

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

RECEIVED

FORM APPROVED  
OMB No. 1004-0137  
Expires: July 31, 2010

FEB 08 2013

**SUNDRY NOTICES AND REPORTS ON WELLS**  
**Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.**

Farmington Field Office  
Bureau of Land Management

5. Lease Serial No. **SF-078502-A**

6. If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE - Other instructions on page 2.

7. If Unit of CA/Agreement, Name and/or No.

1. Type of Well  
 Oil Well     Gas Well     Other

8. Well Name and No. **Lively 8**

2. Name of Operator **Burlington Resources Oil & Gas Company LP**

9. API Well No. **30-045-21109**

3a. Address **PO Box 4289, Farmington, NM 87499**

3b. Phone No. (include area code) **(505) 326-9700**

10. Field and Pool or Exploratory Area **Basin DK / Blanco MV**

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
**Surface Unit N (SESW), 1180' FSL & 1450' FWL, Sec. 12, T29N, R8W**

11. Country or Parish, State **San Juan, New Mexico**

12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input checked="" type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

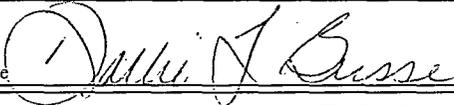
13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 must be filed once Testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.)

**Burlington Resources requests permission to P&A the subject well per the attached procedure, current and proposed wellbore schematics.**

# Extend plug #3 down to 5785'

RCVD FEB 15 '13  
OIL CONS. DIV.  
DIST. 3

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed)  
**Dollie L. Busse** Title **Staff Regulatory Technician**

Signature  Date **2/7/13**

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by **Original Signed: Stephen Mason** Title \_\_\_\_\_ Date **FEB 13 2013**

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon. Office \_\_\_\_\_

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

# ConocoPhillips

## LIVELY 8

### Expense - P&A

Lat 36° 44' 8.592" N

Long 107° 37' 51.852" W

#### PROCEDURE

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.

1. Hold pre-job safety meeting. Comply with all NMOCD, BLM, and COPC safety and environmental regulations. Test rig anchors prior to moving in rig.
2. MIRU work over rig. Check casing, tubing, and bradenhead pressures and record them in Wellview.
3. When an existing primary valve (i.e. casing valve) is to be used, the existing piping should be removed and replaced with the appropriate piping for the intended operation.
4. RU blow lines from casing valves and begin blowing down casing pressure. Kill well with water, as necessary, and at least pump tubing capacity of water down tubing.
5. ND wellhead and NU BOPE. Pressure and function test BOP. PU and remove tubing hanger.
6. TOOH with tubing/rods (per pertinent data sheet).

**Tubing:** Yes                      **Size:** 2-3/8"                      **Length:** 7466

Round trip watermelon mill to 7282' or as deep as possible.

All cement volumes use 100% excess outside pipe and 50' excess inside pipe. The stabilizing wellbore fluid will be 8.3 ppg, sufficient to balance all exposed formation pressures. All cement will be ASTM Type II mixed at 15.6 ppg with a 1.18 cf/sk yield. Plug depths subject to change per CBL.

#### **7. Plug 1 (Dakota Perforations and Formation Top, 7173-7282', 13 Sacks Class B Cement)**

TIH and set 4 1/2" cement retainer at 7281'. Load casing with water and attempt to establish circulation. Test tubing to 1000 psi. Mix 13 sx Class B cement and spot a plug inside the casing above CR to isolate the Dakota perforations and formation top. PUH.

6306 6206

#### **8. Plug 2 (Gallup Formation Top, 6440-6540', 12 Sacks Class B Cement)**

Mix 12 sx Class B cement and spot a balanced plug inside casing to isolate the Gallup formation top. PUH

#### **9. Plug 3 (Mancos Formation Top, 5556-5656', 12 Sacks Class B Cement)**

Mix 12 sx Class B cement and spot a balanced plug inside casing to isolate the Mancos formation top. POOH

3656'

#### **10. Plug 4 (Mesaverde Perforations and Formation Top, 3893-3993', 12 Sacks Class B Cement)**

TIH and set cement retainer at 3993'. Pressure test casing to 800 psi. If casing does not test, spot and tag subsequent plugs as necessary. Run a CBL from top of CR at 3993' to surface. Mix 12 sx Class B cement and spot a plug inside the casing above CR to isolate the Mesaverde perforations and formation top. POOH.

