

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTSUBMIT IN DUPLICATE\*  
(See other instructions on reverse side)FOR APPROVED  
OMB NO 1004-0137

Expires December 31, 1991

AMENDED

5 LEASE DESIGNATION AND SERIAL NO

SF-079266

6 IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8 FARM OR LEASE NAME, WELL NO

VAUGHN 30N

9 API WELL NO

30-039-30533

10. FIELD AND POOL, OR WILDCAT  
11. SEC., T., R., M., OR BLOCK AND SURVEY  
OR AREA

Sec. 28, T26N, 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 &amp; 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 (NE/SW), 2520' FSL &amp; 1595' FWL

At top prod interval reported below N (SE/SW), 1107' FSL &amp; 1837' FWL

At total depth N (SE/SW), 1107' FSL &amp; 1837' FWL

14 PERMIT NO DATE ISSUED

12 COUNTY OR PARISH

Rio Arriba

13 STATE

New Mexico

15 DATE SPUNDED

01/24/11

16 DATE T D REACHED

02/15/11

17 DATE COMPL (Ready to prod)

07/07/11 GRC

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

GL 6427' KB 6442'

19 ELEV CASINGHEAD

20 TOTAL DEPTH, MD &amp; TVD

MD 7577' / 7267' VD

21 PLUG, BACK T D, MD &amp; TVD

MD 7553' / 7243' 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 7209' - 7497'

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)	5bbls
7" / J-55	23#	4470'	8 3/4"	Surface, 621sx(1262cf-225bbls)	74bbls
4 1/2" / L-80	11.6#	7573'	6 1/4"	TOC@3850', 234sx(474cf-84bbls)	

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"	7450'	
					4.7# / L-80		

31 PERFORATION RECORD (Interval, size and number)

32 ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC

Dakota w/ .34" diam. 2SPF @ 7464', 7425', 7368', 7344', & 7295' = 10 Holes 1SPF @ 7209' - 7348' = 20 Holes 2SPF @ 7366' - 7466' = 28 Holes w/.40" diam. 2SPF @ 7497', 7495' & 7487' = 6 Holes.(not stimulated) DK Total Holes = 64	7209' - 7466'	Pumped 2% KCL. Acidize 15% HCL. Frac'd w/ 47,922gals 70% Foam Slickwater pad w/ 41,988# 20/40 TLC Sand. Flushed 109bbls fluid flush. N2:2,223,000SCF.
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33 PRODUCTION

DATE FIRST PRODUCTION PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)

07/07/11 GRC

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
07/12/11	1hr.	1/2"		0 / boph	18 mcf / h	1/2 / bwph	

FLOW TUBING PRESS	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL-BBL	GAS-MCF	WATER-BBL	OIL GRAVITY API (CORR)
SI-5psi	SI-638psi		0 / bopd	427 mcf / d	12 / bwpd	

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

TEST WITNESSED BY

To be sold

35 LIST OF ATTACHMENTS

This is a Blanco Mesaverde / Basin Dakota commingled well under DHC order 2912AZ.

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

SIGNED

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.

NMOCDA

FARMINGTON FIELD OFFICE  
BY scv

JUL 21 2011

PC

API # 30-039-30533			VAUGHN 30N		
Ojo Alamo	2092'	2248'	White, cr-gr ss.	Ojo Alamo	2092'
Kirtland	2248'	2526'	Gry sh interbedded w/tight, gry, fine-gr ss.	Kirtland	2248'
Fruitland	2526'	2823'	Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss.	Fruitland	2526'
Pictured Cliffs	2823'	3001'	Bn-Gry, fine grn, tight ss.	Pic.Cliffs	2823'
Lewis	3001'	3285'	Shale w/siltstone stringers	Lewis	3001'
Huerfanito Bentonite	3285'	3773'	White, waxy chalky bentonite	Huerfanito Bent.	3285'
Chacra	3773'	4588'	Gry fn grn silty, glauconitic sd stone w/drk gry shale	Chacra	3773'
Mesa Verde	4588'	4610'	Light gry, med-fine gr ss, carb sh & coal	Mesa Verde	4588'
Menefee	4610'	5180'	Med-dark gry, fine gr ss, carb sh & coal	Menefee	4610'
Point Lookout	5180'	5622'	Med-light gry, very fine gr ss w/frequent sh breaks in lower part of formation	Point Lookout	5180'
Mancos	5622'	6217'	Dark gry carb sh.	Mancos	5622'
Gallup	6217'	7093'	Lt gry to brn calc carb micac glauc silts & very fine gr gry ss w/irreg. interbed sh	Gallup	6217'
Greenhorn	7093'	7151'	Highly calc gry sh w/thin lmst.	Greenhorn	7093'
Graneros	7151'	7207'	Dk gry shale, fossil & carb w/pyrite incl.	Graneros	7151'
Dakota	7207'	7577'	Lt to dk gry foss carb sl calc sl silty ss w/pyrite incl thin sh bands clay Y shale breaks	Dakota	7207'

pc

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

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 **K (NE/SW), 2520' FSL & 1595' FWL**  
At top prod interval reported below **N (SE/SW), 1107' FSL & 1837' FWL**  
At total depth **N (SE/SW), 1107' FSL & 1837' FWL**

