

Submit 3 Copies To Appropriate District Office

District I

1625 N. French Dr., Hobbs, NM 88240

District II

1301 W. Grand Ave., Artesia, NM 88210

District III

1000 Rio Brazos Rd., Aztec, NM 87410

District IV

1220 S. St. Francis Dr., Santa Fe, NM 87505

# State of New Mexico

Energy, Minerals and Natural Resources

Form C-103

June 19, 2008

## OIL CONSERVATION DIVISION

1220 South St. Francis Dr.

Santa Fe, NM 87505

WELL API NO.

30-045-10103

5. Indicate Type of Lease

STATE ☒

FEE ☐

6. State Oil & Gas Lease No.

E-29302

7. Lease Name or Unit Agreement Name

Farmington Com

8. Well Number

1

9. OGRID Number

10. Pool name or Wildcat

Basin Dakota

SUNDRY NOTICES AND REPORTS ON WELLS  
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well:

Oil Well ☐

Gas Well ☒

Other

2. Name of Operator

BURLINGTON RESOURCES OIL & GAS COMPANY LP

3. Address of Operator

PO Box 4298, Farmington, NM 87499

4. Well Location

Unit Letter L : 1695 feet from the South line and 895 feet from the West line

Section 36 Township 31N Range 13W NMPM County San Juan

11. Elevation (Show whether DR, RKB, RT, GR, etc.)

6091' GL

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

### NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐

TEMPORARILY ABANDON ☐

PULL OR ALTER CASING ☐

DOWNHOLE COMMINGLE ☐

PLUG AND ABANDON ☒

CHANGE PLANS ☐

MULTIPLE COMPL ☐

OTHER: ☐

### SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐

COMMENCE DRILLING OPNS. ☐

CASING/CEMENT JOB ☐

OTHER: ☐

ALTERING CASING ☐

P AND A ☐

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

RCVD DEC 2 '08

OIL CONS. DIV.

Burlington Resources wishes to P&A this well per the attached procedures and well bore schematic.

DIST. 3

A COMPLETE C-144 MUST BE SUBMITTED TO AND APPROVED BY THE NMOCD FOR: A PIT, CLOSED LOOP SYSTEM, BELOW GRADE TANK, OR PROPOSED ALTERNATIVE METHOD, PURSUANT TO NMOCD PART 19.15.17, PRIOR TO THE USE OR CONSTRUCTION OF THE ABOVE APPLICATIONS

SPUD DATE:

11/28/1960

RIG RELEASE DATE:

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE

Tamra Sessions

TITLE

Staff Regulatory Technician

DATE

12/1/2008

Type or print name

Tamra Sessions

E-mail address:

sessitd@conocophillips.com

PHONE:

505-326-9834

For State Use Only

APPROVED BY

Fab G. Padilla

TITLE

Deputy Oil & Gas Inspector,  
District #3

DATE

DEC 03 2008

Conditions of Approval (if any):

NOTIFY NMOCD AZTEC 24 HOURS PRIOR TO START OF WORK.

12/2

**ConocoPhillips  
Farmington Com #1 (DK)  
Plug and Abandon**

**Lat** 36° 51' 13" N **Long** 108° 9' 40" W

Prepared By: Karen Work  
PE Peer review/approved By:

Date: 12/01/2008  
Date:

**Scope of work:** The intent of this procedure is to Plug and Abandon the wellbore.

**Est. Cost:**

**Est. Rig Days:** 5

**WELL DATA:**

**API:** 3004510103

**Location:** 1695' FSL & 895' FWL, T31N R13W Section 36 Unit J

**PBTD:** 7041' **TD:** 7077'

**Perforations:** 6856'-6930' (DK)

<b><u>Casing:</u></b>	<b><u>OD</u></b>	<b><u>Wt., Grade</u></b>	<b><u>Connection</u></b>	<b><u>ID/Drift (in)</u></b>	<b><u>Depth</u></b>
	8-5/8"	24.0#, K-55	-	8.097/7.972	231'
	5 1/2"	14.0#, J-55	-	5.012/4.887	7076'
<b><u>Tubing:</u></b>	2-3/8"	4.7#, J-55		1.995/1.901	6741'
<b><u>Seat Nipple:</u></b>	2-3/8"	4.7#, J-55			6709'

