

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 ☐
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR ☐ Other ☐

RECEIVED
MAR 18 1998
OIL CON. DIV.
DIST. 3

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 #167M

9. API WELL NO.

30-039-25741

10. FIELD AND POOL, OR WILDCAT

Blanco MV/Basin DK

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

Sec. 4, T-27-N, R-6-W

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 890'FSL, 1820'FEL,

At top prod. interval reported below

At total depth DHC-1707

14. PERMIT NO. DATE ISSUED

12. COUNTY OR PARISH
Rio Arriba

13. STATE
New Mexico

15. DATE SPUDDED 12-29-97 16. DATE T.D. REACHED 1-5-98 17. DATE COMPL. (Ready to prod.) 2-16-98

18. ELEVATIONS (DF, RKB, RT, BR, ETC.)* 6226, GR, 6238 KB 19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD 7412 21. PLUG BACK T.D., MD & TVD 7371 22. IF MULTIPLE COMPL., HOW MANY* 2

23. INTERVALS DRILLED BY 0-7412 24. PRODUCTION INTERVAL (S) OF THIS COMPLETION-TOP, BOTTOM, NAME (MD AND TVD)*

4562-5515 Mesaverde Commingled w/Dakota

25. WAS DIRECTIONAL SURVEY MADE

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

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#	232	12 1/4	483 cu.ft.	
7	20#	3173	8 3/4	928 cu.ft.	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
4 1/2	2245	7410	630 cu.ft.		2 3/8	7329	

31. PERFORATION RECORD (Interval, size and number)

4562, 4567, 4582, 4602, 4608, 4616, 4630, 4638, 4654, 4661, 4670, 4677, 4686, 4692, 4718, 4723, 4773, 4781, 4823, 4914, 4921, 4940, 4955, 4962, 4968, 4982, 5078, 5087, 5098, 5111, 5134, 5141, 5152, 5157, 5164, 5168, 5181, 5194, 5198, 5204, 5210, 5224, 5233, 5249, 5295,

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
4562-4982	1250 bbl slk wtr, 100,000# 20/40 Arizona sd
5078-5515	2124 bbl slk wtr, 100,000# 20/40 Arizona sd

33. PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
2-16-98		Flowing				SI	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N FOR TEST PERIOD	OIL-BBL	GAS-MCF	WATER-BBL	GAS-OIL RATIO
2-16-98			→		470 Pitot Gauge		
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL-BBL	GAS-MCF	WATER-BBL	OIL GRAVITY-API (CORR.)	
SI 903	SI 968	→	ACCEPTED FOR RECORD				

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 information.

SIGNED [Signature] TITLE Regulatory Administrator DATE 3-9-98

*(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.

NMOC

3. 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

38.

GEOLOGIC MARKERS

Ojo Alamo	2182'	2330'	White, cr-gr ss.	Ojo Alamo	2182'	
Kirtland	2330'	2532'	Gry sh interbedded w/light, gry, fine-gr ss.	Kirtland	2330'	
Fruitland	2532'	2925'	Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss.	Fruitland	2532'	
Pictured Cliffs	2925'	3020'	Bn-Gry, fine grn, tight ss.	Pic.Cliffs	2925'	
Lewis	3020'	3450'	Shale w/siltstone stringers	Lewis	3020'	
Huerfianto Bentonite*	3450'	3503'	White, waxy chalky bentonite	Huerfianto Bent.	3450'	
Chacra	3503'	4405'	Gry fn grn silty, glauconitic sd stone w/drk gry shale	Chacra	3503'	
Cliff House	4405'	4694'	ss. Gry, fine-grn, dense sil ss.	Cliff House	4405'	
Menefee	4694'	5130'	Med-dark gry, fine gr ss, carb sh & coal	Menefee	4694'	
Point Lookout	5130'	5520'	Med-light gry, very fine gr ss w/frequent sh breaks in lower part of formation	Pt.Lookout	5130'	
Mancos	5520'	6355'	Dark gry carb sh.	Mancos	5520'	
Gallup	6355'	7038'	Lt gry to brn calc carb micac glauc silts & very fine gr gry ss w/irreg.interbed sh	Gallup	6355'	
Greenhorn	7038'	7120'	Highly calc gry sh w/thin lmst.	Greenhorn	7038'	
Graneros	7120'	7220'	Dk gry shale, fossil & carb w/pyrite include.	Graneros	7120'	
Dakota	7220'	7412'	Lt to dk gry foss carb sl calc sl silty ss w/pyrite incl thin sh bands clay & shale breaks	Dakota	7220'	

