

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*

5. LEASE DESIGNATION AND SERIAL NO.

SF-079049B

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 #164M

9. API WELL NO.

30-039-25732

10. FIELD AND POOL, OR WILDCAT

Blanco MV/Basin DK

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA

C. Sec. 34, T-28-N, R-6-W

1a. TYPE OF WELL:

OIL WELL ☐ GAS WELL ☒ DRY ☐ Other ☐

b. TYPE OF COMPLETION:

NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR ☐ Other ☐

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, 1525°FWL

At top prod. interval reported below

At total depth

DHC-1727

OIL CON. DIV.
DIST. 3

14. PERMIT NO.

DATE ISSUED

12. COUNTY OR PARISH

Rio Arriba

13. STATE

New Mexico

15. DATE SPUNDED

10-30-97

16. DATE T.D. REACHED

11-7-97

17. DATE COMPL. (Ready to prod.)

12-20-97

18. ELEVATIONS (OF, RKB, RT, BR, ETC.)*

6574 GR, 6586 KB

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD

7836

21. PLUG, BACK T.D., MD & TVD

22. IF MULTIPLE COMPL. HOW MANY*

2

23. INTERVALS DRILLED BY

ROTARY TOOLS

CABLE TOOLS

0-7836

24. PRODUCTION INTERVAL (S) OF THIS COMPLETION-TOP, BOTTOM, NAME (MD AND TVD)*

4896-5888 Mesaverde Commingled w/Dakota

26. TYPE ELECTRIC AND OTHER LOGS RUN

CNL-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#	245	12 1/4	238 cu.ft.	
7	20#	3611	8 3/4	1046 cu.ft.	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
4 1/2	2840	7834	624 cu.ft.		2 3/8	7762	

31. PERFORATION RECORD (Interval, size and number)

4896, 4932, 4988, 4998, 5002, 5008, 5014, 5034, 5038, 5048, 5096, 5102, 5108, 5114, 5122, 5151, 5231, 5240, 5261, 5268, 5274, 5280, 5332, 5336, 5344, 5348, 5376, 5523, 5528, 5532, 5541, 5550, 5559, 5584, 5587, 5601, 5618, 5635, 5646, 5656, 5674, 5699, 5708, 5713, 5747.

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
4896-5376	2261 bbl slk wtr, 95,000# 20/40 Brady sd
5523-5888	2288 bbl slk wtr, 105,000# 20/40 Brady sd

Perforations cont'd on back

33. PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)					WELL STATUS (Producing or shut-in)	
12-20-97		Flowing					SI	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N FOR TEST PERIOD	OIL-BBL	GAS-MCF	WATER-BBL	GAS-OIL RATIO	
12-20-97			—————▶		1520 Pitot Gauge			
FLOW, TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL-BBL	GAS-MCF	WATER-BBL	OIL GRAVITY-API (CORR.)		
SI 1040	SI 930	—————▶						
					TEST WITNESSED BY			

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

To be sold

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

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.

JAN 27 1998

FARMINGTON DISTRICT OFFICE

BY

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.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
Ojo Alamo	2450'	2600'	White, cr-gr ss.	Ojo Alamo	2450'	
Kirtland	2600'	2900'	Gry sh interbedded w/tight, gry, fine-gr ss.	Kirtland	2600'	
Fruitland	2900'	3350'	Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss.	Fruitland	2900'	
Pictured Cliffs	3350'	3450'	Bn-Gry, fine grn, tight ss.	Pic. Cliffs	3350'	
Lewis	3450'	3860'	Shale w/siltstone stringers	Lewis	3450'	
Huerfanto Bentonite*	3860'	3955'	White, waxy chalky bentonite	Huerfanto Bent. Chacra	3860'	3955'
Chacra	3955'	4890'	Gry fn grn silty, glauconitic sd stone w/drk gry shale	Cliff House	4890'	
Cliff House	4890'	5123'	ss. Gry, fine-grn, dense silt ss.	Menefee	5123'	
Menefee	5123'	5520'	Med-dark gry, fine gr ss, carb sh & coal	Pt. Lookout	5520'	
Point Lookout	5520'	5955'	Med-light gry, very fine gr ss w/frequent sh breaks in lower part of formation	Maneros	5955'	
Maneros	5955'	6780'	Dark gry carb sh.	Greenhorn	6780'	7475'
Gallup	6780'	7475'	Lt gry to brn calc carb micac glauc silts & very fine gr gry ss w/irreg. interbed sh			
Greenhorn	7475'	7540'	Highly calc gry sh w/thin lmst.			
Graneros	7540'	7595'	Dk gry shale, fossil & carb w/pyrite incl.			
Dakota	7595'	7836'	Lt to dk gry foss carb sl calc sl silty ss w/pyrite incl thin sh bands clay & shale breaks			

