

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.

NMNM-02758

6 IF INDIAN, ALLOTTEE OR TRIBE NAME

7 UNIT AGREEMENT NAME

8 FARM OR LEASE NAME, WELL NO

Murphy D 100

9 API WELL NO

30-045-34175 - 0002

10 FIELD AND POOL, OR WILDCAT

Basin FC/Aztec FS

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

Sec. 27, T30N, R11W, NMPM

RCVD FEB 15 '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

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 1 (NESE), 1690' FSL &amp; 1090' 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

San Juan

13 STATE

New Mexico

15 DATE SPUDDED

4/3/07

16. DATE T D REACHED

7/18/07

17 DATE COMPL (Ready to prod.)

1/30/08

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

GL - 5983'; KB - 5994'

19 ELEV CASINGHEAD

20 TOTAL DEPTH, MD &amp; TVD

2580'

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

2531'

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 FC 2082' - 2334'

25 WAS DIRECTIONAL  
SURVEY MADE

No

26 TYPE ELECTRIC AND OTHER LOGS RUN

GSL

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
7", J-55	20#	155'	8-3/4"	Surface, 34 sx (55 cf)	2 bbls
4-1/2", J-55	10.5#	2565'	6-1/4"	surface; 306 sx (601 cf)	42 bbls

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-3/8"	2346'	

30. TUBING RECORD

31 PERFORATION RECORD (Interval, size and number)	32 ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.
Fruitland Coal .34" holes @ 1 & 3 spf 2082' - 2086', 2089-92', 2132' - 48' 2170' - 86', 2202' - 10', 2224' - 2236' 2306' - 2314', 2318' - 2320', 2330' - 2334' Total 218 holes	2318' - 2334' 500 gal 15% HCl; 1764 gal 25# X-link pre-pad w/9744 gal 75 Quality N2 253 linear foamed pad w/78,000# 20/40 AZ sand 2066' - 2236' 500 gal 15% HCL; 2016 gal 25# X-link pad w/9744 gal 75Q N2 25# linear foamed pad & 120,000# 20/40 AZ sand NOTE: the FC and FS intervals were stimulated together.

33 PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump)					WELL STATUS (Producing or shut-in)	
SI		Flowing					SI	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N FOR TEST PERIOD	OIL--BBL	GAS--MCF	WATER--BBL		GAS-OIL RATIO
1/29/08	1	2	→		5.5 mcf	2 bwph		
FLOW TUBING PRESS	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL--BBL	GAS--MCF		WATER--BBL		OIL GRAVITY-API (CORR )
NA	SI 281#	→	0	132 mcfd		48 bwph		-

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

To be sold

TEST WITNESSED BY

35 LIST OF ATTACHMENTS

This is a FC/FS well being DHC per order #3872. Once well dewateres, will be able to provide a better breakdown of production.

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

SIGNED Valery Chuev TITLE Regulatory SpecialistDATE 2/11/08

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

NMOCDO

ACCEPTED FOR RECORD

FEB 13 2008

FARMINGTON FIELD OFFICE  
BY TL Saliers

Well Name		Murphy D 100	
Ojo Alamo	926'	1065'	White, cr-gr ss.
Kirtland	1065'	2028'	Gry sh interbedded w/tight, gry, fine-gr ss.
Fruitland	2028'	2370'	Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss
Pictured Cliffs	2370'		Bn-Gry, fine grn, tight ss.

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**Murphy D 100**

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**30-045-34175-0001**

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**RCVD FEB 15 '08**

**OIL CONS. DIV.**

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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

**BURLINGTON RESOURCES OIL & GAS COMPANY**

3 ADDRESS AND TELEPHONE NO.

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At surface **Unit I (NESE), 1690' FSL & 1090' 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

**San Juan**

13. STATE

**DIST. 3 New Mexico**

15. DATE SPUNDED

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16. DATE T.D. REACHED

**7/18/07**

17. DATE COMPL. (Ready to prod.)

**1/30/08**

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

**GL - 5983'; KB - 5994'**

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD

**2580'**

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

**2531'**

22. IF MULTIPLE COMPL., HOW MANY\*

**2**

23. INTERVALS DRILLED BY

**yes**

ROTARY TOOLS

CABLE TOOLS

24. PRODUCTION INTERVAL (S) OF THIS COMPLETION-TOP, BOTTOM, NAME (MD AND TVD)\*

**Aztec Fruitland Sands - 2066' - 2328'**

25. WAS DIRECTIONAL SURVEY MADE

**No**

26. TYPE ELECTRIC AND OTHER LOGS RUN

**GSL**

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
7", J-55	20#	155'	8-3/4"	Surface, 34 sx (55 cf)	2 bbls
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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"	2346'	

31. PERFORATION RECORD (Interval, size and number)

**Fruitland Sands .34" holes @ 1 spf & 2 spf  
2066' - 70', 2125' - 28',  
2286' - 2300'; 2324' - 2328'**

**Total 30 holes**

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

**2318' - 2334' 500 gal 15% HCl; 1764 gal 25# X-link pre-pad w/9744 gal 75 Quality N2 253 linear foamed pad w/78,000# 20/40 AZ sand**  
**2066' - 2236' 500 gal 15% HCl; 2016 gal 25# X-link pad w/9744 gal 75Q N2 25# linear foamed pad & 120,000# 20/40 AZ sand**

**NOTE: the FC and FS intervals were stimulated together.**

33. PRODUCTION

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SI		Flowing					SI	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N FOR TEST PERIOD	OIL--BBL	GAS--MCF	WATER--BBL		GAS-OIL RATIO
1/29/08	1	2	→		5.5 mcf			
FLOW TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL--BBL	GAS--MCF	WATER--BBL		OIL GRAVITY-API (CORR.)	
NA	SI 281#	→	0	132 mcf				

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

**To be sold**

TEST WITNESSED BY

35. LIST OF ATTACHMENTS

**This is a FC/FS well being DHC per order #3872. Once well dewater, will be able to provide a better breakdown of production.**

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

SIGNED

*[Signature]*

TITLE

**Regulatory Specialist**

DATE

**2/11/08**

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NMOCD *[Signature]*

ACCEPTED FOR RECORD

**FEB 13 2008**

FARMINGTON FIELD OFFICE

BY *[Signature]*

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Kirtland	1065'	2028'	Gry sh interbedded w/tight, gry, fine-gr ss.
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Pictured Cliffs	2370'	'	Bn-Gry, fine grn, tight ss.