

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Sundry Notices and Reports on Wells

1. Type of Well
GAS

2. Name of Operator
ConocoPhillips

3. Address & Phone No. of Operator
PO Box 4289, Farmington, NM 87499 (505) 326-9700

4. Location of Well, Footage, Sec., T, R, M
Sec., T—N, R—W, NMPM

Unit N (SESW), 850' FSL & 1840' FWL, Sec. 33, T31N, R6W NMPM

5. Lease Number
NMSF-078999
6. If Indian, All. or
Tribe Name
7. Unit Agreement Name
San Juan 31-6 Unit
8. Well Name & Number
San Juan 31-6 Unit 16
9. API Well No.
30-039-07928
10. Field and Pool
Blanco Mesaverde
11. County and State
Rio Arriba, NM

RECEIVED

OCT 12 2007

Bureau of Land Management
Farmington Field Office

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 9-25-07
☐ Recompletion
☐ Plugging
☐ Casing Repair
☐ Altering Casing
☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-off
☐ Conversion to Injection

☐ Other : Commingle

13. Describe Proposed or Completed Operations

Conocophillips P&A'd the following well according to the attached subsequent report.

RCVD OCT 19 '07
OIL CONS. DIV.

DIST. 3

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

Signed Philana Thompson Title Regulatory Technician Date 10/11/07

(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

OCT 17 2007

FARMINGTON FIELD OFFICE

NMOC

A-PLUS WELL SERVICE, INC.

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

FILE

well file

ConocoPhillips
San Juan 31-6 #16

September 27, 2007
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850' FSL & 1840' FWL, Section 33, T-31-N, R-6-W
Rio Arriba County, NM
Lease Number: NMSF-078999
API #30-039-07928

Plug & Abandonment Report

Notified BLM / NMOCD

Plugging Summary:

- 9/14/07 MOL. RU rig. Check well pressures: tubing, 620 PSI; casing, 700 PSI; bradenhead, 0 PSI. Lay blow down lines. SDFD.
- 9/17/07 Check well pressures: tubing, 620 PSI; casing, 700 PSI; bradenhead, 0 PSI. Blow down tubing. Note: no piston or spring in well. Blow down casing. Kill well with 40 bbls of water. ND wellhead. NU 9" BOP. Unland well and remove hanger. Strip on 9" x 7.063" spool and stripping head and NU. TOH with 185 joints 2.375" EUE J-55 tubing, 2.375" female nipple, muleshoe collar, total tally 5804'. Shut in well. SDFD.
- 9/18/07 Check well pressures: casing, 220 PSI; bradenhead, 0 PSI. Blow well down. Kill well with 40 bbls of water. PU plugging sub and TIH with 62 joints 2.375" EUE tubing; tag cement at 7740'. Load hole with 60 bbls of water.
Plug #1 spot 24 sxs Type III cement (32 cf) inside casing from 7740' up to 7559' to cover the 7" casing shoe and 5" liner top.
PUH with tubing. WOC. TIH with tubing and tag cement at 7346'. PUH to 6870'. Load hole with 40 bbls fresh water.
Plug #2 spot 26 sxs Type III cement (34 cf) inside casing from 6870' up to 6715' to cover the Gallup top.
PUH with tubing. Shut in well. SDFD.
- 9/19/07 Check well pressures: casing, 32 PSI; bradenhead and tubing; 0 PSI. Blow well down. TIH with tubing and tag cement at 6525'. PUH to 5396'. Procedure change approved by John McKinney, BLM representative. RIH with 7" gauge ring to 5400'. TIH with 7" PlugWell CIBP and set at 5390'. TIH with tubing and 10' - 2.375" pup joint and tag CIBP at 5390'. Load hole with 230 bbls of water. Circulate well clean with total of 252 bbls of water. Attempt to pressure test casing, lost 100 PSI in 3 minutes.
Plug #3 with CIBP at 5390', mix and pump 26 sxs Type III cement (34 cf) inside casing from 5390' up to 5235' to cover the Mesaverde top.
PUH with tubing. Shut in well. SDFD.
- 9/20/07 Open well, no pressure. TIH with tubing and tag cement at 5255'. PUH to 4264'. Load hole with 8.5 bbls of water. Attempt to pressure test casing to 500 PSI, bled down to 200 PSI in 5 minutes.
Plug #4 spot 29 sxs Type III cement (39 cf) with 2% CaCl₂ inside casing from 4264' up to 4091' to cover the Chacra top.
PUH and WOC. TIH and tag cement at 4122'. PUH to 3637'. Load hole with 4.5 bbls water. Attempt to pressure test casing to 500 PSI, bled down to 200 PSI in 5 minutes.