#### **11. Plug 5 (Intermediate Shoe, 3300-3400', 30 Sacks Class B Cement)**

Perforate 3 HSC holes at 3400'. Establish rate into squeeze holes. TIH and set 4-1/2" CR at 3350'. Mix 30 sxs Class B cement, squeeze 18 sx behind casing and leave 12 sx inside casing to cover the intermediate shoe. POOH.

#### **12. Plug 6 (Pictured Cliffs Formation Tops, 3010-3110', 27 Sacks Class B Cement)**

Perforate 3 HSC holes at 3110'. Establish rate into squeeze holes. TIH and set 4-1/2" CR at 3060'. Mix 27 sx Class B cement, squeeze 15 sx behind casing and leave 12 sx inside casing to cover the Pictured Cliff formation top. POOH.

284 2711

#### **13. Plug 7 (Fruitland Formation Tops, 2592-2692', 27 Sacks Class B Cement)**

Perforate 3 HSC holes at 2692'. Establish rate into squeeze holes. TIH and set 4-1/2" CR at 2642'. Mix 27 sx Class B cement, squeeze 15 sx behind casing and leave 12 sx inside casing to cover the Fruitland formation top. POOH.

**14. Plug 8 (Ojo Alamo and Kirtland Formation Tops, 1980-2246', 56 Sacks Class B Cement)**

Perforate 3 HSC holes at 2246'. Establish rate into squeeze holes. TIH and set 4-1/2" CR at 2196'. Mix 56 sx Class B cement, squeeze 32 sx behind casing and leave 24 sx inside casing to cover the Ojo Alamo and Kirtland formation tops. POOH.

**15. Plug 9 (Nacimiento Formation Top, <sup>721 CH</sup>640-740', 27 Sacks Class B Cement)**

Perforate 3 HSC holes at <sup>721</sup>740'. Establish rate into squeeze holes. TIH and set 4-1/2" CR at 690'. Mix 27 sx Class B cement, squeeze 15 sx behind casing and leave 12 sx inside casing to cover the Nacimiento formation top. POOH.

**16. Plug 10 (Surface, 0-284', 127 Sacks Class B Cement)**

Perforate 3 HSC holes at 284'. Establish circulation out bradenhead with water and circulate BH annulus clean. Mix 127 sxs Class B cement and pump down production casing to circulate good cement out bradenhead. LD tubing. Shut in well and WOC.

17. Nipple down BOP and cut off casing below the casing flange. Install P&A marker with cement to comply with regulations. Rig down, move off location, cut off anchors, and restore location.

