

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

RECEIVED

MAY 01 2013

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

**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.*

5. Lease Serial No. **SF-077922**

6. If Indian, Allottee or Tribe Name

*SUBMIT IN TRIPLICATE - Other instructions on page 2.*

1. Type of Well

Oil Well  Gas Well  Other SWD

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

8. Well Name and No.

**McGrath SWD 4**

2. Name of Operator

**Burlington Resources Oil & Gas Company LP**

9. API Well No.

**30-045-25923**

3a. Address

**PO Box 4289, Farmington, NM 87499**

3b. Phone No. (include area code)

**(505) 326-9700**

10. Field and Pool or Exploratory Area

**Mesaverde SWD**

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

**Surface Unit B (NWNE), 800' FNL & 1730' FEL, Sec. 34, T30N, R12W**

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.**

RCVD MAY 7 '13  
OIL CONS. DIV.  
DIST. 3

*# Add a Chaera plug from 2544' to 2644'*

**Notify NMOCD 24 hrs prior to beginning operations**

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed)

**Dollie L. Busse**

Title **Staff Regulatory Technician**

Signature



Date

*7/30/13*

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by

Original Signed: Stephen Mason

Title

Date **MAY 03 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.

(Instruction on page 2)

NMOCD

**ConocoPhillips**  
**MCGRATH 4 SWD**  
**Expense - P&A**

Lat 36° 46' 27.012" N

Long 108° 4' 54.912" 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. RU slickline unit. Set RCE blanking plug in the R profile nipple at 4212'. Anticipate ~1150 psig tubing pressure and 300 psig casing pressure. Bleed off tubing and casing pressures after setting plug.
3. MIRU work over rig. Check casing, tubing, and bradenhead pressures and record them in Wellview.
4. 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.
5. RU blow lines from casing valves and bleed off tubing and casing pressures.
6. ND wellhead and NU BOPE. Function and pressure test BOP. PU and remove tubing hanger. Release from on/off tool. Do not circulate hole. Annular fluid is treated with corrosion inhibitor.

7. TOOH and laydown 3-1/2" tubing (per pertinent data sheet). Packer and lower tail assembly will be left in the hole.

<b>Rods:</b>	No	<b>Size:</b>		<b>Length:</b>	
<b>Tubing:</b>	Yes	<b>Size:</b>	3-1/2"	<b>Length:</b>	4186'
<b>Packer:</b>	Yes	<b>Size:</b>	5-1/2"	<b>Depth:</b>	4197'

8. Pick up 2-3/8" workstring and round trip watermelon mill to 3600'.

9. Pressure test the tubing to 800 psig on the casing to 1500 psig. If casing does not test, spot and/or tag plugs as appropriate.

**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.**

**10. Plug 1 (Mesaverde, 3985-4197', 30 Sacks Class B Cement - Cement volume has been increased to provide safety factor for this SWD well)**

TIH to packer top at 4197'. Establish circulation and circulate well clean. Mix 30 sx Class B cement and spot inside the casing above the packer to isolate the Point Lookout injection interval. TOOH.

**11. Plug 2 (Mesaverde, 3335-3535', 88 Sacks Class B Cement - Cement volume has been increased to provide safety factor for this SWD well)**

RU wireline unit. GIH with 3-1/8" HSC guns and perforate 3 squeeze holes at 3535'. RD wireline. TIH and set 5-1/2" cement retainer at 3485'. Load hole with water and circulate well clean. Pressure test tubing to 1000 psig. Mix 88 sx of Class B cement and squeeze 59 sx behind casing and leave 29 sx inside to cover the Mesaverde top. TOOH.

**12. Plug 3 (Pictured Cliffs, 1836-1936', 17 Sacks Class B Cement)**

TIH. Mix 17 sx Class B cement and spot a balanced plug to cover the Pictured Cliffs formation top.

**13. Plug 4 (Fruitland Coal, <sup>1660 1560</sup>1240-1340', 17 Sacks Class B Cement)**

Mix 17 sx of Class B cement and spot a balanced plug to cover the Fruitland Coal formation top.

**14. Plug 5 (Ojo Alamo & Kirtland, 360-620', 36 Sacks Class B Cement)**

Mix 36 sx of Class B cement and spot a balanced plug to cover the Ojo Alamo and Kirtland formation tops. POOH.

**15. Plug 6 (Surface, 0-281', 99 Sacks Class B Cement)**

RU wireline unit. GIH with 3-1/8" HSC guns and perforate 3 squeeze holes at 281'. RD wireline. Establish circulation through bradenhead valve. Mix and pump 99 sx Class B cement down production casing and circulate cement out bradenhead. Shut well in and WOC.

