

RECEIVED

Form 3160-4
(October 1990)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE*
JUN 23 2009
Bureau of Land Management
Farmington Field Office

FOR APPROVED
OMB NO. 1004-0137

Expires December 31, 1991
PLEASE DESIGNATION AND SERIAL NO

SF - 079049 - B

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"/>		6 IF INDIAN, ALLOTTEE OR TRIBE NAME	
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"/>		7 UNIT AGREEMENT NAME San Juan 28-6 Unit <i>in name 78412C-DK</i>	
2 NAME OF OPERATOR BURLINGTON RESOURCES OIL & GAS COMPANY		8 FARM OR LEASE NAME, WELL NO San Juan 28-6 Unit 167N	
3 ADDRESS AND TELEPHONE NO. PO BOX 4289, Farmington, NM 87499 (505) 326-9700		9 API WELL NO 30-039-30603 -06C1	
4 LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface Unit N (SESW) 1160' FSL, 2440' FWL		10 FIELD AND POOL, OR WILDCAT Basin Dakota	
At top prod interval reported below Same as above		11 SEC., T, R., M., OR BLOCK AND SURVEY OR AREA Sec. 4 T27N R6W, NMPM	
At total depth Same as above		RCVD JUL 1 '09 OIL CONS. DIV.	

14. PERMIT NO.		DATE ISSUED		12 COUNTY OR PARISH Rio Arriba		13 STATE New Mexico	
15. DATE SPUNDED 03/02/2009		16. DATE T.D. REACHED 03/11/2009		17. DATE COMPL (Ready to prod) 06/08/2009		18. ELEVATIONS (DF, RKB, RT, BR, ETC)* GL 6223' KB 6238'	
19. ELEV CASINGHEAD		20 TOTAL DEPTH, MD & TVD 7373'		21 PLUG, BACK T.D., MD & TVD 7370'		22 IF MULTIPLE COMPL, HOW MANY* 2	
23 INTERVALS DRILLED BY		24 PRODUCTION INTERVAL (S) OF THIS COMPLETION-TOP, BOTTOM, NAME (MD AND TVD)* Basin Dakota 7152' - 7360'		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)		29 LINER RECORD		30. TUBING RECORD	

CASING SIZE/GRADE	WEIGHT, LB /FT	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED
9 5/8"	32.3# H-40	228'	12 1/4"	surface; 68 sx (109 cf)	1 bbls
7"	20# J-55	3172'	8 3/4"	surface; 468sx (939 cf)	54 bbls
4 1/2"	11.6#/10.5# J-5	7372'	6 1/4"	TOC 2010'; 423sx (610 cf)	

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 3/8" 4.7# J-55	7309'	

31 PERFORATION RECORD (Interval, size and number) DK .34 diam 2 SPF 7152', 7154', 7156', 7160', 7162', 7164', 7166', 7168', 7170', 7172', 7174', 7176', 7182', 7184', 7186', 7188', 7190', 7194', 7196', 7198', 7210', 7232' = 22 holes 2 SPF 7258', 7264', 7267', 7270', 7273', 7276', 7280', 7296', 7298', 7304', 7307', 7310', 7318', 7324', 7330', 7336', 7344', 7356', 7360' = 38 holes Total Holes 60		32 ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. 7152' - 7360' Acidize w/10bbls 15% HCL acid. Frac w/111,846 gals Slick water pad w/40,395# 20/40 Arizona Sand.	
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33 DATE FIRST PRODUCTION SI		PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump) Flowing				WELL STATUS (Producing or shut-in) SI	
DATE OF TEST 06/08/2009	HOURS TESTED 1	CHOKE SIZE 1/2"	PROD'N FOR TEST PERIOD	OIL-BBL 41 mcf/h	GAS-MCF .45 bwp/d	WATER-BBL	GAS-OIL RATIO
FLOW TUBING PRESS 157#	CASING PRESSURE 588#	CALCULATED 24-HOUR RATE	OIL-BBL	GAS-MCF 993 bwpd-	water-BBL 11 mscf/d-	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 will be a Basin Dakota/Blanco Mesa Verde well being DHC per order # 3003 AZ

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

SIGNED Jamie Goodwin TITLE Regulatory Technician DATE 06/23/2009

*(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.

