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Form 3160-5  
(August 2007)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FEB 15 2013

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

Farmington Field Office  
Bureau of Land Management

SF-078863

**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 <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		7. If Unit of CA/Agreement, Name and/or No.
2. Name of Operator <b>ConocoPhillips Company</b>		8. Well Name and No. <b>Krause WN Federal 4E</b>
3a. Address <b>PO Box 4289, Farmington, NM 87499</b>	3b. Phone No. (include area code) <b>(505) 326-9700</b>	9. API Well No. <b>30-045-24486</b>
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) <b>Surface    Unit P (SESE), 1025' FSL &amp; 975' FEL, Sec. 33, T28N, R11W</b>		10. Field and Pool or Exploratory Area <b>Basin Dakota</b>
		11. Country or Parish, State <b>San Juan    New Mexico</b>

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 recomplete 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 recompletion 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.)

**1/30/13 Notified Brandon Powell/OCD (A.Jameson/BLM onsite) re CBL showed TOC @ 120'. Plug 7; balance plug inside casing, perf @ 50'. Rec'vd verbal OK.**

**The subject well was P&A'd on 1/31/13 per the notification above and the attached report.**

RCVD FEB 22 '13  
OIL CONS. DIV.  
DIST. 3

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed) <b>Dollie L. Busse</b>		Title <b>Staff Regulatory Technician</b>
Signature <i>Dollie L. Busse</i>		Date <b>2/15/13</b>

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by	Title <b>FARMINGTON FIELD OFFICE</b>	Date <b>FEB 20 2013</b>
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 <b>FY</b>	

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 AV

# A-PLUS WELL SERVICE, INC.

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

Conoco Phillips  
**Krause WN Federal 4E**

January 31, 2013  
Page 1 of 2

1025' FSL and 975' FEL, Section 33, T-28-N, R-11-W  
San Juan County, NM  
Lease Number: SF-078863  
API #30-045-24486

**Plug and Abandonment Report**  
Notified NMOCD and BLM on 1/22/13

## Plug and Abandonment Summary:

- Plug #1** pump 16 sxs (18.88 cf) Class B cement with 2% CaCl inside casing from 5294' to 5084' to cover the Gallup top.
- Plug #2** pump 20 sxs (23.6 cf) Class B cement inside casing from 4417' to 4154' to cover the Mancos top.
- Plug #3** pump 55 sxs (64.9 cf) Class B cement 39 sxs (46.02 cf) in annulus 3 sxs (3.54 cf) below CR 13 sxs (15.34 cf) above CR to cover the Mesaverde top.
- Plug #4** with 52 sxs (61.36 cf) Class B cement 40 sxs (47.2 cf) in annulus 4 sxs (4.72 cf) below CR 8 sxs (9.44 cf) above CR to cover the Chacra top.
- Plug #5** with 13 sxs (15.34 cf) Class B cement inside casing from 1703' to 1532' to cover the Pictured Cliffs top.
- Plug #6** with 13 sxs (15.34 cf) Class B cement inside casing from 1420' to 1249' to cover the Fruitland Coal.
- Plug #7** with 28 sxs (33.04 cf) Class B cement inside casing from 1009' to 640' to cover the Ojo Alamo and Kirtland top.
- Plug #8** with 29 sxs (34.22 cf) Class B cement 25 sxs (29.5 cf) in annulus 4 sxs (4.72 cf) in 4.5" casing from 50' to surface to cover the surface casing shoe.
- Plug #9** with 32 sxs Class B cement found cement in 4.5" casing 5' in annulus and install P&A marker.

## Plugging Work Details:

- 1/24/13 Road rig and equipment to location and RU. Open up well; no pressures. ND wellhead. NU BOP. RU pump to kill load pressure test pipe rams to 300 PSI for 15 minutes, 1500 PSI for 15 minutes, OK. Pull tubing hanger, LD 1 joint tubing full of water. RU pump to casing attempt to reverse pressure up to 1000 PSI. LD 18 joints, TOH and tally 84 stands 2-3/8" tubing. SI well. SDFD.
- 1/25/13 Open up well; no pressures. RU relief lines open well. PU 4' plugging sub and TIH with 84 stands 2-3/8" tubing (168 joints) to 5294'. Establish circulation with 18 bbls pump additional 5 bbls. Spot plug #1 with estimated TOC at 5084'. LD 7 joints TOH with 10 stands. WOC. TIH and tag TOC at 5176'. Establish circulation. Attempt to pressure test to 800 PSI bled down to 600 PSI in 10 minutes. Spot plug #2 with estimated TOC at 4154'. SI well. SDFD.
- 1/28/13 Open up well; no pressures. TIH and tag TOC at 4200'. PU 4.5" string mill TIH with 51 stands. TOH and LD string mill. SI well. SDFD due to muddy roads.

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January 31, 2013  
Page 2 of 2

**Plugging Work Details (continued):**

- 1/29/13 Open up well; no pressures. Perforate 3 HSC holes at 3210'. Pump 4 bbls of water got a pump rate of 1 bpm at 1000 PSI. PU 4.5" DHS CR and TIH with 50 stands (100 joints) 2-3/8" tubing, 2-10' subs and set CR at 3174'. Pressure test tubing to 1000 PSI, OK. Establish circulation rate of 1 bpm at 1000 PSI. Attempt pressure test to 800 PSI bled down to 600 PSI, no test. Spot plug #3 with estimated TOC at 3016'. Ran CBL from 2118' to surface. Good cement from 2118' to 330'. TIH with 10 stands, TOH with 10 stands displacement of water to avoid freeze. SI well. SDFD.
- 1/30/13 Open up well; no pressures. RIH with 3-1/8" HSC and tag TOC at 2929'. Perforate 3 HSC holes at 2612'. Establish a rate of 1 bpm at 1000 PSI. PU 4.5" DHS CR TIH and set CR at 2563'. Establish circulation. Pressure test casing to 800 PSI, OK. Got a rate of 1 bpm at 1000 PSI. Spot plugs #4, #5, #6 and #7. Perforate 3 HSC holes at 50'. Spot plug #8 with estimated TOC at surface. SI well. SDFD.
- 1/31/13 Open up well; no pressures. Dig out wellhead. Fill out Hot Work Permit. Cut off wellhead. Found cement as surface in 4.5" casing and down 5' in annulus. Spot plug #9 and install P&A marker. RD & MOL.

Jim Morris, MVCI representative, was on location.  
Val Jameson, BLM representative, was on location.