

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.

NMSF-078499A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

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 & 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 1785°FSL, 1670°FEL

At top prod. interval reported below

At total depth

DHC-1220ax

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME, WELL NO.

Hardie E #2C

9. API WELL NO.

30-045-30905

10. FIELD AND POOL, OR WILDCAT

Otero Chacra/Blanco Mesaverde

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

OR AREA

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

14. PERMIT NO.

DATE ISSUED

12. COUNTY OR

PARISH

13. STATE

Rio Arriba

New Mexico

15. DATE SPUDDED

5/28/03

16. DATE T.D. REACHED

6/3/03

17. DATE COMPL. (Ready to prod.)

7/9/03

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

6383' GR, 6395' KB

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD

5500'

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

5498'

22. IF MULTIPLE COMPL.,

HOW MANY*

2

23. INTERVALS

DRILLED BY

ROTARY TOOLS

CABLE TOOLS

0-5500'

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

4409-5456' Mesaverde

Commingled w/Chacra

25. WAS DIRECTIONAL

SURVEY MADE

26. TYPE ELECTRIC AND OTHER LOGS RUN

CBL-CCL-GR

27. WAS WELL CORED

No

28.

G

CASING SIZE/GRADE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED
9 5/8"	32.3#	537'	12 1/4"	489 cu.ft.	
7"	23# & 20#	3251'	8 3/4"	1029 cu.ft.	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
4 1/2"	3140'	5500'	336 cu.ft.		2 3/8"	5399'	

30. TUBING RECORD

31. PERFORATION RECORD (Interval, size and number)

INTERVAL	SIZE	AMOUNT AND KIND OF MATERIAL USED
4409-5010'		1138 bbl slk wtr, 50,000# 20/40 Brady sd
5061-5456'		1213 bbl slk wtr, 50,000# 20/40 Brady sd
5130, 5144, 5155, 5166, 5172, 5176, 5187, 5206, 5217, 5228, 5249,		
5260, 5312, 5314, 5338, 5398, 5455, 5456' w/25 0.33" diameter holes		

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

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
7/9/03	1	2"	→		626 MCF/D Pitot Gauge		
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL-BBL	GAS-MCF	WATER-BBL	OIL GRAVITY-API (CORR.)	
SI 255	SI 407	→		626 MCF/D			

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

To be sold

TEST WITNESSED BY

35. LIST OF ATTACHMENTS

None

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

SIGNED

TITLE Regulatory Supervisor

DATE 7/11/03

*(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.

FARMINGTON FIELD OFFICE

NMOCDD

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):

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
Ojo Alamo	1880'	2016'	White, cr-gr ss.
Kirtland	2016'	2565'	Gry sh interbedded w/tight, gry, fine-gr ss.
Fruitland	2565'	2844'	Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss.
Pictured Cliffs	2844'	2993'	Bn-Gry, fine grn, tight ss.
Lewis	2993'	3451'	Shale w/siltstone stringers
Huerfanito Bentonite*	3451'	3808'	White, waxy chalky bentonite
Chacra	3808'	4476'	Gry fn grn silty, glauconitic sd stone w/drck gry shale
Cliff House	4476'	4584'	ss. Gry, fine-grn, dense sil ss.
Menefee	4585'	5077'	Med-dark gry, fine gr ss, carb sh & coal
Point Lookout	5077'	5500'	sh breaks in lower part of formation

38. GEOLOGIC MARKERS

NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH
Ojo Alamo	1880'	
Kirtland	2016'	
Fruitland	2565'	
Pic.Cliffs	2844'	
Lewis	2993'	
Huerfanito Bent.	3451'	
Chacra	3808'	
Cliff House	4382'	
Menefee	4585'	
Pt.Lookout	5077'	

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

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