

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

RCVD DEC 20 '07

OIL CONS. DIV.

Sundry Notices and Reports on Wells

DIST. 3

RECEIVED

DEC 14 2007

Bureau of Land Management
Farmington Field Office1. Type of Well
GAS

2. Name of Operator

Burlington Resources Oil & Gas Company LP

3. Address & Phone No. of Operator

PO Box 4289, Farmington, NM 87499 (505) 326-9700

4. Location of Well, Footage, Sec., T, R, M

Unit M (SWSW) 1025' FSL & 1290' FWL, Sec. 22, T30N, R10W, NMPM

5. Lease Number
NM-0555078
6. If Indian, All. or
Tribe Name
7. Unit Agreement Name
8. Well Name & Number
Helms Federal 100
9. API Well No.
30-045-34257
10. Field and Pool
Basin FC/N Aztec FS
11. County and State
San Juan Co., NM

12. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OTHER DATA**Type of Submission****Type of Action**☐ Notice of Intent☐ Abandonment☐ Change of Plans☒ Other - Completion Detail☒ Subsequent Report☐ Recompletion☐ New Construction☐ Plugging☐ Casing Repair☐ Non-Routine Fracturing☐ Final Abandonment☐ Altering Casing☐ Water Shut off☐ Conversion to Injection**13. Describe Proposed or Completed Operations**

7/23/07 RU Blue Jet to run GR & CCL logs from 2945' to surface. PBTD 2946'. TOC @ surface. (7" shoe @ 133').

8/24/07 PT csg to 4000psi for 15 mins. RU Blue Jet to perf FC/FS w/.32" 2 SPF @ 2784'-2778', 2770'-2766', 2758'-2754', 2748'-2742', 2726'-2722', 2624'-2620', 2616'-2608' = 72 holes. And 1 SPF @ 2674'-2664', 2658'-2654', 2636'-2628', 2604'-2602' = 28 holes. Total FC/FS holes = 100. Frac FC/FS (2602'-2784'). Acidize w/500gls 15% HCL acid, frac w/2016gls 25# X-Link Pre-pad & 12,936gls 75Q N2 25# Linear Foamed pad w/124,000 20/40 AZ sand. RIH & set CFP @ 2584'

8/24/07 Perf FC/FS w/.32" 2 SPF @ 2570'-2564', 2542'-2536', 2512'-2510', 2498'-2487', 2470'-2466', 2458'-2456' = 62 holes. And 1 SPF @ 2430'-2420', 2416'-2410' = 18 holes. Total FC/FS holes = 80. Frac FC/FS (2410'-2570'). Acidize w/500gls 15% HCL, frac w/2352fls 25# X-Link Pre-pad & 13,753gls 75Q N2 25# Linear Foamed pad w/122,000# 20/40 Brady sand. Begin flowback. 1 day flowback. 8/27/07 RIH w/CBP & set @ 2310'.

FS perfs were determined to be 2420'-2430', 2536'-2570', & 2654'-2674'.

11/21/07 MIRU DWS 24. ND WH, NU BOP. RIH w/mill MO CO CBP @ 2310' & CFP @ 2584'. 11/29/07 Flow test well.

11/30/07 RIH w/89jts 2 3/8" 4.7# J-55 tbg & land @ 2784'. RD MO.

14. I hereby certify that the foregoing is true and correct.

Signed

Tamra Sessions

Tamra Sessions

Title Regulatory Technician

Date 12/13/2007

(This space for Federal or State Office use)

APPROVED BY

Title

Date

CONDITION OF APPROVAL, if any:

Title 18 U S C Section 1001, makes it a crime for any person knowingly and willfully to make any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

NMOC

ACCEPTED FOR RECORD

DEC 18 2007

FARMINGTON FIELD OFFICE
BY *T. Salyers*