

RECEIVED

Form 3160-4  
(October 1990)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

JUL 26 2011

5 LEASE DESIGNATION AND SERIAL NO

JICARILLA CONTRACT 150

6 IF INDIAN, ALLOTTEE OR TRIBE NAME

JICARILLA

7 UNIT AGREEMENT NAME

8 FARM OR LEASE NAME, WELL NO

JICARILLA 150 8M

9 API WELL NO

30-039-30998-0002

10 FIELD AND POOL, OR WILDCAT

BLANCO MESAVERDE

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

Sec. 2, T26N, R5W

## 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 G (SW/NE), 1625' FNL &amp; 1560' FEL

At top prod interval reported below H (SE/NE), 2233' FNL &amp; 677' FEL

At total depth H (SE/NE), 2233' FNL &amp; 677' FEL

14. PERMIT NO DATE ISSUED

12 COUNTY OR  
PARISH

Rio Arriba

13 STATE

New Mexico

15 DATE SPUNDED  
04/29/1116 DATE T D REACHED  
05/19/1117 DATE COMPL (Ready to prod)  
07/12/11 GRC18 ELEVATIONS (DF, RKB, RT, BR, ETC)\*  
GL 6677' KB 6692'

19 ELEV CASINGHEAD

20 TOTAL DEPTH, MD &amp; TVD

MD 8004' / 7792' VD

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

MD 8001' / 7789' VD

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 5180' - 6120'

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#	324'	12 1/4"	Surface, 100sx(158cf-30bbbls)	1/2bbl
7" / J-55	23#	3809'	8 3/4"	Surface, 519sx(1055cf-188bbbls)	35bbbls
4 1/2" / L-80	11.6#	8002'	6 1/4"	TOC@1834', 299sx(601cf-107bbbls)	

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"	7904'	
					4.7# / L-80		

31 PERFORATION RECORD (Interval, size and number)

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

Point Lookout / LMF w/ .34" diam.  
1SPF @ 5580'- 6120' = 24 Holes  
UMF / Cliffhouse w/.34" diam.  
1SPF @ 5180' - 5547' = 25 Holes.

MV Total Holes = 49

5580'- 6120'

Acidize w/ 10bbbls 15% HCL. Frac'd w/ 126,826gals 70%  
Quality N2 Slick/Foam w/ 100,578# 20/40 Brown Sand.  
Pumped 87bbbls flush. N2:1,441,600SCF.

5180'- 5547'

Frac'd w/ 108,584gals 70% Quality N2 Slick/Foam w/  
97,731# 20/40 Brown Sand. Pumped 77bbbls foamed flush.  
N2:1,255,500SCF.

33 PRODUCTION

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

07/12/11 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
07/18/11	1hr.	1/2"		trace / boph	20 mcf / h	trace / bwph

FLOW TUBING PRESS	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL--BBL	GAS--MCF	WATER--BBL
SI-730psi	SI-645psi		trace / bopd	491 mcf / d	3 / 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 3560AZ.

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

JUL 28 2011

FARMINGTON FIELD OFFICE  
BY SW

NMOCD A

PC

API # 30-039-30998		Jicarilla 150 8M			
Ojo Alamo	3034'	3231'	White, cr-gr ss.	Ojo Alamo	3034'
Kirtland	3231'	3423'	Gry sh interbedded w/tight, gry, fine-gr ss.	Kirtland	3231'
Fruitland	3423'	3610'	Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss.	Fruitland	3423'
Pictured Cliffs	3610'	3758'	Bn-Gry, fine grn, tight ss.	Pic.Cliffs	3610'
Lewis	3758'	4089'	Shale w/siltstone stringers	Lewis	3758'
Huerfanito Bentonite	4089'	4550'	White, waxy chalky bentonite	Huerfanito Bent.	4089'
Chacra	4550'	5170'	Gry fn grn silty, glauconitic sd stone w/drk gry shale	Chacra	4550'
Mesa Verde	5170'	5396'	Light gry, med-fine gr ss, carb sh & coal	Mesa Verde	5170'
Menefee	5396'	5772'	Med-dark gry, fine gr ss, carb sh & coal	Menefee	5396'
Point Lookout	5772'	6175'	Med-light gry, very fine gr ss w/frequent sh breaks in lower part of formation	Point Lookout	5772'
Mancos	6175'	6901'	Dark gry carb sh.	Mancos	6175'
Gallup	6901'	7698'	Lt gry to brn calc carb micac glauc silts & very fine gr gry ss w/irreg interbed sh	Gallup	6901'
Greenhorn	7698'	7752'	Highly calc gry sh w/thin lmst.	Greenhorn	7698'
Graneros	7752'	7803'	Dk gry shale, fossil & carb w/pyrite incl.	Graneros	7752'
Dakota	7803'	8004'	Lt to dk gry foss carb sl calc sl silty ss w/pyrite incl thin sh bands clay Y shale breaks	Dakota	7803'