16. Nipple down BOP and cut off casing below the casing flange. Install P&A marker with cement to comply with regulations. Rig down and move off location. Anchors will be removed as part of the reclamation phase that is currently in progress.

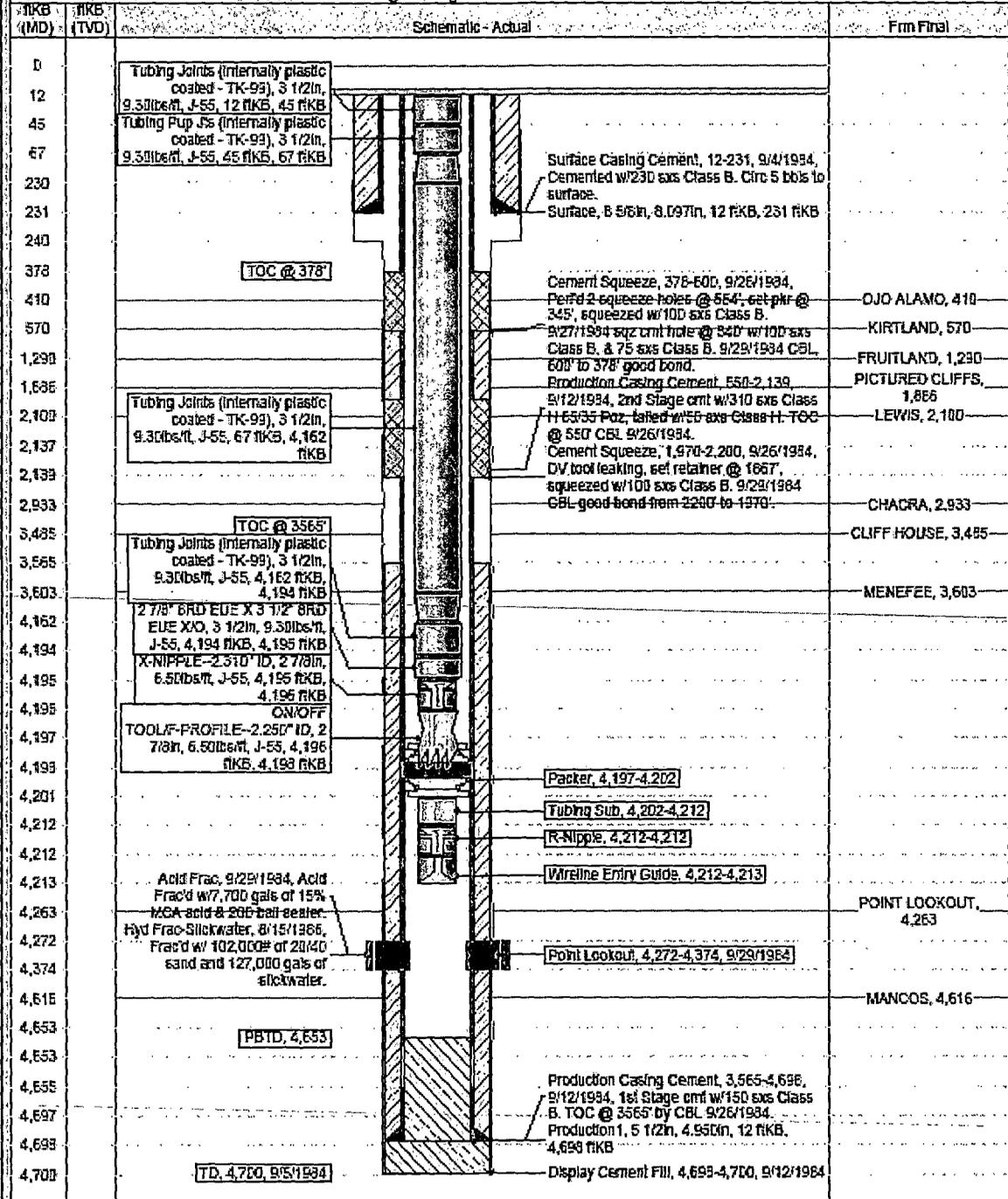


# Current Schematic

Well Name: **MCGRATH #4 SWD**

API Well No. 30M4525923	Surface Legal Location SEC 34 T30N R12W	Field Name SWD/MESAVERDE	License No.	State/Province NEW MEXICO	Well Configuration Type
Ground Elevation (ft) 5,749.00	Original KBWT Elevation (ft) 5,761.00	KB-Grout Depth (ft) 12.00	KB-Casing Floor Elevation (ft) 5,761.00	KB-Tubing Hanger Depth (ft) 5,761.00	

