

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

RECEIVED

AUG 01 2016

FORM APPROVED  
OMB No. 1004-0137  
Expires: July 31, 2010

Farmington Field Office  
Bureau of Land Management

5. Lease Serial No. **NM-020982**

6. If Indian, Allottee or Tribe Name

**SUNDRY NOTICES AND REPORTS ON WELLS**  
**Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.**

**SUBMIT IN TRIPLICATE - Other instructions on page 2.**

1. Type of Well

☐ Oil Well

☒ Gas Well

☐ Other

2. Name of Operator

**ConocoPhillips Company**

3a. Address

**PO Box 4289, Farmington, NM 87499**

3b. Phone No. (include area code)

**(505) 326-9700**

7. If Unit of CA/Agreement, Name and/or No.

8. Well Name and No.

**Redfern 5**

9. API Well No.

**30-045-07554**

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

**Unit N (SESW), 815' FSL & 1550' FWL, Sec. 10, T28N, R11W**

10. Field and Pool or Exploratory Area

**Basin Dakota**

11. Country or Parish, State

**San Juan, New Mexico**

**12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input checked="" type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 must be filed once Testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.)

7/25/2016 Contacted BLM (onsite) & OCD (Brandon Powell) of request to change Plug #2 to inside plug. Verbal approval received.

7/26/2016 Contacted BLM (onsite) & OCD (Brandon Powell) of request to perf @ 1220' for plug #7 and bring top to 1120'. Verbal approval received.

7/27/2016 Contacted BLM (Jack Salvage) & OCD (Brandon Powell) of request to change FC plug from 1380' - 827' to inside balance plug. Verbal approval received.

7/28/2016 Contacted BLM (Jack Salvage) & OCD (Brandon Powell) of BH pressure after surface plug pumped. Requested to leave wellhead on and conduct 24 hour BH shut-in tests weekly for 30 days. Verbal approval received.

ACCEPTED FOR RECORD

Approved as to plugging of the well bore liability under bond is retained until surface restoration is completed.

The subject well was P&A'd on 7/28/2016 per the above approvals and the attached report.

FARMINGTON FIELD OFFICE  
BY: 

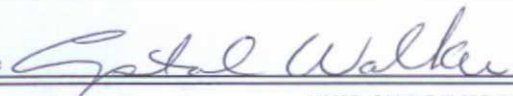
14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed)

**Crystal Walker**

Title

**Regulatory Coordinator**

Signature



Date

**8/1/2016**

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instruction on page 2)

NMOCD 





# **A-PLUS WELL SERVICE, INC.**

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

Conoco Phillips  
**Redfern #5**

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815' FSL and 1550' FWL, Section 10, T-28-N, R-11-W  
San Juan County, NM  
Lease Number: NM-020982  
API #30-045-07554

## **Plug and Abandonment Report** Notified NMOCD and BLM on 7/21/16

### **Plug and Abandonment Summary:**

- Plug #1** with CR at 5918' spot 12 sxs (14.16 cf) Class B cement from 5918' to 5760' to cover the Dakota top.
- Plug #2** with 12 sxs (14.16 cf) Class B cement from 5158' to 5000' to cover the Gallup top.
- Plug #3** with squeeze holes at 4280' and CR at 4232' spot 51 sxs (60.18 cf) Class B cement from 4280' to 4127' with 39 sxs in annulus, 4 sxs below CR and 8 sxs above CR to cover the Mancos top.
- Plug #4** with squeeze holes at 3150' and CR at 3102' spot 51 sxs (60.18 cf) Class B cement from 3150' to 2997' with 39 sxs in annulus, 4 sxs below CR and 8 sxs above CR to cover the Mesaverde top.
- Plug #5** with squeeze holes at 2530' and CR at 2486' spot 51 sxs (60.18 cf) Class B cement from 2530' to 2381' with 39 sxs in annulus, 4 sxs below CR and 8 sxs above CR to cover the Chacra top.
- Plug #6** with 12 sxs (14.16 cf) Class B cement from 1570' to 141' to cover the Pictured Cliffs top.
- Plug #7** with squeeze holes at 1220' spot 42 sxs (49.56 cf) Class B cement with 2% CaCl from 1380' to 827' to cover the Fruitland top. Tag TOC at 890'.
- Plug #8** with squeeze holes at 671' and 621' spot 228 sxs (269.04 cf) Class B cement from 721' to surface with 55 sxs in 4-1/2" casing and 173 sxs in annulus to cover the Kirtland, Ojo Alamo and surface top.