**Well History:** The Farmington Com #1 is a stand-alone Dakota well spud in September of 1960. This well has had one workover to date in 1979 where a packer was set and a new tubing string was installed. This well has produced minimally since January of 2008. A wireline was performed on 07/18/08 which showed a possible hole in the tubing as well as possible scale. A workover was performed November 8, 2008 which found a scaled in packer and sand returns with water production @ 2160' of about 19 bbls/hr. The tubing was chemically cut above the packer and found to have corroded thread ends as well as heavy scaling. The tubing was laid down and fishing attempted. During fishing, a piece of casing was found (2.2' by 2-1/4" wide paper thin sliver). A casing inspection log was run which found holes and crimped collars from 2125'-3972' as well as a considerable amount of casing wall thickness loss. It was decided that the workover was not economic to repair after analyzing the costs required to fix the well as compared to the remaining reserves. Production Engineering recommends to P&A the wellbore due to the poor integrity of the 5-1/2" casing and the scaled in packer that is not economic to repair.

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

**Artificial lift on well (type):** N/A

**Est. Reservoir Pressure (psig):** 2200 (DK)

**Well Failure Date:** January 2008

**Current Rate (mcfd):** 0 **Est. Rate Post Remedial (mcfd):** N/A

**Earthen Pit Required:** Steel Pit

**Special Requirements:** P&A marker, 406 sxs Class G cement

**Production Engineer:** Karen Work, Office: (505)324-5158, Cell: (505)320-3753

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

**MSO:**

Buddy Martinez

Cell: (505)320-2531

**Specialist:**

Donnie Thompson

Cell: (505)320-2639

**Lead:**

Duane Bixler

Cell: (505)320-1107

**Area Foreman:**

Terry Nelson

Cell: (505)320-2503

**ConocoPhillips**  
**Farmington Com #1 (DK)**  
**Plug and Abandon**

**Lat 36° 51' 13" N Long 108° 9' 40" W**

**PROCEDURE:**

Note: All cement volumes use 100% excess outside pipe and 50' excess inside. The stabilizing wellbore fluid will be 8.3 ppg, sufficient to balance all exposed formation pressures. All cement will be Class B, mixed at 14.8 ppg with a 1.18 cf/sx yield.

1. This project requires a NMOCD C-144 CLEZ Closed-Loop System Permit for the use of an A-Plus steel tank to handle waste fluids circulated from the well and cement wash up.
2. Install and test location rig anchors. Comply with all NMOCD, BLM, and Operator safety regulations. MOL and RU daylight pulling unit. Conduct safety meeting for all personnel on location. Record casing, tubing and bradenhead pressures. NU relief line and blow down well. Kill well with water as necessary and at least pump tubing capacity of water down the tubing. ND wellhead and NU BOP. Function test BOP.
3. Rods: Yes\_\_\_\_, No X, Unknown\_\_\_\_.  
Tubing: Yes X, No\_\_\_\_, Unknown\_\_\_\_, Size 2.375", Length 6742'.  
Packer: Yes\_\_\_\_, No X, Unknown\_\_\_\_, Type\_\_\_\_.  
If this well has rods or a packer, then modify the work sequence in step #2 as appropriate.

