submitted in lieu of Form 3160-5

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## UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

AUG 0 5 2009

Bureau of Land Management

|   |  |  | nalunima <sup>†</sup>                 | Field Office   |
|---|--|--|---------------------------------------|--|
| Sundry Notices and Rep  | orts on Wells                                    |  | and the second                        | Consultation of the Consul |
| 1. Type of Well   |  |  | 5.<br>6.                              | Lease Number<br>NMNM -020505<br>If Indian, All. or   |
| GAS   |  |  |                                       | Tribe Name   |
| 2. Name of Operator   |  |  | 7.                                    | Unit Agreement Name  |
| BURLINGTON  |  |  |                                       |  |
| RESOURCES OIL   | & GAS COMPANY LP                                 |  |                                       |  |
| 3. Address & Phone No. of Ope   | <del></del> 8.                                   | Well Name & Number<br>Mexico Federal N 1 |                                       |  |
| PO Box 4289, Farmington, NA   | M 87499 (505) 326-9700                           |  | 9.                                    | API Well No.   |
| 4. Location of Well, Footage, Se  | ec T. R. M                                       |  |                                       | 30-045-08332   |
|   | , , ,  |  | 10.                                   | Field and Pool   |
| Surf: Unit F (SENW), 1850' FNL  | & 1650' FWL, Section 15, 1                       | 29N, RIIW, NMPM                          | 11.                                   | Basin Dakota<br>County and State<br>San Juan Co., NM   |
| 12. CHECK APPROPRIATE BO  | X TO INDICATE NATURE                             | OF NOTICE, REPORT,                       | OTHER I                               | DATA   |
| Type of Submission Type Notice of Intent  | pe of Action Abandonment                         | Change of Plans                          |                                       | Other – Ran MIT, C/O & return to production  |
| X Subsequent Report   | Recompletion Plugging                            | New Construction  Non-Routine Fracturing | ٠                                     | RCVD AUG 12 '09  |
|   | Casing Repair                                    | Water Shut off                           |                                       |  |
| Final Abandonment   | Altering Casing                                  | Conversion to Injection                  |                                       | Francisco  |
| 13. Describe Proposed or Comple   | eted Operations                                  |  | · · · · · · · · · · · · · · · · · · · |  |
| 07/27/2009 MIRU DWS 27. ND W 07/28/2009 RIH w/RBP & set @ 6 07/29/2009 – 07/30/2009 C/O fill to 17:00 hrs on 07/30/2009. Attached is Chart. | 279'. PT csg to 500#/30 minut                    | es - Good Test. Release & l              | and RBP.<br>@ 6464'. N                | ID BOP NU WH RD RR @   |
| 14. I hereby certify that the foreg   | 10   | e Goodwin_TitleRegulat                   | ory Techni                            | ician Date 8   5   6   |
| (This space for Federal or State Off  |  |  |                                       |  |
| APPROVED BY<br>CONDITION OF APPROVAL, if a  | Title  |  |                                       | Date   |
| Fitle 18 U S C Section 1001, makes it a crime for any person the United States any false, fictitious or fraudulent statement                | on knowingly and willfully to make any departmen |  |                                       |  |
|   |  |  |                                       |  |

AUG 1 0 2009



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

Lat 36° 43′ 40" N Long 107° 58′ 54" W

Prepared By: Chris Marley

PE Peer review/approved By: Karen Work

Date: 09/08/2008

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. Cost:** \$50.6K **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) Casing: Depth 8-5/8" 24.0#, J-55 306' 8.097/7.972 4 1/2" 10.5#, J-55 6544' 4.052/3.927 2-3/8" 4.7#, J-55 1.995/1.901 6525' Tubing: 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.

<u>Artificial lift on well (type):</u> 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

Area Foreman:

Terry Nelson

Cell: (505)320-2503

## Current Schematic

| ับฟิเ<br>145083: |   | NMPM,015-029N-011W                                | Field Name<br>Basincak | ra įpedrate                           | 10 (5X3)       | esse No.                              | State / Proutice<br>NEVV MEXICO  |                     | infgiration Type           |
|------------------|---|---|------------------------|---------------------------------------|----------------|---------------------------------------|--|---------------------|----------------------------|
| id Elevat<br>5,6 | 0a (15)<br>41.00                        | Original KB/RT Elecation (1)<br>5,651.00          |                        |                                       | 0k taloe (10:0 | )                                     | Ma-Casing Flange Distance (1)  | KB-1                | iblig Haiger Distaice (1). |
|                  |   | Well-C  | onfig:                 | - MEXI                                | CO:FEL         | ERAL N                                | 1, 9/8/2008 8:06:18 A  | <b>V</b>            |                            |
| HKB<br>MD)       | 7.170 mm                                |   |                        | Schem                                 | atic - Act     | ual"                                  |  |                     | Frm Final                  |
|                  |   |   |                        |                                       |                |                                       | ce Casing Cement, 10-306   |                     |                            |
| 0                | *************************************** |   |                        | · · · · · · · · · · · · · · · · · · · |                |                                       | nted with 300 sacks of cel<br>ated to surface.                               | nent; cement        |                            |
| 10               |   |   | No.                    |                                       | <b>XXX</b>     |                                       | <del>ሪቂ / 8 5/8/ነት, '8.097ዘ /, '16' ሲΚ</del> !<br>s approximate. There is no |                     |                            |
| 805              |   |   |                        |                                       |                | ∦ in the                              | well file.   |                     |                            |
| 306              |   |   |                        |                                       |                |                                       | nt Squeeze, 117-1,400, 5/6<br>ated a 4 way squeeze ho                        | -                   |                            |
| 879              |   |   |                        |                                       |                |                                       | nted with 280 sacks of 50/<br>x, tailed with 50 sacks of 6                   |                     | PICTURED CLIFFS,<br>1,879  |
| 010              |   |   |                        |                                       |                | not cii                               | culate to surface. TOC @   |                     | 1,010                      |
| .011             |   |   |                        |                                       |                | Produ                                 | lated with 75% eff )<br>ction Casing Cement, 1,480                           |                     |                            |
| ·                | Tubing, 2                               | 2 3/8in, 4.70lbs/ft, J-55,                        |                        |                                       |                |                                       | /1961, Cemented with 120<br>Pozmix, TOC @ 1486' (Tel                         |                     |                            |
| 470              |   | 6,524 ftKB  |                        |                                       |                |                                       |  | .4                  | MESA VERDE, 3,470          |
| 357              |   |   |                        | J. 00                                 | = 4            |                                       | acker, 4,357-4,362   |                     |                            |
| 362              |   |   |                        |                                       |                | <u></u>                               |  |                     |                            |
| 439              |   |   |                        |                                       |                |                                       |  | Ī                   |                            |
| 555              |   |   | ~//                    |                                       |                |                                       |  |                     | GALLUP, 5,555              |
| 209              |   |   | _//                    |                                       |                | · · · · · · · · · · · · · · · · · · · |  |                     | GREENHORN, 6,209           |
| 273              |   |   | _//                    |                                       |                |                                       |  |                     | GRANEROS, 6,273 -          |
| - 1              |   |   |                        |                                       |                |                                       |  |                     | •                          |
| 314              | Hydraul                                 | ic Fracture, 11/4/1961,                           |                        |                                       |                |                                       |  |                     | DAKOTA, 6,314              |
| 320              | Fractured                               | with 23,500 gallons of<br>r and 18,500# of 20/40  |                        |                                       | 12.            | Dakota                                | a, 6,320-6,344, 11/4/1961  |                     | •                          |
| 344              |   | sand.   |                        |                                       |                |                                       |  |                     |                            |
| ,398             |   | ic Fracture, 11/4/1961,<br>with 31,800 gallons of |                        | rlia                                  |                | lb-li-4                               | - 0 200 0 422 44 44 004  |                     |                            |
| 433              | wate                                    | r and 30,000# of 20/40<br>sand                    |                        |                                       |                | [Dakota                               | a, 6,398-6,433, 11 <i>/4/</i> 1961]  |                     |                            |
| 475              | Hvdraul                                 | ić Fracture, 11/4/1961,                           |                        |                                       | A.             | Dekot                                 | a, 6,475-6,520, 11/4/1961)   |                     |                            |
| 500              | Fractured                               | with 33,000 gallons of                            |                        |                                       | 1/4.           | _/ Set 2"                             | Combination Tubing Stop a  | and Spring @        |                            |
| 520              | wate                                    | sand 20,000# 01 20/40<br>sand.                    |                        |                                       |                | 6525                                  |  |                     |                            |
| - 1              |   |   |                        |                                       |                |                                       |  | . }                 |                            |
| 524              | Pump                                    | Seating Nipple, 2 3/8in,                          |                        | 11                                    |                | Tubing                                | Stop and Spring, 6,524-6   | 525                 |                            |
| 525              | <u></u>                                 | 6,525 ftKB  |                        |                                       |                | _                                     |  |                     |                            |
| 525              | Tubing, 2                               | . 3/8in, 4.70lbs/ft, J-55,                        |                        |                                       |                |                                       | ction Casing Cement, 4,069<br>1961, Cemented with 250                        |                     |                            |
| 530              | L                                       | 6,530 ftKB  |                        |                                       |                | <sub>/</sub> 50/50                    | Pozmix, tailed with 100 sa<br>ar cement. TOC @ 4069' (                       | cks of              |                            |
| 543              |   | PBTD, 6,543                                       |                        | ्र स्टाम्स                            |                | Surve                                 | y) .   | ,                   |                            |
| 544              |   |   |                        |                                       |                |                                       | ction, 4 1/2in, 4.000in, 10 fl<br>0ft, Tally is approximate. T               |                     |                            |
| .                |   | TD, 6,547   |                        |                                       |                | casing                                | tally in the well file.<br>It Plug, 6,543-6,547, PBTD                        | ·= ··· <del>-</del> |                            |

