

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ DRY ☐ Other _____				5. LEASE DESIGNATION AND SERIAL NO. SF-078138	
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR ☐ Other _____				6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
2. NAME OF OPERATOR BURLINGTON RESOURCES OIL & GAS COMPANY				7. UNIT AGREEMENT NAME	
3. ADDRESS AND TELEPHONE NO. PO BOX 4289, Farmington, NM 87499 (505) 326-9700				8. FARM OR LEASE NAME, WELL NO. Hartman 23 #1M	
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				9. API WELL NO. 30-045-30839	
11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA SEC. 23 T30N, R11W, NMPM				10. FIELD AND POOL, OR WILDCAT Otero Chacra/Blanco Mesaverde/Basin Dakota	
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 yes	24. PRODUCTION INTERVAL (9) OF THIS COMPLETION-TOP, BOTTOM, NAME (MD AND TVD)* 6779'-6985' Dakota	
26. TYPE ELECTRIC AND OTHER LOGS RUN GR/CBL/CCL			25. WAS DIRECTIONAL SURVEY MADE No		
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)	
				2 3/8"	6886'
30. TUBING RECORD					
31. PERFORATION RECORD (Interval, size and number)			32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.		
1 spf .34" dia. 6779' - 6835' = 10 holes			DEPTH INTERVAL (MD)		
2 spf .34" dia. 6852' - 6985' = 40 holes			6779-6985'		
50 holes total			AMOUNT AND KIND OF MATERIAL USED		
			Acidize w/10 bbls 15% HCL		
			Frac w/2548 bbls slickwater, 40,000# 20/40 LC Sand		
33. PRODUCTION					
DATE FIRST PRODUCTION 2/24/05	PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump) Flowing			WELL STATUS (Producing or shut-in) Producing	
DATE OF TEST 2/18/05	HOURS TESTED 1 hour	CHOKE SIZE	PROD'N FOR TEST PERIOD	OIL-BBL	GAS-MCF
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL-BBL	GAS-MCF	WATER-BBL
SI 481	SI 516	0	1243		
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) To be sold					
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 <u>Joni Clark</u> TITLE Senior Regulatory Specialist			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.

NMOCD

ACCEPTED FOR RECORD
TEST WITNESSED BY
MAR 1 2005
FARMINGTON FIELD OFFICE
BY [Signature]
DATE 2/24/05

RECEIVED
PM 2 32
FARMINGTON NM

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

38.

GEOLOGIC MARKERS

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
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 Bentonite*	3130'	3395'	White, waxy chalky bentonite	Huerfanito Bent	3130'	
Chacra	3395'	3947'	Gry fn grn silty, glauconitic sd stone w/drk gry shale	Chacra	3395'	
Cliff House	3947'	4186'	ss. Gry, fine-grn, dense sil ss.	Cliffhouse	3947'	
Menefee	4186'	4683'	Med-dark gry, fine gr ss, carb sh & coal	Menefee	4186'	
Point Lookout	4683'	5030'	Med-light gry, very fine gr ss w/frequent sh breaks in lower part of formation	Point Lookout	4683'	
Mancos	5030'	5924'	Dark gry carb sh.	Mancos	5030'	
Gallup	5924'	6661'	Lt gry to brn calc carb micac glauc silts & very fine gr gry ss w/irreg-interbed sh	Gallup	5924'	
Greenhorn	6661'	6716'	Highly calc gry sh w/thin lmst.	Greenhorn	6661'	
Graneros	6716'	6776'	Dk gry shale, fossil & carb w/pyrite incl.	Graneros	6716'	
Dakota	6776'	7010'	Lt to dk gry foss carb sl calc sl silty ss w/pyrite incl thin sh bands clay & shale breaks	Dakota	6776'	

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