

**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  **9/1 JUL**

b. TYPE OF COMPLETION:  
 NEW WELL  WORK OVER  DEEP-EN  PLUG BACK  DIFF. RESVR  **070-FARMINGTON, NM**

5. LEASE DESIGNATION AND SERIAL NO.  
**NM-03583**

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME  
**San Juan 28-6 Unit**

8. FARM OR LEASE NAME, WELL NO.  
**San Juan 28-6 U #104M**

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 **790'FNL, 1815'FWL**  
 At top prod. interval reported below  
 At total depth

**OIL CON. DIV. DIST. 3**  
**DHC-1498**

9. API WELL NO.  
**30-039-25629**

10. FIELD AND POOL OR WILDCAT  
**Blanco MV/Basin DK**

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA  
**Sec. 8, T-27-N, R-6-W**

14. PERMIT NO. \_\_\_\_\_ DATE ISSUED \_\_\_\_\_

12. COUNTY OR PARISH  
**Rio Arriba**

13. STATE  
**New Mexico**

15. DATE SPUDDED **4-16-97** 16. DATE T.D. REACHED **4-22-97** 17. DATE COMPL. (Ready to prod.) **6-29-97**

18. ELEVATIONS (DF, RKB, RT, BR, ETC.)\*  
**6184 GR, 6196 KB**

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD **7319** 21. PLUG. BACK T.D., MD & TVD \_\_\_\_\_

22. IF MULTIPLE COMPL., HOW MANY\* **2**

23. INTERVALS DRILLED BY **0-7319** ROTARY TOOLS \_\_\_\_\_ CABLE TOOLS \_\_\_\_\_

24. PRODUCTION INTERVAL (S) OF THIS COMPLETION-TOP, BOTTOM, NAME (MD AND TVD)\*  
**7095-7292 Dakota Commingled w/Mesaverde**

25. WAS DIRECTIONAL SURVEY MADE

26. TYPE ELECTRIC AND OTHER LOGS RUN  
**CNL-GR, CBL-CCL-GR**

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#	229	12 1/4	401 cu.ft.	
7	20#	3050	8 3/4	817 cu.ft.	

29. LINER RECORD 30. TUBING RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
4 1/2	1680	7313	625 cu.ft.		2 3/8	7251	

31. PERFORATION RECORD (Interval, size and number)  
**7095, 7105, 7109, 7119, 7128, 7176, 7206, 7211, 7216, 7222, 7243, 7246, 7264, 7270, 7277, 7292**

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
7095-7292	896 bbl 30# x-link gel, 90,000# 20/40 tempered DC sd

33. PRODUCTION

DATE FIRST PRODUCTION **6/29/97** PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) **Flowing** WELL STATUS (Producing or shut-in) **SI**

DATE OF TEST **6-29-97** HOURS TESTED \_\_\_\_\_ CHOKE SIZE \_\_\_\_\_ PRODN FOR TEST PERIOD \_\_\_\_\_ OIL-BBL \_\_\_\_\_ GAS-MCF **746 Pitot Gauge** WATER-BBL \_\_\_\_\_ GAS-OIL RATIO \_\_\_\_\_

FLOW. TUBING PRESS. **SI 812** CASING PRESSURE **SI 751** CALCULATED 24-HOUR RATE \_\_\_\_\_ OIL-BBL \_\_\_\_\_ GAS-MCF \_\_\_\_\_ WATER-BBL \_\_\_\_\_ OIL GRAVITY-API (CORR.) \_\_\_\_\_

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]* Regulatory Administrator DATE **7-8-97** **JUL 10 1997**

