

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

5. LEASE DESIGNATION AND SERIAL NO.

NMSH-U/8499A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME, WELL NO.

Hardie E #2B

9. API WELL NO.

30-045-31179

10. FIELD AND POOL, OR WILDCAT

Otero Cha/Blanco MV/Basin DK

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

Sec. 9, T-28-N, R-8-W

## 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 1750'FSL, 955'FWL

At top prod. interval reported below

At total depth

14. PERMIT NO.

DATE ISSUED

12. COUNTY OR  
PARISH

13. STATE

New Mexico

15. DATE SPUDDED

1/30/04

16. DATE T.D. REACHED

2/6/04

17. DATE COMPL. (Ready to prod.)

3/16/04

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

6035' GR, 6048' KB

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD &amp; TVD

7055'

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

7048'

22. IF MULTIPLE COMPL.,

HOW MANY\*

3

23. INTERVALS

DRILLED BY

ROTARY TOOLS

CABLE TOOLS

0-7055'

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

4132-5154' Mesaverde Commingled w/Chacra &amp; Dakota

25. WAS DIRECTIONAL  
SURVEY MADE26. TYPE ELECTRIC AND OTHER LOGS RUN  
CBL-CCL-GR27. 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#	146'	12 1/4"	141 cu.ft.	
7" J-55	20#	2730'	8 3/4"	870 cu.ft.	
4 1/2" J-55	10.5#	7050'	6 1/4"	684 cu.ft.	

## 29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)

## 30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2 3/8"	6942'	

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

4132, 4136, 4152, 4160, 4166, 4182, 4194, 4216, 4222, 4250, 4266  
5426, 4349, 4360, 4402, 4416, 4446, 4466, 4490, 4494, 4514, 4542  
4550, 4556, 4570, 4636, 4640, 4644, 4648, 4722, 4732, 4740, 4744,  
4750, 4762, 4764, 4770, 4792, 4802, 4810, 4854, 4898, 4922, 4930  
4964, 5010, 5036, 5088, 5112, 5154' w/50 .034" diameter holes

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
4132-4570'	1103 bbl slk wtr, 100,000# 20/40 Arizona sd
	1,126,700 SCF N2
4636-5154'	1116 bbl slk wtr, 100,000# 20/40 Arizona sd
	1,246,600 SCF N2

## 33. PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)					WELL STATUS (Producing or shut-in)	
		Flowing					SI	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N FOR TEST PERIOD	OIL-BBL	GAS-MCF	WATER-BBL		GAS-OIL RATIO
3/16/04	1	2"	→		1241 MCF/D Pitot Gauge			
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL-BBL	GAS-MCF	WATER-BBL		OIL GRAVITY-API (CORR.)	
SI 580	SI 587	→		1241 MCF/D				

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

To be sold

TEST WITNESSED BY

35. LIST OF ATTACHMENTS

None

ACCEPTED FOR RECORD

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

SIGNED

Nancy Altman

TITLE

Senior Staff Specialist

DATE

3/26/04

MAR 31 2004

\*(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.

NMOC

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals; and all drill-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries):

38.

GEOLOGIC MARKERS

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
Ojo Alamo	1545'	1697'	White, cr-gr ss.			
Kirtland	1697'	2192'	Gry sh interbedded w/tight, gry, fine-gr ss.			
Fruitland	2192'	2484'	Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss.	Ojo Alamo	1545'	
				Kirtland	1697'	
Pictured Cliffs	2484'	3112'	Bn-Gry, fine grn, tight ss.	Fruitland	2192'	
				Pictured Cliffs	2484'	
Huerfanito Bentonite*	3112'	3446'	White, waxy chalky bentonite	Huerfanito Bent.	3112'	
				Chacra	3446'	
Chacra	3446'	4130'	Gry fn grn silty, glauconitic sd stone w/drck gry shale	Cliff House	4130'	
Cliff House	4130'	4228'	ss. Gry, fine-grn, dense sil ss.	Menefee	4228'	
Menefee	4228'	4710'	Med-dark gry, fine gr ss, carb sh & coal	Pt. Lookout	4710'	
				Mancos	5138'	
Point Lookout	4710'	5138'	Med-light gry, very fine gr ss w/frequent sh breaks in lower part of formation	Gallup	5825'	
				Greenhorn	6688'	
Mancos	5138'	5825'	Dark gry carb sh.	Graneros	6753'	
Gallup	5825'	6688'	silts & very fine gr gry ss w/irreg.interbed sh	Dakota	6791'	
Greenhorn	6699'	6753'	Highly calc gry sh w/thin lmst.			
Graneros	6753'	6791'	Dk gry shale, fossil & carb w/pyrite incl.			
Dakota	6791'	7055'	Lt to dk gry foss carb sl calc sl silty ss w/pyrite incl thin sh bands clay & shale breaks			

\*Huerfanito Bentonite is the legal top of Mesa Verde in New Mexico (North of the Chacra line)