

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

Sundry Notices and Reports on Wells

RECEIVED

MAR 14 2008

Bureau of Land Management  
Farmington Field Office

1. Type of Well  
GAS

2. Name of Operator

**BURLINGTON**

RESOURCES OIL & GAS COMPANY LP

3. Address & Phone No. of Operator

P.O. Box 4289, Farmington, NM 87499

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

Unit H (SENE), 1650' FNL & 990' FEL, Section 13, T30N, R13W, NMPM

5. Lease Number  
NM-0546

6. If Indian, All. or  
Tribe Name

7. Unit Agreement Name

8. Well Name & Number  
Maddox WN Federal 1

9. API Well No.  
30-045-09529

10. Field and Pool  
Basin Dakota

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 - Casing Clean out & test /

☐ Subsequent Report

☐ Recompletion

☐ New Construction

☐ Release Packer / Repair Tubing

☐ Final Abandonment

☐ Plugging

☐ Non-Routine Fracturing

☐ Casing Repair

☐ Water Shut off

☐ Altering Casing

☐ Conversion to Injection

13. Describe Proposed or Completed Operations

Burlington Resources wishes to release packer, test casing, repair tubing and clean out casing per attached procedures.

RCVD MAR 21 '08  
OIL CONS. DIV.

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

DIST. 3

Signed Tamra Sessions Title Regulatory Technician Date 3/13/2008

(This space for Federal or State Office use)

APPROVED BY Wayne Townsend Title Pet. Eng. Date 3-20-08

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

SEE ATTACHED FOR  
CONDITIONS OF APPROVAL

NMOCD

**ConocoPhillips**  
**Maddox WN Federal #1 (DK)**  
**Release Packer, Test Csg, Repair Tbg and Clean Out**

**Lat** 36° 48' 56.376" N    **Long** 108° 9' 1.8" W

Prepared By:    Krista McWilliams                      Engineer                      Date:    2/20/08  
BAE Peer review/approved By:    Kelly Kolb                      Date:    2/27/08

**Scope of work:** The intent of this procedure is to release the packer, round trip tubing and remove obstructions, test casing, clean out fill, return well to production.

**Est. Cost:**

**Est. Rig Days:**                      4

**WELL DATA:**

**API:**                      300450952900

**Location:**                      1650 FNL & 990 FEL, Unit H, Section 13- T30N - R13W

**PBTD:** 6755'    **TD:** 6790'

**Perforations:**    6522'-6738' (DK)

**Well History:** The Maddox WN Federal #1 was spud on 8/1960 as a stand-alone Dakota. In 9/1982, a rig moved on to repair a casing leak in the Cliff House at approximately 3774'. They squeezed the hole off three times with a combined total of 175 sx in order to successfully isolate the leak. The tubing showed heavy scale and several joints were replaced. A packer was set at 6400' above the DK perforations. The well has not produced more than a few mcf/d since 2002. A slickline report from 6/2002 showed tight spots in the tubing and a scaled up seating nipple. The casing/tubing pressures taken at that time (440 psi/440 psi) also indicate a tubing/packer failure. The fluid level was estimated to be at 6050'. A slickline report from 8/2007 tagged sand fill in the tubing, equalized casing/tubing pressures (40 psi/40 psi) and an estimated fluid level of 4200'.

