

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

**RECEIVED**

Sundry Notices and Reports on Wells

AUG 08 2009

Bureau of Land Management  
Farmington Field Office1. Type of Well  
GASLease Number  
SF 0788866. If Indian, All. or  
Tribe Name

2. Name of Operator

**BURLINGTON**

RESOURCES OIL &amp; GAS COMPANY LP

7. Unit Agreement Name

3. Address &amp; Phone No. of Operator

P.O. Box 4289, Farmington, NM 87499

8. Canyon Largo Unit  
Well Name & Number  
Canyon Largo Unit 260

4. Location of Well, Footage, Sec., T, R, M

Unit K (NESW), 1710' FSL &amp; 1660' FWL, Section 17, T24N, R6W, NMPM

9. API Well No.

30-039-20977  
10. Field and Pool11. Ballard Pictured Cliffs  
County and State  
Rio Arriba Co., NM

## 12. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OTHER DATA

## Type of Submission

☒ Notice of Intent☐ Subsequent Report☐ Final Abandonment

## Type of Action

☒ Abandonment☐ Recompletion☐ Plugging☐ Casing Repair☐ Altering Casing☐ Change of Plans☐ New Construction☐ Non-Routine Fracturing☐ Water Shut off☐ Conversion to Injection☐ Other

RCVD AUG 6 '09

OIL CONS. DIV.

DIST. 3

## 13. Describe Proposed or Completed Operations

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

## 14. I hereby certify that the foregoing is true and correct.

Signed

Rhonda Rogers Title Staff Regulatory Technician

Date 7/31/09

(This space for Federal or State Office use)

APPROVED BY Original Signed: Stephen Mason Title

Date AUG 05 2009

CONDITION OF APPROVAL, if any:

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

NMCCD

78

PC

**ConocoPhillips**  
**CANYON LARGO UNIT 260 (PC)**  
**Plug and Abandon**

Lat 36° 18' 35.496" N

Long 107° 29' 40.344" W

**Prepared by:** David McDaniel  
**Production Engineering Peer Review/approved by:**

**Date:** 06/25/09

**Date:**

**Scope of Work:** To plug and abandon the wellbore.

**Est. Rig Days:** 4  
**Est. Uplift:** N/A

**Area:** 26  
**Formation:** PC

**Route:** 656

**WELL DATA**

**API:** 3003920977

**Spud Date:** 4/6/1975

**LOCATION:** 1710' FSL & 1660' FWL, Spot K, Section 17 -T 024N - R 006W

**PBTD:** 2109'

**Total Depth:** 2125'

**TBG Depth:** N/A **KB:** 12'

**BTM Perf:** 2066'

**EOT to PBTD:** N/A

**BTM Peft to PBTD:** 43'

**Perforations:** 2014'-2066' (PC)

<b>Tubular</b>	<b>OD</b>	<b>Weight</b>	<b>Grade</b>	<b>Connection</b>	<b>ID</b>	<b>Drift ID</b>	<b>Depth</b>
Casing	8 5/8"	24	J-55	STC	8.097	7.972	136
Casing	2 7/8"	6.4	J-55	STC	2.441	2.347	2120
CIBP							1964

**Well History/Justification**

Spud on April 6, 1975 the Canyon Largo Unit 260 was completed as a 2-7/8" slimhole PC well. Slickline work on February 17, 2009 showed the fluid level @ 270' and fill 9' above the top perf. On June 23, 2009 a coiled tubing unit set a CIBP at 1964' and located mutiple holes in the casing from 1100' to 400'. As of June 25, 2009 this well must be repaired or plugged and abandoned in 90 days.

**Recommendation**

Any chance of repairing the casing through remedial cementing or cutting and pulling the casing and trying to tie back on, has very little chance of success and would result in costs that could not be recovered by the well's remaining reserves. Due to the 2-7/8" slimhole and corroded casing there is no uphole potential in this wellbore. It is Production Engineering's recommendation to plug and abandon the well.

**Bradenhead Failure/History**

None noted.

