

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

RECEIVED

JUL 27 2009

Sundry Notices and Reports on Wells

Bureau of Land Management
Farmington Field Office1. Type of Well
GAS2. Name of Operator
CONOCOPHILLIPS COMPANY

3. Address & Phone No. of Operator

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

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

Surf: Unit P (SESE), 870' FSL & 930' FEL, Section 21, T27N, R7W, NMPM

5. Lease Number
SF-0786406. If Indian, All. or
Tribe Name7. Unit Agreement Name
San Juan 28-7 Unit8. Well Name & Number
San Juan 28-7 Unit 174

9. API Well No.

30-039-20698

10. Field and Pool

11. So. Blanco PC/Otero CH
County and State
Rio Arriba Co., NM

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

Type of Submission

Type of Action

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

13. Describe Proposed or Completed Operations

Attached is a summary of the work performed to P&A the subject well. 7/8/09

RCVD JUL 29 '09

OIL CONS. DIV.

DIST. 3

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

Signed

Kelly Jeffery Title

Regulatory Technician

Date

7-24-09

(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

JUL 28 2009

FARMINGTON FIELD OFFICE

TV

Jm

NMOC

BD

FL

A-PLUS WELL SERVICE, INC.

P.O. BOX 1979
Farmington, New Mexico 87499
505-325-2627 * fax: 505-325-1211

FILE
well file

ConocoPhillips Company
San Juan 28-7 Unit #174

July 10, 2009
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870' FSL & 930' FEL, Section 21, T-27-N, R-7-W
Rio Arriba Country, NM
Lease Number: SF-078640
API#30-039-20698

Plug and Abandonment Report

Notified BLM and NMOCD on 6/25/09

Plugging Summary:

06/25/09 MOL and RU. LO/TO equipment on location. SDFD.

06/29/09 Check well pressures: CH casing, 0 PSI; PC casing, 50 PSI; and bradenhead, 0 PSI. Blow well down. Round trip 2.25" gauge ring in PC casing to 3092'. Round trip 2.25" gauge ring in CH casing to 3880'. RIH and set 2.875" PlugWell wireline CIBP in CH casing at 3868'. POH. RIH and set 2.875" PlugWell wireline CIBP in PC casing at 2890'. POH. ND master valve on CH casing. NU 2.875" head and BOP. Function test BOP. Tally and PU 1.25" IJ 2.3# tubing; tag CH casing CIBP at 3868'. SI well. SDFD.

06/30/09 Open up well: no pressures. Load CH casing with 20 bbls of water. Attempt to pressure test CH casing; leak 1.25 bpm at 500 PSI.

CH Plug #1 with CIBP at 3868', spot 10 sxs Class B cement (11.8 cf) inside casing from 3868' to 3505' to cover the Chacra perforations and top.

Mike Gilbreath, BLM representative, required WOC. TIH and tag cement at 3688'. PUH to 2997'. Load casing with 16 bbls of water. Attempt to pressure test casing; leak 1.5 bpm at 750 PSI.

CH Plug #2 spot 30 sxs Class B cement (35.4 cf) inside casing from 2997' to 1908' to cover the Pictured Cliffs, Fruitland, Kirtland and Ojo Alamo tops. PUH to 1303'. SI well. SDFD.

07/01/09 Check well pressures: PC, casing 5 PSI; CH casing, tubing and bradenhead, 0 PSI. Open up well. TIH and tag cement low at 2280'. Attempt to pressure test casing; leak 1.5 bpm at 700 PSI.

CH Plug #2a spot 19 sxs Class B cement (22.4 cf) with 2% CaCl₂ inside casing from 2280' to 1590' to cover the Kirtland and Ojo Alamo tops.

PUH with tubing to 912'. Mike Gilbreath, BLM representative, required WOC. TIH and tag cement at 1616'. PUH to 912'. Load casing with 6 bbls of water. Attempt to pressure test casing; leak 1.5 bpm at 500 PSI.

CH Plug #3 mix and pump 67 sxs Class B cement (79 cf) from 912' to surface to cover the Nacimiento top and surface casing shoe, circulate good cement returns out casing valve.

TOH and LD tubing. SI well. SDFD.