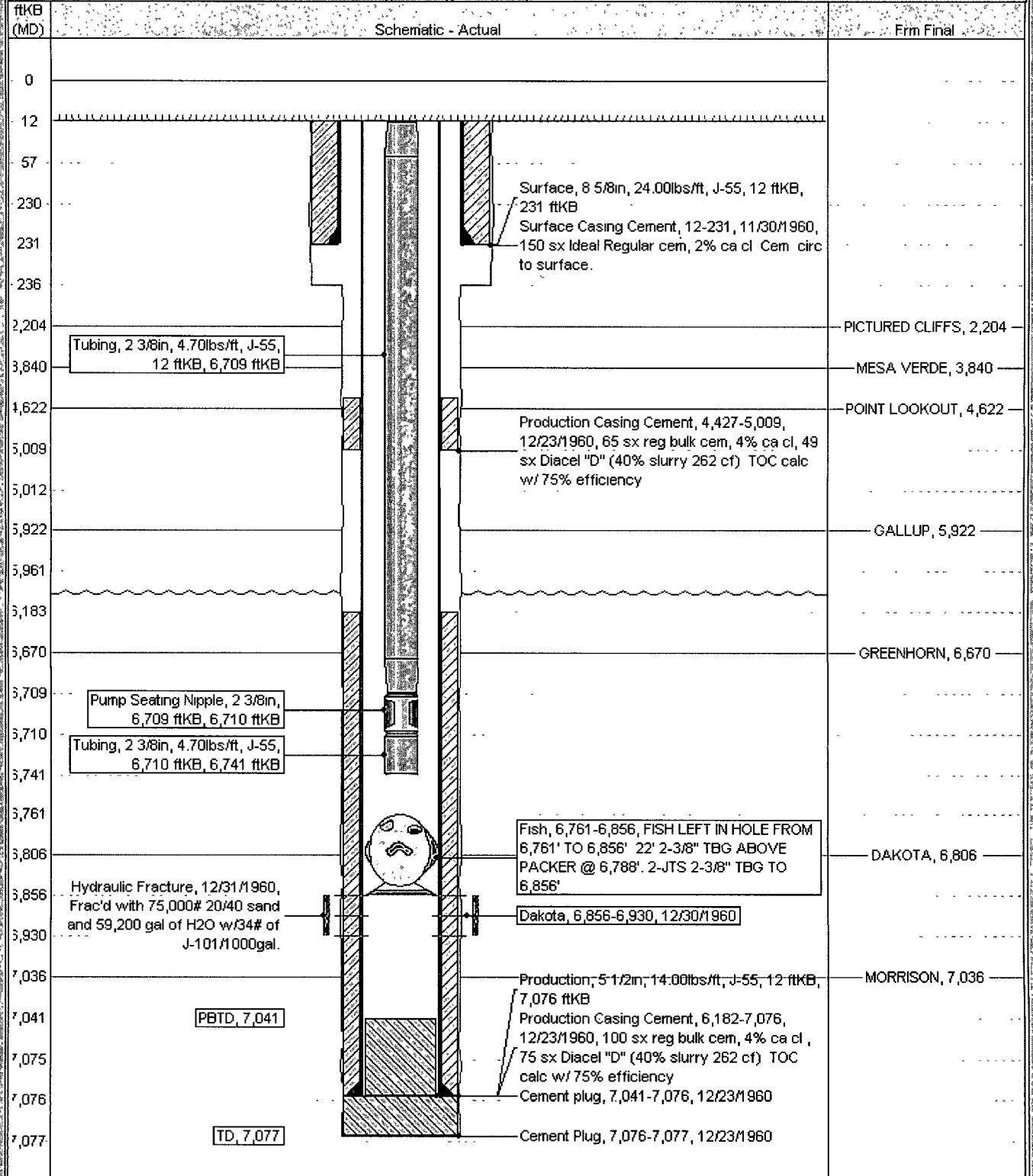
**Note:** Casing has holes at 2125' with pinched collar, 2177', 3902', 3968', 3970' and 3972'. Round trip 5.5" gauge ring prior to setting 5.5" CR.

