submitted in lieu of Form 3160-5

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Sundry Notices and Reports on Wells

97 FEB 10 PM 1:38

070 FARMINGTON, NM

1. **Type of Well**
GAS

5. **Lease Number**
SF-077833-A

6. **If Indian, All. or Tribe Name**

7. **Unit Agreement Name**

2. **Name of Operator**
BURLINGTON RESOURCES OIL & GAS COMPANY

8. **Well Name & Number**
Mansfield #11

9. **API Well No.**
300452099200

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

10. **Field and Pool**
Basin Dakota

4. **Location of Well, Footage, Sec., T, R, M**
830'FSL, 1840'FWL, Sec.29, T-30-N, R-9-W, NMPM
N

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	
_x_ Notice of Intent	___ Abandonment	_x_ 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 -Bradenhead Repair	

13. **Describe Proposed or Completed Operations**
It is intended to repair the bradenhead on the subject well according to the attached procedures.

RECEIVED
FEB 24 1997
OIL CON. DIV.
DIST. 3

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

Signed [signature] Title Regulatory Administrator Date 2/5/97

(This space for Federal or State Office use)
APPROVED BY /S/ Duane W. Spencer (vgw) Title _____ Date FEB 21 1997
CONDITION OF APPROVAL, if any:

NMOCD

WORKOVER PROCEDURE - BRADENHEAD REPAIR

Mansfield #11
Basin Dakota
Sec. 29, T30N, R09W
San Juan County, NM
DPNO 43985A

1. Comply to all NMOCD, BLM, and BR regulations. Conduct daily safety meetings for all personnel on location. Notify BR 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 the approval in DIMS/WIMS.** As much time as possible to the pump time is needed for the Agency to be able to shop up for the cement job.

2. Test location rig anchors and repair if necessary. Prepare blow pit. MOL and RU daylight pulling unit. Install a 400 Bbl frac tank and an atmospheric blow tank. NU blooie line to blow pit, and relief line to atmospheric tank. Fill frac tank with 1% KCl water.

3. Blow down tubing (229 jts., 2 3/8", 4.7#) to atmospheric tank. Control well with 1% KCl water as needed. ND wellhead and NU BOP's. Test and record operation of BOP's. Send wellhead to A-1 Machine or WSI for inspection.

4. TIH, tag bottom. Record depth. TOOH with 2 3/8" tubing. Visually inspect tubing, and replace joints that are in bad condition. Note any buildup of scale, and notify Operations Engineer.

5. TIH with 3 7/8" bit and 4 1/2", 11.6# casing scraper to below perfs. TOOH w/bit and scraper. PU 4 1/2" RBP and TIH. Set RBP @ 6800'. Roll hole w/1% KCl water. Pressure test casing to 750 psig. Spot one sack of sand on top of RBP. TOOH.

6. RU wireline unit. Run CBL (with 1000 psig pressure) to 2752' to determine TOC behind 4 1/2" casing. Temperature Survey indicated TOC is 1660'. Perforate 4 squeeze holes as close to TOC as possible. PU 4-1/2" fullbore packer and set 200' above squeeze holes. Establish rate into perforations with bradenhead valve open. Max pressure 1000 psig. Mix and pump cement. Displace cement to packer. Squeeze cement into perforations. Hold squeeze pressure and WOC 12 hours (overnight).

7. TOH with packer. TIH with 3 7/8" bit and drill out cement. Pressure test casing to 750 psig. Test bradenhead valve for flow. Re-squeeze as necessary to hold pressure, or to stop bradenhead flow.

8. TIH with retrieving tool and retrieve RBP from 4 1/2" liner. POOH and LD RBP.

9. TIH with production tubing (seating nipple with pump out plug one joint off bottom). CO to PBTD with air. Land tubing @ 7164'.

