

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-078134	
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. Crandell SRC #1C	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 1555'FSL, 1970'FEL At top prod. interval reported below At total depth		9. API WELL NO. 30-045-30405	
14. PERMIT NO.		12. COUNTY OR PARISH San Juan	
DATE ISSUED		13. STATE New Mexico	
15. DATE SPUDDED 2-11-01	16. DATE T.D. REACHED 2-16-01	17. DATE COMPL. (Ready to prod.) 3-15-01	18. ELEVATIONS (DF, RKB, RT, BR, ETC.)* 5951'GL, 5966'KB
19. ELEV. CASINGHEAD	20. TOTAL DEPTH, MD & TVD 7280'		
21. PLUG, BACK T.D., MD & TVD 7278'	22. IF MULTIPLE COMPL., HOW MANY* 2	23. INTERVALS DRILLED BY ROTARY TOOLS 0-7280'	CABLE TOOLS
24. PRODUCTION INTERVAL (S) OF THIS COMPLETION-TOP, BOTTOM, NAME (MD AND TVD)* 3447-5257' Mesaverde commingled w/Dakota			25. WAS DIRECTIONAL SURVEY MADE No
26. TYPE ELECTRIC AND OTHER LOGS RUN Array Induction, Comp. Neutron-Litho Density, Temp, 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
9 5/8	32.3#	220'	12 1/4
7	20#	2892'	8 3/4
29. LINER RECORD		30. TUBING RECORD	
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*
4 1/2	2614'	7280'	518 cu. ft.
31. PERFORATION RECORD (Interval, size and number)		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
3447, 3449, 3451 3453, 3515, 3517, 3519, 3521, 3589, 3591, 3607, 3609, 3611, 3725, 3727, 3729, 3771, 3773, 3775, 3777, 3779, 3830, 3832, 3834, 3917, 3919, 3921, 3923, 3991, 3993, 3995, 3997, 4018, 4020, 4022, 4024, 4080, 4082, 4084, 4086, 4187, 4208, 4257, 4277, 4290, 4315, 4331, 4409, 4421, 4435, 4450, 4464, 4555, 4583, 4621, 4639, 4684, 4713, 4720, 4740,		DEPT. INTERVAL (MD)	
		AMOUNT AND KIND OF MATERIAL USED	
		3447-4086' 764 bbl 20# Inr gel, 200,000# 20/40 Brady sand, 1,287,000 SCFN2.	
		4187-4850' 12,500 gals slk wtr, 100,000# 20/40 Brady sand.	
		4907-5257' 12,500 gals slk wtr, 100,000# 20/40 Brady sand.	
33. PRODUCTION			
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)	
Flowing		SI	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N FOR TEST PERIOD
3-10-01	1		
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL-BBL
SI 771	SI 571		
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)		WATER-BBL	
To be sold		1476 Pitot gauge	
35. LIST OF ATTACHMENTS		GAS-MCF	
None		WATER-BBL	
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records		GAS-OIL RATIO	
SIGNED <i>[Signature]</i>		OIL GRAVITY-API (CORR.)	
TITLE Regulatory Supervisor			

*(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

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.	GEOLOGIC MARKERS		
				NAME	MEAS. DEPTH	TRUE VERT. DEPTH

38.

GEOLOGIC MARKERS

Ojo Alamo	1085'	1159'	White, cr-gr ss.	Ojo Alamo	1085'	
Kirtland	1159'	2072'	Gry sh interbedded w/tight, gry, fine-gr ss.	Kirtland	1159'	
Fruitland	2072'	2652'	Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss.	Fruitland	2072'	
Pictured Cliffs	2652'	2848'	Bn-Gry, fine grn, tight ss.	Pictured Cliffs	2652'	
Lewis	2848'	3375'	Shale w/siltstone stringers	Lewis	2848'	
Huerfanito Bentonite*	3375'	3725'	White, waxy chalky bentonite	Huerfanito Bent	3375'	
Chacra	3725'	4165'	Gry fn grn silty, glauconitic sd stone w/drk gry shale	Chacra	3725'	
Cliff House	4165'	4470'	ss. Gry, fine-grn, dense sil ss.	Cliffhouse	4165'	
Menefee	4470'	4891'	Med-dark gry, fine gr ss, carb sh & coal	Menefee	4470'	
Point Lookout	4891'	5277'	Med-light gry, very fine gr ss w/frequent sh breaks in lower part of formation	Point Lookout	4891'	
Mancos	5277'	6212'	Dark gry carb sh.	Mancos	5277'	
Gallup	6212'	6936'	Lt gry to brn calc carb micac glauc silts & very fine gr gry ss w/irreg.interbed sh	Gallup	6212'	
Greenhorn	6936'	6986'	Highly calc gry sh w/thin lmst.	Greenhorn	6936'	
Graneros	6986'	7138'	Dk gry shale, fossil & carb w/pyrite incl.	Graneros	6986'	
Dakota	7138'	7280'	Lt to dk gry foss carb sl calc sl silty ss w/pyrite incl thin sh bands clay & shale breaks	Dakota	7138'	

Perfs Continued: 4767, 4774,

4785, 4798, 4825, 4850, 4907, 4923, 4934, 4952, 4977, 4987, 4999, 5007, 5013, 5041, 5050, 5056, 5063, 5081, 5116, 5131, 5140, 5154, 5163, 5191, 5194, 5257.

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