

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
Jun 19, 2008

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

WELL API NO. 30-039-05692
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No. E-809-22
7. Lease Name or Unit Agreement Name Canyon Largo Unit
8. Well Number 99
9. OGRID Number 14538
10. Pool name or Wildcat Ballard Pictured Cliffs

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
P.O. Box 4289, Farmington, NM 87499-4289

4. Well Location
Unit Letter **M** : **890** feet from the **South** line and **1140** feet from the **West** line
Section **36** Township **25N** Range **7W** NMPM **Rio Arriba County**

11. Elevation (Show whether DR, RKB, RT, GR, etc.)
6613' GR

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

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☒
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐
PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐
DOWNHOLE COMMINGLE ☐

OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐ P AND A ☐
CASING/CEMENT JOB ☐

OTHER: ☐

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.

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

Notify NMOCD 24 hrs
prior to beginning
operations

RCVD AUG 9 '12
OIL CONS. DIV.
DIST. 3

Run CBL prior to cementing plug #1

Spud Date:

Rig Released Date:

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

SIGNATURE *Dollie L. Busse* TITLE Staff Regulatory Technician DATE *8/19/12*

Type or print name Dollie L. Busse E-mail address: *dollie.l.busse@conocophillips.com* PHONE: 505-324-6104

For State Use Only

APPROVED BY: *Bob Bell* TITLE Deputy Oil & Gas Inspector, District #3 DATE *8/20/12*

Conditions of Approval (if any):

AV

ConocoPhillips
CANYON LARGO UNIT 99
Expense - P&A

Lat 36° 21' 7.344" N

Long 107° 31' 52.068" W

PROCEDURE

Call MSO Chad Felder at 215-8241 prior to moving onto location, so he can coordinate for the road and location to be bladed for easier rig access.

Note: 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. 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 may change per CBL.**

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, if necessary.
5. ND wellhead and NU BOPE. Pressure test and function test BOP.

Rods:	No	Size:	Length:
Tubing:	No	Size:	Length:
Packer:	No	Size:	Depth:

6. Run casing scraper CBL from top of perforations to surface (top perf @ 2312'). Call production engineer to confirm cement plug depths. **Note: Slickline tagged fill at 2283' in June 2012, so scraper/CBL may not be able to travel all the way to the top perf.**

7. Plug 1 (Pictured Cliffs Perfs, Fruitland Formation Top, and Kirtland Formation Top, 2262' - 1754', 14 Sacks Class B Cement)

RIH and set CIBP at 2262'. Load casing with water and attempt to establish circulation. Pressure test tubing to 1000 psi. Pressure test casing to 800 psi. If casing does not test, then spot and tag subsequent plugs as necessary. Mix 14 sx Class B cement and spot inside the casing above CIBP to isolate the Pictured Cliffs perforations, Pictured Cliffs formation top, Fruitland formation top, and Kirtland formation tops. PUH.

Note: The top of plug 1 intentionally stays below the TOC, which makes this plug short of covering the Kirtland formation top (plug should go to 1720'). This is due to the calculated TOC being at 1731', and the need to shoot holes at 1725'. The remainder of the Kirtland formation top will be covered with plug 2. All plugs will most likely change with CBL results.

8. Plug 2 (Ojo Alamo Formation Top, 1754' - 1597', 73 Sacks Class B Cement)

Perforate 3 HSC holes at 1725' (TOC @ 1731' by 75% calculation). Set a cement retainer at 1675'. TIH with tubing and sting into CR. Establish injection rate into squeeze holes. Mix 73 sx Class B cement. Sqz 67 sx cement into HSC holes and leave 6 sx inside casing to isolate the Ojo Alamo formation top. POOH.

9. Plug 3 (Nacimiento Formation Top, 808' - 708', 55 Sacks Class B Cement)

Perforate 3 HSC holes at 808'. Set a cement retainer at 758'. TIH with tubing and sting into CR. Establish injection rate into squeeze holes. Mix 55 sx Class B cement. Sqz 50 sx Class B cement into HSC holes and leave 5 sx cement inside casing to isolate the Nacimiento formation top. POOH and LD workstring.