10. ND BOP's and NU wellhead. Pump plug from tubing. Obtain final gauge. Release rig.

Recommended: Gaye White 1/28/97
Operations Engineer

Approval: 1/29/97
Drilling Superintendent

Contacts: **Operations Engineer** **Gaye White** **326-9875**

VGW/CRF/cf

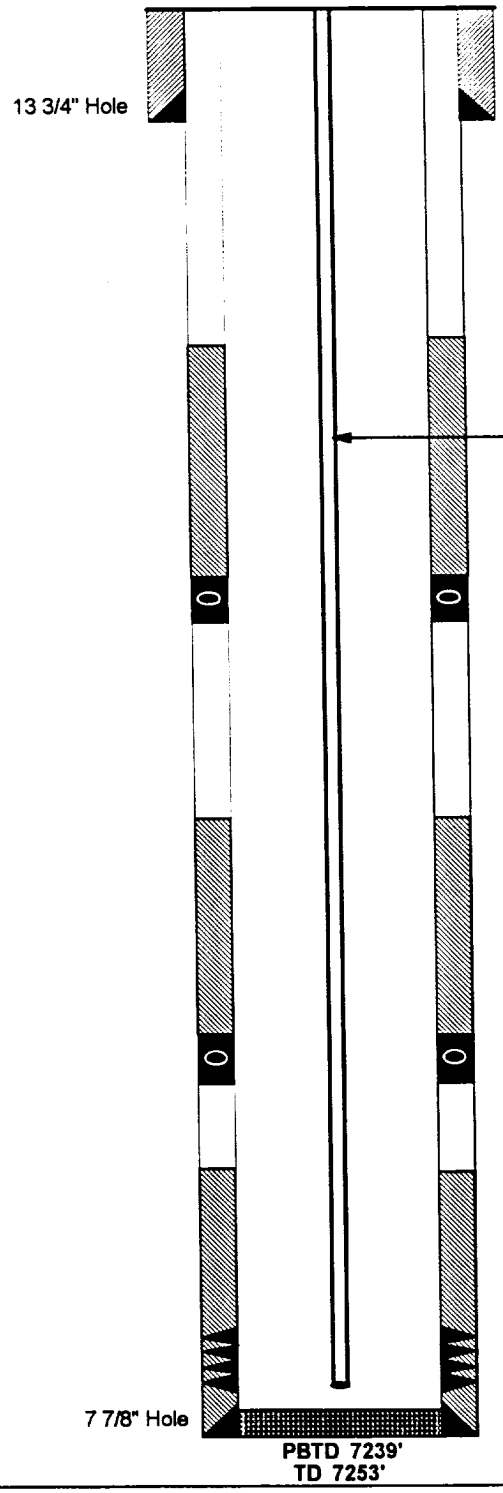
Mansfield #11

CURRENT -- 12/18/96

Basin Dakota
DPNO 43985A

830' FSL, 1840' FWL,
Section 29, T-30-N, R-09-W, San Juan County, NM
Longitude / Latitude: 36° 46.66902' – 107° 48.3426'

Spud: 7-23-72
Completed: 8-24-72
Elevation: 5914' (GL)
5928' (KB)
Logs: FDC-GR; IES; TS
Compression: B6
Workover(s): None



9 5/8" 32.3#, H40, Csg set @ 229'
Cmt. w/224 cf cmt. Circulated 14 Bbls to surface

Ojo Alamo @ 1373'
Kirtland @ 1445'

TOC @ 1660' (TS)

2-3/8", 4.7#, K55 Tubing set @ 7162'
(229 jts.)
(SN @ 7129')
(Baker expandable check valve on bottom)

Pictured Cliffs @ 2552'

DV Tool @ 2752'

Mesa Verde @ 4175'

TOC @ 3968' (Est. 75% Effic.)

Point Lookout @ 4776'

DV Tool @ 5028'

Gallup @ 5740'

TOC @ 6038' (Est. 75% Effic.)

Greenhorn @ 6794'
Graneros @ 6847'

Dakota @ 6996'

Perfs @ 6898' – 7164' w/18 spz
Fraced w/56,000# 40/60 sand & 57,162 gal. wate

4 1/2", 11.6# & 10.5#, J55 Csg set @ 7253',
Cmt Stg. 1 - 369 cf cmt (TOC @ 6038' (Est.))
Cmt Stg. 2 - 393 cf cmt (TOC @ 3968' (Est.))
Cmt Stg. 3 - 633 cf cmt (TOC @ 1660' (TS))

CASING PRESSURES

Initial SICP (8/72): 2,066 psi

Current SICP (4/93): 714 psi

PRODUCTION HISTORY

Gas Cum: 702.1 MMcf
Current (10/96) 68 Mcf/d

Oil Cum: 342 Bo
Current (10/96) .08 Bo/d

INTEREST

GWI: 100.00%

NRI: 77.75%

SJBT: 0.00%

PIPELINE

EPNG