**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.

**FARMINGTON DISTRICT OFFICE**

**NMOCD**

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals; and all drill-stems, tests, 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	2080'	2143'	White, cr-gr ss.			
Kirtland	2143'	2474'	Gry sh interbedded w/tight, gry, fine-gr ss.			
Fruitland	2474'	2842'	Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss.	Ojo Alamo	2080'	
Pictured Cliffs	2842'	2920'	Bn-Gry, fine grn, tight ss.	Kirtland	2143'	
Lewis	2920'	3340'	Shale w/siltstone stringers	Fruitland	2474'	
Huerfanito Bentonite*	3340'	3420'	White, waxy chalky bentonite	Pic. Cliffs	2842'	
Chacra	3420'	4398'	Gry fn grn silty, glauconitic sd stone w/drk gry shale	Lewis	2920'	
Cliff House	4398'	4618'	ss. Gry, fine-grn, dense sil ss.	Huerfanito Bent.	3340'	
Menefee	4618'	5070'	Med-dark gry, fine gr ss, carb sh & coal	Chacra	3420'	
Point Lookout	5070'	5420'	Med-light gry, very fine gr ss w/frequent sh breaks in lower part of formation	Cliff House	4398'	
Mancos	5420'	6309'	Dark gry carb sh.	Menefee	4618'	
Gallup	6309'	6994'	Lt gry to brn calc carb micac glauc silts & very fine gr gry ss w/irreg. interbed sh	Pt. Lookout	5070'	
Greenhorn	6994'	7088'	Highly calc gry sh w/thin lmst.	Mancos	5420'	
Graneros	7088'	7202'	Dk gry shale, fossil & carb w/pyrite incl.	Gallup	6309'	
Dakota	7202'	7319'	Lt to dk gry foss carb sl calc sl silty ss w/pyrite incl thin sh bands clay & shale breaks	Greenhorn	6994'	

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

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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

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PO BOX 4289, Farmington, NM 87499 (505) 326-9700

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At surface 790'FNL, 1815'FVL  
At top prod. interval reported below  
At total depth DHC-1498

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Blanco MV/Basin DK

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14. PERMIT NO. DATE ISSUED

12. COUNTY OR PARISH  
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13. STATE  
New Mexico

15. DATE SPUNDED 4-18-97 16. DATE T.D. REACHED 4-22-97 17. DATE COMPL. (Ready to prod.) 6-29-97 18. ELEVATIONS (DF, RKB, RT, BR, ETC.)\* 6184 GR, 6196 KB 19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD 7319 21. PLUG. BACK T.D., MD & TVD 22. IF MULTIPLE COMPL., HOW MANY\* 2 23. INTERVALS DRILLED BY 0-7319 ROTARY TOOLS CABLE TOOLS

24. PRODUCTION INTERVAL (S) OF THIS COMPLETION-TOP, BOTTOM, NAME (MD AND TVD)\*  
4460-5383 Mesaverde Commingled w/Dakota

25. WAS DIRECTIONAL SURVEY MADE

26. TYPE ELECTRIC AND OTHER LOGS RUN  
CNL-GR, CBL-CCL-GR

27. WAS WELL CORED  
No

RECEIVED  
OIL CON. DIV.  
DIST. 3  
JUL 14 1997

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
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4 1/2	1680	7313	625 cu.ft.		2 3/8	7251	

30. TUBING RECORD

31. PERFORATION RECORD (Interval, size and number)

4460, 4477, 4517, 4524, 4528, 4543, 4548, 4571, 4580, 4595, 4602, 4607, 4615, 4651, 4655, 4724, 4737, 4750, 4771, 4774, 4790, 4795, 4897, 4902, 4913, 4919, 4923, 4958, 5051, 5061, 5078, 5090, 5099, 5106, 5117, 5125, 5136, 5145, 5165, 5176, 5204, 5218, 5243, 5327, 5348.

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
4460-4795	2274 bbl 2% KCl slk wtr, 96,000# 20/40 Ariz sd
4897-5383	2283 bbl 2% KCl slk wtr, 100,000# 20/40 Ariz sd

Perforations cont'd on back

33. PRODUCTION

DATE FIRST PRODUCTION 6/29/97 PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing WELL STATUS (Producing or shut-in) SI

DATE OF TEST 6-29-97 HOURS TESTED CHOKE SIZE PROD'N FOR TEST PERIOD OIL-BBL GAS-MCF WATER-BBL GAS-OIL RATIO

FLOW, TUBING PRESS. CASING PRESSURE CALCULATED 24-HOUR RATE OIL-BBL GAS-MCF WATER-BBL OIL GRAVITY-API (CORR.) SI 812 SI 751 748 Pitot Gauge

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 7/11/1997

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Perforations continued:  
5368, 5383

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