10. Plug 4 (Surface Casing Shoe & Surface Plug, 185' - 0', 81 Sacks Class B cement)

Perforate 3 HSC holes at 185'. Establish circulation out bradenhead with water and circulate BH annulus clean. Mix 81 sx Class B cement and pump down production casing to circulate good cement out bradenhead. Shut in well and WOC.

11. 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.

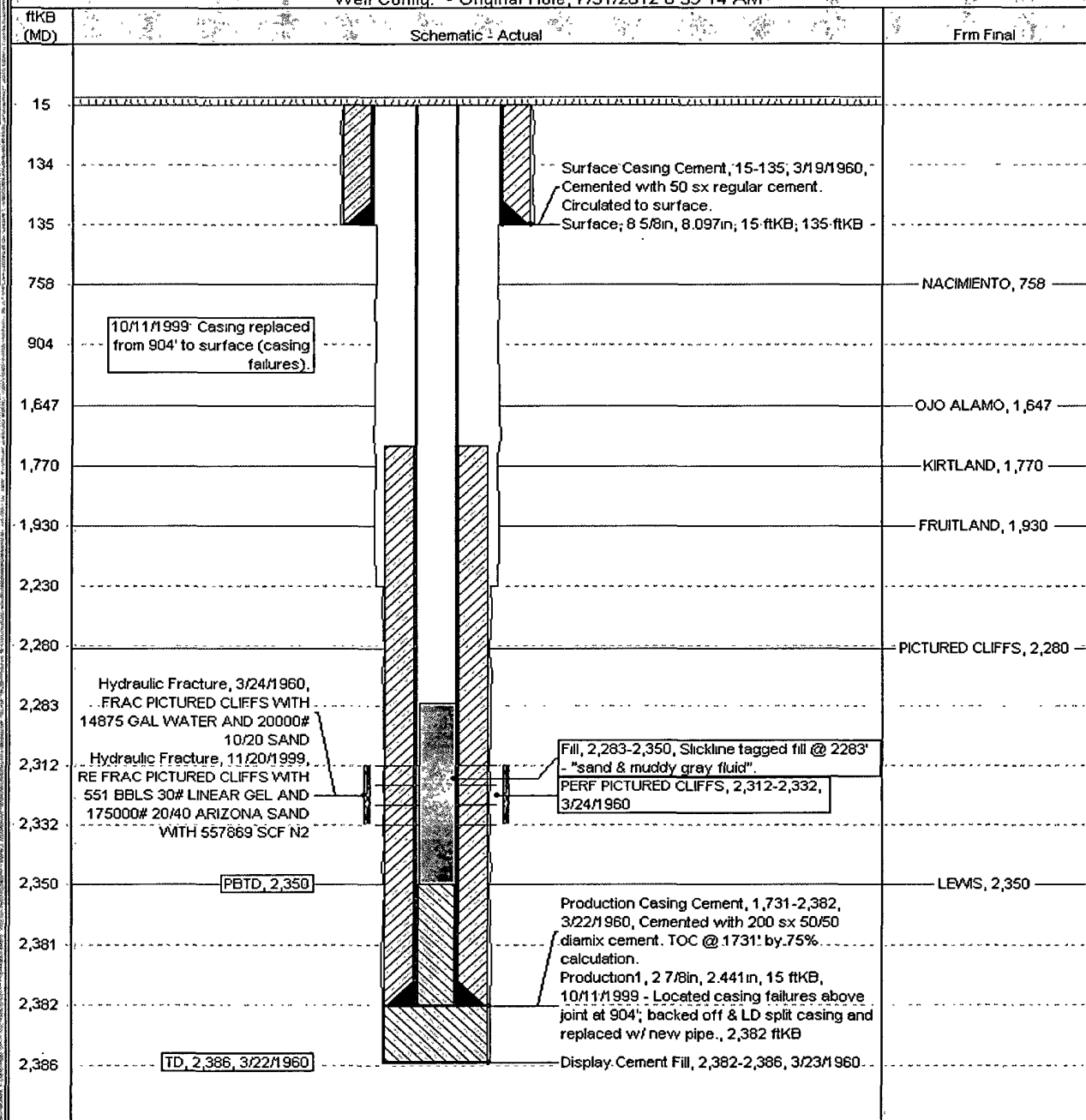
Current Schematic

ConocoPhillips

Well Name: CANYON LARGO UNIT #99

API/UNII 3003905692	Surface Legal Location NMPM,036-025N-007W	Field Name SALLARD PICTURED CLIFFS (CAS)	License No.	State/Province NEW MEXICO	Well Configuration Type Edit
Ground Elevation (ft) 6,618.00	Original KB/RT Elevation (ft) 6,633.00	KB-Ground Depth (ft) 15.00	KB-Casing Floor Depth (ft)	KB-Tagline Hanger Depth (ft)	

