

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

NOV 12 2009

Sundry Notices and Reports on Wells

Bureau of Land Management
Farmington Field Office

1. Type of Well
GAS

5. Lease Number
NM 020503

6. If Indian, All. or
Tribe Name

7. Unit Agreement Name

2. Name of Operator
CONOCOPHILLIPS COMPANY

8. Well Name & Number
Federal 2

3. Address & Phone No. of Operator

PO Box 4289, Farmington, NM 87499 (505) 326-9700

9. API Well No.

30-045-08703

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

10. Field and Pool

Surf: Unit I (NESE), 1650' FSL & 990' FEL, Section 01, T29N, R11W, NMPM

11. Aztec Pictured Cliffs
County and State
San Juan, NM

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

Type of Submission	Type of Action	
<input type="checkbox"/> Notice of Intent	<input checked="" type="checkbox"/> Abandonment	10-30-09
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion	
<input type="checkbox"/> Final Abandonment	<input type="checkbox"/> Plugging	
	<input type="checkbox"/> Casing Repair	
	<input type="checkbox"/> Altering Casing	
	<input type="checkbox"/> Change of Plans	
	<input type="checkbox"/> New Construction	
	<input type="checkbox"/> Non-Routine Fracturing	
	<input type="checkbox"/> Water Shut off	
	<input type="checkbox"/> Conversion to Injection	
	Other -	

13. Describe Proposed or Completed Operations

See attached A+ report.

RCVD NOV 16 '09
OIL CONS. DIV.
DIST. 3

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

Signed Rhonda Rogers Title Staff Regulatory Technician Date 11/11/09

(This space for Federal or State Office use)

APPROVED BY _____ Title _____ Date _____

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

ACCEPTED FOR RECORD

NOV 16 2009

FARMINGTON FIELD OFFICE

NMCCD 68

A-PLUS WELL SERVICE, INC.

P.O. BOX 1979

Farmington, New Mexico 87499

505-325-2627 * fax: 505-325-1211

ConocoPhillips

Federal #2

November 5, 2009

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1650' FNL & 990' FEL, Section 1, T-29-N, R-11-W

San Juan Country, NM

Lease Number: NM 020503

API#30-045-08703

Plug and Abandonment Report

Notified NMOCD and BLM on 10/23/09 and 10/28/09

Plugging Summary:

- 10/23/09 MOL and RU. LO/TO equipment on location. Check well pressures: casing, 40 PSI; bradenhead, 10 PSI; tubing, 0 PSI. Lay relief lines. Blow well down. Note: all valves on wellhead are rusted and 3 had broken stems. ND wellhead. Remove 3.5" x 5.5" swedge. NU 5.5" nipple, 5.5" x 8.625" wellhead and 8.625" companion flange. NU BOP, test. TOH and LD 62 joints 1" tubing. Total tally: 1309'. Note: last joint with collar; pin looking up. Approximately 43 joints left in hole and looks like drilling mud in 1" pipe. SI well. SDFD.
- 10/26/09 Open up well, no pressure. TIH with 36 joints 2.375" tubing and 4.688" oversocket. Felt like tag at 1123'. TOH pulling 3,000# over. Not dragging after 5', no fish. TIH with tubing, 4.688" oversocket and bumper sub and find tag at 1112'. Tool dragging 4,000# over. TOH with tubing. Last 12 joints filled with drilling mud. Bumper sub plugged with formation, no fish. Wait on orders. Matt Gastgeb, COPC representative, approved procedure change to attempt fish with smaller tool. TIH with 42 joints 2.375" tubing and 4.125" overshot with 1.25" grapple. Tight spots took 2,000# of string weight but passed, took 3,000# at 1339'. Pulled up to 15,000# over. TOH with tubing and LD tools. TOH with 37 joints 1" tubing, 20 joints cork screwed. Recovered 781' of 1" tubing. Last joint out had box with broken off pin. TIH with 68 joints 2.375" tubing, 4.125" overshot with 1.25" grapple, bumper sub. Took 3,000# at 2124'. Had 1,000# over string weight when pulling up. TOH with tubing and LD tools, no fish. SI well. SDFD.
- 10/27/09 Open up well, no pressure. Slight blow on bradenhead when opened. TIH with tubing, 4.125" overshot with 1.25" grapple and bumper sub. Felt tag at 1120'. PU power swivel. RU pump and circulate lines to mud pit. Load hole with 20 bbls of water and establish circulation out the casing valve. Bradenhead blowing, 50 PSI. Circulate heavy drilling mud and formation. Ream down to 1145'. Circulate hole 45 minutes. Open bradenhead to pit. LD power swivel. TIH with tubing to 2114'. RU power swivel. Establish circulation out casing valve for 2 minutes. Bradenhead started flowing 100% returns. SI bradenhead and circulate out casing for 30 minutes. Heavy drilling mud and formation in returns. Circulate down to 2124'. Solid tag took 6,000#. PU 2 more times with no pull over. Stop pumping. Set down 6,000#. Pulled 15,000# to pull off bottom. Hang back power swivel. TOH and LD overshot, no fish. TIH with 4.688" overshot, bumper sub and tubing to 2114'. RU power swivel. Establish circulation out casing. Rotate and work pipe down to 2173'. Taking weight and swivel torqueing. PU 3,000# over. Circulate hole 10 minutes. Hang back power swivel. TOH and LD tubing and tools. Retrieved 2 joints 1" tubing, 42'; 2132' of 1" tubing recovered from well. Coupling looking up in well. SI well. SDFD.
- 10/28/09 Check well pressures: casing, 0 PSI; bradenhead, 50 PSI; no tubing in well. Blow well down. TIH with tubing, 4.688" overshot and bumper sub to 2146'. RU power swivel to tubing. SI bradenhead. Establish circulation out casing valve. RIH and find tag at 2163'. Circulate down to 2179'. Circulate hole for 15 minutes. Hang back power swivel. TOH and LD tubing and fishing tools, no fish. Break down and load fishing tools. RU Blue Jet wireline. Run CBL from 2150' to 0, found TOC at 1398' in annulus and holes in casing at 1120'. Matt Gastgeb, COPC representative, approved procedure change to set CIBP at 2122'. Round trip 5.5" gauge ring to 2150'. TIH and set 5.5" CIBP at 2118'. SI well. SDFD.

