

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

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  
BASIN DAKOTA11 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

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.  
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

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.

CHOKE SIZE

1/2"

PROD'N FOR

TEST PERIOD

OIL-BBL

0 / boph

GAS-MCF

18 mcf / h

WATER-BBL

1/2 / bwph

FLOW TUBING PRESS

SI-5psi

CASING PRESSURE

SI-638psi

CALCULATED

24-HOUR RATE

OIL-BBL

0 / bopd

GAS-MCF

427 mcf / d

WATER-BBL

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

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.

NMOCD A

FARMINGTON FIELD OFFICE  
BY scv

JUL 21 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/drck 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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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

30-039-30533~00C1

10 FIELD AND POOL, OR WILDCAT

BASIN DAKOTA

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

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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

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

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12 COUNTY OR

PARISH

13 STATE

Rio Arriba

New Mexico

15 DATE SPUDDED

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.  
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

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 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

07/15/11

\*(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.

NMOCD 4

FARMINGTON FIELD OFFICE  
BY SCW PC

JUL 19 2011

ACCEPTED FOR RECORD



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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(See other instructions 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 <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> DRY <input type="checkbox"/> Other <input type="checkbox"/>		5 LEASE DESIGNATION AND SERIAL NO <b>SF-079266</b>	
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	
2 NAME OF OPERATOR <b>Burlington Resources Oil &amp; Gas Company</b>		7 UNIT AGREEMENT NAME <b>Report to Lease</b>	
3 ADDRESS AND TELEPHONE NO. <b>PO BOX 4289, Farmington, NM 87499 (505) 326-9700</b>		8 FARM OR LEASE NAME, WELL NO <b>VAUGHN 30N</b>	
4 LOCATION OF WELL (Report location clearly and in accordance with any State requirements) At surface <b>K (NE/SW), 2520' FSL &amp; 1595' FWL</b> At top prod interval reported below <b>N (SE/SW), 1107' FSL &amp; 1837' FWL</b> At total depth <b>N (SE/SW), 1107' FSL &amp; 1837' FWL</b>		9 API WELL NO <b>30-039-30533-0002</b>	
10 FIELD AND POOL, OR WILDCAT <b>BLANCO MESAVERDE</b>		11 SEC., T., R., M., OR BLOCK AND SURVEY OR AREA <b>Sec. 28, T26N, R6W</b>	
14 PERMIT NO		12 COUNTY OR PARISH <b>Rio Arriba</b>	
DATE ISSUED		13 STATE <b>New Mexico</b>	
15 DATE SPUDDED <b>01/24/11</b>	16 DATE T D REACHED <b>02/15/11</b>	17 DATE COMPL (Ready to prod) <b>07/07/11 GRC</b>	18 ELEVATIONS (DF, RKB, RT, BR, ETC)* <b>GL 6427' KB 6442'</b>
20 TOTAL DEPTH, MD & TVD <b>MD 7577' / 7267' VD</b>	21 PLUG, BACK T D, MD & TVD <b>MD 7553' / 7243' VD</b>	22 IF MULTIPLE COMPL, HOW MANY* <b>2</b>	23 INTERVALS DRILLED BY <b>yes</b>
24 PRODUCTION INTERVAL (S) OF THIS COMPLETION-TOP, BOTTOM, NAME (MD AND TVD)* <b>Blanco Mesaverde 5154' - 5504'</b>			25 WAS DIRECTIONAL SURVEY MADE <b>YES</b>
26 TYPE ELECTRIC AND OTHER LOGS RUN <b>GR/CCL/CBL</b>			27 WAS WELL CORED <b>No</b>

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)	

LINER RECORD				TUBING RECORD		
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	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.
Point Lookout / Lower Menefee w/ .34" diam. 1SPF @ 5154' - 5504' = 23 Holes MV Total Holes = 23	5154' - 5504' Pumped 2% KCL. Acidize w/ 12bbls 15% HCL. Frac'd w/ 37,884gals 70% Quality N2 Slick Foam pad w/ 99,414# 20/40 Arizona Sand. Flushed 80bbls fluid flush. N2:1,280,000SCF.

33 PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump)				WELL STATUS (Producing or shut in)	
DATE FIRST PRODUCTION <b>07/07/11 GRC</b>		<b>FLOWING</b>				<b>SI</b>	
DATE OF TEST <b>07/12/11</b>	HOURS TESTED <b>1hr.</b>	CHOKE SIZE <b>1/2"</b>	PROD'N FOR TEST PERIOD	OIL--BBL <b>0 / boph</b>	GAS--MCF <b>28 mcf / h</b>	WATER--BBL <b>1/2 / bwph</b>	GAS-OIL RATIO
FLOW TUBING PRESS <b>SI-5psi</b>	CASING PRESSURE <b>SI-638psi</b>	CALCULATED 24-HOUR RATE	OIL--BBL <b>0 / bopd</b>	GAS--MCF <b>667 mcf / d</b>	WATER--BBL <b>12 / bwpd</b>	OIL GRAVITY-API (CORE)	

34 DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) <b>To be sold</b>	TEST WITNESSED BY
--	-------------------

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

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

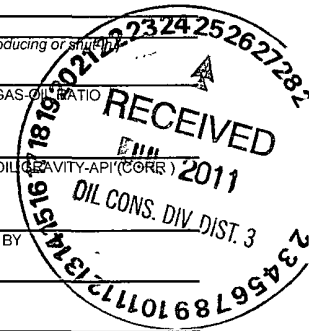
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FARMINGTON FIELD OFFICE  
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NMOC D 4

JUL 19 2011



API # 30-039-30533		VAUGHN 30N			
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pc