State of New Mexico
Energy, Minerals and Natural Resources Department
Oil Conservation Division

Sundry Notices and Reports on Wells

API # (assigned by OCD)
30-045-24312

1. **Type of Well**
GAS

5. **Lease Number**
Fee

6. **State Oil&Gas Lease #**

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

7. **Lease Name/Unit Name**
Mexico Federal N

8. **Well No.**
#1E

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

9. **Pool Name or Wildcat**
Basin Dakota

4. **Location of Well, Footage, Sec., T, R, M**
1850'FSL, 1070'FWL, Sec.15, T-29-N, R-11-W, NMPM, San Juan County, NM

10. **Elevation:**

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.

RECEIVED
NOV 29 1999
OIL CON. DIV.
DIST. 3

SIGNATURE Peggy Cole Regulatory Administrator November 19, 1999

trc

(This space for State Use)

Approved by ORIGINAL SIGNED BY CHARLIE T. PERRIN Title DEPUTY OIL & GAS INSPECTOR, DIST. #3 Date NOV 29 1999

Mexico Federal N 1E
Dakota
1850' FSL & 1070' FWL
Unit L, Section 15, T29N, R11W
Latitude / Longitude: 36° 43.4060'/ 107° 59.0323'
DPNO: 1210401
Tubing Repair Procedure

Project Summary: The Mexico Federal N 1E was drilled in 1981 as a Dakota producer. In 1986 a Guiberson full-bore production packer was set at 1900'. The tubing has not been pulled since 1986. A wireline check on 09/12/99 indicates fluid at 5800', 520' above the top perf. **A piece of standing valve is lodged in the seating nipple causing a partial obstruction in the tubing.** The Mexican Federal N 1E is currently producing 100 MCFD (3 month average) and has a cumulative production of 1,138 MMCF. Estimated post work uplift is 50 MCFD. We propose to pull tubing, remove the packer and check for fill and replace any worn or scaled tubing.

1. Hold safety meeting. 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 wellhead 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. The Dakota tubing is 2-3/8", 4.7#, J-5 EUE set at 6327'. **There is a piece of standing valve lodged in the SN** (set at 6327'). RU wireline and set tubing stop above SN.

4. There is a Guiberson full bore production packer set at 1900'. The packer in this well is thought to be either a Guiberson AVA ER-1 or a Guiberson AVA G-6, well information is inconclusive. Try to release the packer as a Guiberson AVA ER-1, if packer does not release try releasing it as a Guiberson AVA G-6. Refer to the attached packer information for release instructions for both models. If packer will not release, then cut 2-3/8" tubing above the packer and fish with overshot and jars. TOOH with 2-3/8" tubing, packer and 2-3/8" tail pipe. Visually inspect the tubing for corrosion and replace any bad joints. Check tubing for scale and notify the Operations Engineer if scale is present.

5. TIH with a 4-3/4" bit and watermelon mill on 2-3/8" tubing and tag bottom. PBTD should be at +/- 6455'. If fill covers any perforations then clean out to below perforations with air/mist. PU above the perforations and flow the well naturally, making short trips for clean up when necessary. TOOH with tubing. **NOTE: When using air/mist, minimum mist rate is 12 bph.**

6. TIH with one joint of 2-3/8" tubing with an expendable check on bottom and a seating nipple one joint off bottom. Run a broach on sandline to insure that the tubing is clear. Land tubing at approximately 6350'. ND BOP and NU WH. Pump off expendable check. Connect to casing and circulate air to assure that expendable check has pumped off. If well will not flow on it's own, make swab run to SN. RD and MOL. Return well to production.

Recommended: _____ 11/02/99
Operations Engineer

Approved: Bruce W. Boyer 11-4-99
Drilling Superintendent

Joe Michetti
Office - 326-9764
Pager – 564-7187

JAM/jms