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Plugging Summary - Continued:

10/29/09 Check well pressures: casing, 0 PSI; bradenhead, 40 PSI; no tubing in well. TIH with plugging sub and tag CIBP at 2118'. Load hole with 10 bbls of water. Pressure test casing and establish rate 2 bpm at 100 PSI.

Plug #1 with CIBP at 2118', mix and pump 25 sxs Class B cement (29.5 cf) with 2% CaCl₂ inside casing above CIBP up to 1898' to cover the Pictured Cliffs top.

TOH with tubing and WOC. TIH and tag cement at 1935'. PUH to 1884'. Load hole with 1-1/2 bbls of water. Attempt to pressure test casing pumped 2 bpm at 100 PSI with bradenhead shut in.

Plug #2 spot 25 sxs Class B cement (29.5 cf) inside casing from 1884' up to 1664' to cover the Fruitland top.

PUH with tubing. SI well. SDFD.

10/30/09 Check well pressures: tubing and casing, 0 PSI; bradenhead, 50 PSI; no tubing in well. TIH and tag TOC at 1710'. LD tubing. Load casing with 5 bbls of water. Open bradenhead and establish circulation out bradenhead valve with 2 bbls of water. TIH with 5.5" DHS cement retainer and set at 1070'. Attempt to pressure test casing above CR to 500 PSI, bled down to 300 PSI in 1 minute. Establish rate below cement retainer 1 bpm at 0 PSI; 100% circulation out bradenhead valve.

Plug #3 with cement retainer at 1070', mix and pump 209 sxs Class B cement (246.62 cf), squeeze 167 sxs below cement retainer and leave 42 sxs inside casing above the cement retainer up to 700' to cover the Kirtland and Ojo Alamo tops.

TOH and LD all tubing. WOC. Larry Pixley, BLM representative, approved procedure change not to require tag on Plug #3. Perforate 3 holes at 150'. Establish rate into squeeze holes 2 bpm at 100 PSI.

Plug #4 mix and pump 106 sxs Class B cement (125.08 cf) down 5.5" from 150' to surface, circulate good cement out the bradenhead valve.

SI well. SDFD.

10/30/09 Open up well, no pressure. TIH and tag cement at 12'. ND BOP and companion flange. Dig out wellhead. Issue Hot Work Permit. Monitor well. Cut off wellhead. Found cement down 12' in 5.5" casing and at surface in the annulus.

Install P&A marker with 10 sxs Class B cement.

Remove LO/TO. RD and MOL.

Jimmy Morris, MVCI representative, was on location.

J. Deeze, Weatherford representative, was on location 10/26/09 – 10/28/09.

Larry Pixley, BLM representative, was on location.