

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

5. LEASE DESIGNATION AND SERIAL NO.

SF-078387

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME, WELL NO.

Howell D #1B

9. API WELL NO.

30-045-30064

10. FIELD AND POOL, OR WILDCAT

Blanco Mesaverde/Basin Dakota

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

Sec.28, T-31-N, R-8-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 910'FNL, 1820'FWL

At top prod. interval reported below

At total depth

14. PERMIT NO.

DATE ISSUED

12. COUNTY OR PARISH

San Juan

13. STATE

New Mexico

15. DATE SPUDDED

2-17-00

16. DATE T.D. REACHED

3-10-00

17. DATE COMPL. (Ready to prod.)

5-9-00

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

6520'GL / 6532'KB

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD

8176'

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

8125'

22. IF MULTIPLE COMPL., HOW MANY*

2

23. INTERVALS DRILLED BY

ROTARY TOOLS

CABLE TOOLS

0-8176'

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

4400-6021' Mesaverde

25. WAS DIRECTIONAL SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

Array Ind./GR, Litho Density/Commpp Neutron/GR, Temp, CBL/GR/CCL

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
13 3/8"	48#	319'	17 1/2"	519 cu ft	
8 5/8"	32#	3614'	10 5/8"	436 cu ft	
5 1/2"	15.5#	8169'	7 7/8"	1308 cu ft	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					1 1/2"	5893'	6100'

30. TUBING RECORD

31. PERFORATION RECORD (Interval, size and number)

4400, 4402, 4404, 4406, 4408, 4410, 4412, 4414, 4416, 4418, 4516, 4518, 4520, 4522, 4524, 4526, 4528, 4530, 4532, 4534, 4536, 4538, 4570, 4572, 4574, 4576, 4578, 4580, 4582, 4584, 4586, 4588, 4714, 4716, 4718, 4720, 4722, 4724, 4726, 4728, 4986, 4988, 4990, 5020, 5037, 5056, 5073, 5085, 5102, 5124, 5150, 5185, 5196, 5230, 5254, 5285, 5294, 5306, 5320, 5330, 5348, 5367, 5390, 5403, 5427, 5456, 5525, 5544, 5567, 5576, 5610, 5634, 5650, 5668, 5675, 5704, 5760, 5776, 5797, 5814, 5831, 5862, 5880, 5911, 5931, 5962, 5971, 5988, 6021.

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
Cmt plug @ 2304'	250 sx Class "H" neat cmt w/3% calcium chloride (265 cu ft)
4400-4728'	649 bbls WF-120, 1,144,600 SCF N2, 200,000# 20/40 Brady sand.
4986-5456'	25 bbl 15% HCL acid, 2335 bbl 2% KCL slk wtr, 100,000# 20/40 Brady sand.
5525-6021'	20 bbl 15% HCL acid, 2335 bbl 2% KCL slk wtr, 100,000# 20/40 Brady sand.

33. PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
		Flowing				SI	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N FOR TEST PERIOD	OIL-BBL	GAS-MCF	WATER-BBL	GAS-OIL RATIO
5-9-00			→		672 Pitot guage		
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL-BBL	GAS-MCF	WATER-BBL	OIL GRAVITY-API (CORR.)	
SI 368	SI 368	→					

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

To be sold

TEST WITNESSED BY

35. LIST OF ATTACHMENTS

None

ACCEPTED FOR RECORD

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

SIGNED

Regulatory Supervisor

TITLE

Regulatory Supervisor

DATE

5-17-00

JUN 06 2000

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

FARMINGTON FIELD OFFICE
BY *[Signature]*

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.

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

Ojo Alamo	2232'	2296'	White, cr-gr ss.	Ojo Alamo	2232'
Kirtland	2296'	2880'	Gry sh interbedded w/tight, gry, fine-gr ss.	Kirtland	2296'
Fruitland	2880'	3410'	Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss.	Fruitland	2880'
Pictured Cliffs	3410'	3492'	Bn-Gry, fine grn, tight ss.	Pictured Cliffs	3410'
Lewis	3492'	4149'	Shale w/siltstone stringers	Lewis	3492'
Huerfanito Bentonite*	4149'	4516'	White, waxy chalky bentonite	Huerfanito Bent	4149'
Chacra	4516'	4976'	Gry fn grn silty, glauconitic sd stone w/dr k gry shale	Chacra	4516'
Cliff House	4976'	5334'	ss. Gry, fine-grn, dense sil ss.	Cliffhouse	4976'
Menefee	5334'	5666'	Med-dark gry, fine gr ss, carb sh & coal	Menefee	5334'
Point Lookout	5666'	6030'	Med-light gry, very fine gr ss w/frequent sh breaks in lower part of formation	Point Lookout	5666'
Mancos	6030'	6960'	Dark gry carb sh.	Mancos	6030'
Gallup	6960'	7690'	Lt gry to brn calc carb micac glauc silts & very fine gr gry ss w/irreg. interbed sh	Gallup	6960'
Greenhorn	7690'	7750'	Highly calc gry sh w/thin lmst.	Greenhorn	7690'
Graneros	7750'	7884'	Dk gry shale, fossil & carb w/pyrite incl.	Graneros	7750'
Dakota	7884'	8176'	Lt to dk gry foss carb sl calc sl silty ss w/pyrite incl thin sh bands clay & shale breaks	Dakota	7884'

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