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San Juan 28-7 Unit #174

July 10, 2009
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Plugging Summary - Continued:

- 07/02/09 Check well pressures: CH casing and bradenhead on a vacuum; PC casing, 10 PSI. PU tubing and tag cement at 210'. Load the hole with 1 bbl of water. Pressure test CH casing to 700 PSI for 10 minutes.
CH Plug #3a mix and pump 14 sxs Class B cement (16.5 cf) inside casing from 210' to surface with good cement returns out casing valve.
TOH and LD tubing.
ND BOP and 2.875" head on CH casing. NU 2.875" head and BOP on PC casing.
Function test BOP. TIH with 1.25" tubing and tag CIBP at 2890' in PC casing. Load casing with 1.5 bbls of water. Circulate clean with additional 16.5 bbls of water.
Attempt to pressure test PC casing, leak 1 bpm at 600 PSI.
PC Plug #1 with CIBP at 2890', spot 27 sxs Class B cement (31.8 cf) with 2% CaCl₂ inside casing from 2890' to 1910' to isolate the Pictured Cliffs interval and cover the Fruitland, Kirtland and Ojo Alamo tops.
PUH to 1261'. Mike Gilbreath, BLM representative, required WOC. TIH and tag cement low at 2102'. Attempt to pressure test casing, leak ¾ bpm at 600 PSI.
PC Plug #1a spot 14 sxs Class B cement (16.5 cf) inside casing from 2102' to 1594' to cover the Ojo Alamo top.
PUH to 864'. SI well. SDFD.
- 07/06/09 Open up well; no pressures. TIH and tag cement at 1896'. Load the hole with 2 bbls of water. Attempt to pressure test casing; leak ¾ bpm at 600 PSI. TOH with tubing. Perforate 3 bi-wire squeeze holes at 887'. TIH and set 2.875" PlugWell wireline cement retainer at 851'. TIH with tubing and sting into at 851'. Load the hole with 2-1/2 bbls of water. Attempt to pressure test casing; leak ¾ bpm at 600 PSI. Establish rate into squeeze holes ½ bpm at 1000 PSI.
PC Plug #2 with CR at 851', mix and pump 61 sxs Class B cement (71.9 cf), squeeze 57 sxs below CR and outside 2.875" casing and leave 4 sxs above CR up to 706' to cover the Nacimiento top.
TOH and LD all tubing. Mike Gilbreath, BLM representative, required WOC. Load the hole with 2-1/2 bbls of water. Attempt to pressure test casing, leak ¾ bpm at 600 PSI. RIH with wireline to CR at 851'; did not tag cement. TOH. SI well. SDFD.
- 07/07/09 Open up well; no pressures. TIH and tag cement at 730'. Load casing with 2.5 bbls of water. Attempt to pressure test casing, leak ¾ bpm at 600 PSI. Perforate 3 bi-wire squeeze holes at 175'. Establish circulation out bradenhead with 11 bbls of water.
PC Plug #3 mix and pump 75 sxs Class B cement (88.5) down 2.875" PC casing from 175' to surface, circulate good cement out bradenhead valve.
SI well. Mike Gilbreath, BLM representative, requested WOC. TIH with tubing to 228'; did not tag cement or cement was not set up. TOH and LD tubing. Mike Gilbreath, BLM representative, requested WOC. Load casing and establish circulation out bradenhead with 3 bbls of water; circulate good cement out the bradenhead.

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ConocoPhillips Company

San Juan 28-7 Unit #174

July 10, 2009

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Plugging Summary - Continued:

07/07/09 **PC Plug #3a** mix and pump 21 sxs Class B cement (24.7) with 2% CaCl_2 down 2.875" PC casing from 175'; squeeze 16 sxs outside casing at 1000 PSI and leave 5 sxs inside casing to surface.

SI well. SDFD.

07/08/09 Open up well; no pressures. TIH and tag cement at 163'. Note: Did not pressure test. Did not want to put water in casing. Will top off PC casing with cement when installing P&A marker. Mike Gilbreath, BLM representative, approved procedure change. ND BOP and 2.875" head. Dig out wellhead. Issue Hot Work Permit. Monitor well. Cut off wellhead. Found CH casing and bradenhead cement at surface. Mix and pump 24 sxs Class B cement, top off PC casing with 5 sxs and install P&A marker with 19 sxs. RD rig and equipment. MOL.

Jimmy Morris, MVCI representative, was on location.

Mike Gilbreath, BLM representative, was on location.

Kelly Kolb, hCOP representative, visited location 6/30/09.

Andy Ortiz, hCOP representative, visited location 7/6/09.

PLUS WELL SERVICE, INC.

P.O. BOX 1979
FARMINGTON, NM 87499
505-325-2627 • FAX: 505-325-1211

PLUGGING CONTROL WORKSHEET

Company: COP

Start Work: 6-25-09

Well Name: S-J 28-7 # 174

Job Complete: 7-8-09

Purpose: To compare Proposed Plugging Plan (Sundry Procedure) To Actual Work
Complete For Each Plug Set:

Date and Time Plug Set: 6-30-09 @ 8:15 Am Initials: R.W.

