

RECEIVED

Form 3160-4
(October 1990)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

SEP 27 2011

Expires December 31, 1991

5 LEASE DESIGNATION AND SERIAL NO.

Farmington Field Office
Bureau of Land Management

SF-080713-A

6 IF INDIAN, ALLOTTEE OR TRIBE NAME

NMM-78420A

7. UNIT AGREEMENT NAME

San Juan 30-6 Unit

8. FARM OR LEASE NAME, WELL NO

102M

9 API WELL NO

30-039-30956-0002

10 FIELD AND POOL, OR WILDCAT

Blanco Mesa Verde

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

Sec. 22, T30N, R6W

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), 630' FNL, & 1170' FEL

At top prod. interval reported below B (NWNE), 732' FNL, & 2367' FEL

At total depth B (NWNE), 732' FNL, & 2367' FEL

14. PERMIT NO. DATE ISSUED

12 COUNTY OR
PARISH

Rio Arriba

13 STATE

New Mexico

15. DATE SPUDDED

6/22/11

16. DATE T D REACHED

7/12/11

17 DATE COMPL (Ready to prod.)

9-9-11 GRS

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

6457' GL / 6,472' KB

19. ELEV CASINGHEAD

20 TOTAL DEPTH, MD & TVD

MD 8,130' / TVD 7,894'

21. PLUG, BACK T D, MD & TVD

MD 8,125' / TVD 7,889'

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)*

BLANCO MESA VERDE 4,432' - 6,145'

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, 76 sx(122cf)	5 bbls
7", J-55	23#	4,242'	8 3/4"	Surface, 498 sx(1010cf) Stage Tool @ 3,186'	55 bbls
4 1/2", L-80	11.6#	8,126'	6 1/4"	TOC @ 2,224', 275 sx(554cf)	

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	8,039'	

30 TUBING RECORD



31 PERFORATION RECORD (Interval, size and number)

Point Lookout/Lower Menefee w/ .34" diam
1 SPF @ 5,779' - 6,145' = 25 holes
Upper Menefee/Climhouse w/ .34" diam
1 SPF @ 5,210' - 5,695' = 25 holes
Chacra w/ .34" diam -
1 SPF @ 4,432' - 5,104' = 25 holes

32 ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC

5,779'-6,145'	Acidize w/ 10 bbls 15% HCL Acid. Frac w/ 114,240 gal. 70Q N2 Slickfoam w/ 41,375# 20/40 Brady Sand. N2: 1,344,700scf
5,210' - 5,695'	Acidize w/ 10 bbls 15% HCL Acid. Frac w/ 113,120 gal 70Q N2 Slickfoam w/ 41,440# 20/40 Brady Sand. N2: 1,294,400scf
4,432' - 5,104'	Frac w/ 128,350 gal. 75Q Aqua Star Foam w/ 81,595# 20/40 Brady Sand. N2: 1,874,300scf.

33 PRODUCTION

DATE FIRST PRODUCTION 9-9-11 GRS		PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump) FLOWING				WELL STATUS (Producing or Shut-in), etc SI	
DATE OF TEST 9-12-11	HOURS TESTED 1	CHOKE SIZE 1/2"	PROD'N FOR TEST PERIOD 	OIL-BBL 0	GAS-MCF 12 mcf/h	WATER-BBL 0	GAS/OIL RATIO 232
FLOW TUBING PRESS SI-525psi	CASING PRESSURE SI-458psi	CALCULATED 24-HOUR RATE 	OIL-BBL 0	GAS-MCF 276 mcf/d	WATER-BBL 0	OIL GRAVITY-API (CORR.) 21.2 OIL CONS. D	

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

To be sold

TEST WITNESSED BY

35. LIST OF ATTACHMENTS

This is a Blanco Mesa Verde/Basin Dakota being commingled by DHC Order # 3392AZ.

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

SIGNED

Denise Journey

TITLE

Staff Regulatory Technician

DATE

ACCEPTED FOR RECORD

*(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.

SEP 27 2011

FARMINGTON FIELD OFFICE
BY SA

A

PC

API# 30-039-30956			SAN JUAN 30-6 UNIT 102M		
Ojo Alamo	2642'	2750'	White, cr-gr ss.	Ojo Alamo	2642'
Kirtland	2750'	3210'	Gry sh interbedded w/tight, gry, fine-gr ss.	Kirtland	2750'
Fruitland	3210'	3593'	Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss.	Fruitland	3210'
Pictured Cliffs	3593'	3763'	Bn-Gry, fine grn, tight ss.	Pic. Cliffs	3593'
Lewis	3763'	4308'	Shale w/siltstone stringers	Lewis	3763'
Huerfanito Bentonite	4308'	4342'	White, waxy chalky bentonite	Huerfanito Bent.	4308'
Chacra	4342'	5209'	Gry fn grn silty, glauconitic sd stone w/drak gry shale	Chacra	4342'
Mesa Verde	5209'	5534'	Light gry, med-fine gr ss, carb sh & coal	Mesa Verde	5209'
Menefee	5534'	5845'	Med-dark gry, fine gr ss, carb sh & coal	Menefee	5534'
Point Lookout	5845'	6203'	Med-light gry, very fine gr ss w/frequent sh breaks in lower part of formation	Point Lookout	5845'
Mancos	6203'	7054'	Dark gry carb sh.	Mancos	6203'
Gallup	7054'	7811'	Lt gry to brn calc carb micac glauc silts & very fine gr gry ss w/irreg. interbed sh	Gallup	7054'
Greenhorn	7811'	7863'	Highly calc gry sh w/thin lmst.	Greenhorn	7811'
Graneros	7863'	7967'	Dk gry shale, fossil & carb w/pyrite incl.	Graneros	7863'
Dakota	7967'	8130'	Lt to dk gry foss carb sl calc sl silty ss w/pyrite incl thin sh bands clay Y shale breaks	Dakota	7967'
Morrison			Interbed grn, brn & red waxy sh & fine to coarse grn ss	Morrison	'

