

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
Expires December 31, 1991

RECEIVED

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"/>		NOV 17 2011	
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"/>		Farmington Field Office Bureau of Land Management	
2. NAME OF OPERATOR Burlington Resources Oil & Gas Company		9. API WELL NO 30-039-30725-0002	
3. ADDRESS AND TELEPHONE NO. PO BOX 4289, Farmington, NM 87499 (505) 326-9700		10. FIELD AND POOL, OR WILDCAT BASIN MANCOS	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface K (NESW) 2080' FSL & 1340' FWL At top prod interval reported below Same As Above At total depth Same As Above		11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Sec. 4, T30N, R5W	
14. PERMIT NO		DATE ISSUED	
15. DATE SPUNDED 5/18/11		16. DATE T D REACHED 6/28/11	
17. DATE COMPL. (Ready to prod) 10/27/11-GRS		18. ELEVATIONS (DF, RKB, RT, BR, ETC)* 6,429'-GL / 6,444'-KB	
20. TOTAL DEPTH, MD & TVD 8,130'		21. PLUG, BACK T D, MD & TVD 8,106'	
22. IF MULTIPLE COMPL., HOW MANY* 3		23. INTERVALS DRILLED BY ROTARY TOOLS yes	
24. PRODUCTION INTERVAL (S) OF THIS COMPLETION-TOP, BOTTOM, NAME (MD AND TVD)* BASIN MANCOS 6,810' - 7,245'		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	
9 5/8", H-40		32.3#	
7", J-55		20#	
4 1/2", L-80		11.6#	
DEPTH SET (MD)		HOLE SIZE	
233'		12 1/4"	
3724'		8 3/4"	
8125'		6 1/4"	
TOP OF CEMENT, CEMENTING RECORD		AMOUNT PULLED	
Surface, 76 sx(122cf)		5 bbls	
Surface, 498 sx(1049cf)		67 bbls	
Stage Tool @ 3,116'			
TOC @ 3,800'/321 sx (479cf)			
29. LINER RECORD			
SIZE		TOP (MD)	
2 3/8", 4.7#		8,057'	
30. TUBING RECORD			
SIZE		DEPTH SET (MD)	
2 3/8", 4.7#		8,057'	
31. PERFORATION RECORD (Interval, size and number)			
Lower Mancos w/ .34" diam 3 SPF @ 7,075'-7,245' = 54 holes Upper Mancos w/ .34" diam 2 SPF @ 6,810' - 6,980' = 36 holes Total Holes = 90			
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC			
7,075' - 7,245'			
Frac w/ 157,164 gal slickwater w/ 7500# 100 Mesh sand & 88,815# 40/70 Mesh sand.			
6,810' - 6,980'			
Frac w/ 131,082 gal slickwater w/ 7520# 100 Mesh sand & 84,264# 40/70 Mesh sand.			
33. PRODUCTION			
DATE FIRST PRODUCTION 10/27/11-GRS		PRODUCTION METHOD (Flowing, gas lift, pumping-size and type of pump) FLOWING	
DATE OF TEST 11/10/11		WELL STATUS (Producing or shut-in) SI	
HOURS TESTED 1		CHOKE SIZE 1/2"	
PROD'N FOR TEST PERIOD 11/10/11		OIL-BBL 0	
GAS-MCF 15 mcf/h		WATER-BBL 1/2 bw/h	
FLOW TUBING PRESS SI-323PSI		CASING PRESSURE SI-793PSI	
CALCULATED 24-HOUR RATE 0		OIL-BBL 359 mcf/d	
GAS-MCF 13 bw/d		WATER-BBL	
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 Mancos/Basin Dakota being commingled by DHC Order #4463.			
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 11/15/11		DATE 11/15/11	

