

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

NM-03187

6 IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

NMNM-73198

8. FARM OR LEASE NAME, WELL NO

Cain 1C

9 API WELL NO

2009 30-045-34889-0002

10 FIELD AND POOL, OR WILDCAT

Blanco Mesaverde

11 SEC. T. R. M. OR BLOCK AND SURVEY
Old COR AREA

Sec. 20, T31N, R10W

DIST. 3

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 ☐

RECEIVED

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 F (SENW), 1455' FNL & 1895' 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

San Juan

13 STATE

New Mexico

15 DATE SPUDDED

04/13/2009

16. DATE T.D. REACHED

05/04/2009

17. DATE COMPL. (Ready to prod.)

10/20/2009

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

GL 6032' KB 6048'

19 ELEV. CASINGHEAD

20 TOTAL DEPTH, MD & TVD

7353'

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

7350'

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 4308' - 5300'

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#	242'	12 1/4"	Surface, 266sx(311cf-55bbbs)	20 bbbs
7" / J-55	20#	3012'	8 3/4"	Surface, 458sx(927cf-165bbbs)	63 bbbs
4 1/2" / L-80	11.6#	7351'	6 1/4"	TOC@2560', 438sx(635cf-126bbbs)	

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	7256'	

31 PERFORATION RECORD (Interval, size and number)

Point Lookout / Lower Menefee w/ .34" diam.

1SPF @ 5300' - 4760' = 26 Holes

Upper Menefee/Climhouse w/ .34" diam.

1SPF @ 4618' - 4308' = 25 Holes

Mesaverde Total Holes = 51 ✓

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

5300' - 4760'	Acidize w/ 10bbbs 15% HCL. Frac w/ 124,240gals 60% SlickWater w/ 106,499# 20/40 Arizona Sand. N2:1,075,900SCF.
4618' - 4308'	Acidize w/ 10bbbs 15% HCL. Frac w/ 117,705gals 60% SlickWater w/ 105,591# 20/40 Arizona Sand. N2:1,035,700SCF.

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
10/14/2009 ✓	1 hr.	1/2"	→	0	52 mcf/h	trace	
FLOW. TUBING PRESS	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL--BBL	GAS--MCF	WATER--BBL	OIL GRAVITY-API (CORR)	
SI - 243psi	SI - 372psi	→	0	1254 mcf/d ✓	9 bwpd ✓		

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 # 3050AZ

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

SIGNED

Crystal Tajoya

TITLE

Regulatory Technician

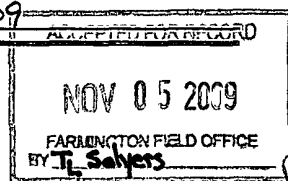
DATE

11/3/09

(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.

11/10/09



201/02/02

API # 30-045-34889		Cain 1C			
Ojo Alamo	1184'	1238'	White, cr-gr ss.	Ojo Alamo	1184'
Kirtland	1238'	2300'	Gry sh interbedded w/tight, gry, fine-gr ss.	Kirtland	1238'
Fruitland	2300'	2767'	Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss.	Fruitland	2300'
Pictured Cliffs	2767'	2958'	Bn-Gry, fine grn, tight ss.	Pic.Cliffs	2767'
Lewis	2958'	3474'	Shale w/siltstone stringers	Lewis	2958'
Huerfanito Bentonite	3474'	3834'	White, waxy chalky bentonite	Huerfanito Bent.	3474'
Chacra	3834'	4271'	Gry fn grn silty, glauconitic sd stone w/dr k gry shale	Chacra	3834'
Mesa Verde	4271'	4583'	Light gry, med-fine gr ss, carb sh & coal	Mesa Verde	4271'
Menefee	4583'	4986'	Med-dark gry, fine gr ss, carb sh & coal	Menefee	4583'
Point Lookout	4986'	5424'	Med-light gry, very fine gr ss w/frequent sh breaks in lower part of formation	Point Lookout	4986'
Mancos	5424'	6295'	Dark gry carb sh.	Mancos	5424'
Gallup	6295'	7024'	Lt gry to brn calc carb micac glauc silts & very fine gr gry ss w/irreg. interbed sh	Gallup	6295'
Greenhorn	7024'	7075'	Highly calc gry sh w/thin lmst.	Greenhorn	7024'
Graneros	7075'	7129'	Dk gry shale, fossil & carb w/pyrite incl.	Graneros	7075'
Dakota	7129'		Lt to dk gry foss carb sl calc sl silty ss w/pyrite incl thin sh bands clay Y shale breaks	Dakota	7129'
Morrison			Interbed grn, brn & red waxy sh & fine to coarse grn ss	Morrison	

