

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

RECEIVED**SEP 30 2011**

Sundry Notices and Reports on Wells

Farmington Field Office
Bureau of Land Management1. 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

Unit E (SWNW), 1785' FNL & 880' FWL, Section 28, T28N, R11W, NMPM

5. Lease Number
NMSF-078863
6. If Indian, All. or
Tribe Name
7. Unit Agreement Name8. Well Name & Number
Krause WN Federal 5E9. API Well No.
30-045-2412110. Field and Pool
Basin Dakota11. 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**

The subject well was P&A'd on 8/26/2011 per the attached notifications and the attached report.

**14. I hereby certify that the foregoing is true and correct.**Signed Crystal Tafoya Crystal TafoyaTitle Staff Regulatory Technician Date 9/30/2011

(This space for Federal or State Office use)

APPROVED BY _____ Title _____

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

Date _____
ACCEPTED FOR RECORD**OCT 03 2011****FARMINGTON FIELD OFFICE**
Sr- _____**NMOC**

Krause WN Federal 5E
API# 3004524121
Basin Dakota

8/22/2011 Notified BLM (Joe Ruybalid) & OCD (Brandon Powell) of Perf @ 5351' w/ no circulation or rate. Requested permission to set cmt retainer @ 5294', sting out and set 15sx on CR. WOC & Tag. Verbal approval received.

8/23/2011 Notified BLM (Joe Ruybalid) & OCD (Charlie Perrin) of cmt locked up when Perf @ 4444'. CR @ 4396'. Pressured up to 1200# with no circulation. Requested permission to set inside plug from 4396' – 4186'. Verbal approval received.

8/24/2011 Notified BLM (Joe Ruybalid) & OCD (Brandon Powell) of Perf @ 1486' w/ no circulation. No cmt retainer in hole Requested permission to set 200' bottomless plug. WOC & Tag. Verbal approval received.

8/25/2011 Notified BLM (Joe Ruybalid) & OCD (Brandon Powell) at 9:42am of Perf @ 754' w/ shoe @ 704' and no circulation. BH pressured up. Requested permission to shoot @ shoe & try for circulation. Verbal approval received. Contacted BLM & OCD at 10:19am of Perf @ 531' w/ no circulation. Requested permission to set plug @ 100' & cut off csg. BLM approved. OCD denied and requested CBL. Contacted BLM & OCD (Charlie Perrin & Brandon Powell) at 3:04pm of CBL results showing TOC @ 520'. Requested permission to run inside plug from 800' – 450'. WOC & Tag. Shoot @ 440' & circ to surface & cut csg. BLM approved. OCD changed inside plug from 800' – 550'. WOC & Tag. Perf @ 520' & bring to surface.

8/26/2011 Notified BLM (Joe Ruybalid) & OCD (Brandon Powell) of request to perf @ 440' and pump cmt to surface and cut csg. Verbal approval received.

A-PLUS WELL SERVICE, INC.

P.O. BOX 1979

Farmington, New Mexico 87499

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

ConocoPhillips

Krause WN Federal 5E

August 26, 2011

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1785' FNL and 880' FWL, Section 28, T-28-N, R-11-W

San Juan County, NM

Lease Number: NMSF-078863

API #30-045-24121

Plug and Abandonment Report
Notified NMOCD and BLM on 8/15/11

Plug and Abandonment Summary:

- 8/15/11 Rode rig and equipment to 44 Store. Travel back to yard.
- 8/16/11 Rode rig and equipment to location and spot. SD for repairs.
- 8/17/11 Replace 2 5/16 overhead clevis. Check well pressures: BH 10#, casing 400#, tubing 0. Lay out relief line to pit. Blow well down., Lay out fire hose (300'). Pressure test tubing to 600#. TOH and LD rods and pump. ND wellhead. NU BOP and testablish RU floor handrails. PU on tubing, casing started blowing. SI well. Check well pressures tubing 0, csg 1100#. SDFD.
- 8/18/11 Check well pressures: tubing #10, casing 1200#, BH #10. Start blowing down well, unable to blow down. RU pump to tubing pumped 60bbls fresh. Casing still blowing. Let well sit till casing pressure went down to 0#. Tubing on a vac. TOOH, tally out with 97stands 2 3/8" tubing. LD 9 joints. SI well. SDFD.
- 8/19/11 Check well pressures: casing and BH #10, bled off. Round trip 4 1/2 GR to 6150'. RIH with 4 1/2 wireline CIBP and set at 6139. Load casing with 10 bbls and circulate clean with another 80 bbls, 90 bbls total. SI casing. Attempt to pressure test pump 1/2 BPM at 500# no testablish Open casing.
Plug # 1 with CR at 6139', mix and pump 16 sxs (18.88 cf) Class B cement inside casing from 6039' to 6139' to cover the Dakota top. TOH with tubing. SI well and WOC. SDFD.
- 8/22/11 Check well pressures: casing 0, BH 5#. Attempt pressure test casing, leak 2 BPM at 400#. Tag cement at 5932. Perforate 3 squeeze holes at 5351'. RIH with DHS CR and set at 5294'. Load casing with 1 bbl, sting back into CR. Attempt to establish rate into squeeze holes at 5351'. Pressured up to 1200', bled down to 1000# in about 1 min and held. Sting out load casing with 1/2 bbl.
Plug # 2 with CR at 5301' mix and pump 16sxs (18.88 cf) Class B-cement inside casing from 5251' to 5351' to cover the Gallup tops. TOH with tubing. SI well and WOC. Load casing with 8bbls attempt p/t, same results. RIH with WL and tag cement at 5058'. Perforate 3 squeeze holes at 4444'. PU 1-4 1/2 DHS CR and set at 4396'. Pressure test tubing to 1000#. Load casing with 1 bbl and to attempt pressure test casing, same results. Sting into CR and attempt to establish rate, pressured up to 1200#, no bled off. C. Perrin, NMOCD, approved procedure change.
Plug # 3 with CR at 4394', mix and pump 16 sxs (18.88 cf) Class B cement inside casing from 4396' to 4186' to cover the Mancos tops. TOH with tubing and LD stinger. SI well. SDFD.

