

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFOR APPROVED
OMB NO 1004-0137

Expires: December 31, 1991

5. LEASE DESIGNATION AND SERIAL NO.

SF-079521

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

San Juan 28-5 Unit

8. FARM OR LEASE NAME, WELL NO.

San Juan 28-5 Unit #41M

9. API WELL NO.

30-039-25626

10. FIELD AND POOL, OR WILDCAT

Blanco MV/Basin DK

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

Sec.32, T-28-N, R-5-W

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 ☐

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

950'FNL, 1070'FWL

At top prod. interval reported below

At total depth

14. PERMIT NO.

DATE ISSUED

12. COUNTY OR
PARISH
Rio Arriba13. STATE
New Mexico

15. DATE SPUDDED

3-5-97

16. DATE T.D. REACHED

3-13-97

17. DATE COMPL. (Ready to prod.)

4-6-97

18. ELEVATIONS (DF, RKB, RT, BR, ETC.)

6423 GR, 6435 KB

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD

7690

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

CIBP @ 5961

22. IF MULTIPLE COMPL.

HOW MANY*

23. INTERVALS

DRILLED BY

ROTARY TOOLS

CABLE TOOLS

0-7690

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

4801-5672 Mesaverde

25. WAS DIRECTIONAL
SURVEY MADE26. TYPE ELECTRIC AND OTHER LOGS RUN
GR-CNL27. 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	36#	229	12 1/4	230 cu.ft.	
7	20#	3512	8 3/4	919 cu.ft.	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
4 1/2	3030	7680	615 cu.ft.		2 3/8	5762	CIBP @ 5961

31. PERFORATION RECORD (Interval, size and number)

4801, 4816, 4838, 4874, 4883, 4909, 4917, 4933, 4944,
4963, 4985, 4993, 5005, 5011, 5031, 5049, 5057, 5091,
5131, 5137, 5151, 5243, 5260, 5265, 5287, 5295, 5325,
5401, 5410, 5420, 5431, 5437, 5448, 5456, 5465, 5479,
5490, 5506, 5511, 5525, 5539, 5544, 5555, 5568, 5634.

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
4801-5325	100,000# 20/40 Ariz sd, 2550 bbl slk wtr
5401-5756	100,000# 20/40 Ariz sd, 2550 bbl slk wtr

33. PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)					WELL STATUS (Producing or shut-in)	
4-6-97		Flowing					SI	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N FOR TEST PERIOD	OIL-BBL	GAS-MCF	WATER-BBL	GAS-OIL RATIO	
4-6-97					2050 Pitot Gauge			
FLOW TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL-BBL	GAS-MCF	WATER-BBL	OIL GRAVITY-API (CORR.)		
	SI 1374							

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 4/22/97

*(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 the jurisdiction of such department or agency.

ACCEPTED FOR RECORD

APR 28 1997

FARMINGTON DISTRICT OFFICE

NMCOO

DV

070 INFORMATION, NM
97 APR 23 PM 1:53

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.	38. GEOLOGIC MARKERS		
				NAME	TOP MEAS. DEPTH	TRUE VERT. DEPTH

Ojo Alamo 2562' 2685' White, cr-gr ss.

Kirtland 2685' 2850' Gry sh interbedded w/tight, gry, fine-gr ss.

Fruitland 2850' 3230' Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss.

Pictured Cliffs 3230' 3420' Bn-Gry, fine grn, tight ss.

Lewis 3420' 3822' Shale w/siltstone stringers

Huerfanto Bentonite* 3822' 4188' White, waxy chalky bentonite

Chacra 4188' 4797' Gry fn grn silty, glauconitic sd stone w/drk gry shale

Cliff House 4797' 5060' ss. Gry, fine-grn, dense sil ss.

Menefee 5060' 5398' Med-dark gry, fine gr ss, carb sh & coal

Point Lookout 5398' 5570' Med-light gry, very fine gr ss w/frequent sh breaks in lower part of formation

Mancos 5570' 6636' Dark gry carb sh.

Gallup 6636' 7335' Lt gry to brn calc carb micac glauc silts & very fine gr gry ss w/irreg. interbed sh
Perforations continued:
5636, 5656, 5672, 5674,
5724, 5727, 5752, 5756

Greenhorn 7335' 7440' Highly calc gry sh w/thin lmst.