**B2 Adapters are required on all wells other than pumping wells.**

**Artificial lift on well (type):**    Plunger Lift

**Est. Reservoir Pressure (psig):**    1800 (DK)

**Well Failure Date:**    2002

**Current Rate (Mcf/d):**    0

**Est. Rate Post Remedial (Mcf/d):**    50

**Earthen Pit Required:**                      NO

**Special Requirements:**                      2-3/8" tubing string (use yellow band if available)

**BAE Production Engineer:**    Krista McWilliams, Home: (505)334-3096, Cell: (505)419-1627

**BAE Backup:**                      Pat Bergman, Office: (832)486-2358, Cell: (281)382-8103

**MSO:**                      Dewayne Peek                      Cell: (505)320-9570

**Lead:**                      Billy Schaaphok                      Cell: (505)320-2597

**Area Foreman:**                      Tom Lentz                      Cell: (505)320-4636

**ConocoPhillips**  
**Maddox WN Federal #1 (DK)**  
**Release Packer, Test Csg, Repair Tbg and Clean Out**

**Lat 36° 48' 56.376" N    Long 108° 9' 1.8" W**

**PROCEDURE:**

1. Send slick line to set (2) two three-slip stops one on top of obstruction and one 10-15' above obstructions. Contact operator to determine operating conditions.
2. Hold safety meeting. Comply with all NMOC, BLM, and ConocoPhillips safety and environmental regulations. Test rig anchors prior to moving in rig. Last rig date was 1982.
3. MIRU. Check casing, tubing, and bradenhead pressures and record them in Wellview. RU blow lines from casing valves and begin blowing down casing pressure. Kill well with 2% KCL if necessary. ND wellhead, NU BOP.
4. Release Baker Lockset Production packer and TOOH. PBTD @ 6755', tubing landed @ 6648' (14' KB), and Bottom Perf. @ 6738'.
5. TOOH with Tubing (detail below).  
(209 jts) 2-3/8" 4.7# J-55 Tubing  
(1) 2-3/8" Seat Nipple set @ 6368'  
(1 jt) 2-3/8" 4.7# J-55 tubing (31')  
(1) Baker Lockset Production Packer @ 6400'  
(8 jts) 2-3/8" 4.7# J-55 Tubing
6. Visually inspect tubing and record findings in Wellview. Make note of corrosion or scale. Please notify engineer of any unusual findings. Remove obstructions, replace tubing as needed.
7. Pick up RBP on 2-3/8" tubing and RIH. <sup>500</sup>Set RBP at 4380'. POOH ~1 jt. Roll hole with 2% KCL, open BH valve and psi test to <sup>200</sup>200 psi. Record any bleed off and/or any psi on BH. Notify BAE engineer if there is any indication of leak and prepare to squeeze hole. Note: Prior casing failure (1982) was at ~ 3774'.
8. If casing held, close BH and TIH latching onto RBP. TOOH laying down RBP.
9. TIH with tubing and tag for fill. Record depth in WV. Clean out to PBTD @ 6755'. POOH and land tubing. Recommended landing depth is @ 6618' +/- 10' (14' KB). TIH with tubing using Tubing Drift Check Procedure (tubing drift = 1.901" ID).  
  
(1) 2 3/8" Muleshoe with Expendable Check  
(1) 2 3/8" x 1.78" Locking Collar  
(1 jt) 2-3/8" 4.7# J-55 EUE Tubing  
(1 jt) 2-3/8" x 2' 4.70# J-55 Pup Joint  
2 3/8" 4.7# J-55 8rd EUE Tubing to surface
10. ND BOP. NU wellhead. Set standing valve, test tubing to **1000** psi, pull standing valve, pump off expendable check. Make swab run if necessary to kick off well. Notify lease operator that well is ready to be returned to production. RDMO.

Recommended Krista McWilliams  
BAE Engineer Krista McWilliams  
Home (505) 334-3096  
Cell (505) 419-1627

Approved \_\_\_\_\_  
Expense Supervisor / Kelly Kolb  
Office (505) 326-9582  
Cell (505) 320-4785

## **TUBING DRIFT CHECK**

### **Procedure**

1. Set flow control in tubing. With air, on location, use expendable check. With no air on location, use wireline plug.
2. RU drift tool to a minimum 70' line. Drift tool will have an OD of at least the API drift specification of the tubing. (i.e. – 2-3/8", EUE, 4.7# tbg drift = 1.901"), and will be at least 15" long. The tool will not weigh more than 10# and will have an ID bore the length of the tool, so fluids may be pumped through the tool if it becomes stuck.
3. Drop the tool into the tubing string and retrieve it after every 2 joints of tubing ran in hole. If any resistance to the tool movement is noticed, going in or out, that joint will be replaced.
4. In order to simulate the plunger lift operation, all equipment must be kept clean and free of debris.

The drift tool should be measured with calipers before each job, to ensure the OD is the correct size for the tubing being checked. The maximum allowable wear of the tool is .003".