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Krause WN Federal 5E

August 26, 2011
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1785' FNL and 880' FWL, Section 28, T-28-N, R-11-W
San Juan County, NM
Lease Number: NMSF-078863
API #30-045-24121

Plug and Abandonment Report Notified NMOCD and BLM on 8/15/11

- 8/23/11 Check pressures: BH 10#. RIH and tag cement at 4258'. Perforate 3 squeeze holes at 3285'. RIH and set 4 ½ DHS at 3220'. Sting out load casing with 1bbls. Attempt p/t to 600#, bled off to 0 in 1 minute. Sting-in establish rate at 1 ½ BPM at 400#.
Plug # 4 with CR at 3235' mix and pump 56 sxs (66.08 cf) with 2% CaCl₂ Class B cement, squeeze 39 sxs below CR and leave 17 sxs inside casing from 3285' to 3062' to cover the Mesaverde tops.
TOH with tubing and LD stinger. SI well and WOC. Pressure test casing to 800#, bled off to 0 in 1 ½ minutes. RIH with tag TOC at 3026'. Perforate 3 squeeze holes at 2680'. PU 4 ½ DHS CR and set at 2631'. Sting out. Load casing with 1 bbl. Attempt to p/t; same leak. Sting in and establish rate into squeeze notes at 1 BPM at 600#.
Plug # 5 with CR at 2630' mix and pump 55 sxs (64.9 cf) Class B, squeeze 39 sxs outside and leave 16 sxs inside casing to 2580' to 2473' to cover the Chacra top.
TOH with tubing. SI well and WOC. SDFD.
- 8/24/11 Check pressures: csg-0, BH 10#. TIH with tubing and tag cement at 2420'. PUH to 1916'. Load casing with 4 bbls. Pressure test casing to 800#.
Plug # 6 mix and pump 27 sxs (31.86 cf) Class B-cement inside casing from 1916' to 1671' to cover the Pictured Cliffs/ Lewis tops.
TOH. Perforate 3 squeeze holes at 1486'. Attempt to establish rate into squeeze holes; pressured up. B. Powell, NMOCD and J. Ruybalid, BLM, approved procedure change.
Plug # 7 mix and pump 21 sxs (24.78 cf) Class B cement from 1544' to 1268' to cover the Fruitland coal top. LD all tubing and the plugging sub, SI well. SDFD.
- 8/25/11 Open up well; no pressures. Pressure test casing to 800#. RIH tag cement at 1315'. Attempt to perforate 3 squeeze holes at 754' 704' 533'. Attempt to establish circulation out BH pressured up to 800-1000 on all 3 tests. Pump 5 bbls H₂O down BH (113') pressured up to 500#. no bled-off on all attempts. RU. RIH CBL from 1309-surface and determine TOC at 480'. TIH with 26 jts EOT 806', SI well. SDFD.
- 8/26/11 Open up well; no pressures.
Plug # 8 mix and pump 27 sxs (24.78 cf) Class B cement with 2% CaCl₂ inside casing from 806' to 450' to cover the Nacimiento, Ojo, Kirtland tops.
TOH with tubing. SI well and WOC. Pressure test casing to 500# held ok. RIH and tag cement 516'. Perforate 3 squeeze holes at 440'. Establish circulation out BH.
Plug # 9 mix and pump 130 sxs (153.4 cf) Class B cement from 440' to surface, circulate good cement out BH. ND BOP. Dig out wellhead. Issue hot work permit. Cut off wellhead. Found cement at surface.
Plug #10 Mix 24 sxs (28.32 cf) Class B cement and install P&A marker. RD and MOL.

Jim Yates, Synergy representative, was on location.
Joe Ruybalid, BLM representative, was on location.