80

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE\*

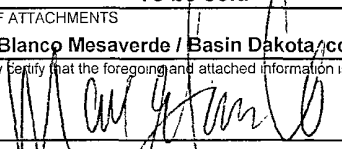
(See other instructions on reverse side)

FOR APPROVED

OMB NO 1004-0137

Expires December 31, 1991

## 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>JICARILLA CONTRACT 150</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 <b>JICARILLA</b>	
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>JICARILLA 150 8M</b>	
4 LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface <b>G (SW/NE), 1625' FNL &amp; 1560' FEL</b> At top prod interval reported below <b>H (SE/NE), 2233' FNL &amp; 677' FEL</b> At total depth <b>H (SE/NE), 2233' FNL &amp; 677' FEL</b>		9 API WELL NO <b>30-039-30998-0001</b>	
14 PERMIT NO. _____ DATE ISSUED _____		10 FIELD AND POOL, OR WILDCAT <b>BASIN DAKOTA</b>	
15 DATE SPUDDED <b>04/29/11</b>		11 SEC, T, R, M, OR BLOCK AND SURVEY OR AREA <b>Sec. 2, T26N, R5W</b>	
16 DATE T D REACHED <b>05/19/11</b>		12 COUNTY OR PARISH <b>Rio Arriba</b>	
17 DATE COMPL (Ready to prod) <b>07/13/11 GRC</b>		13 STATE <b>New Mexico</b>	
18 ELEVATIONS (DF, RKB, RT, BR, ETC)* <b>GL 6677' KB 6692'</b>		19 ELEV CASINGHEAD	
20 TOTAL DEPTH, MD & TVD <b>MD 8004' / 7792' VD</b>		21 PLUG, BACK T D, MD & TVD <b>MD 8001' / 7789' 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>Basin Dakota 7806' - 7977'</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>	
28 CASING RECORD (Report all strings set in well)			
CASING SIZE/GRADE <b>9 5/8" / H-40</b>		WEIGHT, LB / FT <b>32.3#</b>	
DEPTH SET (MD) <b>324'</b>		HOLE SIZE <b>12 1/4"</b>	
TOP OF CEMENT, CEMENTING RECORD <b>Surface, 100sx(158cf-30bbbls)</b>		AMOUNT PULLED <b>1/2bbl</b>	
7" / J-55 <b>23#</b>		Surface, 519sx(1055cf-188bbbls) <b>35bbbls</b>	
4 1/2" / L-80 <b>11.6#</b>		TOC@1834', 299sx(601cf-107bbbls)	
29 LINER RECORD			
SIZE <b>2 3/8"</b>		DEPTH SET (MD) <b>7904'</b>	
TOP (MD) <b>4.7# / L-80</b>		PACKER SET (MD)	
BOTTOM (MD)			
SACKS CEMENT*			
SCREEN (MD)			
31 PERFORATION RECORD (Interval, size and number) <b>Dakota w/ .34" diam. 2SPF @ 7806' - 7977' = 50 Holes DK Total Holes = 50</b>			
32 ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC <b>7806' - 7977'</b> <b>Acidize w/ 10bbbls 15% HCL. Frac'd w/ 133,182gals 70% Quality N2 Slick/Foam pad w/ 40,063# 20/40 Brown Sand. Pumped 118bbbls flush. N2:2,407,500SCF.</b>			
33 PRODUCTION			
DATE FIRST PRODUCTION <b>07/13/11 GRC</b>		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) <b>FLOWING</b>	
DATE OF TEST <b>07/19/11</b>		WELL STATUS (Producing or shut-in) <b>SI</b>	
HOURS TESTED <b>1hr.</b>		GAS-OIL RATIO	
CHOKE SIZE <b>1/2"</b>			
PROD'N FOR TEST PERIOD <b>0 / boph</b>			
OIL-BBL <b>0 / boph</b>			
GAS-MCF <b>36 mcf / h</b>			
WATER-BBL <b>trace / bwph</b>			
FLOW TUBING PRESS <b>SI-730psi</b>			
CASING PRESSURE <b>SI-645psi</b>			
CALCULATED 24-HOUR RATE <b>0 / bopd</b>			
OIL-BBL <b>0 / bopd</b>			
GAS-MCF <b>872 mcf / d</b>			
WATER-BBL <b>2 / bwpd</b>			
OIL GRAVITY-API (CORR)			
34 DISPOSITION OF GAS (Sold, used for fuel, vented, etc) <b>To be sold</b>			
35 LIST OF ATTACHMENTS <b>This is a Blanco Mesaverde / Basin Dakota commingled well under DHC order 3560AZ.</b>			
36 I hereby certify that the foregoing and attached information is complete and correct as determined from all available records			
SIGNED 		TITLE <b>Staff Regulatory Technician</b>	
DATE <b>07/25/11</b>		ACCEPTED FOR RECORD	

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pc