

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.

NMSF-078161

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME, WELL NO.

Shults Federal #1E

9. API WELL NO.

30-045-30778

10. FIELD AND POOL, OR WILDCAT

Otero Chacra/Blanco MV/Basin DK

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

Sec.1, T-29-N, R-11-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 ☐ DHC-2979

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 1200' FSL, 1000' FWL

At top prod. interval reported below 1445 FSL, 1065 FWL

At total depth

14. PERMIT NO.

DATE ISSUED

12. COUNTY OR PARISH

San Juan

13. STATE

New Mexico

15. DATE SPUDDED

1/9/2002

16. DATE T.D. REACHED

1/22/2002

17. DATE COMPL. (Ready to prod.)

4/18/2002

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

5887' GL, 5899' KB

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD

7012'

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

6976'

22. IF MULTIPLE COMPL., HOW MANY*

3

23. INTERVALS DRILLED BY

ROTARY TOOLS

CABLE TOOLS

0-7012'

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

4194-4753' Mesaverde

25. WAS DIRECTIONAL SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

Platform express, GR/CBL/CCL

27. WAS WELL CORED

No

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
8 5/8	32.3#	364'	12 1/4	336 cu. Ft.	
4 1/2	10.5#	7005'	7 7/8	3038 cu. Ft.	

LINER RECORD				TUBING RECORD		
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)
					2 3/8	6766'

31. PERFORATION RECORD (Interval, size and number)

4194, 4200, 4217, 4261, 4266, 4299, 4312, 4322, 4327, 4366, 4373, 4378, 4514, 4534, 4536, 4552, 4564, 4575, 4584, 4598, 4628, 4701, 4707, 4712, 4723, 4729, 4645, 4751, 4753

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
4194-4753'	2005 bbls slick water, 100,000# 20/40 Brady sand

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

			Flowing			Test	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N FOR TEST PERIOD	OIL-BBL	GAS-MCF	WATER-BBL	GAS-OIL RATIO
4/8/2002	3 hrs		→				
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL-BBL	GAS-MCF	WATER-BBL	OIL GRAVITY-API (CORR.)	
SI 540	SI 550	→		1282 Separator		TEST WITNESSED BY	

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 Supervisor DATE 4/24/2002

*(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.

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	DESCR. & CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEP.
Ojo Alamo	897'	1022'	White, cr-gr ss.	Ojo Alamo	897'	
Kirtland	1022'	1795'	Gry sh interbedded w/tight, gry, fine-gr ss.	Kirtland	1022'	
Fruitland	1795'	2196'	Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss.	Fruitland	1795'	
Pictured Cliffs	2196'	2400'	Bn-Gry, fine grn, tight ss.	Pictured Cliffs	2196'	
Lewis	2400'	2418'	Shale w/siltstone stringers	Lewis	2400'	
Huerfanto Bentonite*	2418'	2867'	White, waxy chalky bentonite	Huerfanto Bent	2418'	
Chacra	2867'	3860'	Gry fn grn silty, glauconitic sd stone w/drk gry shale	Chacra	2867'	
Cliff House	3860'	3908'	ss. Gry, fine-grn, dense sil ss.	Cliffhouse	3860'	
Menefee	3908'	4530'	Med-dark gry, fine gr ss, carb sh & coal	Menefee	3908'	
Point Lookout	4530'	4867'	Med-light gry, very fine gr ss w/frequent sh breaks in lower part of formation	Point Lookout	4530'	
Mancos	4867'	5744'	Dark gry carb sh.	Mancos	4867'	
Gallup	5744'	6487'	Lt gry to brn calc carb micac glauc silts & very fine gr gry ss w/irreg. interbed sh	Gallup	5744'	
Greenhorn	6487'	6550'	Highly calc gry sh w/thin lmst.	Greenhorn	6487'	
Graneros	6550'	6613'	Dk gry shale, fossil & carb w/pyrite incl.	Graneros	6550'	
Dakota	6613'	7012'	Lt to dk gry foss carb sl calc sl silty ss w/pyrite incl thin sh bands clay & shale breaks	Dakota	6613'	

38. GEOLOGIC MARKERS

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