

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-079520	
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 San Juan 28-5 Unit	
3. ADDRESS AND TELEPHONE NO. PO BOX 4289, Farmington, NM 87499 (505) 326-9700		8. FARM OR LEASE NAME, WELL NO. San Juan 28-5 Unit #77M	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements) At surface 1730'FNL, 1850'FWL At top prod. interval reported below At total depth DHC-1987		9. API WELL NO. 30-039-25936	
14. PERMIT NO.		12. COUNTY OR PARISH Rio Arriba	
DATE ISSUED		13. STATE New Mexico	
15. DATE SPUDDED 1-12-99	16. DATE T.D. REACHED 1-26-99	17. DATE COMPL. (Ready to prod.) 3-17-99	18. ELEVATIONS (DF, RKB, RT, BR, ETC.) 6774 GR, 6786 KB
20. TOTAL DEPTH, MD & TVD 8130	21. PLUG, BACK T.D., MD & TVD 8082	22. IF MULTIPLE COMPL., HOW MANY* 2	23. INTERVALS DRILLED BY ROTARY TOOLS CABLE TOOLS 0-8130
24. PRODUCTION INTERVAL (S) OF THIS COMPLETION-TOP, BOTTOM, NAME (MD AND TVD)* 7827-8028 Dakota Commingled w/Mesaverde			25. WAS DIRECTIONAL SURVEY MADE
26. TYPE ELECTRIC AND OTHER LOGS RUN GR-AIT, CNL-LDT			27. WAS WELL CORED Yes - sidewall cores
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#	236	12 1/4
7	23#	3843	8 3/4
29. LINER RECORD		30. TUBING RECORD	
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*
4 1/2	2134	8125	794 cu.ft.
31. PERFORATION RECORD (Interval, size and number) 7827-7830, 7919-7928, 7980-7985, 7994-8001, 8017-8028		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. DEPTH INTERVAL (MD) 7827-8028 AMOUNT AND KIND OF MATERIAL USED 1756 bbl 2% KCl slk wtr, 25,000# 20/40 tempered LC sd	
33. PRODUCTION DATE FIRST PRODUCTION 3-17-99 PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing WELL STATUS (Producing or Shut-in) SI		GAS-OIL RATIO	
DATE OF TEST 3-17-99	HOURS TESTED	CHOKE SIZE	PROD'N FOR TEST PERIOD
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL-BBL
SI 800	SI 900		GAS-MCF
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) To be sold		TEST WITNESSED BY	
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 [Signature] TITLE Regulatory Administrator

DATE 3-23-99 ACCEPTED FOR RECORD

*(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.

APR 06 1999

FARMINGTON FIELD OFFICE
BY [Signature]

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	DESCRIPTION, CO. NITS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
Ojo Alamo	2918'	3110'	White, cr-gr ss.			
Kirtland	3110'	3220'	Gry sh interbedded w/tight, gry, fine-gr ss.			
Fruitland	3220'	3610'	Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss.	Ojo Alamo	2918'	
Pictured Cliffs	3610'	3700'	Bn-Gry, fine grn, tight ss.	Kirtland	3110'	
Lewis	3700'	4232'	Shale w/siltstone stringers	Fruitland	3220'	
Huerfanoite Bentonite*	4232'	4582'	White, waxy chalky bentonite	Pic.Cliffs	3610'	
Chacra	4582'	5188'	Gry fn grn silty, glauconitic sd stone w/dk gry shale	Lewis	3700'	
Cliff House	5188'	5475'	ss. Gry, fine-grn, dense sil ss.	Huerfanoite Bent.	4232'	
Menefee	5475'	5749'	Med-dark gry, fine gr ss, carb sh & coal	Chacra	4582'	
Point Lookout	5749'	6225'	Med-light gry, very fine gr ss w/frequent sh breaks in lower part of formation	Cliff House	5188'	
Mancos	6225'	6968'	Dark gry carb sh.	Menefee	5475'	
Gallup	6968'	7710'	Lt gry to brn calc carb micac glauc silts & very fine gr gry ss w/irreg. interbed sh	Pt.Lookout	5749'	
Greenhorn	7710'	7780'	Highly calc gry sh w/thin lmst.	Mancos	6225'	
Graneros	7780'	7900'	Dk gry shale, fossil & carb w/pyrite incl.	Gallup	6968'	
Dakota	7900'	8130'	Lt to dk gry foss carb sl calc sl silty ss w/pyrite incl thin sh bands clay & shale breaks	Greenhorn	7710'	

38. GEOLOGIC MARKERS

*Huerfanoite Bentonite is the legal top of Mesa Verde in New Mexico (North of the Chacra line)

Sidewall cores:
 6100, 6233, 6303, 6358, 6492,
 6545, 6650, 6847, 6918, 7011,
 7049, 7057, 7113, 7146, 7208,
 7240, 7318, 7379.
 4335, 4345, 4355, 4365, 4425,
 4435, 4565, 4575, 4585, 4595,
 4605, 4615, 4625, 4665, 4685,
 4695, 4705, 4715, 4765, 4775,
 4785, 4795, 4805, 4850, 4935,
 4945, 4955, 4965, 4975, 4985.
 4335, 4345, 4355, 4415, 4425,
 4435, 6670, 7212, 7257, 7331.