submitted in lieu of Form 3160-5

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED
OCT 15 2008
Bureau of Land Management
Farmington Field Office

Sundry Notices and Reports on Wells

1. **Type of Well**
GAS

5. **Lease Number**
NMSF-020505

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

7. **Unit Agreement Name**

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

8. **Well Name & Number**
Mexico Federal N 1

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

9. **API Well No.**
30-045-08332

4. **Location of Well, Footage, Sec., T, R, M**
Unit F (SENW), 1850' FNL & 1650' FWL, Section 15, T29N, R11W, NMPM

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			
X Notice of Intent	Abandonment	Change of Plans	X Other – MIT & possible squeeze
Subsequent Report	Plugging	Non-Routine Fracturing	
	Casing Repair	Water Shut off	
Final Abandonment	Altering Casing	Conversion to Injection	

13. Describe Proposed or Completed Operations

Burlington Resources wishes to perform a MIT on the 4 ½" casing & squeeze any casing failures. The C-144 has been filed.

Attached are the procedures.

SEE ATTACHED FOR CONDITIONS OF APPROVAL

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

Signed Rhonda Rogers Title Regulatory Technician Date 10/14/08.

(This space for Federal or State Office use)
APPROVED BY Wayne Townsend Title Pet. Eng. Date 10-16-08
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

RCVD OCT 22 '08
OIL CONS. DIV.
DIST. 3

NMOCD

ConocoPhillips
Mexico Federal N #1(DK)
MIT and Tubing Repair

Lat 36° 43' 40" N **Long** 107° 58' 54" W

Prepared By: Chris Marley Date: 09/08/2008
PE Peer review/approved By: Karen Work Date: 09/20/2008

Scope of work: This is an expense project to perform a mechanical integrity test (MIT) on the 4 1/2" production casing, pull the packer & tubing and replace any bad tubing joints and raise the tubing to improve gas production. The wellbore will then be cleaned out and returned to production. **Note: Possible combination tubing stop and spring set @ 6525'**

Est. Rig Days: 5

WELL DATA:

API: 3004508332
Location: 1850' FNL & 1650' FWL, T29N R11W Section 15 Unit F
PBTD: 6543' TD: 6547'
Perforations: 6,320'-6,520' (DK)

	OD	Wt., Grade	Connection	ID/Drift (in)	Depth
Casing:	8-5/8"	24.0#, J-55	-	8.097/7.972	306'
	4 1/2"	10.5#, J-55	-	4.052/3.927	6544'
Tubing:	2-3/8"	4.7#, J-55		1.995/1.901	6525'
		Tubing tally unknown!			
Seat Nipple:	2 3/8"				6524'

Well History: The Mexico Federal N #1 is a stand-alone Dakota well spud in October of 1961. This well has not produced since January of 2008. There was one workover to date in which there was a squeeze job done in 1986 and there is a possible combination tubing stop and spring at 6525' set in 1995. A wireline was performed on 06/25/08 which showed a possible tight spot in the tubing. The well is capable of producing a minimum 60 Mcfd.

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

Artificial lift on well (type): Plunger Lift (not currently running)

Est. Reservoir Pressure (psig): 1200 (DK)

Well Failure Date: January 2008

Current Rate (mcfd): 0 **Est. Rate Post Remedial (mcfd):** 60

Earthen Pit Required: No

Special Requirements: 2 hour chart for MIT. RBP for 4-1/2" casing and packer

BAE Production Engineer: Karen Mead, Office: (505)324-5158, Cell: (505)320-3753

BAE Backup: Douglas Montoya, Office: (505)599-3425, Cell: (505)320-8523

MSO: John Russell (Buster) Cell: (505)330-0729

Specialist: Donnie Thompson Cell: (505)320-2639

Lead: Duane Bixler Cell: (505)320-1107

ConocoPhillips
Mexico Federal N #1(DK)
MIT and Tubing Repair

Lat 36° 43' 40" N **Long** 107° 58' 54" W

PROCEDURE:

Note: possible combination tubing stop and spring in tubing. Obstruction @ 6525' (0' kb).