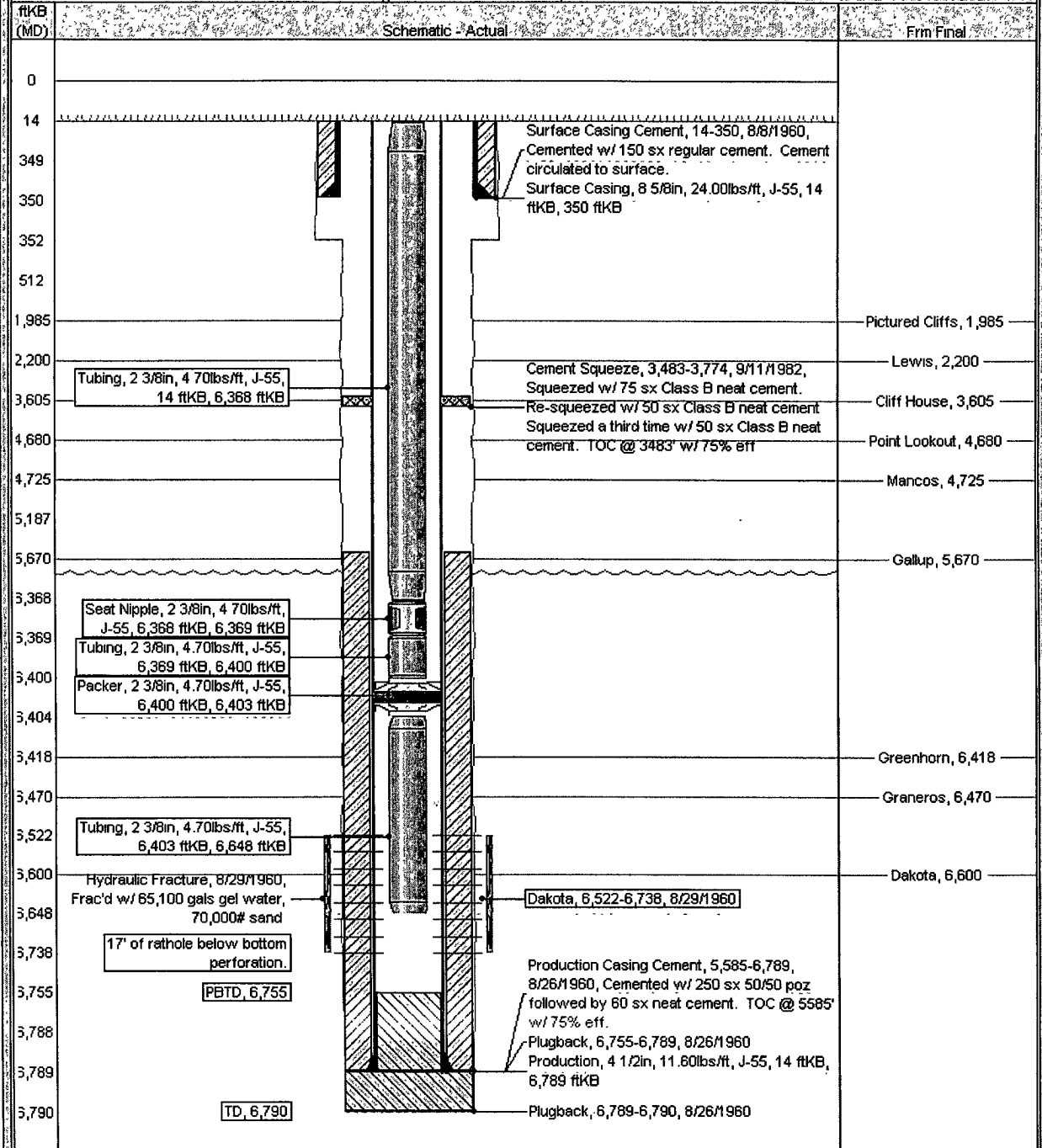
# Current Schematic

ConocoPhillips

Well Name: MADDOX WN FEDERAL 1

API / UWI 300450952900	Surface Legal Location NMPM-30N-13W-13-H	Field Name DK	License No.	State/Province NEW MEXICO	Well Configuration Type Vertical	Edit
Ground Elevation (ft) 5,918.00	Original KB Elevation (ft) 5,932.00	KB-Gravel Distance (ft) 14.00	KB-Casing Flange Distance (ft) 14.00	KB-Tubing Hanger Distance (ft) 14.00		

Well Config: Vertical - Main Hole, 2/22/2008 7:26:05 AM



## **BLM CONDITIONS OF APPROVAL**

### ***WORKOVER AND RECOMPLETION OPERATIONS:***

- 1. A properly functioning BOP and related equipment must be installed prior to commencing workover and/or recompletion operations.**
- 2. If this well is in a Seasonal Closure Area, adhere to the closure requirements and timeframes.**
- 3. If casing repair operations are needed, obtain prior approval from this office before commencing repairs**

### ***SURFACE USE OPERATIONS:***

The following Stipulations will apply to this well unless a particular Surface Managing Agency or private surface owner has supplied to BLM and operator a contradictory environmental stipulation. The failure of operator to comply with these requirements may result in assessments or penalties pursuant to 43 CFR 3163.1 or 3163.2. A copy of these conditions of approval shall be present on location during construction, drilling and reclamation activity.

An agreement between operator and fee landowner will take precedence over BLM surface stipulations unless (in reference to 43 CFR Part 3160) 1) BLM determines that operator's actions will affect adjacent Federal or Indian surface, or 2) operator does not maintain well area and lease premises in a workmanlike manner with due regard for safety, conservation and appearance, or 3) no such agreement exists, or 4) in the event of well abandonment, minimal Federal restoration requirements will be required.

***STANDARD STIPULATIONS:*** All surface areas disturbed during work-over activities and not in use for production activities will be reseeded. This should occur in the first 90 days after completion of workover activities.

### ***SPECIAL STIPULATIONS:***

- 1. Pits will be fenced during workover operation.**
- 2. All disturbance will be kept on existing pad.**
- 3. All pits will be pulled and closed immediately upon completion of the workover activities.**
- 4. Pits will be lined with an impervious material at least 12 mils thick.**