

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.

SF 078138

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME, WELL NO.

Hartman 23 #1M

9. API WELL NO.

30-045-30839

10. FIELD AND POOL, OR WILDCAT

Otero Chacra/Blanco Mesaverde/Basin Dakota

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

OR AREA

SEC. 23 T30N, R11W, NMPM

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 SEC. 23, T30N, R11W, NMPM
SWNW 1475' FNL, 765' 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
11/5/04

16. DATE T.D. REACHED
1/16/05

17. DATE COMPL. (Ready to prod.)
1/17/05

18. ELEVATIONS (DF, RKB, RT, BR, ETC.)*
5954' GL, 5966' KB

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD
7013'

21. PLUG BACK T.D., MD & TVD
7010'

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)*

4396' - 4934' - Mesasverde

25. WAS DIRECTIONAL
SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

GR/CBL/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# H-40	224'	12 1/4"	129 cu ft	
7"	20# J-55	4321'	8 3/4"	1183 cu ft.	
4 1/2"	10.5# J-55	7012'	6 1/4"	371 cu ft.	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 3/8"	6886'	

30. TUBING RECORD

31. PERFORATION RECORD (Interval, size and number)

1 spf .34" dia. 4396' - 4934' = 40 holes

40 holes total

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
4396 - 4934'	Acidize w/10 bbls 15% HCL
	Frac w/1598 bbls slickwater, 150,000# 20/40 AZ Sand
	1,626,700 scf N2

33. PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)					WELL STATUS (Producing or shut-in)	
2/24/05		Flowing					Producing	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N FOR TEST PERIOD	OIL-BBL	GAS-MCF	WATER-BBL	GAS-OIL RATIO	
2/21/05	1 hour		→					
FLOW, TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL-BBL	GAS-MCF	WATER-BBL	OIL GRAVITY-API (CORR.)		
SI 481	SI 516	→	0	992		ACCEPTED FOR RECORD		

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

To be sold

TEST WITNESSED BY

35. LIST OF ATTACHMENTS

Commingled DK/MV/CH well being DHC's per Order #3392 AZ

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

SIGNED

Jonie Clark

TITLE Senior Regulatory Specialist

FARMINGTON FIELD OFFICE
BY *96* DATE 2/24/05

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

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

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENT, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH

38. GEOLOGIC MARKERS

Ojo Alamo	1028'	1126'	White, cr-gr ss.	Ojo Alamo	1028'	
Kirtland	1126'	2170'	Gry sh interbedded w/tight, gry, fine-gr ss.	Kirtland	1126'	
Fruitland	2170'	2388'	Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss.	Fruitland	2170'	
Pictured Cliffs	2388'	2526'	Bn-Gry, fine grn, tight ss.	Pictured Cliffs	2388'	
Lewis	2526'	3130'		Lewis	2526'	
				Huerfanito Bent	3130'	
				Chacra	3395'	
				Cliffhouse	3947'	

Huerfanito Bentonite*	3130'	3395'	White, waxy chalky bentonite			
Chacra	3395'	3947'	Gry fn grn silty, glauconitic sd stone w/drk gry shale	Menefee	4186'	
Cliff House	3947'	4186'	ss. Gry, fine-grn, dense sil ss.	Point Lookout	4683'	
Menefee	4186'	4683'	Med-dark gry, fine gr ss, carb sh & coal	Mancos	5030'	
Point Lookout	4683'	5030'	Med-light gry, very fine gr ss w/frequent sh breaks in lower part of formation	Gallup	5924'	
				Greenhorn	6661'	
				Graneros	6716'	
				Dakota	6776'	

Mancos	5030'	5924'	Dark gry carb sh.			
Gallup	5924'	6661'	Lt gry to brn calc carb micac glauc silts & very fine gr gry ss w/irreg. interbed sh			
Greenhorn	6661'	6716'	Highly calc gry sh w/thin lmst.			
Graneros	6716'	6776'	Dk gry shale, fossil & carb w/pyrite incl.			
Dakota	6776'	7010'	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 Mesaverde in New Mexico (North of Chacra line)