*(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

NMOC

AV

FARMINGTON FIELD OFFICE
BY SA

PC

API#30-039-30725			CAT DRAW 1F		
Ojo Alamo	2490'	2659'	White, cr-gr ss.	Ojo Alamo	2490'
Kirtland	2659'	3150'	Gry sh interbedded w/tight, gry, fine-gr ss.	Kirtland	2659'
Fruitland	3150'	3415'	Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss.	Fruitland	3150'
Pictured Cliffs	3415'	3593'	Bn-Gry, fine grn, tight ss.	Pic.Cliffs	3415'
Lewis	3593'	4163'	Shale w/siltstone stringers	Lewis	3593'
Huerfanito Bentonite	4163'	4240'	White, waxy chalky bentonite	Huerfanito Bent.	4163'
Chacra	4240'	5098'	Gry fn grn silty, glauconitic sd stone w/drak gry shale	Chacra	4240'
Mesa Verde	5098'	5408'	Light gry, med-fine gr ss, carb sh & coal	Mesa Verde	5098'
Menefee	5408'	5702'	Med-dark gry, fine gr ss, carb sh & coal	Menefee	5408'
Point Lookout	5702'	6100'	Med-light gry, very fine gr ss w/frequent sh breaks in lower part of formation	Point Lookout	5702'
Mancos	6100'	6944'	Dark gry carb sh.	Mancos	6100'
Gallup	6944'	7671'	Lt gry to brn calc carb micac glauc silts & very fine gr gry ss w/irreg. interbed sh	Gallup	6944'
Greenhorn	7671'	7715'	Highly calc gry sh w/thin lmst.	Greenhorn	7671'
Graneros	7715'	7821'	Dk gry shale, fossil & carb w/pyrite incl.	Graneros	7715'
Dakota	7821'	8130'	Lt to dk gry foss carb sl calc sl silty ss w/pyrite incl thin sh bands clay Y shale breaks	Dakota	7821'
Morrison			Interbed grn, brn & red waxy sh & fine to coarse grn ss	Morrison	

Rc

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

NM-4456

6 IF INDIAN, ALLOTTEE OR TRIBE NAME

7 UNIT AGREEMENT NAME

Report to Lease

8 FARM OR LEASE NAME, WELL NO

CAT DRAW 1F

9 API WELL NO

30-039-30725-0001

10 FIELD AND POOL, OR WILDCAT

BASIN DAKOTA

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

Sec. 4, T30N, R5W

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a TYPE OF WELL:

OIL WELL ☐ GAS WELL ☒ DRY ☐ Other ☐

NOV 17 2011

b TYPE OF COMPLETION:

NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF RESVR ☐ Other ☐

Farmington Field Office
Bureau of Land Management

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 K (NESW) 2080' FSL & 1340' 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 SPUDDED

5/18/11

16 DATE T D REACHED

6/28/11

17 DATE COMPL (Ready to prod)

11/4/11-GRS

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

6,429'-GL / 6,444'-KB

19. ELEV CASINGHEAD

20 TOTAL DEPTH, MD & TVD

8,130'

21 PLUG, BACK T D, MD & TVD

8,106'

22 IF MULTIPLE COMPL, HOW MANY*

3

23 INTERVALS DRILLED BY

ROTARY TOOLS

CABLE TOOLS

yes

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

BASIN DAKOTA 7,958' - 7,995'

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#	233'	12 1/4"	Surface, 76 sx(122cf)	5 bbls
7", J-55	20#	3724'	8 3/4"	Surface, 498 sx(1049cf)	67 bbls
4 1/2", L-80	11.6#	8125'	6 1/4"	Stage Tool @ 3,116'	
				TOC @ 3,800/321 sx (479cf)	

29 LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 3/8", 4.7#		
						8,057'	

31 PERFORATION RECORD (Interval, size and number)

Dakota w/ .34" diam
2 SPF @ 7,958' - 7,995' = 30 holes

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

7,958' - 7,995'

Acidize w/ 10 bbls 15% HCL Acid. Frac w/ 41,286 gal
70Q N2 slickfoam w/ 40,120# 20/40 Brady sand
N2: 2,619,700scf.

33

PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut in)	
11/4/11-GRS		FLOWING				SI	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N FOR TEST PERIOD	OIL-BBL	GAS-MCF	WATER-BBL	GAS-OIL RATIO
11/10/11	1	1/2"	→	0	12 mcf/h	1/4 bw/h	
FLOW TUBING PRESS	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL-BBL	GAS-MCF	WATER-BBL	OIL GRAVITY-API (CORR.)	
SI-323PSI	SI-793PSI	→	0	288 mcf/d	11 bw/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 Mancos/Basin Dakota being commingled by DHC Order #4463.

