

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-079403

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

NMMN-78409A-DK
UNIT AGREEMENT NAME
San Juan 27-5 Unit

8. FARM OR LEASE NAME, WELL NO.

117N

9. API WELL NO.

30-039-30960-0001

10. FIELD AND POOL, OR WILDCAT

Basin Dakota

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

Sec. 22, T27N, R5W

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 D (NWNW), 1007 FNL & 274' FWL

At top prod. interval reported below SAME AS ABOVE

At total depth SAME AS ABOVE

14. PERMIT NO.

DATE ISSUED

12. COUNTY OR PARISH

Rio Arriba

13. STATE

New Mexico

15. DATE SPUNDED

06/15/2010

16. DATE T.D. REACHED

7/3/2010

17. DATE COMPL. (Ready to prod.)

10/27/2010

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

6553' GL

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD

7755'

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

7750'

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 7515' - 7723'

25. WAS DIRECTIONAL SURVEY MADE

NO

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, 211sx (270cf-48bbbls)	5 bbls
7" / J-55	20#	3554'	8 3/4"	Surface, ST@2751' 442sx(911cf-162bbbls)	38 bbls
4 1/2" / J-55	10.5#	7753'	6 1/4"	TOC@2870', 298sx(599cf-107bbbls)	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 3/8", 4.7#, J-55	7686'	

30. TUBING RECORD

31. PERFORATION RECORD (Interval, size and number)

Dakota w/ .34" diam.

1SPF @ 7515' - 7664' = 27 Holes

2SPF @ 7682' - 7723' = 30 Holes

Dakota Total Holes = 57 ✓

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

7515' - 7723'

Acidize w/ 10bbbls 15% HCL. Frac w/ 97,076gals SlickWater w/ 40,128# of 20/40 Arizona Sand.

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
10/27/2010 ✓	1 hr.	1/2"	→	0	30 mcf/h	trace	
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL--BBL	GAS--MCF	WATER--BBL	OIL GRAVITY-API (CORR.)	
SI - 599psi	SI - 612psi	→	0	715 mcf/d ✓	18 bwpd ✓		

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 # 3422AZ

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

SIGNED

Crystal Tapaya

TITLE

Staff Regulatory Technician

DATE

11/2/2010

(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.

NMOCD A

NOV 03 2010

FARMINGTON FIELD OFFICE
BY J. Salvetti

NOV 09 10
OIL CENS. DIV.
DIST. 3

API # 30-039-30960	San Juan 27-5 Unit 117N				
	2707'	2843'	White, cr-gr ss.		Ojo Alamo
Kirtland	2843'	3008'	Gry sh interbedded w/tight, gry, fine-gr ss.		Kirtland
Fruitland	3008'	3338'	Dk gry-gr carb sh, coal, grn silts, light-med gry, tight, fine gr ss.		Fruitland
Pictured Cliffs	3338'	3488'	Bn-Gry, fine grn, tight ss.		Pic. Cliffs
Lewis	3488'	3817'	Shale w/siltstone stringers		Lewis
Huerfano Bentonite	3817'	4318'	White, waxy chalky bentonite		Huerfano Bent.
Chacra	4318'	4904'	Gry fn grn silty, glauconitic sd stone w/drak gry shale		Chacra
Mesa Verde	4904'	5126'	Light gry, med-fine gr ss, carb sh & coal		Mesa Verde
Menefee	5126'	5492'	Med-dark gry, fine gr ss, carb sh & coal		Menefee
Point Lookout	5492'	5997'	Med-light gry, very fine gr ss w/frequent sh breaks in lower part of formation		Point Lookout
Mancos	5997'	6670'	Dark gry carb sh.		Mancos
Gallup	6670'	7430'	Lt gry to brn calc carb micac glauc silts & very fine gr gry ss w/irreg. interbed sh		Gallup
Greenhorn	7430'	7488'	Highly calc gry sh w/thin lmst.		Greenhorn
Graneros	7488'	7513'	Dk gry shale, fossil & carb w/pyrite incl.		Graneros
Dakota	7513'	7755'	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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NMNM-78409B-MV

