

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.

NMSF078174A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME, WELL NO.

Aztec Federal #1M

9. API WELL NO.

30-045-29598 31109

10. FIELD AND POOL, OR WILDCAT

Otero Chacra/Blanco MV/Basin DK

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

Sec.24, T-30-N, R-11-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-3181 Farmington, NM

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 700'FNL, 2225'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 SPUDDED

7/11/2003

16. DATE T.D. REACHED

7/24/2003

17. DATE COMPL. (Ready to prod.)

9/18/2003

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

6212'GL, 6227'KB

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD

7301'

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

7299'

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)*

4706-5223' Mesaverde

25. WAS DIRECTIONAL SURVEY MADE

No

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#	231'	12 1/4	183 cu. ft.	
7	20-23#	4656'	8 3/4	1380 cu. ft.	
4 1/2	10.5#	7300'	6 1/4	387 cu. ft.	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 3/8	7204'	

30. TUBING RECORD

PERFORATION RECORD (Interval, size and number)	ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.
4706, 4721, 4726, 4744, 4754, 4761, 4768, 4789, 4797, 4807, 4816, 4820, 4837, 4841, 4860, 4870, 4884, 4892, 4914, 4920, 4926, 4935, 4947, 4960, 4972, 5005, 5022, 5028, 5033, 5041, 5043, 5052, 5065, 5072, 5088, 5096, 5104, 5109, 5122, 5127, 5135, 5151, 5171, 5177, 5187, 5193, 5203, 5212, 5218, 5223	
DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
4706-4972'	9000 gals 60 Q foam pad, 75,000# 20/40 AZ sand
5005-5223'	7500 gal 60 Q slick foam, 75,000# 20/40 AZ 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
9/15/03			→				
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL-BBL	GAS-MCF	WATER-BBL	OIL GRAVITY-API (CORR.)	
SI 963	SI 963	→		997 MCFD			

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

To be sold

TEST WITNESSED BY
ACCEPTED FOR RECORD

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

OCT 21 2003

SIGNED

Tammy H. Smith

TITLE

Regulatory Specialist

DATE

FARMINGTON FIELD OFFICE
10/20/03

*(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.

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):

FORMATION	TOP	BOTTOM	DESCRIPTIVE DATA, ETC.
Ojo Alamo	1360'	1454'	White, cr-gr ss.
Kirtland	1454'	2304'	Gry sh interbedded w/tight, gry, fine-gr ss.
Fruitland	2304'	2684'	Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss.
Pictured Cliffs	2684'	2797'	Bn-Gry, fine grn, tight ss.
Lewis	2797'	3432'	Shale w/siltstone stringers
Huerfanito Bentonite*	3432'	3690'	White, waxy chalky bentonite
Chacra	3690'	4242'	Gry fn grn silty, glauconitic sd stone w/drk gry shale
Cliff House	4242'	4502'	ss. Gry, fine-grn, dense sil ss.
Menefee	4502'	4991'	Med-dark gry, fine gr ss, carb sh & coal
Point Lookout	4991'	5416'	Med-light gry, very fine gr ss w/frequent sh breaks in lower part of formation
Mancos	5416'	6246'	Dark gry carb sh.
Gallup	6246'	6982'	Lt gry to brn calc carb micac glauc silts & very fine gr gry ss w/irreg.interbed sh
Greenhorn	6982'	7036'	Highly calc gry sh w/thin lmst.
Graneros	7036'	7170'	Dk gry shale, fossil & carb w/pyrite incl.
Dakota	7170'	7301'	Lt to dk gry foss carb sl calc sl silty ss w/pyrite incl thin sh bands clay & shale breaks

38. GEOLOGIC MARKERS

NAME	TOP
	MEAS. DEPTH TRUE VERT. DEPTH
Ojo Alamo	1360'
Kirtland	1454'
Fruitland	2304'
Pictured Cliffs	2684'
Lewis	2797'
Huerfanito Bent	3432'
Chacra	3690'
Cliffhouse	4242'
Menefee	4502'
Point Lookout	4991'
Mancos	5416'
Gallup	6246'
Greenhorn	6982'
Graneros	7036'
Dakota	7170'

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