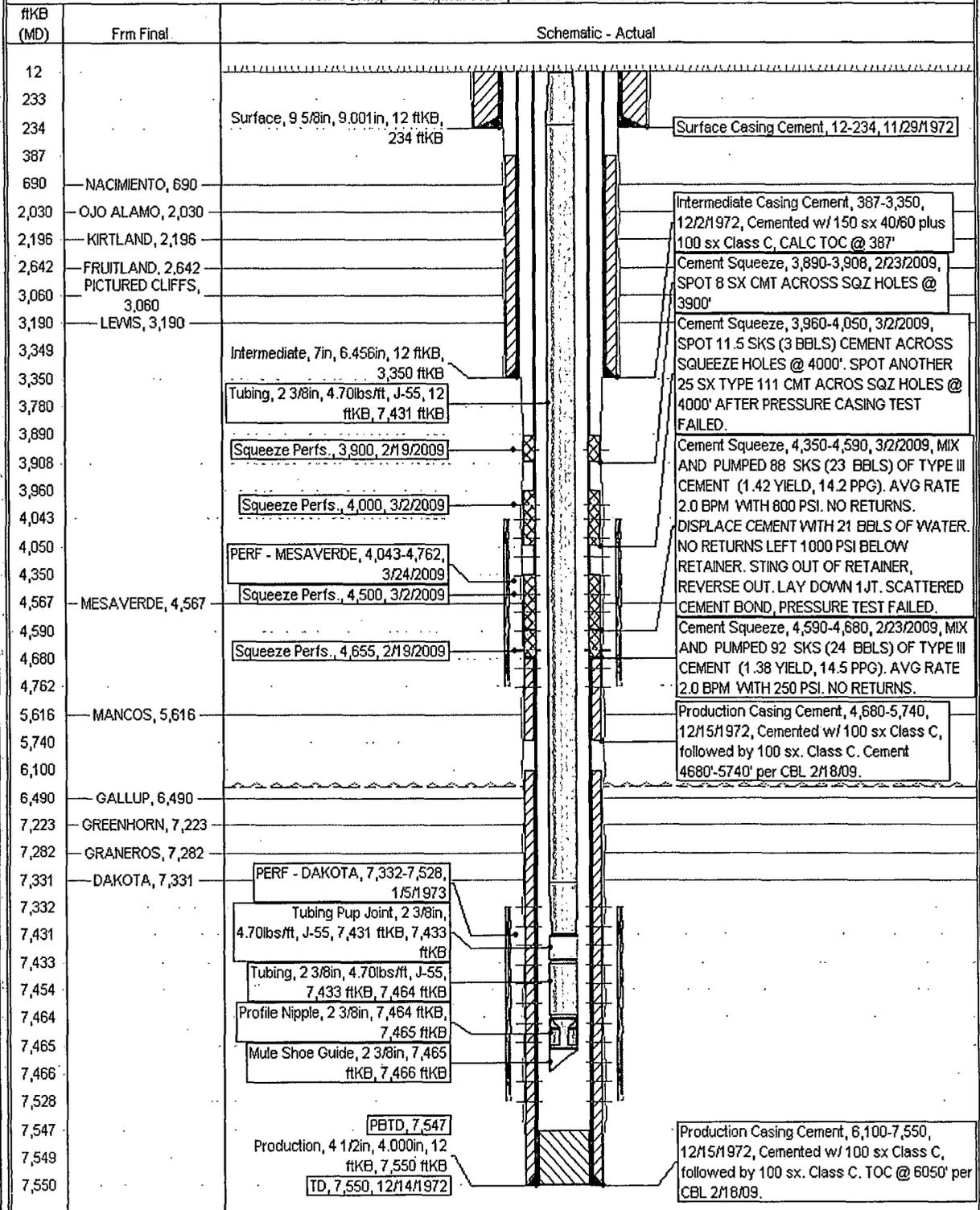
## Current Schematic

**ConocoPhillips**

**Well Name: LIVELY #8**

API/UWI 3004521109	Surface Legal Location 012-029N-008W-N	Field Name BASIN DAKOTA (PROBATED CASE)	License No.	State/Province NEW MEXICO	Well Configuration Type <span style="float: right;">Edit</span>
Ground Elevation (ft) 6,325.00	Original KB/RT Elevation (ft) 6,337.00	KB-Ground Distance (ft) 12.00	KB-Casing Flange Distance (ft) 6,337.00	KB-Tubing Hanger Distance (ft) 6,337.00	

Well Config: - Original Hole, 2/6/2013 10:13:10 AM



Proposed Schematic

ConocoPhillips  
Well Name: LIVELY #8

API #/UWI 3004521109	Surface Legal Location 012-029N-008W-N	Field Name EAST MESAVERDE	License No.	State Province NEW MEXICO	Well Configuration Type	Edit
Ground Elevation of 6,325.00	Original FBRT Elevation of 6,337.00	FB-Grnd Distance of 12.00	FB-Casing Flange Distance of 6,337.00	FB-Tabling Hanger Distance of 6,337.00		

Well Config: - Original Hole, 1/1/2020

ftKB (MD)	Frm Final	Schematic - Actual
12		Surface, 9.5/8in, 9.001in, 12 ftKB, 234 ftKB
234		SQUEEZE PERFS, 284, 1/1/2020
387		
690	NACIMIENTO, 690	Cement Retainer, 690-691
740		SQUEEZE PERFS, 740, 1/1/2020
2,030	OJO ALAMO, 2,030	
2,197	KIRTLAND, 2,196	Cement Retainer, 2,196-2,197
2,592		SQUEEZE PERFS, 2,246, 1/1/2020
2,643	FRUITLAND, 2,642	Cement Retainer, 2,642-2,643
3,010	PICTURED CLIFFS, 3,060	SQUEEZE PERFS, 2,692, 1/1/2020
3,061		Cement Retainer, 3,060-3,061
3,190	LEWIS, 3,190	SQUEEZE PERFS, 3,110, 1/1/2020
3,349		Intermediate, 7in, 6.456in, 12 ftKB, 3,350 ftKB
3,351		Cement Retainer, 3,350-3,351
3,780		SQUEEZE PERFS, 3,400, 1/1/2020
3,893		Squeeze Perfs., 3,900, 2/19/2009
3,960		
3,994		Cement Retainer, 3,993-3,994
4,050		Squeeze Perfs., 4,000, 3/2/2009
4,567	MESAVERDE, 4,567	PERF - MESAVERDE, 4,043-4,762, 3/24/2009
4,680		Squeeze Perfs., 4,500, 3/2/2009
5,556		Squeeze Perfs., 4,655, 2/19/2009
5,656	MANCOS, 5,616	
6,100		
6,490	GALLUP, 6,490	
7,173	GREENHORN, 7,223	
7,282	GRANEROS, 7,282	Cement Retainer, 7,282-7,283
7,331	DAKOTA, 7,331	
7,431		PERF - DAKOTA, 7,332-7,528, 1/5/1973
7,454		
7,465		
7,528		PBTD, 7,547
7,549		Production, 4 1/2in, 4,000in, 12 ftKB, 7,550 ftKB
		TD, 7,550, 12/14/1972