FOR RECORD
JUN 26 2009
FARMINGTON FIELD OFFICE
BY [Signature]

7/9

API # 30-039-30603		San Juan 28-6 Unit 167N			
Ojo Alamo	2188'	2332'	White, cr-gr ss.	Ojo Alamo	2188'
Kirtland	2332'	2550'	Gry sh interbedded w/tight, gry, fine-gr ss.	Kirtland	2332'
Fruitland	2550'	2940'	Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss.	Fruitland	2550'
Pictured Cliffs	2940'	3112'	Bn-Gry, fine grn, tight ss.	Pic.Cliffs	2940'
Lewis	3112'	3497'	Shale w/siltstone stringers	Lewis	3112'
Huerfanito Bentonite	3497'	3870'	White, waxy chalky bentonite	Huerfanito Bent.	3497'
Chacra	3870'	4474'	Gry fn grn silty, glauconitic sd stone w/drk gry shale	Chacra	3870'
Mesa Verde	4474'	4708'	Light gry, med-fine gr ss, carb sh & coal	Mesa Verde	4474'
Menefee	4708'	5150'	Med-dark gry, fine gr ss, carb sh & coal	Menefee	4708'
Point Lookout	5150'	5593'	Med-light gry, very fine gr ss w/frequent sh breaks in lower part of formation	Point Lookout	5150'
Mancos	5593'	6312'	Dark gry carb sh.	Mancos	5593'
Gallup	6312'	7052'	Lt gry to brn calc carb micac glauc silts & very fine gr gry ss w/irreg. interbed sh	Gallup	6312'
Greenhorn	7052'	7116'	Highly calc gry sh w/thin lmst.	Greenhorn	7052'
Graneros	7116'	7150'	Dk gry shale, fossil & carb w/pyrite incl.	Graneros	7116'
Dakota	7150'		Lt to dk gry foss.carb sl calc sl silty ss w/pyrite incl thin sh bands clay Y shale breaks	Dakota	7150'
Morrison			Interbed grn, brn & red waxy sh & fine to coarse grn ss	Morrison	

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5 LEASE DESIGNATION AND SERIAL NO

SF - 079049 - B

6 IF INDIAN, ALLOTTEE OR TRIBE NAME

7 UNIT AGREEMENT NAME

San Juan 28-6 Unit *WMM - 76412A-MU*

8 FARM OR LEASE NAME, WELL NO

San Juan 28-6 Unit 167N

9 API WELL NO

30-039-30603 - 0007

10 FIELD AND POOL, OR WILDCAT

Blanco Mesa Verde

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

Sec. 4 T27N R6W, NMPM

RCVD JUL 1 '09
OIL CONS. DIV.

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 Unit N (SESW) 1160' FSL, 2440' 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

Bio Arriba

13 STATE

New Mexico DIST. 3

15 DATE SPUNDED 03/02/2009 16 DATE T.D REACHED 03/11/2009 17. DATE COMPL (Ready to prod.) 06/08/2009

18 ELEVATIONS (DF, RKB, RT, BR, ETC.) GL 6223' KB 6238'

19. ELEV. CASINGHEAD

20 TOTAL DEPTH, MD & TVD 7373' 21 PLUG, BACK T D, MD & TVD 7370'

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 4572' - 5472'

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"	32.3# H-40	228'	12 1/4"	surface; 68 sx (109 cf)	1 bbls
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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	7309'	

31 PERFORATION RECORD (Interval, size and number)

PTL/LMF .34 diam 1 SPF 4897', 4924', 4928', 4932', 4952', 4954', 4958', 5056', 5060', 5062', 5066', 5120', 5122', 5164', 5170', 5174', 5200', 5202', 5294', 5206', 5208', 5210', 5230', 5236', 5472' = 25 holes
UMF/Cliifhouse .34 diam 1 SPF 4572', 4576', 4580', 4588', 4592', 4606', 4612', 4616', 4620', 4632', 4636', 4640', 4644', 4648', 4652', 4660', 4671', 4674', 4678', 4688', 4692', 4696', 4702', 4736', 4835' = 25 holes
Total Holes 50

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

4897' - 5472'	Acidize w/10 bbls 15% HCL & 10 bbls Slick Foam Pad acid. Frac w/48,258 gals 60Q N2 slick foam w/99,288# 20/40 Arizona Sand. Total N2 1,014,000 SCF
4572' - 4835'	Acidize w/500 gals 15% HCL acid across perms. Set Packer @ 4035'. PT csg 500#. Hold w/acidize. PT 5100#/30 minutes Good Test. Break down perms. Establish injection. Pumped 30 bbls 2 KLC water flush. Release packer.
4572' - 4835'	Acidize w/10bbls 60% slick foam pad acid. Frac w/ 47,460 gals 60Q N2 slick foam w/107,646# 20/40 Arizona Sand. Total N2 1,075,000 SCF

33. PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump)					WELL STATUS (Producing or shut-in)	
SI		Flowing					SI	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N FOR TEST PERIOD	OIL--BBL	GAS--MCF	WATER--BBL	GAS-OIL RATIO	
06/01/2009	1	1/2"	→		54 mcf/h	.08 bwp/d		
FLOW TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL--BBL	GAS--MCF	water-BBL	OIL GRAVITY-API (CORR.)		
157#	588#	→		1304 bwpd	2 mscf/d			

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

To be sold

TEST WITNESSED BY

35 LIST OF ATTACHMENTS

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SIGNED *Jamie Goodwin* TITLE Regulatory Technician

DATE

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