

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
Farmington Field Office

SUBMIT IN DUPLICATE

FOR APPROVED  
OMB NO. 1004-0137

Expires: December 31, 1991

5. LEASE DESIGNATION AND SERIAL NO.

USA SF-080511

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME, WELL NO.

Harrington 9M

9. API WELL NO.

30-039-30396

10. FIELD AND POOL, OR WILDCAT

Blanco MV/Basin DK

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

Sec. 31, T27N, R7W, NMPM

RCVD APR 25 '08

OIL CONS. DIV.

## 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, LP

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 Unit A (NENE) 670' FNL &amp; 815 FEL

At top prod. interval reported below Same as above

At total depth Same as above

14. PERMIT NO. DATE ISSUED

12. COUNTY OR  
PARISH DIST. 3

Rio Arriba

New Mexico

15. DATE SPUDDED 1/19/08 16. DATE T.D. REACHED 1/26/08 17. DATE COMPL. (Ready to prod.) 4/20/08

18. ELEVATIONS (OF, RKB, RT, BR, ETC.)\*  
GL 6675' KB 6690'

20. TOTAL DEPTH, MD &amp; TVD 7458' 21. PLUG, BACK T.D., MD &amp; TVD 7456' 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)\*

Blanco Mesaverde 5012' - 5396'

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
8 5/8", J-55	24#	995'	12 1/4"	surface; 981 sx (1356 cf)	110 bbls
4 1/2", L-80	11.6#	7457'	7 7/8"	TOC surface, 1112 sx (21166 cf)	23 bbls

## 29. LINER RECORD

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

## TUBING RECORD

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



.34" @ 1 SPF  
5012' - 5396' = 24 holes

total holes = 24

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

5012' - 5396' acidize w/10 bbls 15% HCL. Frac w/57,414 gals 80Q  
slickwater N2 foam w/130,000# 20/40 Brady Sand  
N2 = 1,370,100 SCF

## 33. PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)					WELL STATUS (Producing or shut-in)	
SI W/O Facilities		Flowing					SI	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N FOR TEST PERIOD	OIL-BBL	GAS-MCF	WATER-BBL	GAS-OIL RATIO	
4/13/08	1	1/2"		0 boph	3.75 mcfh	0		
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL-BBL	GAS-MCF	WATER-BBL	OIL GRAVITY-API (CORR.)		
SI - 880#	SI - 712#		0 bopd	90 mcf	0			

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

To be sold. W/O facilities to be set before first production.

TEST WITNESSED BY

35. LIST OF ATTACHMENTS

This is a MV/DK well being DHC per order #2738AZ.

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

SIGNED Sharon R. Jones TITLE Regulatory TechnicianDATE 4/21/08

\*(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.

ACCEPTED FOR RECORD

APR 24 2008

NMOC

FARMINGTON FIELD OFFICE

Well Name		Harrington 9M			
Ojo Alamo	2010'	2119'	White, cr-gr ss.	Ojo Alamo	2010'
Kirtland	2119'	2400'	Gry sh interbedded w/tight, gry, fine-gr ss.	Kirtland	2119'
Fruitland	2400'	2833'	Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss	Fruitland	2400'
Pictured Cliffs	2833'	3023'	Bn-Gry, fine grn, tight ss.	Pic.Cliffs	2833'
Lewis	3023'	3358'	Shale w/siltstone stringers	Lewis	3023'
Huerfanito Bentonite	3358'	3780'	White, waxy chalky bentonite	Huerfanito Bent.	3358'
Chacra	3780'	4452'	Gry fn grn silty, glauconitic sd stone w/drk gry shale	Chacra	3780'
Mesa Verde	4452'	4574'	Light gry, med-fine gr ss, carb sh & coal	Mesa Verde	4452'
Menefee	4574'	5138'	Med-dark gry, fine gr ss, carb sh & coal	Menefee	4574'
Point Lookout	5138'	5426'	Med-light gry, very fine gr ss w/frequent sh breaks in lower part of formation	Point Lookout	5138'
Mancos	5426'	6309'	Dark gry carb sh.	Mancos	5426'
Gallup	6309'	7131'	Lt gry to brn calc carb micac glauc silts & very fine gr gry ss w/irreg. Interbeb sh	Gallup	6309'
Greenhorn	7131'	7196'	Highly calc gry sh w/thin lmst.	Greenhorn	7131'
Graneros	7196'	7238'	Dk gry shale, fossil & carb w/pyrite incl.	Graneros	7196'
Dakota	7238'		Lt to dk gry foss carb sl calc sl silty ss w/pyrite incl thin sh bands clay & shall breaks	Dakota	7238'

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OIL CONS. DIV.

DIST. 3

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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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13. STATE

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16. DATE T.D. REACHED

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17. DATE COMPL. (Ready to prod.)

4/20/08

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

GL 6675'

KB 6690'

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD &amp; TVD

7458'

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

7456'

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

7252' - 7450'

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
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29. LINER RECORD

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

31. PERFORATION RECORD (Interval, size and number)



.34" @ 2 SPF  
7354' - 7450' = 44 holes  
.34" @ 1 SPF  
7252' - 7335' = 15 holes

total holes = 59

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

7252' - 7450'  
acidize w/10 bbls 15% HCL. Frac w/102,186 gals  
slickwater w/40,000# 20/40 TLC Sand

33. PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)					WELL STATUS (Producing or shut-in)	
SI W/O Facilities		Flowing					SI	
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4/20/08	1	1/2"		.75 boph	22.5 mcfh	.13 bwph		
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL-BBL	GAS-MCF	WATER-BBL	OIL GRAVITY-API (CORR.)		
SI - 880#	SI - 712#		18 bopd	540 mcfh	3.12 bwph			

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

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NWOCOD

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Dakota	7238'		Lt to dk gry foss carb sl calc sl silty ss w/pyrite incl thin sh bands clay & shall breaks	Dakota	7238'