Surface Casing Cement, 12-234, 11/29/1972  
 Plug #10, 12-284, 1/1/2020, Mix and pump 127 sxs Class B cement and circulate good cement out bradenhead valve and production casing valve.  
 Plug #9, 640-740, 1/1/2020, Mix 27 sx Class B cement, squeeze 15 sx behind casing and leave 12 sx inside casing to cover the Nacimiento formation top.  
 Plug #9, 640-740, 1/1/2020  
 Plug #8, 1,980-2,246, 1/1/2020, Mix 56 sx Class B cement, squeeze 32 sx behind casing and leave 24 sx inside casing to cover the Ojo Alamo and Kirtland formation tops.  
 Plug #8, 1,980-2,246, 1/1/2020  
 Plug #7, 2,592-2,692, 1/1/2020, Mix 27 sx Class B cement, squeeze 15 sx behind casing and leave 12 sx inside casing to cover the Fruitland formation top.  
 Plug #7, 2,592-2,692, 1/1/2020  
 Plug #6, 3,010-3,110, 1/1/2020, Mix 27 sx Class B cement, squeeze 15 sx behind casing and leave 12 sx inside casing to cover the Pictured Cliff formation top.  
 Plug #6, 3,010-3,110, 1/1/2020  
 Intermediate Casing Cement, 387-3,350, 12/2/1972, Cemented w/ 150 sx 40/60 plus 100 sx Class C, CALC TOC @ 387'  
 Plug #5, 3,300-3,400, 1/1/2020  
 Plug #5, 3,300-3,400, 1/1/2020, Mix 30 sxs Class B cement, squeeze 18 sx behind casing and leave 12 sx inside casing to cover the intermediate shoe.  
 Plug #4, 3,893-3,993, 1/1/2020, Mix 12 sx Class B cement and spot a plug inside the casing above CR to isolate the Mesaverde perforations and formation top.  
 Plug #3, 5,556-5,656, 1/1/2020, Mix 12 sx Class B cement and spot a balanced plug inside casing to isolate the Mancos formation top  
 Production Casing Cement, 4,680-5,740, 12/15/1972, Cemented w/ 100 sx Class C, followed by 100 sx. Class C. Cement 4680'-5740' per CBL 2/18/09.  
 Plug #2, 6,440-6,540, 1/1/2020, Mix 12 sx Class B cement and spot a balanced plug inside casing to isolate the Gallup formation top.  
 Plug #1, 7,173-7,282, 1/1/2020, Mix 13 sx Class B cement and spot a plug inside the casing above CR to isolate the Dakota perforations and formation top.  
 Production Casing Cement, 6,100-7,550, 12/15/1972, Cemented w/ 100 sx Class C, followed by 100 sx. Class C. TOC @ 6050' per CBL 2/18/09.

UNITED STATES DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
FARMINGTON DISTRICT OFFICE  
6251 COLLEGE BLVD.  
FARMINGTON, NEW MEXICO 87402

Attachment to notice of  
Intention to Abandon:

Re: Permanent Abandonment  
Well: 8 Lively

CONDITIONS OF APPROVAL

1. Plugging operations authorized are subject to the attached "General Requirements for Permanent Abandonment of Wells on Federal and Indian Lease."
2. Farmington Office is to be notified at least 24 hours before the plugging operations commence (505) 564-7750.
3. The following modifications to your plugging program are to be made:
  - a) Place the Gallup plug from 6306' – 6206'.
  - b) Bring the top of the Measverde plug to 3656'.
  - c) Place the Fruitland plug from 2811' – 2711' inside and outside the 4 ½" casing.
  - d) Place the Nacimiento plug from 721' - 621' inside and outside the 4 ½" casing.

You are also required to place cement excesses per 4.2 and 4.4 of the attached General Requirements.

Office Hours: 7:45 a.m. to 4:30 p.m.