submitted in lieu of Form 3160-5

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Sundry Notices and Reports on Wells

5. Lease Number
NM-0555078

1. Type of Well
GAS

6. If Indian, All. or Tribe Name

7. Unit Agreement Name

2. Name of Operator
BURLINGTON RESOURCES OIL & GAS COMPANY

8. Well Name & Number
Helms Federal #1

3. Address & Phone No. of Operator
PO Box 4289, Farmington, NM 87499 (505) 326-9700

9. API Well No.
30-045-09330

4. Location of Well, Footage, Sec., T, R, M
1800'FSL, 1695'FWL, Sec.22, T-30-N, R-10-W, NMPM

10. Field and Pool
Blanco MV/Basin DK

11. County and State
San Juan Co, NM

JAN 2000
RECEIVED
OIL CON. DIV
DIST. 3

12. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OTHER DATA

Type of Submission	Type of Action	
_X_ Notice of Intent	___ Abandonment	___ Change of Plans
	___ Recompletion	___ New Construction
___ Subsequent Report	___ Plugging Back	___ Non-Routine Fracturing
	___ Casing Repair	___ Water Shut off
___ Final Abandonment	___ Altering Casing	___ Conversion to Injection
	_X_ Other - Tubing Repair	

13. Describe Proposed or Completed Operations

It is intended to repair the tubing in the subject well according to the attached procedure.

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

Signed Peggy Cole Title Regulatory Administrator Date 12/28/99

trc

(This space for Federal or State Office use)
APPROVED BY Chip Harraden Title Acting Team Lead Date 1/11/00
CONDITION OF APPROVAL, if any:

NMOCD

Helms Federal #1

Mesaverde/Dakota
1800' FSL, 1695' FWL
Unit K, Section 22, T-30-N, R-10-W
Latitude / Longitude: 36° 47.71728' / 107° 52.46886'
DPNO: 3222401 DK / 3222402 MV
Tubing Repair Procedure

Summary/Recommendation:

Helms Federal #1 was drilled in 1964 and completed as a dual MV/DK producer. In 1997, the Menefee and Lower Point Lookout formations were added to the Mesaverde completion and consequently commingled with the Dakota. As a result of broaching the tubing prior to landing, 15 joints were laid down because they were plugged with scale and paraffin. Since then, swabbing attempts have been unsuccessful because of the plugged tubing. Currently the commingled production is producing up the casing/tubing annulus. During the workover, the tubing and casing will be cleaned out and a plunger lift system will be installed. Anticipated uplift is 60 Mcfd.

1. Comply with all NMOCD, BLM and Burlington safety and environmental regulations. Test rig anchors and build blow pit prior to moving in rig. **Notify BROG Regulatory (Peggy Bradfield 326-9727) and the appropriate Regulatory Agency prior to pumping any cement job. If an unplanned cement job is required, approval is required before the job can be pumped. If verbal approval is obtained, document approval in DIMS/WIMS. Allow as much time as possible prior to pump time in case the Agency decides to witness the cement job.**

2. MOL and RU workover rig. Obtain and record all wellhead pressures. NU relief line. Blow well down and kill with 2% KCL water if necessary. ND WH and NU BOP with stripping head. Test and record operation of BOP rams. Have wellhead and valves serviced as necessary. Test secondary seal and replace/install as necessary.

3. Mesaverde/Dakota tubing, 2-3/8", 4.7 #/ft, J-55 is set at 7312'. Release donut and TOOH with tubing. Visually inspect tubing for corrosion. Check tubing for scale build up and notify Operations Engineer. LD any bad or plugged joints.

4. PU and TIH with 4-1/4" bit, bit sub and watermelon mill for 5", 15.5# casing on 2-3/8" tubing string. Round trip to PBTD at 7357', cleaning out with air/mist. **NOTE: When using air/mist, minimum mist rate is 12 bph.** If scale is present, contact Operations Engineer to determine methodology for removing scale from casing and perforations.

5. TIH with one joint of 2-3/8" tubing with an expendable check on bottom and a seating nipple one joint off bottom then ½ of the 2-3/8" production tubing. Run a broach on sandline to insure that the tubing is clear. TIH with remaining 2-3/8" tubing and then broach this tubing. Replace any bad or plugged joints. CO to PBTD with air/mist. PU above the perforations. Alternate blow and flow periods, making short trips for clean up as necessary.

6. Land tubing at ±7312'. ND BOP and NU WH. Pump off expendable check. Connect to casing and circulate air to assure that expendable check has pumped off. Obtain pitot gauge up the tubing. If well will not flow up the tubing, make swab run to SN. RD and MOL. Return well to production.

Recommended: J. L. Dobson
Operations Engineer

Approved: Bruce D. Boyd 12.20.99
Drilling Superintendent

Operations Engineer: Jennifer L. Dobson
Office - (599-4026)
Home - (564-3244)
Pager - (324-2461)

JLD/klg