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

11/15/11

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

NOV 18 2011

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

NMOC

FARMINGTON FIELD OFFICE
BY *[Signature]*

PC

API#30-039-30725		CAT DRAW 1F			
Ojo Alamo	2490'	2659'	White, cr-gr ss.	Ojo Alamo	2490'
Kirtland	2659'	3150'	Gry sh interbedded w/tight, gry, fine-gr ss.	Kirtland	2659'
Fruitland	3150'	3415'	Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss.	Fruitland	3150'
Pictured Cliffs	3415'	3593'	Bn-Gry, fine grn, tight ss.	Pic.Cliffs	3415'
Lewis	3593'	4163'	Shale w/siltstone stringers	Lewis	3593'
Huerfanito Bentonite	4163'	4240'	White, waxy chalky bentonite	Huerfanito Bent.	4163'
Chacra	4240'	5098'	Gry fn grn silty, glauconitic sd stone w/drk gry shale	Chacra	4240'
Mesa Verde	5098'	5408'	Light gry, med-fine gr ss, carb sh & coal	Mesa Verde	5098'
Menefee	5408'	5702'	Med-dark gry, fine gr ss, carb sh & coal	Menefee	5408'
Point Lookout	5702'	6100'	Med-light gry, very fine gr ss w/frequent sh breaks in lower part of formation	Point Lookout	5702'
Mancos	6100'	6944'	Dark gry carb sh.	Mancos	6100'
Gallup	6944'	7671'	Lt gry to brn calc carb micac glauc silts & very fine gr gry ss w/irreg. interbed sh	Gallup	6944'
Greenhorn	7671'	7715'	Highly calc gry sh w/thin lmst.	Greenhorn	7671'
Graneros	7715'	7821'	Dk gry shale, fossil & carb w/pyrite incl.	Graneros	7715'
Dakota	7821'	8130'	Lt to dk gry foss carb sl calc sl silty ss w/pyrite incl thin sh bands clay Y shale breaks	Dakota	7821'
Morrison			Interbed grn, brn & red waxy sh & fine to coarse grn ss	Morrison	

