DIRECTIONAL
SURVEY MADE

YES

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#	233'	12 1/4"	Surface, 76sx(122cf-22bbbls)	6 bbbls
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4 1/2" / L-80	11.6#	8499'	6 1/4"	TOC@2200', 310sx(623cf-111bbbls)	

29. LINER RECORD

30. TUBING RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 3/8", 4.7#, L-80	8431'	

31. PERFORATION RECORD (Interval, size and number)

Dakota w/ .34" diam.
1SPF @ 8345' - 8434' = 11 Holes
2SPF @ 8454' - 8485' = 18 Holes

Dakota Total Holes = 29 ✓

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

8345' - 8485'

Acidize w/ 10bbbls 15% HCL. Frac w/ 39,648gals 70%
SlickWater w/ 39,752# of 20/40 Brady Sand.
N2:2,170,000SCF

33.

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
04/08/2011 ✓	1 hr.	1/2"	→	0	25 mcf/h	trace		
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL-BBL	GAS-MCF	WATER-BBL		OIL GRAVITY-API (CORR.)	
SI - 550psi	SI - 420psi	→	0	609 mcf/d	2 bwpd			

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

To be sold

TEST WITNESSED BY

35. LIST OF ATTACHMENTS

This is a Mesaverde/Dakota well commingle under DHC order # 3468AZ.

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

SIGNED Catal Tafara TITLE Staff Regulatory Technician DATE 4/25/2011

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

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ACCEPTED FOR RECORD

APR 26 2011

FARMINGTON FIELD OFFICE
BY J. SalyersRCVD APR 29 11
OIL CONS. DIV.

DIST. 3

API # 30-039-30817		San Juan 30-6 Unit 104M		
Ojo Alamo	2970'	3088'	White, cr-gr ss.	Ojo Alamo
Kirtland	3088'	3737'	Gry sh interbedded w/tight, gry, fine-gr ss.	Kirtland
Fruitland	3737'	4010'	Dk gry-gr carb sh, coal, grn silts, light-med gry, tight, fine gr ss.	Fruitland
Pictured Cliffs	4010'	4108'	Bn-Gry, fine grn, tight ss.	Pic. Cliffs
Lewis	4108'	4696'	Shale w/siltstone stringers	Lewis
Huerfano Bentonite	4696'	5046'	White, waxy chalky bentonite	Huerfano Bent.
Chacra	5046'	5572'	Gry fn grn silty, glauconitic sd stone w/drak gry shale	Chacra
Mesa Verde	5572'	5889'	Light gry, med-fine gr ss, carb sh & coal	Mesa Verde
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Greenhorn	8219'	8269'	Highly calc gry sh w/thin lmst.	Greenhorn
Graneros	8269'	8342'	Dk gry shale, fossil & carb w/pyrite incl.	Graneros
Dakota	8342'	8500'	Lt to dk gry foss carb sl calc sl silty ss w/pyrite incl thin sh bands clay Y shale breaks	Dakota
Morrison			Interbed grn, brn & red waxy sh & fine to coarse grn ss	Morrison