1. Hold pre-job safety meeting. Comply with all NMOCD, BLM, and COP safety and environmental regulations. Test rig anchors prior to moving in rig.

2. MIRU workover rig. Check casing, tubing, and bradenhead pressures and record them in Wellview.

3. RU blow lines from casing valves and begin blowing down casing pressure. Avoid putting water on the well if possible, however kill well with 2% KCl or produced water if necessary. ND wellhead and NU BOPE.

4. Unseat donut, remove hanger, and pull 2-3/8" tubing and Model R-3 packer @ 4357'. **(DO NOT RE- INSTALL PACKER)** Tally out of hole with tubing (detail below). Tubing is currently landed @ **Unknown depth – No tally or record of set depth**

   (207 jts) 2-3/8" 4.7# J-55 tubing
   (1) 2-3/8" Seat Nipple set @ 6624'
   (1 jt) 2-3/8" 4.7# J-55 tubing

5. Make note of corrosion or scale. Replace tubing as needed. Please notify engineer of any unusual findings. If scale on tubing then spot acid. Contact rig superintendent or PE engineer for acid volume, concentration and displacement volume.

6. PU and TIH with a RBP and Packer for a 4-1/2" 10.50# casing on the 2-3/8" tubing. Set RBP within 50' of the DK top perfs @ ~6270' (top perf @ 6320') and set a packer to test RBP to 500psi for 10 min.

7. Unset packer and test casing to 500psi for 30 min on a 2 hour chart with 1000# spring. If test passes, go to next step. If test fails, contact Rig Superintendent and PE Production Engineer (be prepared to squeezing the hole(s)).

8. Retrieve RBP set @ ~6270', TOOH with RBP.

9. TIH with tubing (detail below). TIH with tubing using Tubing Drift Check Procedure on the next page (tubing drift = 1.901" ID). Recommended landing depth is @ +/-6453'.

   (1) 2-3/8" Muleshoe with Expendable Check
   (1) 2-3/8" "F" Nipple
   (1 jt) 2-3/8" 4.7# J-55 Tubing
   (1) 2-3/8" x 2' 4.7# J-55 Pup Joint
   (~204 jts) – 2-3/8" 4.7# J-55 Tubing to Surface

10. Tag for fill, PU additional joints as needed. Record the fill depth in Wellview. If fill is encountered, TIH and clean out to PBTD @ 6543'. After fill is cleaned out. Pick up and land tubing at recommended landing depth +/-6453'.

11. Run standing valve on shear tool, load tubing and pressure test tubing to 1000 psig. Pull standing valve.

12. ND BOP. NU wellhead. 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.

DRIFT TEST PROCEDURE

SAFETY NOTE: To conform to COP well control manual, Sec 6.1, a barrier is required prior to performing below procedure. Where air units are being used, an expendable check is recommended; otherwise, a wireline set plug in profile nipple is recommended.

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. (2-3/8" OD 4.70# Tubing Drift ID = 1.901"), and will be at least 15" long. The tool will not weigh more than 10 lbs. 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

