

# RECEIVED

Form 3160-4  
(October 1990)

**UNITED STATES**  
**DEPARTMENT OF THE INTERIOR**  
**BUREAU OF LAND MANAGEMENT**  
Bureau of Land Management  
Farmington Field Office

APR 25 2008  
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.

**USA SF-078103-B**

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME  
**Huerfano Unit**

8. FARM OR LEASE NAME, WELL NO.

**554**

9. API WELL NO.

**30-045-34558**

10. FIELD AND POOL, OR WILDCAT

**Basin Dakota**

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

**Sec.35 T26N R9W, NMPM**  
**RCUD MAY 6 '08**  
**OIL CONS. DIV.**

## 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 **Unit B (NWNE) 395' FNL, 1525' FEL**

At top prod. interval reported below **Same as above**

At total depth **Same as above**

14. PERMIT NO. DATE ISSUED

12. COUNTY OR PARISH

**San Juan**

13. STATE

**Dist. 3 New Mexico**

15. DATE SPUDDED **2/19/08** 16. DATE T.D. REACHED **2/25/08** 17. DATE COMPL. (Ready to prod) **4/21/08**

18. ELEVATIONS (DF, RKB, RT, BR, ETC.)\*  
**GL 6477' KB 6489'**

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD

**6780'**

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

**6759'**

22. IF MULTIPLE COMPL., HOW MANY\*

23. INTERVALS DRILLED BY

ROTARY TOOLS

CABLE TOOLS

**yes**

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

**Basin Dakota 6436' - 6721'**

25. WAS DIRECTIONAL SURVEY MADE  
**No**

26. TYPE ELECTRIC AND OTHER LOGS RUN

**GR/CCL/DBL**

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
<b>8 5/8"</b>	<b>24#/J-55</b>	<b>352'</b>	<b>12 1/4"</b>	<b>surface; 325 sx (397 cf)</b>	<b>30 bbls</b>
<b>4 1/2"</b>	<b>11.6#/L-80</b>	<b>6776'</b>	<b>7 7/8"</b>	<b>TOC surf: 389 sx (564 cf)</b>	<b>160 bbls</b>

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					<b>2-3/8"</b>	<b>6538'</b>	

31. PERFORATION RECORD (Interval, size and number)

**.34" @ 2 SPF**  
**6616' - 6721' = 26 holes**  
**.34" @ 1 SPF**  
**6436' - 6558' = 18 holes**

**Total holes = 44**

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

**6436' - 6721'**  
**Acidize w/10 bbls 15% HCL. Frac w/28,602 85% slickwater, w/25,000# 20/40 TLC Sand**  
**N2 = 4,430,000 SCF**

33. PRODUCTION  
DATE FIRST PRODUCTION **SI waiting on facilities** PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) **Flowing**

WELL STATUS (Producing or shut-in) **SI**

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N FOR TEST PERIOD	OIL-BBL	GAS-MCF	WATER-BBL	GAS-OIL RATIO
<b>4/21/08</b>	<b>1</b>	<b>1/2"</b>		<b>.13 boph</b>	<b>69 mcf</b>	<b>2 bwph</b>	
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL-BBL	GAS-MCF	WATER-BBL	OIL GRAVITY-API (CORR.)	
<b>SI - 1273#</b>	<b>SI - 1273#</b>		<b>3.12 bopd</b>	<b>1650 mcf/d</b>	<b>48 bwpd</b>		

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

**To be sold**

TEST WITNESSED BY

35. LIST OF ATTACHMENTS

**This well is a Basin Dakota stand-alone.**

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

SIGNED Shonk B. B. B. TITLE **Regulatory Technician**

DATE **4/23/08**

**MAY 05 2008**

(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.

**ACCEPTED FOR RECORD**

**FARMINGTON FIELD OFFICE**

**NMOCD**

Well Name		Huerfano Unit 554			
Ojo Alamo	1238'	1344'	White, cr-gr ss.	Ojo Alamo	1238'
Kirtland	1344'	1793'	Gry sh interbedded w/tight, gry, fine-gr ss.	Kirtland	1344'
Fruitland	1793'	2043'	Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss	Fruitland	1793'
Pictured Cliffs	2043'	2145'	Bn-Gry, fine grn, tight ss.	Pic.Cliffs	2043'
Lewis	2145'	2420'	Shale w/siltstone stringers	Lewis	2145'
Huerfanito Bentonite	2420'	2905'	White, waxy chalky bentonite	Huerfanito Bent.	2420'
Chacra	2905'	3496'	Gry fn grn silty, glauconitic sd stone w/drck gry shale	Chacra	2905'
Mesa Verde	3496'	3647'	Light gry, med-fine gr ss, carb sh & coal	Mesa Verde	3496'
Menefee	3647'	4424'	Med-dark gry, fine gr ss, carb sh & coal	Menefee	3647'
Point Lookout	4424'	4833'	Med-light gry, very fine gr ss w/frequent sh breaks in lower part of formation	Point Lookout	4424'
Mancos	4833'	5474'	Dark gry carb sh.	Mancos	4833'
Gallup	5474'	6350'	Lt gry to brn calc carb micac glauc silts & very fine gr gry ss w/irreg. Interbeb sh	Gallup	5474'
Greenhorn	6350'	6404'	Highly calc gry sh w/thin lmst.	Greenhorn	6350'
Graneros	6404'	6433'	Dk gry shale, fossil & carb w/pyrite incl.	Graneros	6404'
Dakota	6433'		Lt to dk gry foss carb sl calc sl silty ss w/pyrite incl thin sh bands clay & shall breaks	Dakota	6433'