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

**Artificial lift on well (type):** None      **Est. Reservoir Pressure (psia):** 200 (PC)

**Well Failure Date:** 6/10/08      **Earthen Pit Required:** NO

**Current Rate:** 0 MCFD      **Est. Rate Post Remedial:** N/A

**Special Requirements:** A-Plus steel pit required for waste fluids and sacks of cement

H<sub>2</sub>S: 0 ppm

Contacts	Name	Office #	Cell #
PE Production Engineer	David McDaniel	599-3443	320-2907
PE Backup	Paul Nguyen	599-3432	320-1254
MSO	Travis Chavez		320-1537
Lead	Vance Roberts	599-3467	320-9567
Area Foreman	Cary Green	324-5105	320-2636

**ConocoPhillips**  
**CANYON LARGO UNIT 260**  
**Plug and Abandon**

Lat 36° 18' 35.496" N

Long 107° 29' 40.344" 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 15.6 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 a 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 COPC safety and environmental regulations. MOL and RU daylight pulling unit. Conduct safety meeting for all personnel on location. Record casing and bradenhead pressures. NU relief line and blow down well. Kill well with water as necessary. ND wellhead and NU BOP. Function test BOP.

3. Rods: Yes ☐, No ☒, Unknown ☐

Tubing: Yes ☐, No ☒, Unknown ☐, Size , Length .

Packer: Yes ☐, No ☒, Unknown ☐, Type .

If well has rods or a packer, then modify the work sequence in Step #2 as appropriate.

4. Plug 1: TIH with open ended tubing and tag CIBP at 1964' pull up 2'. Load casing with water and circulate well clean. Mix ~~1~~ sx cement in 2 stages to fill the inside of casing to isolate the PC perforations and cover all other formations tops up to and 50' above the Ojo Alamo top. TOOH with tubing and WOC. TIH and tag cement. Circulate hole clean with water. Pressure test casing to 500#. If the casing does not test, then spot or tag subsequent plugs as necessary. TOH with tubing. 1964' - 1353'

5. Plug 2: RU wireline unit, perforate 3 squeeze holes @ 620'. Set a 2-7/8" wireline cement retainer @ 570'. TIH with tubing and sting into retainer. Establish rate into squeeze holes. Mix 55 sx cement, squeeze 50 sx cement outside 2-7/8" casing and leave 5 sx cement inside casing to cover Nacimiento top. TOOH and LD tubing. Nacimiento top 71'

6. Plug 3: Perforate 3 squeeze holes @ 200'. Establish circulation out bradenhead valve. Mix and pump approximately 75 sx cement down 2-7/8" casing and circulate good cement out bradenhead valve. Shut well in and WOC.

7. ND BOP and cut off wellhead below surface casing flange. Install P&A marker with cement to comply with regulations. RD, move off location, cut off anchors and restore location per BLM stipulations.

