

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.

NMSF078197

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME, WELL NO.

Nye Federal #1M

9. API WELL NO.

30-045-30798

10. FIELD AND POOL, OR WILDCAT

Otero Chacra/Blanco MV/Basin DK

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

Sec.8, T-29-N, R-10-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 ☐

DHC-2978

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 1830'FNL, 1020'FWL

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 SPUDDED
1/25/2002

16. DATE T.D. REACHED
2/4/2002

17. DATE COMPL. (Ready to prod.)
5/2/2002

18. ELEVATIONS (DF, RKB, RT, BR, ETC.)*
5747' GL, 5759' KB

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD
6906'

21. PLUG, BACK T.D., MD & TVD
6742'

22. IF MULTIPLE COMPL.,
HOW MANY*

23. INTERVALS
DRILLED BY

ROTARY TOOLS

CABLE TOOLS

yes

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

4047-4749' Mesaverde

26. TYPE ELECTRIC AND OTHER LOGS RUN

Array Induction, Compensated Neutron-Litho Density, GR/CCL

27. WAS WELL CORED

No

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	32.3#	353'	12 1/4	295 cu. Ft.	
4 1/2	10.5#	6903'	7 7/8	2620 cu. Ft.	

LINER RECORD				TUBING RECORD		
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)
					2 3/8	6562'

31. PERFORATION RECORD (Interval, size and number)
4047, 4055, 4058, 4061, 4063, 4065, 4088, 4092, 4095, 4116,
4118, 4121, 4125, 4129, 4140, 4142, 4144, 4191, 4220, 4224,
4227, 4244, 4268, 4277, 4280, 4285, 4415, 4425, 4431, 4436,
4443, 4448, 4457, 4465, 4472, 4486, 4492, 4514, 4519, 4526,
4539, 4572, 4591, 4604, 4609, 4613, 4623, 4629, 4648, 4680,
4689, 4695, 4702, 4737, 4749

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
4047-4285'	1147 bbls slick water, 50,000# sand
4415-4749'	1951 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
DATE OF TEST HOURS TESTED CHOKE SIZE PROD'N FOR TEST PERIOD OIL-BBL GAS-MCF WATER-BBL GAS-OIL RATIO

4/24/2002 3 hrs
FLOW. TUBING PRESS. CASING PRESSURE CALCULATED 24-HOUR RATE OIL-BBL GAS-MCF WATER-BBL OIL GRAVITY-API (CORR.)

SI 625 SI 625 1163 Separator
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) TEST WITNESSED BY

To be sold
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 [Signature] TITLE Regulatory Supervisor DATE 5/6/2002

*(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.

NMOOD

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

FORMATION	TOP	BOTTOM	DESCR. OF CONTENTS, ETC.	GEOLOGIC MARKERS		
				NAME	MEAS. DEPTH	TRUE VERT. DEPTH
Ojo Alamo	880'	996'	White, cr-gr ss.	Ojo Alamo	880'	
Kirtland	996'	1555'	Gry sh interbedded w/tight, gry, fine-gr ss.	Kirtland	996'	
Fruitland	1555'	2108'	Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss.	Fruitland	1555'	
Pictured Cliffs	2108'	2241'	Bn-gry, fine grn, tight ss.	Pictured Cliffs	2108'	
Lewis	2241'	2731'	Shale w/siltstone stringers	Lewis	2241'	
Huerfanito Bentonite*	2731'	3108'	White, waxy chalky bentonite	Huerfanito Bent	2731'	
Chacra	3108'	3664'	Gry fn grn silty, glauconitic sd stone w/dk gry shale	Chacra	3108'	
Cliff House	3664'	3794'	ss. Gry, fine-grn, dense sil ss.	Cliffhouse	3664'	
Menefee	3794'	4384'	Med-dark gry, fine gr ss, carb sh & coal	Menefee	3794'	
Point Lookout	4384'	4808'	Med-light gry, very fine gr ss w/frequent sh breaks in lower part of formation	Point Lookout	4384'	
Mancos	4808'	5631'	Dark gry carb sh.	Mancos	4808'	
Gallup	5631'	6377'	Lt gry to brn calc carb micac glauc silts & very fine gr gry ss w/irreg. interbed sh	Gallup	5631'	
Greenhorn	6377'	6434'	Highly calc gry sh w/thin lmst.	Greenhorn	6377'	
Graneros	6434'	6552'	Dk gry shale, fossil & carb w/pyrite incl.	Graneros	6434'	
Dakota	6552'	6906'	Lt to dk gry foss carb sl calc sl silty ss w/pyrite incl thin sh bands clay & shale breaks	Dakota	6552'	

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