

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-079491

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

NMNM-78409A-DK

7. UNIT AGREEMENT NAME

San Juan 27-5 Unit

8. FARM OR LEASE NAME, WELL NO.

100N

9. API WELL NO.

30-039-30798-0001

10. FIELD AND POOL, OR WILDCAT

Basin Dakota

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

Sec. 1, T27N, R5W

Farmington Field Office
Bureau of Land Management

14. PERMIT NO. DATE ISSUED

12. COUNTY OR
PARISH
Rio Arriba13. STATE
New Mexico15. DATE SPURRED 8/13/2010
16. DATE T.D. REACHED 9/26/2010
17. DATE COMPL. (Ready to prod.) 11/10/201018. ELEVATIONS (DF, RKB, RT, BR, ETC.)*
GL 7367' KB 7383'

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD MD 8954' TVD 8652'
21. PLUG, BACK T.D., MD & TVD MD 8951' TVD 8649'
22. IF MULTIPLE COMPL., HOW MANY* 223. INTERVALS
DRILLED BY ROTARY TOOLS yes
CABLE TOOLS

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

Basin Dakota 8734' - 8916'

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#	232'	12 1/4"	Surface, 76sx(122cf-22bbls)	6 bbls
7" - J-55	23#	4895'	8 3/4"	TOC@1300', ST @ 4199' 585sx(1212cf-216bbls)	
4 1/2" - L-80	11.6#	8951'	6 1/4"	TOC@4128', 275sx(554cf-99bbls)	

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	8858'	

30. TUBING RECORD

31. PERFORATION RECORD (Interval, size and number)

Dakota w/ .34" diam.
1SPF @ 8734' - 8760' = 7 Holes
2SPF @ 8843' - 8916' = 46 Holes

Dakota Total Holes = 53 Holes ✓

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

8734' - 8916'

Acidize w/ 10bbls 15% HCL. Frac w/ 108,150gals Slickwater
pad, w/ 40,235# 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
11/08/2010 ✓	1 hr.	1/2"	→	0	33 mcf/h	1 bwph	
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL-BBL	GAS-MCF	WATER-BBL	OIL GRAVITY-API (CORR.)	
SI - 146 psi	SI - 579 psi	→	0	798 mcf/d ✓	28 bwph ✓		

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 # 3347 AZ

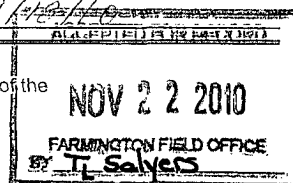
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED: Shelley K. Gause TITLE: Staff Regulatory Technician

DATE: 11/12/2010

*(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.



API # 30-039-30798		San Juan 27-5 Unit 100N			
Ojo Alamo	3918'	4101'	White, cr-gr ss.	Ojo Alamo	3918'
Kirtland	4101'	4331'	Gry sh interbedded w/tight, gry, fine-gr ss.	Kirtland	4101'
Fruitland	4331'	4556'	Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss.	Fruitland	4331'
Pictured Cliffs	4556'	4713'	Bn-Gry, fine grn, tight ss.	Pic. Cliffs	4556'
Lewis	4713'	5096'	Shale w/siltstone stringers	Lewis	4713'
Huerfanito Bentonite	5096'	5478'	White, waxy chalky bentonite	Huerfanito Bent.	5096'
Chacra	5478'	6209'	Gry fn grn silty, glauconitic sd stone w/drk gry shale	Chacra	5478'
Mesa Verde	6209'	6347'	Light gry, med-fine gr ss, carb sh & coal	Mesa Verde	6209'
Menefee	6347'	6700'	Med-dark gry, fine gr ss, carb sh & coal	Menefee	6347'
Point Lookout	6700'	7186'	Med-light gry, very fine gr ss w/frequent sh breaks in lower part of formation	Point Lookout	6700'
Mancos	7186'	7855'	Dark gry carb sh.	Mancos	7186'
Gallup	7855'	8630'	Lt gry to brn calc carb micac glauc silts & very fine gr gry ss w/irreg. interbed sh	Gallup	7855'
Greenhorn	8630'	8695'	Highly calc gry sh w/thin lmst.	Greenhorn	8630'
Graneros	8695'	8028'	Dk gry shale, fossil & carb w/pyrite incl.	Graneros	8695'
Dakota	8731'	8819'	Lt to dk gry foss carb sl calc sl silty ss w/pyrite incl thin sh bands clay Y shale breaks	Dakota	8731'

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NMNM-78409B-MV

7. UNIT AGREEMENT NAME

San Juan 27-5 Unit

8. FARM OR LEASE NAME, WELL NO.

100N

9. API WELL NO.

30-039-30798-0002

10. FIELD AND POOL, OR WILDCAT

Blanco Mesaverde

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

OR AREA

Sec. 1, 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 G (SWNE), 1705' FNL & 1585' FEL

At top prod. interval reported below J (NWSE), 2087' FSL, 2201' FEL

At total depth J (NWSE), 2087' FSL & 2201' FEL

14. PERMIT NO.

DATE ISSUED

12. COUNTY OR PARISH

Rio Arriba

13. STATE

New Mexico

15. DATE SPUDDED

8/13/2010

16. DATE T.D. REACHED

9/26/2010

17. DATE COMPL. (Ready to prod.)

11/10/2010

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

GL 7367' KB 7383'

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD

MD 8954' TVD 8652'

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

MD 8951' TVD 8649'

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 5482' - 6816'

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#	232'	12 1/4"	Surface, 76sx(122cf-22bbls)	6 bbls
7" - J-55	23#	4895'	8 3/4"	TOC@1300', ST @ 4199' 585sx(1212cf-216bbls)	
4 1/2" - L-80	11.6#	8951'	6 1/4"	TOC@4128', 275sx(554cf-99bbls)	

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	8858'	

30. TUBING RECORD

31. PERFORATION RECORD (Interval, size and number)

Point Lookout w/ .34" diam.
1SPF @ 6496' - 6816' = 24 Holes
UMF/Cliffhouse w/ .34" diam.
1SPF @ 6210' - 6427' = 21 Holes
Lewis w/ .34" diam.
1SPF @ 5482' - 6138' = 25 Holes

Mesaverde Total Holes = 70 Holes ✓

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

6496' - 6816'	Acidize w/ 10bbls 15% HCL. Frac w/ 127,750gals 70% N2 Slick/Foam @ 70 to 75 BPM w/ 100,707# 20/40 Arizona Sand. N2:1,346,000SCF
6210' - 6427'	Acidize w/ 10bbls 15% HCL. Frac w/ 126,840gals 70% N2 Slick/Foam @ 67.4 to 73.4 BPM w/ 100,303# 20/40 Arizona Sand.
5482' - 6138'	Frac w/ 107,268gals 75% Visco-Elastic foam @ 30 BPM w/ 120,266# 20/40 Arizona Sand. N2:2,120,900SCF.

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	
11/03/2010 ✓	1 hr.	1/2"	→	trace	91 mcf/h	1 bwph		
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL	GAS—MCF	WATER—BBL	OIL GRAVITY-API (CORR.)		
SI - 146 psi	SI -579 psi	→	1/2 bopd ✓	2191 mcf/d ✓	27 bwph ✓			

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TITLE

Staff Regulatory Technicaian

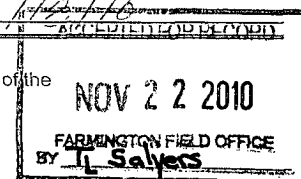
DATE

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NMOC



RCVD DEC 1 '10

OIL CONS. DIV.
DEC 1 '10

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