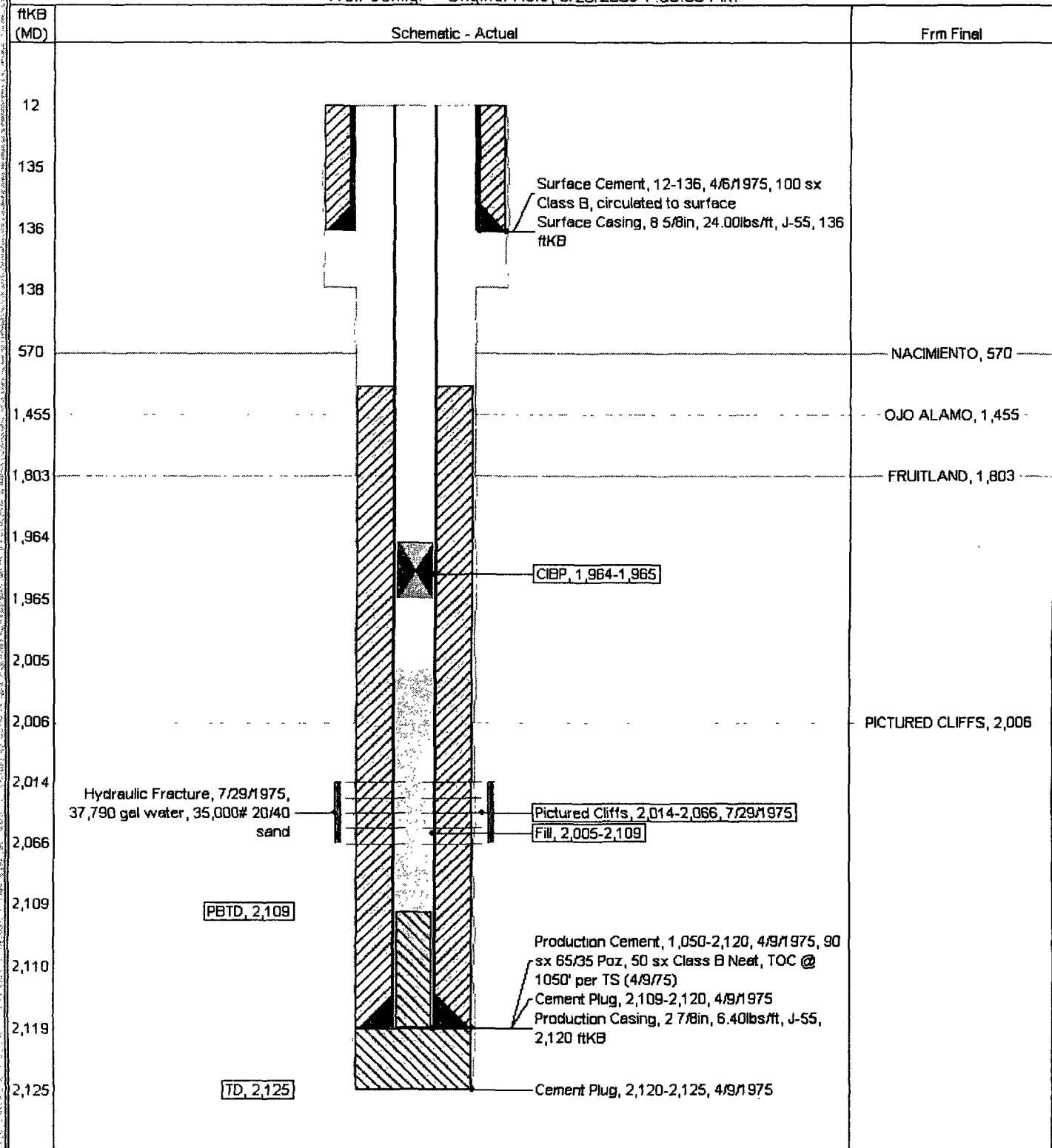
# Current Schematic

ConocoPhillips

Well Name: CANYON LARGO UNIT #260

API/UVI 3003920977	Surface Legal Location NMPM 017-024N-006W	Field Name DALLARD PICTURED CLIFFS (CANY)	License No.	State/Province NEW MEXICO	Well Configuration Type <a href="#">Edit</a>
Gross Elevation (ft) 6,541.00	Original KB/RT Elevation (ft) 6,553.00	KB-Gross Distance (ft) 12.00	KB-Casing Flange Distance (ft)	KB-Tieback Hanger Distance (ft)	

