

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

5. LEASE DESIGNATION AND SERIAL NO.

NMSF078580

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME, WELL NO.

Howell C #3B

9. API WELL NO.

30-045-30325

10. FIELD AND POOL, OR WILDCAT

Blanco Mesaverde

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

Sec.7, T-30-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 & 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 1560'FNL, 1105'FEL

At top prod. interval reported below

At total depth

14. PERMIT NO.

DATE ISSUED

12. COUNTY OR PARISH  
San Juan

13. STATE

New Mexico

15. DATE SPURRED  
1/6/2002

16. DATE T.D. REACHED  
1/11/2002

17. DATE COMPL. (Ready to prod.)  
2/28/2002

18. ELEVATIONS (DF, RKB, RT, BR, ETC.)  
6282' GL, 6294' KB

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD  
5677'

21. PLUG, BACK T.D., MD & TVD  
5675'

22. IF MULTIPLE COMPL., HOW MANY\*

23. INTERVALS DRILLED BY

ROTARY TOOLS  
0-5677'

CABLE TOOLS

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

3672-5615' Mesaverde

26. TYPE ELECTRIC AND OTHER LOGS RUN

CBL/GR/CCL

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	32.3#	327'	12 1/4	330 cu. Ft.	
7	20-23#	3442'	8 3/4	1108 cu. Ft.	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
4 1/2	3327'	5677'	339 cu. Ft.		2 3/8	5590'	SN @ 5588'

31. PERFORATION RECORD (Interval, size and number)

3672-4496' w/40 0.28" diameter holes  
4634-5147' w/25 0.30" diameter holes  
5270-5615' w/25 0.30" diameter holes

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
3672-4496'	660 bbls 20# Inr gel, 200,000# 20/40 Brady sand, 62,427 SCF N2.
4634-5147'	1836 bbls slick water, 100,000# 20/40 Brady sand
5270-5615'	1847 bbls slick water, 100,000# 20/40 Brady sand

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
2/28/02			→				
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL-BBL	GAS-MCF	WATER-BBL	OIL GRAVITY-API (CORR.)	
	SI 295	→		2595 Pitot gauge			

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

*Deputy Call*

TITLE Regulatory Supervisor

DATE

3/4/2002

ACCEPTED FOR RECORD

MAR 06 2002

FARMINGTON FIELD OFFICE

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

GEOLOGIC MARKERS		TOP
36.		

FORMATION	TOP	BOTTOM	DESCRIPTION OF CONTENTS, ETC.	NAME	MEAS. DEPTH	TRUE DEPTH
Ojo Alamo	1785'	1980'	White, cr-gr ss.	Ojo Alamo	1785'	
Kirtland	1980'	2470'	Gry sh interbedded w/tight, gry, fine-gr ss.	Kirtland	1980'	
Fruitland	2470'	3070'	Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss.	Fruitland	2470'	
Pictured Cliffs	3070'	3180'	Bn-Gry, fine grn, tight ss.	Pictured Cliffs	3070'	
Lewis	3180'	3775'	Shale w/siltstone stringers	Lewis	3180'	
Huerfanto Bentonite*	3775'	4114'	White, waxy chalky bentonite	Huerfanto Bent	3775'	
Chacra	4114'	4595'	Gry fn grn silty, glauconitic sd stone w/drk gry shale	Chacra	4114'	
Cliff House	4595'	4935'	ss. Gry, fine-grn, dense sil ss.	Cliffhouse	4595'	
Menefee	4935'	5260'	Med-dark gry, fine gr ss, carb sh & coal	Menefee	4935'	
Point Lookout	5260'	5677'	Med-light gry, very fine gr ss w/frequent sh breaks in lower part of formation	Point Lookout	5260'	

\* Huerfanto Bentonite is the legal top of Mesaverde in New Mexico (north of Chacra line) .