Well Config: - Original Hole, 7/31/2012 6:59 14 AM



Proposed Schematic

API/UVI 3003905692	State Legal Location NMPM 036.025N.007W	Field Name CANYON LARGO UNIT #99	License No. 15100	State/Province NEW MEXICO	Well Completion Type H-Tabling Hanger/C6 Casing	Edit
Ground Elevation (ft) 6,618.00	Original Elevation (ft) 6,633.00	UTM Zone 15100	UTM Easting 15100	UTM Northing 15100	UTM Zone 15100	

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

ftKB (MD)	From Final	Schematic - Actual
15		
134		
135	Surface, 8 5/8 in, 8.097 in, 15 ftKB, 135 ftKB	
185	SQUEEZE PERFS, 185, 1/1/2020	
708		
758	NACIMIENTO, 758	
759	Cement Retainer, 758-759	
808	SQUEEZE PERFS, 808, 1/1/2020	
904	10/11/1999: Casing replaced from 904' to surface (casing failures).	
1,597		
1,647	OJO ALAMO, 1,647	
1,675		
1,676	Cement Retainer, 1,675-1,676	
1,725	SQUEEZE PERFS, 1,725, 1/1/2020	
1,731		
1,770	KIRTLAND, 1,770	
1,930	FRUITLAND, 1,930	
2,230		
2,262	Bridge Plug - Permanent, 2,262-2,263	
2,263		
2,280	PICTURED CLIFFS, 2,280	
2,283	Fill, 2,283-2,350, Stickline tagged fill @ 2,283' - "sand & muddy gray fluid".	
2,312	PERF PICTURED CLIFFS, 2,312-2,332, 3/24/1960	
2,332		
2,350	LEWIS, 2,350	
2,381	PBTD, 2,350	
2,381	Production 1, 2 7/8 in, 2.441 in, 15 ftKB, 10/11/1999 - Located casing failures above joint at 904'; backed off & LD split casing and replaced w/ new pipe, 2,382 ftKB	
2,382		
2,386	TD, 2,386, 3/22/1960	

Surface Casing Cement, 15-135, 3/19/1960, Cemented with 50 sx regular cement. Circulated to surface.

Plug #4, 15-185, 1/1/2020, Mix 31 sx Class B cement and pump down production casing to circulate good cement out bradenhead. Plug #4, 15-185, 1/1/2020

Plug #3, 708-808, 1/1/2020
Plug #3, 708-808, 1/1/2020, Mix 55 sx Class B cement, squeeze 50 sx into HSC holes and leave 5 sx inside casing to isolate the Nacimiento formation top.

Plug #2, 1,597-1,731, 1/1/2020
Plug #2, 1,597-1,731, 1/1/2020, Mix 73 sx Class B cement, squeeze 67 sx into HSC holes and leave 5 sx inside casing to isolate the Ojo Alamo formation top.

Plug #1, 1,731-2,262, 1/1/2020, Mix 16 sx Class B cement and spud inside the casing above CIBP to isolate the Pictured Cliffs perforations, Pictured Cliffs, Fruitland, and Kirtland formation tops.

Hydraulic Fracture, 3/24/1960, FRAC PICTURED CLIFFS WITH 14875 GAL WATER AND 20000# 10/20 SAND

Hydraulic Fracture, 11/20/1999, RE FRAC PICTURED CLIFFS WITH 551 BBLS 30# LINEAR GEL AND 175000# 20/40 ARIZONA SAND WITH 557669 SCF N2

Production Casing Cement, 1,731-2,382, 3/22/1960, Cemented with 200 sx 50/50 diamix cement. TOC @ 1731' by 75% calculation. Display Cement Fil, 2,382-2,386, 3/23/1960