4. **Plug #1 (Dakota interval and fish, 6761' - 6661')**: RIH with open ended tubing workstring. Mix and pump 17 sxs Class B cement and spot a plug to isolate the Dakota interval and cover the fish. PUH.
5. **Plug #2 (Gallup top, 5972' – 5872')**: Mix 17 sxs Class B cement and spot a balanced plug inside casing to cover the Gallup top. PUH.
6. **Plug #3 (Mesaverde top, 3890' – 3790')**: Mix 17 sxs Class B cement and spot a balanced plug inside casing to cover the Mesaverde top. TOH with tubing.
7. **Plug #4 (Pictured Cliffs top, 2254' – 2154')**: Perforate 3 squeeze holes at 2254'. Set 5.5" cement retainer at 2204'. Circulate well clean. *Pressure test casing to 800 PSI, if casing does not test then spot or tag subsequent plugs as appropriate.* Mix and pump 57 sxs Class B cement (excess due to casing leaks), squeeze 37 sxs below the cement retainer and leave 20 sxs inside casing. TOH with tubing.
8. **Plug #5 (Fruitland top, 1814' – 1714')**: Perforate 3 squeeze holes at 1814'. Set 5.5" cement retainer at 1764'. Circulate well clean. Mix and pump 47 sxs Class B cement, squeeze 30 sxs below the cement retainer and leave 17 sxs inside casing. TOH with tubing.

9. **Plug #6 (Kirtland and Ojo Alamo tops, 784' – 454'):** Perforate 3 squeeze holes at 784'. Set 5.5" cement retainer at 734'. Circulate well clean. Mix and pump 141 sxs Class B cement, squeeze 97 sxs below the cement retainer and leave 44 sxs inside casing. TOH and LD tubing.
10. **Plug #7 (8.625" casing shoe, 281' – 0'):** Perforate 3 squeeze holes at 281'. Establish circulation out bradenhead with water and circulate the BH annulus clean. Mix approximately 90 sxs cement and pump down the 5.5" casing to circulate good cement out bradenhead. Shut in well and WOC.
11. ND BOP and cut off wellhead below surface casing flange. Install P&A marker with cement to comply with regulations. RD, MOL and cut off anchors. Restore location per BLM stipulations.

District NORTH	Field Name BASIN DAKOTA (PRORATED GAS)	API / UWI 3004510103	County SAN JUAN	State/Province NEW MEXICO	Edit
Original Spud Date 11/28/1960	Surface Legal Location NMPM.036-031N-013W		E/W Dist (ft)	E/W Ref	N/S Dist (ft) N/S Ref

Well Config - Original Hole, 11/21/2008 10:29:56 AM



# Farmington Com #1

## Current

Basin Dakota

1695' FSL, 895' FHL, Section 36, T-31-N, R-13-W,

San Juan County, NM / API#30-045-10103

Lat N. 36°51'13.032" / Long W. 108°54'40.788"

Today's Date: 11/24/03

Spud: 11/23/00

Completed: 12/20/00

Elevation: 6078 @  
6082' KB

Alamo @ 504' (eq.)

Kirland @ 734' (eq.)

Fulland @ 1764' (eq.)

Pictured Cliffs @ 2204'

Alamo @ 3340'

Gallup @ 5922'

Dakota @ 6805'

12.25" hole

7.875" hole

8.625" 24#, J-55 Casing set @ 231'  
Cement with 150cys (Circulated to Surface)

2.375" tubing @ 6742'  
(4.7#, J-55, SN @ 6710').

TOC @ 3364' (calc, 75%)

Note: MBO Tool Isolated holes  
in casing @ 2129' with  
collar, 2177', 3902', 3968',  
3970' and 3972'.

DV Tool @ 5005'  
Cyl with 114cys (350 Q)

TOC @ 5604' (calc, 75%)

Fish tail in hole from 6761' to  
6856'. 22' 2.375" tubing  
about packer at 6788' w/2  
Lg. to 6856'. (2003)

Dakota Penetrations:  
6856' - 6800'

5.5", 14#, J-55 Casing set @ 7078'  
Cement with 175cys (335 Q).

TD 7077'  
PBTD 6761'

# Farmington Com #1

## Proposed P&A

Basin Dakota

1695' F&L, 895' F&L, Section 36, T-31-N, R-13-W,

San Juan County, NM / API#30-045-10103

Lat N. 36°51'13.032" / Long W. 108°9'40.788"

Today's Date: 11/24/08

Spud: 11/28/60

Completed: 12/20/60

Elevation: 6078 @  
6088' KB