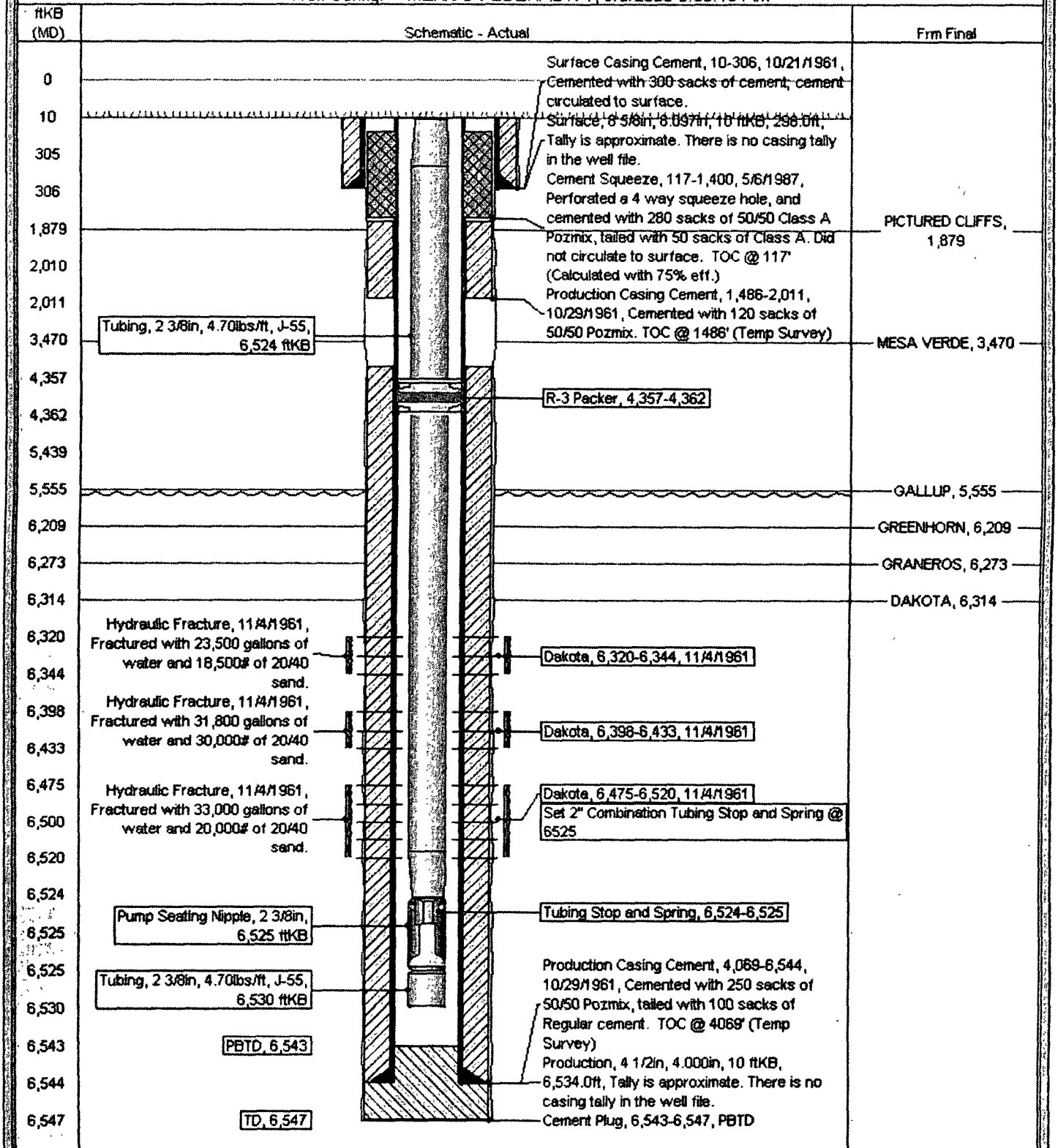
ConocoPhillips

Well Name: MEXICO FEDERAL N #1

API / UWI	Surface Legal Location	Field Name	License No.	State/Province	Well Configuration Type	Edit
3004508332	NMPM,015-029N-011W	BASIN DAKOTA (PRORATED GAS)		NEW MEXICO		

Ground Elevation (ft)	Original KB/RT Elevation (ft)	KB-Ground Distance (ft)	KB-Casing Flange Distance (ft)	KB-Tubing Hanger Distance (ft)
5,641.00	5,651.00	10.00		

Well Config: - MEXICO FEDERAL N 1, 9/8/2008 8:06:18 AM



Report Printed: 9/8/2008

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.**