

(October 1990)

**UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT**

SUBMIT IN DUPLICATE\*

(See other instructions on reverse side)

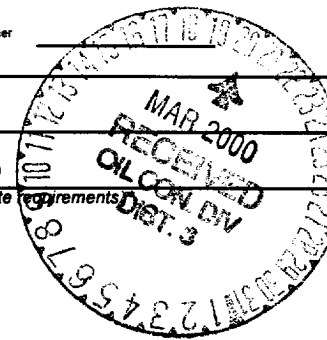
FOR APPROVED

OMB NO. 1004-0137

Expires: December 31, 1991

**WELL COMPLETION OR RECOMPLETION REPORT AND LOG\***

1a. TYPE OF WELL: OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> DRY <input type="checkbox"/> Other <input type="checkbox"/>				5. LEASE DESIGNATION AND SERIAL NO. NM-0555078	
b. TYPE OF COMPLETION: NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> DEEP-EN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. RESVR <input type="checkbox"/> Other <input type="checkbox"/>				6. 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. Helms Federal #1B	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements) At surface 1160'FSL, 1060'FWL  At top prod. interval reported below  At total depth				9. API WELL NO. 30-045-29998	
14. PERMIT NO. DATE ISSUED				12. COUNTY OR PARISH San Juan	
				13. STATE New Mexico	
15. DATE SPUDDED 12-22-99	16. DATE T.D. REACHED 12-31-99	17. DATE COMPL. (Ready to prod.) 2-22-00	18. ELEVATIONS (DF, RKB, RT, BR, ETC.) 6182'GL / 6194'KB		19. ELEV. CASINGHEAD
20. TOTAL DEPTH, MD & TVD 5544'	21. PLUG BACK T.D., MD & TVD 5457'	22. IF MULTIPLE COMPL., HOW MANY*	23. INTERVALS DRILLED BY	ROTARY TOOLS 0-5544'	CABLE TOOLS
24. PRODUCTION INTERVAL (S) OF THIS COMPLETION-TOP, BOTTOM, NAME (MD AND TVD) 4616-5297' Mesaverde				25. WAS DIRECTIONAL SURVEY MADE No	
26. TYPE ELECTRIC AND OTHER LOGS RUN CBL/GR/CCL/Array Ind./Litho Den./Temp				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#	235'	12 1/4"	413 cu ft	
7"	20#	1691'	8 3/4"	565 cu ft	
4 1/2"	10.5#	5459'	6 1/4"	612 cu ft	
29. LINER RECORD					
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	
30. TUBING RECORD					
SIZE	DEPTH SET (MD)	PACKER SET (MD)			
2 3/8"	5273'				
31. PERFORATION RECORD (Interval, size and number)			32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.		
4616, 4622, 4640, 4667, 4681, 4700, 4702, 4716, 4730, 4736, 4754, 4762, 4788, 4792, 4802, 4835, 4864, 4868, 4877, 4892, 4929, 4950, 4952, 4970, 4976, 4979, 5031, 5034, 5037, 5039, 5046, 5048, 5054, 5073, 5080, 5092, 5094, 5096, 5104, 5108, 5116, 5119, 5134, 5152, 5154, 5176, 5214, 5234, 5253, 5269, 5279, 5297			DEPTH INTERVAL (MD) AMOUNT AND KIND OF MATERIAL USED		
			4616-4979' 2433 bbl slk wtr, 105,000# 20/40 AZ sand		
			5031-5297' 1864 bbl slk wtr, 100,000# 20/40 Brady sand		
33. PRODUCTION					
DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type or 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
2-22-00					
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL	GAS—MCF	WATER—BBL
SI 405	SI 405			763 Pitot gauge	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)					TEST WITNESSED BY
To be sold					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					



SIGNED Regan Cole TITLE Regulatory Administrator DATE 2-29-00 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 or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

BUREAU OF LAND MANAGEMENT

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	DESCRIPTION, CONTENTS, ETC.
Ojo Alamo	1421'	1585'	White, cr-gr ss.
Kirtland	1585'	2187'	Gry sh interbedded w/tight, gry, fine-gr ss.
Fruitland	2187'	2778'	Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss.
Pictured Cliffs	2778'	2885'	Bn-Gry, fine grn, tight ss.
Lewis	2885'	3492'	Shale w/siltstone stringers
Huerfanito Bentonite*	3492'	3756'	White, waxy chalky bentonite
Chacra	3756'	4288'	Gry fn grn silty, glauconitic sd stone w/drak gry shale
Cliff House	4288'	4542'	ss. Gry, fine-grn, dense sil ss.
Menefee	4542'	5028'	Med-dark gry, fine gr ss, carb sh & coal
Point Lookout	5028'	5544'	Med-light gry, very fine gr ss w/frequent sh breaks in lower part of formation

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

38. GEOLOGIC MARKERS

NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH
Ojo Alamo	1421'	
Kirtland	1585'	
Fruitland	2187'	
Pictured Cliffs	2778'	
Lewis	2885'	
Huerfanito Bent	3492'	
Chacra	3756'	
Cliffhouse	4288'	
Menefee	4542'	
Point Lookout	5028'	