

**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 J (NWSE), 1650' FSL & 1650' FEL, Sec. 23, T27N, R8W NMPM

5. **Lease Number**
SF-078478

6. **If Indian, All, or
Tribe Name**

7. **Unit Agreement Name**

8. **Well Name & Number**

9. **Marron WN Federal #1
API Well No.**

10. **Field and Pool**

11. **S. Blanco PC
County and State
San Juan, 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 :

13. Describe Proposed or Completed Operations

Please see the attached subsequent work done by A-Plus. Well now P&A'd 3/21/07



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

Signed Philana Thompson Title Regulatory Tech Date 4/2/07

(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

APR 03 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

ConocoPhillips

Marron WN Federal #1

March 27, 2007

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1650' FSL & 1650' FEL, Section 23, T-27-N, R-8-W

Lease Number: SF-078478

San Juan County, NM

API #30-045-06340

Plug & Abandonment Report

Work Summary:

Notified BLM / NMOCD on 3/16/07

3/15/07 Move rig and equipment to location. SDFD.

3/16/07 Check well pressure: tubing, 65 PSI; casing, 130 PSI; bradenhead, 0 PSI. Bleed down tubing. Well has strong water flow out of casing. ND wellhead. Pull donut. Work tubing; release packer. NU BOP, test. TOH with 72 joints 2.375" tubing and on/off tool. No packer. Procedure change to set plug above packer approved by Kevin Schneider with BLM. Bucket test water flow from casing; 10 gpm. TIH with 72 joints tubing to packer. **Plug #1** spot 63 sxs Type III cement (84 cf) inside casing from 2100' up to 1725' to cover the Pictured Cliffs open hole interval and Fruitland top. TOH with tubing. Shut in well. SDFD.

3/16/07 Check well pressure: casing, 20 PSI; bradenhead, 0 PSI. PU 7" casing scraper and attempt to RIH. Determine the well has a 5.5" tubing head. TIH with open-ended tubing and tag plug #1 at 1928'. TOH with tubing. Well flow a strong 2" stream of water to pit. Remove 5.5" Rector tubing head and 5.5" x 7" swedge. Install 7" nipple and 7" tubing head. Would not make up; wrong threads. ND BOP. Remove wrong 7" nipple; install correct nipple. NU BOP. PU 7" casing scraper and TIH. Ran scraper to 1200' and shut in well. Pit full. Wait on water truck. Pull waste fluid. Round trip casing scraper to 1900'. TIH with tubing to 1925'. Attempt to test casing, leak 1-1/2 bpm at 200 PSI. **Plug #1a** spot 26 sxs Type III cement (35 cf) inside casing from 1925' up to 1775' to cover the Fruitland top.

3/20/07 Open up well, no pressure. TIH and tag cement at 1823'. PU Knight Oil 7" packer. RIH with tubing to 800'. Packer stuck in casing; pull packer free at 35000#. Set packer at 770'. Pressure test 7" casing above packer to 500 PSI, held OK for 10 minutes. Establish rate 2 bpm at 200 PSI below packer. Release packer and TOH. Perforate 3 holes at 1515'. RIH with 7" DHS CR and set at 1487'. Pressure test tubing to 1500 PSI, held OK for 10 minutes. Sting out of CR. Attempt to pressure test casing to 500 PSI, bled down to 0 PSI in 2 seconds. Sting into CR; it moved down hole 2'. Establish rate 2 bpm at 500 PSI below the CR with no water flow out the casing. Determine the strong water flow is coming from between 1823' and 1487'. **Plug #2** with CR at 1487', mix and pump 138 sxs Type III cement (182 cf), squeeze 100 sxs below the CR and outside the casing at 1200 PSI; sting out of CR and leave 38 sxs inside casing above the CR from 1487' up to 1260' to cover the Kirtland and Ojo Alamo tops. PUH to 1260'. TOH and LD setting tool. No water flow. Plug #2 approved by Virgil Lucero, BLM representative. Shut in well. SDFD.

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Work Summary – Continued:

3/21/07 Open well, no pressure. RIH and tag cement at 500' (Unable to determine why TOC was this high. Reviewed plug #2 with R. Stanfield and decided to do the following) Virgil Lucero with BLM approved the following changes. LD tubing out of derrick. RIH and tag cement at 490'. Perforate 3 holes at 480'. Establish circulation through squeeze holes 1 bpm at 600 PSI. TIH with 7" PlugWell CR and set at 450'. TIH and sting into CR at 450'. Establish rate 1 bpm at 600 PSI below CR. Pump 10 bbls of water below the CR with no circulation out bradenhead.

Plug #3 with CR at 450', mix and pump 42 sxs Type III cement (56 cf), squeeze 22 sxs below the CR at 1200 PSI and leave 20 sxs inside casing from 450' up to 330' to additionally cover the Ojo Alamo top.

TOH and LD all tubing. Connect pump hose to bradenhead. Load BH annulus with $\frac{3}{4}$ bbl of water. Calculate TOC in BH annulus at 24'. Attempt to pressure test BH annulus to 300 PSI, bled down to 0 PSI in 5 minutes. Perforate 3 holes at 277'. Connect pump hose to casing. Establish circulation out bradenhead at 1 bpm at 800 PSI. Pump 10 bbls of water and the injection rate came down to 1 bpm at 250 PSI.

Plug #4 total of 127 sxs Type III cement (168 cf): 1st mix and pump down the 7" casing from 277' to surface; 2nd after pumping 87 sxs lost circulation out bradenhead; 3rd pumped last 40 sxs with partial circulation, no cement circulated to surface. ND BOP. Dig out and cut off wellhead. Found cement at surface in the 7" casing and down 8' in the annulus.

Mix 20 sxs Type III cement and install P&A marker.

RD and MOL.

J. Wright, MVCI representative, was on location.

J. Morris, MVCI representative, was on location.

V. Lucero, BLM representative, was on location.