12

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FOR APPROVED
OMB NO. 1004-0137 SEP 27 2011
Expires December 31, 1991

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> DRY <input type="checkbox"/> Other <input type="checkbox"/>		5 LEASE DESIGNATION AND SERIAL NO SF-080713A Farmington Field Office Bureau of Land Management	
b TYPE OF COMPLETION NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> DEEP-EN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF RESVR <input type="checkbox"/> Other <input type="checkbox"/>		6 IF INDIAN, ALLOTTEE OR TRIBE NAME NMM 7842007	
2 NAME OF OPERATOR Burlington Resources Oil & Gas Company		7 UNIT AGREEMENT NAME San Juan 30-6 Unit	
3 ADDRESS AND TELEPHONE NO PO BOX 4289, Farmington, NM 87499 (505) 326-9700		8 FARM OR LEASE NAME, WELL NO 102M	
4 LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface A (NENE), 630' FNL, & 1170' FEL At top prod. interval reported below B (NWNE), 732' FNL, & 2367' FEL At total depth B (NWNE), 732' FNL, & 2367' FEL		9 API WELL NO 30-039-30956-001	
10 FIELD AND POOL, OR WILDCAT BASIN DAKOTA		11 SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Sec. 22, T30N, R6W	
12 COUNTY OR PARISH Rio Arriba		13 STATE New Mexico	
15 DATE SPURRED 6/22/11	16 DATE T D REACHED 7/12/11	17 DATE COMPL (Ready to prod.) 9-10-11/GRS	18 ELEVATIONS (OF, RKB, RT, BR, ETC)* 6,457 GL / 6,472 KB
20 TOTAL DEPTH, MD & TVD MD-8130' / TVD 7894'	21 PLUG, BACK T D, MD & TVD MD 8125' / TVD 7889'	22 IF MULTIPLE COMPL, HOW MANY* 2	23 INTERVALS DRILLED BY yes
24. PRODUCTION INTERVAL (S) OF THIS COMPLETION-TOP, BOTTOM, NAME (MD AND TVD)* BASIN DAKOTA 8,026' - 8,108'			25 WAS DIRECTIONAL SURVEY MADE YES
26. TYPE ELECTRIC AND OTHER LOGS RUN GR/CCL/CBL			27 WAS WELL CORED No

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, 76 sx(122cf)	5 bbls
7", J-55	23#	4,242'	8 3/4"	Surface, 498 sx(1020cf)	
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				TOC @ 2,224', 275 sx(554cf)	
LINER RECORD			TUBING RECORD		
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	PACKER SET (MD)
				SIZE	DEPTH SET (MD)
				2 3/8", 4.7#	
				L-80	8,039'

31 PERFORATION RECORD (Interval, size and number) Basin Dakota w/ .34" diam. 2 SPF @ 8,026' - 8,108' = 48 holes 46	32 ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. 8,026'-8,108' Acidize w/ 10 bbls 15% HCL Acid. Frac w/ 108,220 gal 70Q N2 Slickfoam w/ 35,870# 20/40 Brady Sand. N2: 2,159,400scf
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33 DATE FIRST PRODUCTION 9-10-11 GRS		PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump) FLOWING				WELL STATUS (Producing or shut-in) SI	
DATE OF TEST 9/12/11	HOURS TESTED 1	CHOKE SIZE 1/2"	PROD'N FOR TEST PERIOD →	OIL--BBL 0	GAS--MCF 10 mcf/h	WATER--BBL 0	GAS-DILUTION 0
FLOW TUBING PRESS SI-525psi	CASING PRESSURE SI-458psi	CALCULATED 24-HOUR RATE →	OIL--BBL 0	GAS--MCF 244 mcf/d	WATER--BBL 0	OIL GRAVITY-API (CORR)	
34 DISPOSITION OF GAS (Sold, used for fuel, vented, etc) To be sold						TEST WITNESSED BY	

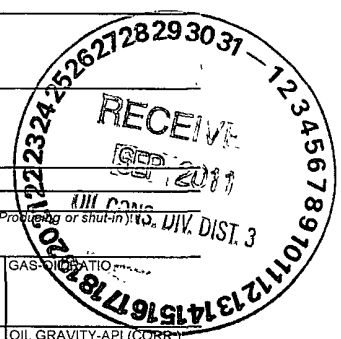
35 LIST OF ATTACHMENTS This is a Blanco Mesa Verde/Basin Dakota being commingled by DHC Order # 3392AZ.	
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records	
SIGNED Denise Journey	TITLE Staff Regulatory Technician DATE 9-26-11

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

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ACCEPTED FOR RECORD

FARMINGTON FIELD OFFICE
BY [Signature]



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Morrison			Interbed grn, brn & red waxy sh & fine to coarse grn ss	Morrison	'