Sundry Procedure:

Plug # 1

From: 3868 To: 3768'
With: 10 sxs cement
Perforate: NO No or at _____
CIBP: YES No or at 3868'
Cement Rt: NO No or at _____

Actual Work Done:

Plug # 1

From: 3868 To: 3505'
With: 10 sxs cement
Perforate at: NO (____ holes)
CIBP set at: 3868'
Cement Rt set at: NO; ____ sxs Under
____ sxs Above; ____ sxs Into Annulus

Does Procedure and Actual Agree? ☒ Yes ☐ No

If No, Why Changes? _____

Changes Approved By (Include Time and Date): _____

Date and Time Plug Set: 6-30-09 @ 11:30 Am Initials: R.W.

Sundry Procedure:

Plug # 2

From: 2990' To: 1992'
With: 27 sxs cement
Perforate: NO No or at _____
CIBP: NO No or at _____
Cement Rt: NO No or at _____

Actual Work Done:

Plug # 2

From: 2997 To: 1908'
With: 30 sxs cement
Perforate at: NO (____ holes)
CIBP set at: NO
Cement Rt set at: NO; ____ sxs Under
____ sxs Above; ____ sxs Into Annulus

Does Procedure and Actual Agree? ☒ Yes ☐ No

If No, Why Changes? _____

Changes Approved By (Include Time and Date): _____

Date and Time Plug Set: 7-1-09 @ 2:00 Pm Initials: R.W.

Sundry Procedure:

Plug # 3

From: 887 To: SURF
With: 25 sxs cement
Perforate: NO No or at _____
CIBP: NO No or at _____
Cement Rt: NO No or at _____

Actual Work Done:

Plug # 3

From: 912 To: SURF
With: 67 sxs cement
Perforate at: NO (____ holes)
CIBP set at: NO
Cement Rt set at: NO; ____ sxs Under
____ sxs Above; ____ sxs Into Annulus

Does Procedure and Actual Agree? ☒ Yes ☐ No

If No, Why Changes? _____

Changes Approved By (Include Time and Date): _____

PLUS WELL SERVICE, INC.

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PLUGGING CONTROL WORKSHEET

Company: COP

Start Work: 6-25-09

Well Name: S-J 28-7 #174

Job Complete: 7-8-09

Purpose: To compare Proposed Plugging Plan (Sundry Procedure) To Actual Work
Complete For Each Plug Set:

Date and Time Plug Set: 7-2-09 @ Initials: R.W.

Sundry Procedure:

Plug # #1-P-C
From: 2890' To: 1992
With: 27 sxs cement
Perforate: No No or at _____
CIBP: Yes No or at 2890'
Cement Rt: No No or at _____

Actual Work Done:

Plug # #1-P-C
From: 2890' To: 1910'
With: 27 sxs cement
Perforate at: No (____ holes)
CIBP set at: 2890'
Cement Rt set at: No; ____ sxs Under
____ sxs Above; ____ sxs Into Annulus

Does Procedure and Actual Agree? ☒ Yes ☐ No

If No, Why Changes? _____

Changes Approved By (Include Time and Date): _____

Date and Time Plug Set: 7-6-09 @ 11:15 PM Initials: R.W.

Sundry Procedure:

Plug # #2-P-C
From: 887' To: 787'
With: 61 sxs cement
Perforate: Yes No or at _____
CIBP: No No or at _____
Cement Rt: Yes No or at _____

Actual Work Done:

Plug # #2-P-C
From: 887' To: 706'
With: 61 sxs cement
Perforate at: 887' (3 holes) 1 1/16 Bore
CIBP set at: No
Cement Rt set at: 851; 57 sxs Under
4 sxs Above; 56 sxs Into Annulus

Does Procedure and Actual Agree? ☒ Yes ☐ No

If No, Why Changes? _____

Changes Approved By (Include Time and Date): _____

Date and Time Plug Set: 7-7-09 @ 8:44 AM Initials: R.W.

Sundry Procedure:

Plug # #3-P-C
From: 175' To: Surf
With: 75 sxs cement
Perforate: Yes No or at 175'
CIBP: No No or at _____
Cement Rt: No No or at _____

Actual Work Done:

Plug # #3-P-C
From: 175' To: Surf
With: 75 sxs cement
Perforate at: 175' (3 holes) 1 1/16 Bore
CIBP set at: No
Cement Rt set at: No; ____ sxs Under
____ sxs Above; ____ sxs Into Annulus

Does Procedure and Actual Agree? ☒ Yes ☐ No

If No, Why Changes? _____

Changes Approved By (Include Time and Date): _____