7. UNIT AGREEMENT NAME

San Juan 27-5 Unit

8. FARM OR LEASE NAME, WELL NO.

117N

9. API WELL NO.

30-039-30960-0002

10. FIELD AND POOL, OR WILDCAT

Blanco Mesaverde

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

Sec. 22, T27N, R5W

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

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6553' GL

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD

7755'

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

7750'

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 4322' - 5729'

25. WAS DIRECTIONAL SURVEY MADE

NO

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, 211sx (270cf-48bbls)	5 bbls
7" / J-55	20#	3554'	8 3/4"	Surface, ST@2751' 442sx(911cf-162bbls)	38 bbls
4 1/2" / J-55	10.5#	7753'	6 1/4"	TOC@2870', 298sx(599cf-107bbls)	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 3/8", 4.7#, J-55	7686'	

31. PERFORATION RECORD (Interval, size and number)

Point Lookout/Lower Menefee w/ .34" diam.
1SPF @ 5729' - 5402' = 25 Holes
Upper Menefee/Climhouse w/ .34" diam.
1SPF @ 5264' - 4905' = 25 Holes
Lewis w/ .34" diam.
1SPF @ 4850' - 4322' = 25 Holes

Mesaverde Total Holes = 75 ✓

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

5729' - 5402'	Acidize w/ 10bbls 15% HCL. Frac w/ 117,152gals 70% SlickWater w/ 100,244# of 20/40 Arizona Sand. N2:1,114,400SCF
5264' - 4905'	Frac w/ 130,984gals 70% SlickWater w/ 100,359# of 20/40 Arizona Sand. N2:1,123,800SCF
4850' - 4322'	Frac w/ 141,691gals 75% Visco Elastic Foam w/ 127,427# of 20/40 Arizona Sand. N2:1,911,500SCF

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
10/18/2010 ✓	1 hr.	1/2"	→	trace	63 mcf/h	3 bwph	
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL-BBL	GAS-MCF	WATER-BBL	OIL GRAVITY-API (CORR.)	
SI - 599psi	SI - 612psi	→	1/2 bopd ✓	1505 mcf/d ✓	59 bwph ✓		

34. DISPOSITION OF GAS (Solid, 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 # 3422AZ

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

SIGNED Catalina Tapia TITLE

Staff Regulatory Technician

DATE

11/2/10

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FARMINGTON FIELD OFFICE
By T. Salvers

API # 30-039-30960		San Juan 27-5 Unit 117N			
	2707'	2843'	White, cr-gr ss.	Ojo Alamo	2707'
Kirtland	2843'	3008'	Gry sh interbedded w/tight, gry, fine-gr ss.	Kirtland	2843'
Fruitland	3008'	3338'	Dk gry-gr carb sh, coal, grn silts, light-med gry, tight, fine gr ss.	Fruitland	3008'
Pictured Cliffs	3338'	3488'	Bn-Gry, fine grn, tight ss.	Pic. Cliffs	3338'
Lewis	3488'	3817'	Shale w/siltstone stringers	Lewis	3488'
Huerfano Bentonite	3817'	4318'	White, waxy chalky bentonite	Huerfano Bent.	3817'
Chacra	4318'	4904'	Gry fn grn silty, glauconitic sd stone w/drck gry shale	Chacra	4318'
Mesa Verde	4904'	5126'	Light gry, med-fine gr ss, carb sh & coal	Mesa Verde	4904'
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Greenhorn	7430'	7488'	Highly calc gry sh w/thin lmst.	Greenhorn	7430'
Graneros	7488'	7513'	Dk gry shale, fossil & carb w/pyrite incl.	Graneros	7488'
Dakota	7513'	7755'	Lt to dk gry foss carb sl calc sl silty ss w/pyrite incl thin sh bands clay Y shale breaks	Dakota	7513'
Morrison			Interbed grn, brn & red waxy sh & fine to coarse grn ss	Morrison	