

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
NOV 09 2011

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 **J (NW/SE), 2495' FSL & 2455' FEL**
At top prod. interval reported below **H (SE/NE), 2240' FNL & 985' FEL**
At total depth **H (SE/NE), 2240' FNL & 985' FEL**

5 LEASE DESIGNATION AND SERIAL NO.
SF-080672

6 IF INDIAN, ALLOTTEE OR TRIBE NAME
NMSF-09472

7 UNIT AGREEMENT NAME
SAN JUAN 27-4 UNIT

8 FARM OR LEASE NAME, WELL NO.
SAN JUAN 27-4 UNIT 109M

9 API WELL NO.
30-039-30449-0001

10 FIELD AND POOL, OR WILDCAT
BASIN DAKOTA

11 SEC., T., R., M., OR BLOCK AND SURVEY OR AREA
Sec. 23, T27N, R4W

12 COUNTY OR PARISH
Rio Arriba

13 STATE
New Mexico

14. PERMIT NO. _____ DATE ISSUED _____

15 DATE SPUNDED **06/29/11** 16 DATE T.D. REACHED **08/06/11** 17 DATE COMPL. (Ready to prod) **10/14/11 GRC** 18 ELEVATIONS (DF, RKB, RT, BR, ETC)* **GL 6961' KB 6976'** 19 ELEV. CASINGHEAD _____

20 TOTAL DEPTH, MD & TVD **MD 8556' / 8263' VD** 21 PLUG, BACK T.D., MD & TVD **MD 8520' / 8227' VD** 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 8342' - 8494'

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#	234'	12 1/4"	Surface, 76sx(122cf-22bbls)	4bbls
7" / J-55	23#	5209'	8 3/4"	ST @ 3738', Surface, 844sx(1721cf-305bbls)	60bbls
4 1/2" / L-80	11.6#	8541'	6 1/4"	TOC@4875', 237sx(478cf-895bbls)	

29 LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 3/8"	8444'	
					4.7# / L-80		

31 PERFORATION RECORD (Interval, size and number)
**Dakota w/ .34" diam.
2SPF @ 8440' - 8494' = 22 Holes
1SPF @ 8342' - 8428' = 25 Holes
DK Total Holes = 47**

32 ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC
**8342' - 8494'
Acidize w/ 12bbls of 15% HCL. Frac'd w/ 2,896bbls 70% Quality Slickwater N2 Foam w/ 41,326# 20/40 Arizona Sand. Total N2:2,417,800SCF.**

33 PRODUCTION

DATE FIRST PRODUCTION **10/14/11 GRC** PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump) **FLOWING** WELL STATUS (Producing or shut-in) **SI OIL CONS. DIV.**

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N FOR TEST PERIOD	OIL--BBL	GAS--MCF	WATER--BBL	GAS-OIL RATIO
10/19/11	1hr.	1/2"	→	n/a / boph	21 mcf / h	1 / bwph	
FLOW TUBING PRESS	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL--BBL	GAS--MCF	WATER--BBL	OIL GRAVITY-API (CORR)	
SI-1243psi	SI-1020psi	→	n/a / bopd	514 mcf / d	21 / bwpd		

34 DISPOSITION OF GAS (Sold, used for fuel, vented, etc)
To be sold

35 LIST OF ATTACHMENTS
This is a Blanco Mesaverde / Basin Dakota commingled well under DHC order 3109AZ.

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

SIGNED _____ TITLE **Staff Regulatory Tech.** DATE **11/01/11**

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

API # 30-039-30449		SAN JUAN 27-4 UNIT 109M			
Ojo Alamo	3418'	3638'	White, cr-gr ss.	Ojo Alamo	3418'
Kirtland	3638'	3892'	Gry sh interbedded w/tight, gry, fine-gr ss.	Kirtland	3638'
Fruitland	3892'	4060'	Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss.	Fruitland	3892'
Pictured Cliffs	4060'	4232'	Bn-Gry, fine grn, tight ss.	Pic.Cliffs	4060'
Lewis	4232'	4616'	Shale w/siltstone stringers	Lewis	4232'
Huerfanito Bentonite	4616'	5069'	White, waxy chalky bentonite	Huerfanito Bent.	4616'
Chacra	5069'	5692'	Gry fn grn silty, glauconitic sd stone w/drk gry shale	Chacra	5069'
Mesa Verde	5692'	5953'	Light gry, med-fine gr ss, carb sh & coal	Mesa Verde	5692'
Menefee	5953'	6244'	Med-dark gry, fine gr ss, carb sh & coal	Menefee	5953'
Point Lookout	6244'	6797'	Med-light gry, very fine gr ss w/frequent sh breaks in lower part of formation	Point Lookout	6244'
Mancos	6797'	7421'	Dark gry carb sh.	Mancos	6797'
Gallup	7421'	8230'	Lt gry to brn calc carb micac glauc silts & very fine gr gry ss w/irreg. interbed sh	Gallup	7421'
Greenhorn	8230'	8295'	Highly calc gry sh w/thin lmst.	Greenhorn	8230'
Graneros	8295'	8339'	Dk gry shale, fossil & carb w/pyrite incl.	Graneros	8295'
Dakota	8339'	8556'	Lt to dk gry foss carb sl calc sl silty ss w/pyrite incl thin sh bands clay Y shale breaks	Dakota	8339'