Well Config: - Original Hole: 3/28/2013 7:34:47 AM



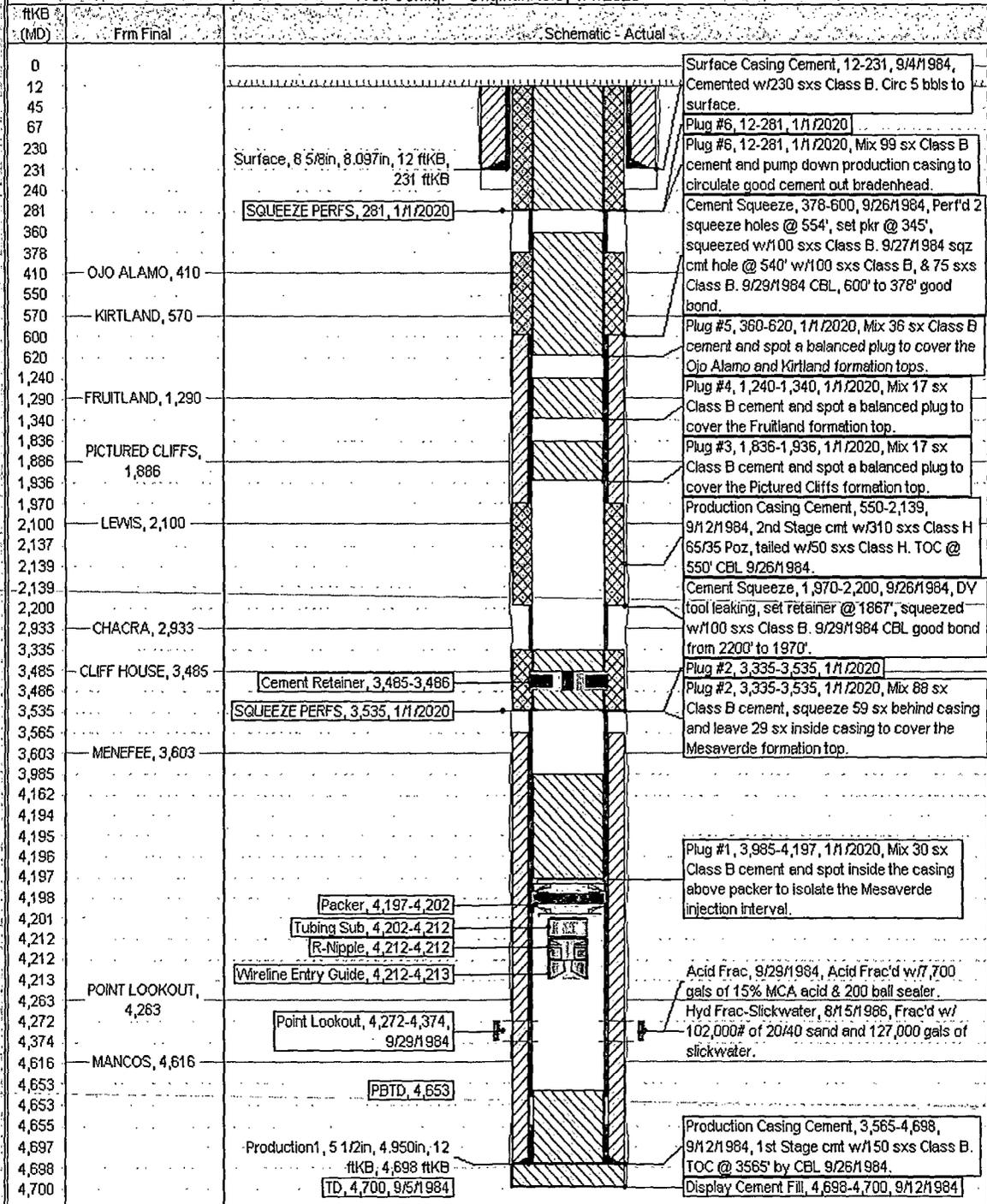
Proposed Schematic

ConocoPhillips

Well Name: MGRATH #4 SWD

API/UVI 3004525923	State Legal Location SEC 34 T30N R12W	Field Name SWD, MESAVERDE	License No.	State/Province NEW MEXICO	Well Configuration Type [Edit]
Ground Elevation (ft) 5,749.00	Original B.P.T. Elevation (ft) 5,761.00	R.E. Ground Elevation (ft) 12.00	R.E. Casing Flange Elevation (ft) 5,761.00	R.E. Tubing Hanger Elevation (ft) 5,761.00	

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



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: 4 McGrath SWD

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 Fruitland plug from 1660' – 1560'.

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.