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Work Summary – Continued:

- 9/20/07 **Plug #5** spot 115 sxs Type III cement (152 cf) inside casing from 3637' up to 2950' to cover the Pictured Cliffs and Fruitland tops. PUH to 2320'. Shut in well. SDFD.
- 9/21/07 Open well, no pressure. TIH with tubing and tag cement at 3002'. PUH to 2665'. Load hole with 5 bbls of water. Attempt to pressure test casing to 500 PSI, bled down to 200 PSI in 5 minutes.
Plug #6 spot 56 sxs Type III cement (74 cf) with 2% CaCl₂ inside casing from 2665' up to 2330' to cover the Kirtland and Ojo Alamo tops. PUH with tubing. WOC. TIH and tag cement at 2338'. PUH to 2069'. Load hole with 3 bbls of water. Attempt to pressure test casing to 500 PSI, bled down to 200 PSI in 5 minutes.
Plug #7 spot 50 sxs Type III cement (66 cf) inside casing from 2069' up to 1883' to cover the 7" casing stub. PUH with tubing. WOC overnight. SDFD.
- 9/24/07 Open well, no pressure. TIH with tubing and tag cement at 1891'. Load hole with 6 bbls of water. Pressure test casing to 800 PSI, held OK for 5 minutes. RIH with 7.875" gauge ring. Unable to pass through B-section where tubing hanger sets. Hanger calipers at 7.625" and 9.625" CR is 8.0". Steve Mason, BLM, approved squeeze job without CR. Perforate 3 holes at 1220'. Establish rate into squeeze holes at 1bpm at 900 PSI. Load hole with 2 bbls water.
Plug #8 spot 121 sxs Type III cement (160 cf) with 2% CaCl₂ inside casing from 1290' up to 1035' to cover the Nacimiento top. PUH to 444'. Load hole with 2.4 bbls of water, shut in casing and squeeze 8.75 bbls (37 sxs) outside 9.625" casing; locked up. WOC. Release 500 PSI, had 1/2 bbl flow back. TOH and LD tubing. RIH with wireline and tag cement to 1041'. Perforate 3 holes at 388'. Attempt to establish rate into squeeze holes, pressured up to 1250 PSI in 1/2 bbl. Pump 1/4 bbl and pressured up to 1000 PSI. John Cox, BLM representative, approved to procedure change to perforate at 50'. Perforate 3 holes at 50'. Establish rate 2 bpm at 850 PSI. No circulation out bradenhead. RIH with tubing to 438'. Load hole with 1 bbl of water.
Plug #9 with 150 sxs Type III cement (198 cf) inside 9.625" casing from 438' to surface to isolate and cover 13.325" casing shoe; mix and pump 84 sxs Type III cement (111cf) from 338' to 50' to cover the 9.625" x 13.325". TOH and LD tubing. Shut in well. SDFD.
- 9/25/07 Open well, no pressure. ND BOP. Dig out wellhead. Issue Hot Work Permit. Cut off wellhead. Found cement 2' down in the casing and 12' down in the annulus. Mix 20 sxs Type III cement and install P&A marker. RD. MOL.

Jimmy Morris, MVCI representative, was on location.
John McKinney, BLM representative, was on location.