PC

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OMB NO. 1004-0137
Expires December 31, 1991

RECEIVED
NOV 09 2011
Bureau of Land Management
Farmington Field Office

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

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 At top prod interval reported below **H (SE/NE), 2240' FNL & 985' FEL**
 At total depth **H (SE/NE), 2240' FNL & 985' FEL**

5 LEASE DESIGNATION AND SERIAL NO
SF-080672
 6 IF INDIAN, ALLOTTEE OR TRIBE NAME
NMNM-78408A
 7 UNIT AGREEMENT NAME
SAN JUAN 27-4 UNIT
 8 FARM OR LEASE NAME, WELL NO
SAN JUAN 27-4 UNIT 109M

9 API WELL NO
30-039-30449-0002

10 FIELD AND POOL, OR WILDCAT
BLANCO MESAVERDE

11 SEC., T., R., M., OR BLOCK AND SURVEY OR AREA
Sec. 23, T27N, R4W

12 COUNTY OR PARISH
Rio Arriba
 13 STATE
New Mexico

14 PERMIT NO _____ DATE ISSUED _____
 15 DATE SPUNDED **06/29/11** 16 DATE T.D. REACHED **08/06/11** 17 DATE COMPL (Ready to prod) **10/12/11 GRC**
 18 ELEVATIONS (DF, RKB, RT, BR, ETC)* **GL 6961' KB 6976'** 19 ELEV CASINGHEAD _____

20 TOTAL DEPTH, MD & TVD **MD 8556' / 8263' VD** 21 PLUG, BACK T.D., MD & TVD **MD 8520' / 8227' VD** 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 5704' - 6564' 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#	234'	12 1/4"	Surface, 76sx(122cf-22bbls)	4bbls
7" / J-55	23#	5209'	8 3/4"	ST @ 3738', Surface, 844sx(1721cf-305bbls)	60bbls
4 1/2" / L-80	11.6#	8541'	6 1/4"	TOC@4875', 237sx(478cf-895bbls)	

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"	8444'	
4.7# / L-80							

31 PERFORATION RECORD (Interval, size and number) 32 ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

Point Lookout/LMF w/ .34" diam. 1SPF @ 6210'- 6564' = 25 Holes UMF / Cliffhouse w/.34" diam. 1SPF @ 5704' - 6094' = 25 Holes MV Total Holes = 50	6210'- 6564'	Acidize w/ 10bbls. Frac'd w/ 2,749bbls 70% Quality Slickwater Foam w/ 40,274# 20/40 Brady Sand. Total N2:1,361,000SCF.
	5704'- 6094'	Acidize w/ 10bbls. Frac'd w/ 2,439bbls 70% Quality Slickwater foam w/ 36,371# 20/40 Brady Sand. Total N2:1,154,700SCF.

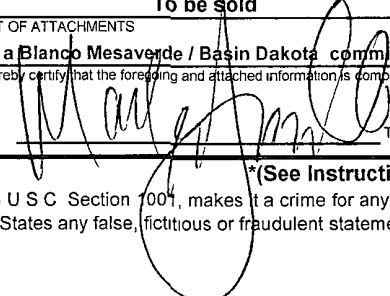
33 PRODUCTION
 DATE FIRST PRODUCTION **10/12/11 GRC** PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump) **FLOWING** WELL STATUS (Producing or shut-in) **SI**

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N FOR TEST PERIOD	OIL--BBL	GAS--MCF	WATER--BBL	GAS-OIL RATIO
10/19/11	1hr.	1/2"	→	n/a / boph	40 mcf / h	2 / bwph	

FLOW TUBING PRESS	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL--BBL	GAS--MCF	WATER--BBL	OIL GRAVITY-API (CORR)
SI-1243psi	SI-1020psi	→	n/a / bopd	948 mcf / d	39 / bwpd	

34 DISPOSITION OF GAS (Solid, used for fuel, vented, etc.) **To be sold** TEST WITNESSED BY _____

35 LIST OF ATTACHMENTS
This is a Blanco Mesaverde / Basin Dakota commingled well under DHC order 3109AZ.

36 I hereby certify that the foregoing and attached information is complete and correct as determined from all available records
 SIGNED  TITLE **Staff Regulatory Tech.** DATE **11/01/11**

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

Title 18 U S C Section 7004, 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
AV

ACCEPTED FOR RECORD

NOV 09 2011
FARMINGTON FIELD OFFICE
BY SW PC

API # 30-039-30449		SAN JUAN 27-4 UNIT 109M				
Ojo Alamo	3418'	3638'	White, cr-gr ss.		Ojo Alamo	3418'
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Pictured Cliffs	4060'	4232'	Bn-Gry, fine grn, tight ss.		Pic.Cliffs	4060'
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R