5 LEASE DESIGNATION AND SERIAL NO  
**SF-079266**

6 IF INDIAN, ALLOTTEE OR TRIBE NAME

7 UNIT AGREEMENT NAME  
**Report to Lease**

8 FARM OR LEASE NAME, WELL NO  
**VAUGHN 30N**

9 API WELL NO  
**30-039-30533-0001**

10 FIELD AND POOL, OR WILDCAT  
**BASIN DAKOTA**

11 SEC, T, R, M, OR BLOCK AND SURVEY OR AREA  
**Sec. 28, T26N, R6W**

14. PERMIT NO. DATE ISSUED

12 COUNTY OR PARISH **Rio Arriba** 13 STATE **New Mexico**

15. DATE SPUNDED **01/24/11** 16 DATE T D REACHED **02/15/11** 17 DATE COMPL (Ready to prod) **07/07/11 GRC** 18 ELEVATIONS (DF, RKB, RT, BR, ETC)\* **GL 6427' KB 6442'** 19 ELEV CASINGHEAD

20 TOTAL DEPTH, MD & TVD **MD 7577' / 7267' VD** 21 PLUG, BACK T D, MD & TVD **MD 7553' / 7243' VD** 22 IF MULTIPLE COMPL, HOW MANY\* **2** 23 INTERVALS DRILLED BY **yes** 24 WAS DIRECTIONAL SURVEY MADE **YES**

25 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)	5bbls
7" / J-55	23#	4470'	8 3/4"	Surface, 621sx(1262cf-225bbls)	74bbls
4 1/2" / L-80	11.6#	7573'	6 1/4"	TOC@3850', 234sx(474cf-84bbls)	

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"	7450'	

4.7# / L-80

31 PERFORATION RECORD (Interval, size and number)

Dakota w/ .34" diam.  
1SPF @ 7209' - 7348' = 24 Holes  
2SPF @ 7366' - 7466' = 34 Holes  
w/ .40" diam.  
2SPF @ 7497', 7495' & 7487' = 6 Holes.(not stimulated)  
DK Total Holes = 64

32 ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC

7209' - 7466'  
Pumped 2% KCL. Acidize 15% HCL. Frac'd w/ 47,922gals  
70% Foam Slickwater pad w/ 41,988# 20/40 TLC Sand.  
Flushed 109bbls fluid flush. N2:2,223,000SCF.

33 PRODUCTION

DATE FIRST PRODUCTION **07/07/11 GRC** PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump) **FLOWING** WELL STATUS (Producing or shut-in) **SI**

DATE OF TEST **07/12/11** HOURS TESTED **1hr.** CHOKER SIZE **1/2"** PROD'N FOR TEST PERIOD **0 / boph** OIL-BBL **18 mcf / h** GAS-MCF **1/2 / bwph** WATER-BBL

FLOW TUBING PRESS **SI-5psi** CASING PRESSURE **SI-638psi** CALCULATED 24-HOUR RATE **0 / bopd** OIL-BBL **427 mcf / d** GAS-MCF **12 / bwph** 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 Mesaville / Basin Dakota commingled well under DHC order 2912AZ.**

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

SIGNED **[Signature]** TITLE **Staff Regulatory Technician** DATE **07/15/11**

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

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

NMOCD 4

FARMINGTON FIELD OFFICE  
BY **Scw** **PC**

JUL 19 2011



API # 30-039-30533		VAUGHN 30N			
Ojo Alamo	2092'	2248'	White, cr-gr ss.	Ojo Alamo	2092'
Kirtland	2248'	2526'	Gry sh interbedded w/tight, gry, fine-gr ss.	Kirtland	2248'
Fruitland	2526'	2823'	Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss.	Fruitland	2526'
Pictured Cliffs	2823'	3001'	Bn-Gry, fine grn, tight ss.	Pic.Cliffs	2823'
Lewis	3001'	3285'	Shale w/siltstone stringers	Lewis	3001'
Huerfanito Bentonite	3285'	3773'	White, waxy chalky bentonite	Huerfanito Bent.	3285'
Chacra	3773'	4588'	Gry fn grn silty, glauconitic sd stone w/drk gry shale	Chacra	3773'
Mesa Verde	4588'	4610'	Light gry, med-fine gr ss, carb sh & coal	Mesa Verde	4588'
Menefee	4610'	5180'	Med-dark gry, fine gr ss, carb sh & coal	Menefee	4610'
Point Lookout	5180'	5622'	Med-light gry, very fine gr ss w/frequent sh breaks in lower part of formation	Point Lookout	5180'
Mancos	5622'	6217'	Dark gry carb sh.	Mancos	5622'
Gallup	6217'	7093'	Lt gry to brn calc carb micac glauc silts & very fine gr gry ss w/irreg. interbed sh	Gallup	6217'
Greenhorn	7093'	7151'	Highly calc gry sh w/thin lmst.	Greenhorn	7093'
Graneros	7151'	7207'	Dk gry shale, fossil & carb w/pyrite incl.	Graneros	7151'
Dakota	7207'	7577'	Lt to dk gry foss carb sl calc sl silty ss w/pyrite incl thin sh bands clay Y shale breaks	Dakota	7207'