Graneros 7440' 7540' Dk gry shale, fossil & carb w/pyrite incl.

Dakota 7540' 7690' Lt to dk gry foss carb sl calc sl silty ss w/pyrite incl thin sh bands clay & shale breaks

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

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Sec.32, T-28-N, R-5-W

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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 ☐

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 950'FNL, 1070'FWL

At top prod. interval reported below

At total depth

14. PERMIT NO. DATE ISSUED

12. COUNTY OR PARISH

Rio Arriba

13. STATE

New Mexico

15. DATE SPUDDED 3-5-97 16. DATE T.D. REACHED 3-13-97 17. DATE COMPL. (Ready to prod.) 4-6-97

18. ELEVATIONS (OF, RKB, RT, BR, ETC.)*
6423 GR, 6435 KB

19. ELEV CASINGHEAD

20. TOTAL DEPTH, MD & TVD 7690 21. PLUG, BACK T.D., MD & TVD CIBP @ 5961 22. IF MULTIPLE COMPL., HOW MANY*

23. INTERVALS DRILLED BY

ROTARY TOOLS

CABLE TOOLS

0-7690

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

7452-7630 Dakota

25. WAS DIRECTIONAL SURVEY MADE

26. TYPE ELECTRIC AND OTHER LOGS RUN
GR-CNL

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	36#	229	12 1/4	230 cu.ft.	
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29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
4 1/2	3030	7680	615 cu.ft.		2 3/8	5762	CIBP @ 5961

31. PERFORATION RECORD (Interval, size and number)
7452, 7455, 7466, 7491, 7500, 7508, 7514, 7543, 7552, 7562, 7589, 7595, 7606, 7613, 7626, 7630

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
7452-7630	90,000# 20/40 DC sd, 1068 bbl 30# x-link gel

33. PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
4-6-97		Flowing				SI	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N FOR TEST PERIOD	OIL-BBL	GAS-MCF	WATER-BBL	GAS-OIL RATIO
4-6-97			→		546 Pitot Gauge		
FLOW, TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL-BBL		GAS-MCF	WATER-BBL	OIL GRAVITY-API (CORR.)
	SI 1374	→					

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 4/22/97

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FARMINGTON DISTRICT OFFICE

NMOSD

BY

97 APR 23 PM 1:53
070 FARMINGTON, NM

RECEIVED

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38. GEOLOGIC MARKERS

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
Ojo Alamo	2562'	2685'	White, cr-gr ss.	Ojo Alamo	2562'	
Kirtland	2685'	2850'	Gry sh interbedded w/tight, gry, fine-gr ss.	Kirtland	2685'	
Fruitland	2850'	3230'	Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss.	Fruitland	2850'	
Pictured Cliffs	3230'	3420'	Bn-Gry, fine grn, tight ss.	Pic. Cliffs	3230'	
Lewis	3420'	3822'	Shale w/siltstone stringers	Lewis	3420'	
Huerfanito Bentonite*	3822'	4188'	White, waxy chalky bentonite	Huerfanito Bent.	3822'	
Chacra	4188'	4797'	Gry fn grn silty, glauconitic sd stone w/dk gry shale	Chacra	4188'	
Cliff House	4797'	5060'	ss. Gry, fine-grn, dense sil ss.	Cliff House	4797'	
Menefee	5060'	5398'	Med-dark gry, fine gr ss, carb sh & coal	Menefee	5060'	
Point Lookout	5398'	5570'	Med-light gry, very fine gr ss w/frequent sh breaks in lower part of formation	Pt. Lookout	5398'	
Mancos	5570'	6636'	Dark gry carb sh.	Mancos	5570'	
Gallup	6636'	7335'	Lt gry to brn calc carb micac glauc silts & very fine gr gry ss w/irreg. interbed sh	Gallup	6636'	
Greenhorn	7335'	7440'	Highly calc gry sh w/thin lmst.	Greenhorn	7335'	
Graneros	7440'	7540'	Dk gry shale, fossil & carb w/pyrite incl.	Graneros	7440'	
Dakota	7540'	7690'	Lt to dk gry foss carb sl calc sl silty ss w/pyrite incl thin sh bands clay & shale breaks	Dakota	7540'	

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