Well Config: - Original Hole, 6/25/2009 7:36:06 AM



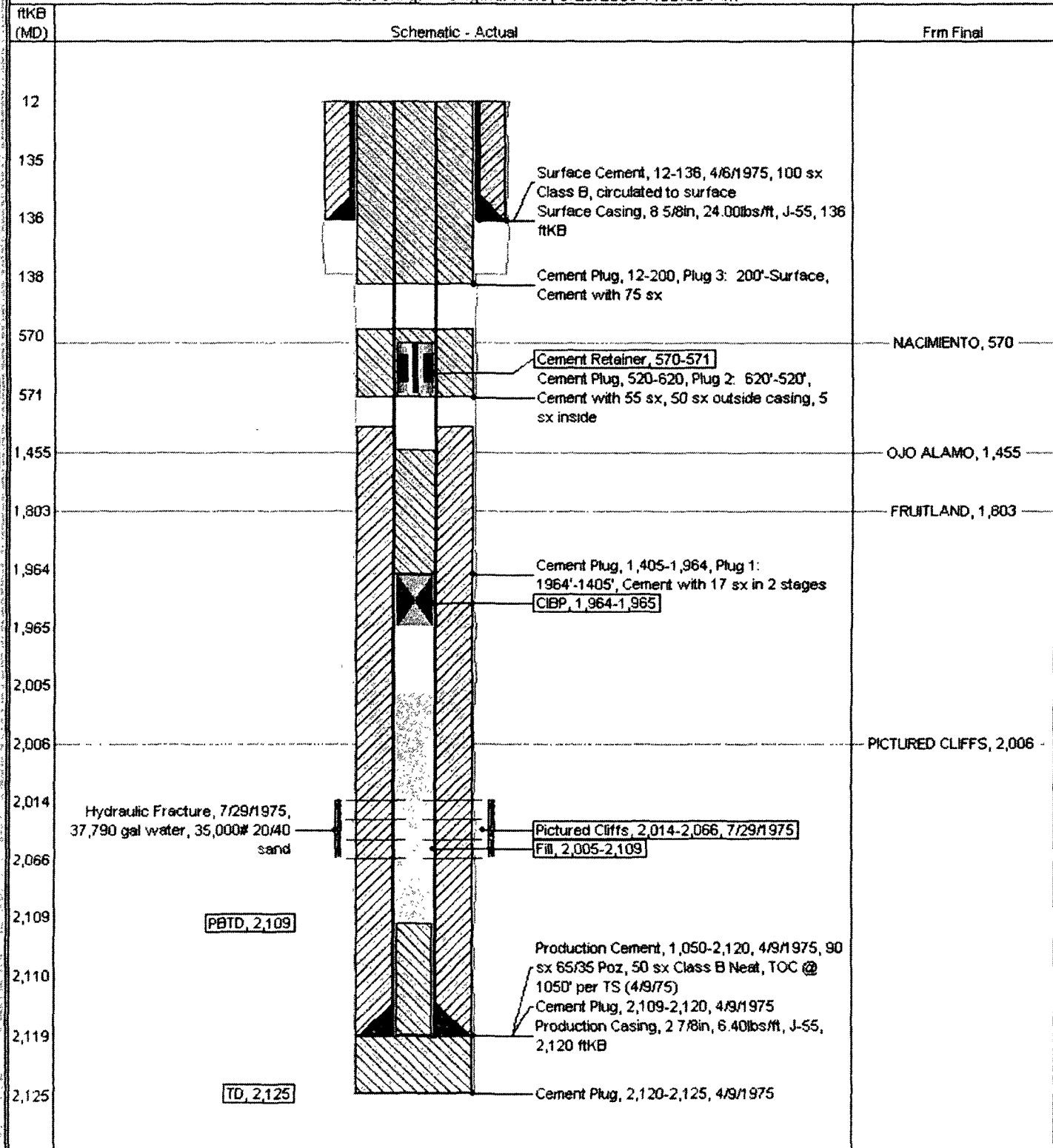
# Proposed P&A

ConocoPhillips

Well Name: CANYON LARGO UNIT #260

API/URN	State Legal Location	Field Name	License No.	State/Province	Well Configuration Type	Edit
3003920977	NMPM,017-024N-005VV	BULLARD PICTURED CLIFFS (GAS)		NEW MEXICO		
Grossed Elevation (ft)	Original KIBRT Elevation (ft)	KB-Grossed Distance (ft)	KB-Casing Floor Distance (ft)	KB-Tubing Hanger Distance (ft)		
6,541.00	6,553.00	12.00				

Well Config: - Original Hole, 6/25/2009 7:36:06 AM



**UNITED STATES DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
FARMINGTON DISTRICT OFFICE  
1235 LA PLATA HIGHWAY  
FARMINGTON, NEW MEXICO 87401**

Attachment to notice of  
Intention to Abandon:

Re: Permanent Abandonment  
Well: 260 Canyon Largo Unit

**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) 599-8907.
3. The following modifications to your plugging program are to be made:
  - a) Bring the top of the Pictured Cliffs/Fruitland/Kirtland/Ojo Alamo plug to 1353'.

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.