PC

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
Expires December 31, 1991

RECEIVED

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"/>		NOV 17 2011	
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"/>		Farmington Field Office Bureau of Land Management	
2. NAME OF OPERATOR Burlington Resources Oil & Gas Company		9 API WELL NO 30-039-30725-0003	
3 ADDRESS AND TELEPHONE NO. PO BOX 4289, Farmington, NM 87499 (505) 326-9700		10 FIELD AND POOL, OR WILDCAT BLANCO MESA VERDE	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface K (NESW) 2080' FSL & 1340' FWL At top prod interval reported below Same As Above At total depth Same As Above		11 SEC, T, R, M, OR BLOCK AND SURVEY OR AREA Sec. 4, T30N, R5W	
14 PERMIT NO.		DATE ISSUED	
15. DATE SPUNDED 5/18/11		16. DATE T D REACHED 6/28/11	
17. DATE COMPL. (Ready to prod) 10/24/11-GRS		18 ELEVATIONS (DF, RKB, RT, BR, ETC)* 6,429'-GL / 6,444'-KB	
19. ELEV. CASINGHEAD		20 TOTAL DEPTH, MD & TVD 8,130'	
21 PLUG, BACK T D, MD & TVD 8,106'		22. IF MULTIPLE COMPL., HOW MANY* 3	
23 INTERVALS DRILLED BY		ROTARY TOOLS yes	
24 PRODUCTION INTERVAL (S) OF THIS COMPLETION-TOP, BOTTOM, NAME (MD AND TVD)* BLANCO MESA VERDE 5,105' - 5992'		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	
9 5/8", H-40		32.3#	
DEPTH SET (MD)		HOLE SIZE	
233'		12 1/4"	
TOP OF CEMENT, CEMENTING RECORD		AMOUNT PULLED	
Surface, 76 sx(122cf)		5 bbls	
7", J-55		20#	
3724'		8 3/4"	
Stage Tool @ 3,116'		67 bbls	
4 1/2", L-80		11.6#	
8125'		6 1/4"	
TOC @ 3,800/321 sx (479cf)			
29 LINER RECORD		30 TUBING RECORD	
SIZE		TOP (MD)	
BOTTOM (MD)		SACKS CEMENT*	
SCREEN (MD)		SIZE	
2 3/8", 4.7#		DEPTH SET (MD)	
8,057'		PACKER SET (MD)	
31 PERFORATION RECORD (Interval, size and number)		32 ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
Point Lookout w/ .34" diam 1 SPF @ 5,610' - 5,992' = 17 holes Menefee / Cliffhouse w/ .34" diam 1 SPF @ 5,105' - 5,496' = 24 holes Total Holes = 41		5,610' - 5,992' Acidize w/ 10 bbls 15% HCL Acid. Frac w/ 32,172 gal 70Q N2 slickfoam w/ 42,496# 20/40 Brady sand. N2: 1,202,100scf.	
		5,105' - 5,496' Frac w/ 34,608 gal 70Q N2 slickfoam w/ 39,624# 20/40 Brady sand. N2: 1,151,100scf.	
33 PRODUCTION		WELL STATUS (Producing or shut-in)	
DATE FIRST PRODUCTION 10/24/11-GRS		SI	
PRODUCTION METHOD (Flowing, gas lift, pumping-size and type of pump) FLOWING		DATE OF TEST 11/10/11	
HOURS TESTED 1		CHOKE SIZE 1/2"	
PROD'N FOR TEST PERIOD		OIL-BBL 0	
GAS-MCF 21mcf/h		WATER-BBL 3/4 bw/h	
FLOW TUBING PRESS SI-323PSI		CASING PRESSURE SI-793PSI	
CALCULATED 24-HOUR RATE		OIL-BBL 0	
GAS-MCF 508 mcf/d		WATER-BBL 18 bw/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 Mancos/Basin Dakota being commingled by DHC Order #4463.			
36 I hereby certify that the foregoing and attached information is complete and correct as determined from all available records			
SIGNED <u>Danise Journey</u>		TITLE Staff Regulatory Technician	
DATE		ACCEPTED FOR RECORD 11/15/11	

*(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

NMCD

FARMINGTON FIELD OFFICE
BY SA

NOV 18 2011

API#30-039-30725		CAT DRAW 1F			
Ojo Alamo	2490'	2659'	White, cr-gr ss.	Ojo Alamo	2490'
Kirtland	2659'	3150'	Gry sh interbedded w/tight, gry, fine-gr ss.	Kirtland	2659'
Fruitland	3150'	3415'	Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss.	Fruitland	3150'
Pictured Cliffs	3415'	3593'	Bn-Gry, fine grn, tight ss.	Pic. Cliffs	3415'
Lewis	3593'	4163'	Shale w/siltstone stringers	Lewis	3593'
Huerfanito Bentonite	4163'	4240'	White, waxy chalky bentonite	Huerfanito Bent.	4163'
Chacra	4240'	5098'	Gry fn grn silty, glauconitic sd stone w/drk gry shale	Chacra	4240'
Mesa Verde	5098'	5408'	Light gry, med-fine gr ss, carb sh & coal	Mesa Verde	5098'
Menefee	5408'	5702'	Med-dark gry, fine gr ss, carb sh & coal	Menefee	5408'
Point Lookout	5702'	6100'	Med-light gry, very fine gr ss w/frequent sh breaks in lower part of formation	Point Lookout	5702'
Mancos	6100'	6944'	Dark gry carb sh.	Mancos	6100'
Gallup	6944'	7671'	Lt gry to brn calc carb micac glauc silts & very fine gr gry ss w/irreg. interbed sh	Gallup	6944'
Greenhorn	7671'	7715'	Highly calc gry sh w/thin lmst.	Greenhorn	7671'
Graneros	7715'	7821'	Dk gry shale, fossil & carb w/pyrite incl.	Graneros	7715'
Dakota	7821'	8130'	Lt to dk gry foss carb sl calc sl silty ss w/pyrite incl thin sh bands clay Y shale breaks	Dakota	7821'
Morrison			Interbed grn, brn & red waxy sh & fine to coarse grn ss	Morrison	

PC