Note: let well vent.

### **Plugging Work Details:**

- 7/22/16 Rode rig and equipment to location. Spot in and RU. Bump test H2S equipment. Check well pressures: tubing 4 PSI, casing 210 PSI and bradenhead 80 PSI. RD tubing elevators. RU rod equipment. TOH and LD 163 3/4" rods, 79 5/8" rods, 2 K-bars, 8' guided pony and rod pump. RD rod equipment. Blow well down, bradenhead blew down immediately. ND wellhead. NU kill spool and BOP. Pressure test 2-3/8" rams to 1000 PSI, OK. Pull tubing hanger and install stripping rubber. SI well. SDFD.
- 7/25/16 Bump test H2S equipment. Check well pressures: tubing 0 PSI, casing 40 PSI and bradenhead 50 PSI. Function test BOP. TOH and tally 94 stds, 4 jnts, 5' sub, 1 jnt, FN, MA, bull plug, 2-3/8" EUE tubing, total tally 195 jnts, EOT at 6129'. RU A-Plus wireline. RIH with 4-1/2" GR to 5940'. POH. PU 4-1/2" Select CR and set at 5918'. Pressure test tubing to 1000 PSI, release and sting out of CR. Establish circulation. Pressure test casing to 800 PSI, OK. RU A-Plus wireline. Ran CBL from 5918' to surface, good cement from 5918' to 5070' and 1710' to 1250'. Establish circulation. Spot plug #1 with calculated TOC at 5760'. Note: Stan Terwilliger, COPC, received approval from BLM and NMOCD to balance plug. Spot plug #2 with calculated TOC at 5000'. SI well. SDFD.

## A-PLUS WELL SERVICE, INC.

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

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Redfern #5

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### Plugging Work Details (continued):

- 7/26/16 Bump test H2S equipment. Check well pressures: tubing and casing 0 PSI, bradenhead 5 PSI. Function test BOP. RU A-Plus wireline. Perforate 3 HSC squeeze holes at 4280'. Establish rate of 2.5 bpm at 900 PSI. PU Select 4-1/2" CR and set at 4232'. Establish rate of 2 bpm at 800 PSI. Spot plug #3 with calculated TOC at 4127'. RU A-Plus wireline. Perforate 3 HSC squeeze holes at 3150'. Establish rate of 2 bpm at 900 PSI. PU 4-1/2" Select CR and set at 3102'. Establish circulation. Establish rate of 2 bpm at 900 PSI. Spot plug #4 with calculated TOC at 2997'. RU A-Plus wireline. Perforate 3 HSC squeeze holes at 2530'. Establish rate of 1 bpm at 1200 PSI. PU 4-1/2" Select CR and set at 2486'. Establish circulation. Establish rate of 1 bpm at 1000 PSI. Spot plugs #5 and #6. SI well. SDFD.
- 7/27/16 Bump test H2S equipment. Check well pressures: no tubing, casing 0 PSI and bradenhead 18 PSI. Function test BOP. Note: Stan Terwilliger, COPC, received approval from BLM and NMOCD on procedure change. RU A-Plus wireline. Perforate 3 HSC squeeze holes at 1220'. POH and hit hub about 100' off. RIH and attempt to locate holes with collar locator, unable to RIH again perforate at 1220'. POH, attempt on both perms to get rate both pressures up to 1400 PSI, no rate. Note: Received approval from NMOCD and BLM to spot balance plug. Establish circulation. Spot plug #7 with calculated TOC at 827'. WOC due to sample. TIH and tag TOC at 890'. RU A-Plus wireline. Perforate 4 HSC squeeze holes at 671'. Attempt to circulate out bradenhead pressure drop on both casing and bradenhead, no circulation approve to perforate. RU A-Plus wireline. Perforate 4 HSC squeeze holes at 621'. Establish circulation. Spot plug #8 with TOC at surface. TOH and LD 23 jnts. SI well with 200 PSI. SDFD.
- 7/28/16 Bump test H2S equipment. Check well pressure: no tubing, casing 0 PSI and bradenhead 5 PSI. Function test BOP. Gas monitor reads 10% LEL on bradenhead. Shut in for an hour. Check bradenhead after 1 hour 10 PSI. Wait on orders. Received orders to let well vent. ND BOP and kill spool. NU wellhead. RD and MOL.
- Paul Wiebe, NMOCD representative, was on location.  
Darrell Priddy, BLM representative, was on location.  
Stan Terwilliger, COPC representative, was on location.