Perforations continued:
5320, 5370, 5416, 5433,
5444, 5459, 5515

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

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 ☐
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ 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: 890°FSL, 1820°FEL.
At top prod. interval reported below: DHC-1707
At total depth: DHC-1707

RECEIVED
MAR 18 1998
OIL CON. DIV.
DIST. 3

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 #167M
9. API WELL NO.: 30-039-25741
10. FIELD AND POOL, OR WILDCAT: Blanco MV/Basin DK
11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA: Sec. 4, T-27-N, R-6-W
12. COUNTY OR PARISH: Rio Arriba
13. STATE: New Mexico
14. PERMIT NO.:
DATE ISSUED:
15. DATE SPUDDED: 12-29-97
16. DATE T.D. REACHED: 1-5-98
17. DATE COMPL. (Ready to prod.): 2-16-98
18. ELEVATIONS (DF, RKB, RT, BR, ETC.): 6266 GR, 6238 KB
19. ELEV. CASINGHEAD:
20. TOTAL DEPTH, MD & TVD: 7412
21. PLUG, BACK T.D., MD & TVD: 7371
22. IF MULTIPLE COMPL., HOW MANY*: 2
23. INTERVALS DRILLED BY: 0-7412
24. PRODUCTION INTERVAL (S) OF THIS COMPLETION-TOP, BOTTOM, NAME (MD AND TVD)*: 7157-7364 Dakota, Commingled w/Mesaverde
25. WAS DIRECTIONAL SURVEY MADE:
26. TYPE ELECTRIC AND OTHER LOGS RUN: CNL-GR, CBL
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#	232	12 1/4	483 cu.ft.	
7	20#	3173	8 3/4	928 cu.ft.	

29. LINER RECORD				30. TUBING RECORD		
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)
4 1/2	2245	7410	630 cu.ft.		2 3/8	7329

31. PERFORATION RECORD (Interval, size and number): 7157, 7167, 7180, 7223, 7251, 7258, 7266, 7286, 7292, 7308, 7316, 7326, 7344, 7351, 7358, 7364
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.:
DEPTH INTERVAL (MD): 7157-7364
AMOUNT AND KIND OF MATERIAL USED: 1152 bbl 25# x-link gel, 90,000 super LC sd

33. PRODUCTION
DATE FIRST PRODUCTION: 2-16-98
PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump): Flowing
WELL STATUS (Producing or shut-in): SI
DATE OF TEST: 2-16-98
HOURS TESTED: 24
CHOKE SIZE: 515 Pilot Valve
PROD FOR TEST PERIOD: OIL-BBL, GAS-MCF, WATER-BBL
FLOW, TUBING PRESS.: SI 903
CASING PRESSURE: SI 968
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] TITLE: Regulatory Administrator
DATE: 3-9-98

*(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.

NMOC

V

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; core 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	2182'	2330'	White, cr-gr ss.	Ojo Alamo	2182'	
Kirtland	2330'	2532'	Gry sh interbedded w/tight, gry, fine-gr ss.	Kirtland	2330'	
Fruitland	2532'	2925'	Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss.	Fruitland	2532'	
Pictured Cliffs	2925'	3020'	Bn-Gry, fine grn, tight ss.	Pic.Cliffs	2925'	
Lewis	3020'	3450'	Shale w/siltstone stringers	Lewis	3020'	
Huerfanto Bentonite*	3450'	3503'	White, waxy chalky bentonite	Huerfanto Bent.	3450'	
Chacra	3503'	4405'	Gry fn grn silty, glauconitic sd stone w/drk gry shale	Chacra	3503'	
Cliff House	4405'	4694'	ss. Gry, fine-grn, dense sll ss.	Cliff House	4405'	
Menefee	4694'	5130'	Med-dark gry, fine gr ss, carb sh & coal	Menefee	4694'	
Point Lookout	5130'	5520'	Med-light gry, very fine gr ss w/frequent sh breaks in lower part of formation	Pt.Lookout	5130'	
Mancos	5520'	6355'	Dark gry carb sh.	Mancos	5520'	
Gallup	6355'	7038'	Lt gry to brn calc carb mlcac glauc silts & very fine gr gry ss w/irreg.interbed sh	Gallup	6355'	
Greenhorn	7038'	7120'	Highly calc gry sh w/thin lmst.	Greenhorn	7038'	
Graneros	7120'	7220'	Dk gry shale, fossil & carb w/pyrite include.	Graneros	7120'	
Dakota	7220'	7412'	Lt to dk gry foss carb sl calc sl silty ss w/pyrite incl thin sh bands clay & shale breaks	Dakota	7220'	

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