PC

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BUREAU OF LAND MANAGEMENTSUBMIT IN DUPLICATE  
(See other instructions on reverse side)FOR APPROVED  
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Expires December 31, 1991

5 LEASE DESIGNATION AND SERIAL NO

SF-079266

6 IF INDIAN, ALLOTTEE OR TRIBE NAME

7 UNIT AGREEMENT NAME

8 FARM OR LEASE NAME, WELL NO

VAUGHN 30N

9 API WELL NO

30-039-30533-0002

10 FIELD AND POOL, OR WILDCAT

BLANCO MESAVERDE

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

Sec. 28, T26N, 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 &amp; Gas Company

3 ADDRESS AND TELEPHONE NO

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

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At surface K (NE/SW), 2520' FSL &amp; 1595' FWL

At top prod. interval reported below N (SE/SW), 1107' FSL &amp; 1837' FWL

At total depth N (SE/SW), 1107' FSL &amp; 1837' FWL

14. PERMIT NO. DATE ISSUED

12 COUNTY OR PARISH

Rio Arriba

13 STATE

New Mexico

15 DATE SPUDDED  
01/24/1116 DATE T D REACHED  
02/15/1117 DATE COMPL (Ready to prod.)  
07/07/11 GRC18 ELEVATIONS (DF, RKB, RT, BR, ETC.)  
GL 6427' KB 6442'

19. ELEV CASINGHEAD

20 TOTAL DEPTH, MD & TVD  
MD 7577' / 7267' VD21 PLUG, BACK T D, MD & TVD  
MD 7553' / 7243' VD22 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 5154' - 5504'

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-22bbbls)	5bbbls
7" / J-55	23#	4470'	8 3/4"	Surface, 621sx(1262cf-225bbbls)	74bbbls
4 1/2" / L-80	11.6#	7573'	6 1/4"	TOC@3850', 234sx(474cf-84bbbls)	

## 29 LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 3/8"	7450'	
					4.7# / L-80		

## 31 PERFORATION RECORD (Interval, size and number)

Point Lookout / Lower Menefee w/ .34" diam.  
1SPF @ 5154' - 5504' = 23 Holes

MV Total Holes = 23

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

5154' - 5504'

Pumped 2% KCL. Acidize w/ 12bbbls 15% HCL. Frac'd w/ 37,884gals 70% Quality N2 Slick Foam pad w/ 99,414# 20/40 Arizona Sand. Flushed 80bbbls fluid flush. N2:1,280,000SCF.

## 33 PRODUCTION

DATE FIRST PRODUCTION 07/07/11 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

07/12/11

1hr.

1/2"

0 / boph

28 mcf / h

1/2 / bwph

FLOW TUBING PRESS

CASING PRESSURE

CALCULATED 24-HOUR RATE

OIL-BBL

GAS-MCF

WATER-BBL

OIL GRAVITY-API (CORR)

SI-5psi

SI-638psi

0 / bopd

667 mcf / d

12 / bwpd

34 DISPOSITION OF GAS (Sold, 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 2912AZ.

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

SIGNED

TITLE

Staff Regulatory Technician

DATE

07/15/11

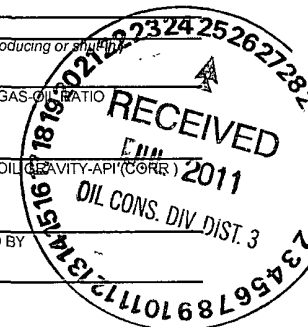
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FARMINGTON FIELD OFFICE  
BY scw

NMOCD 4

JUL 19 2011



API # 30-039-30533		VAUGHN 30N			
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Greenhorn	7093'	7151'	Highly calc gry sh w/thin lmst.	Greenhorn	7093'
Graneros	7151'	7207'	Dk gry shale, fossil & carb w/pyrite incl.	Graneros	7151'
Dakota	7207'	7577'	Lt to dk gry foss carb sl calc sl silty ss w/pyrite incl thin sh bands clay Y shale breaks	Dakota	7207'

pc