Perforations Continued:
5755, 5794, 5863, 5874, 5888

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

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WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ DRY ☐ Other ☐				5. LEASE DESIGNATION AND SERIAL NO. SF-079049B	
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 28-6 Unit	
3. ADDRESS AND TELEPHONE NO. PO BOX 4289, Farmington, NM 87499 (505) 326-9700				8. FARM OR LEASE NAME, WELL NO. San Juan 28-6 U #164M	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 790°FNL, 1525°FWL At top prod. interval reported below At total depth				9. API WELL NO. 30-039-25732	
14. PERMIT NO. DATE ISSUED DHC-1727 JAN 29 1998 OIL CON. DIV.				10. FIELD AND POOL, OR WLDGAT Blanco MV/Basin DK	
15. DATE SPUNDED 10-30-97				11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Sec. 34, T-28-N, R-6-W	
16. DATE T.D. REACHED 11-7-97				12. COUNTY OR PARISH Rio Arriba	
17. DATE COMPL. (Ready to prod.) 12-20-97				13. STATE New Mexico	
20. TOTAL DEPTH, MD & TVD 7836				19. ELEV. CASINGHEAD	
21. PLUG, BACK T.D., MD & TVD				23. INTERVALS DRILLED BY ROTARY TOOLS CABLE TOOLS	
22. IF MULTIPLE COMPL., HOW MANY* 2				25. WAS DIRECTIONAL SURVEY MADE	
24. PRODUCTION INTERVAL (S) OF THIS COMPLETION-TOP, BOTTOM, NAME (MD AND TVD)* 7596-7799 Dakota Commingled w/Mesaverde				27. WAS WELL CORED No	
26. TYPE ELECTRIC AND OTHER LOGS RUN CNL-GR					
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
9 5/8		32.3#	245	12 1/4	236 cu.ft.
7		20#	3611	8 3/4	1046 cu.ft.
29. LINER RECORD					
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	TUBING RECORD
4 1/2	2840	7834	624 cu.ft.		SIZE DEPTH SET (MD) PACKER SET (MD)
					2 3/8 7762
31. PERFORATION RECORD (Interval, size and number) 7596, 7602, 7608, 7618, 7624, 7696, 7706, 7712, 7732, 7737, 7744, 7761, 7774, 7786, 7793, 7799					
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.					
DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED			
7596-7799		1080 bbl 25# x-link gel, 90,000# 20/40 LC tempered DC sd			
33. PRODUCTION					
DATE FIRST PRODUCTION 12-20-97		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing			WELL STATUS (Producing or shut-in) SI
DATE OF TEST 12-20-97	HOURS TESTED	CHOKE SIZE	PROD'N FOR TEST PERIOD	OIL-BBL	GAS-MCF
					402 Pitot Gauge
FLOW, TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL-BBL	GAS-MCF	WATER-BBL
SI 1040	SI 930				
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) To be sold					TEST WITNESSED BY
35. LIST OF ATTACHMENTS None					

38. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED [Signature] TITLE Regulatory Administrator

*(See Instructions and Spaces for Additional Data on Reverse Side)

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NMCCD

DATE 12-20-97 ACCEPTED FOR RECORD
JAN 27 1998
FARMINGTON DISTRICT OFFICE
BY [Signature]

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.
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Kirtland	2600'	2900'	Gry sh interbedded w/tight, gry, fine-gr ss.
Fruitland	2900'	3350'	Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss.
Pictured Cliffs	3350'	3450'	Bn-Gry, fine grn, tight ss.
Lewis	3450'	3860'	Shale w/siltstone stringers
Huerfanito Bentonite*	3860'	3955'	White, waxy chalky bentonite
Chacra	3955'	4890'	Gry fn grn silty, glauconitic sd stone w/dk gry shale
Cliff House	4890'	5123'	ss. Gry, fine-grn, dense sil ss.
Menefee	5123'	5520'	Med-dark gry, fine gr ss, carb sh & coal
Point Lookout	5520'	5955'	Med-tight gry, very fine gr ss w/frequent sh breaks in lower part of formation
Mancos	5955'	6780'	Dark gry carb sh.
Gallup	6780'	7475'	Lt gry to brn calc carb micac glauc silts & very fine gr gry ss w/irreg.interbed sh
Greenhorn	7475'	7540'	Highly calc gry sh w/thin lmst.
Graneros	7540'	7595'	Dk gry shale, fossil & carb w/pyrite incl.
Dakota	7595'	7836'	Lt to dk gry foss carb sl calc sl silty ss w/pyrite incl thin sh bands clay & shale breaks

38.

GEOLOGIC MARKERS

NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH
Ojo Alamo	2450'	
Kirtland	2600'	
Fruitland	2900'	
Pic.Cliffs	3350'	
Lewis	3450'	
Huerfanito Bent.	3860'	
Chacra	3955'	
Cliff House	4890'	
Menefee	5123'	
Pt.Lookout	5520'	
Mancos	5955'	
Gallup	6780'	
Greenhorn	7475'	
Graneros	7540'	
Dakota	7595'	

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