90

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

NM-03187

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

NMNM-121812

8. FARM OR LEASE NAME, WELL NO

Cain 1C

9. API WELL NO.

30-045-34889-0001

10. FIELD AND POOL, OR WILDCAT

Basin Dakota

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

OIL CONS. DIV.
Sec. 20, T31N, R10W
DIST. 3

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 F (SENW), 1455' FNL & 1895' 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

San Juan

13. STATE

New Mexico

15. DATE SPUDDED

04/13/2009

16. DATE T.D. REACHED

05/04/2009

17. DATE COMPL. (Ready to prod.)

10/20/2009

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

GL 6032'

KB 6048'

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD

7353'

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

7350'

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)*

Basin Dakota 7130' - 7332'

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#	242'	12 1/4"	Surface, 266sx(311cf-55bbbls)	20 bbbls
7" / J-55	20#	3012'	8 3/4"	Surface, 458sx(927cf-165bbbls)	63 bbbls
4 1/2" / L-80	11.6#	7351'	6 1/4"	TOC@2560', 438sx(635cf-126bbbls)	

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	7256'	

31. PERFORATION RECORD (Interval, size and number)

Dakota w/ .34" diam.
2SPF @ 7332' - 7260' = 24 Holes
1SPF @ 7246' - 7130' = 26 Holes

Dakota Total Holes = 50 ✓

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

7130' - 7332'

Acidize w/ 10bbbls 15% HCL. Frac w/ 207,580gals 85% SlickWater w/ 24,738# 20/40 Arizona Sand.
N2:4,461,700SCF.

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
10/20/2009 ✓	1 hr.	1/2"	→	0	40 mcf/h	trace	

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL-BBL	GAS-MCF	WATER-BBL	OIL GRAVITY-API (CORR)
SI - 243psi	SI - 372psi	→	0	971 mcf/d ✓	4 bwpd ✓	

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 # 3050AZ

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

SIGNED Crystal Tafaia TITLE

Regulatory Technician

DATE 11/3/2009

(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 or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

NMOC

11/10/09

ACCEPTED FOR RECORD

NOV 05 2009

FARMINGTON FIELD OFFICE
BY T. Salyers

20/10/02

API # 30-045-34889			Cain 1C		
Ojo Alamo	1184'	1238'	White, cr-gr ss.	Ojo Alamo	1184'
Kirtland	1238'	2300'	Gry sh interbedded w/tight, gry, fine-gr ss.	Kirtland	1238'
Fruitland	2300'	2767'	Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss.	Fruitland	2300'
Pictured Cliffs	2767'	2958'	Bn-Gry, fine grn, tight ss.	Pic. Cliffs	2767'
Lewis	2958'	3474'	Shale w/siltstone stringers	Lewis	2958'
Huerfano Bentonite	3474'	3834'	White, waxy chalky bentonite	Huerfano Bent.	3474'
Chacra	3834'	4271'	Gry fn grn silty, glauconitic sd stone w/drck gry shale	Chacra	3834'
Mesa Verde	4271'	4583'	Light gry, med-fine gr ss, carb sh & coal	Mesa Verde	4271'
Menefee	4583'	4986'	Med-dark gry, fine gr ss, carb sh & coal	Menefee	4583'
Point Lookout	4986'	5424'	Med-light gry, very fine gr ss w/frequent sh breaks in lower part of formation	Point Lookout	4986'
Mancos	5424'	6295'	Dark gry carb sh.	Mancos	5424'
Gallup	6295'	7024'	Lt gry to brn calc carb micac glauc silts & very fine gr gry ss w/irreg. interbed sh	Gallup	6295'
Greenhorn	7024'	7075'	Highly calc gry sh w/thin lmst.	Greenhorn	7024'
Graneros	7075'	7129'	Dk gry shale, fossil & carb w/pyrite incl.	Graneros	7075'
Dakota	7129'		Lt to dk gry foss carb sl calc sl silty ss w/pyrite incl thin sh bands clay Y shale breaks	Dakota	7129'
Morrison			Interbed grn, brn & red waxy sh & fine to coarse grn ss	Morrison	