

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

JUL 29 2009

Sundry Notices and Reports on Wells

Bureau of Land Management
Farmington Field Office1. Type of Well
GAS5. Lease Number
NMSF - 078863
6. If Indian, All. or
Tribe Name2. Name of Operator
CONOCOPHILLIPS COMPANY

7. Unit Agreement Name

3. Address & Phone No. of Operator

8. Well Name & Number
Krause WN Federal SE

PO Box 4289, Farmington, NM 87499 (505) 326-9700

9. API Well No.

30-045-24121

4. Location of Well, Footage, Sec., T, R, M

10. Field and Pool

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

11. Basin Dakota
County and State
San Juan Co., NM

12. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OTHER DATA

Type of Submission	Type of Action	Change of Plans	X	Other -	P/B DK water producing zone
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment	<input type="checkbox"/> Change of Plans	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion	<input type="checkbox"/> New Construction	<input type="checkbox"/>	<input type="checkbox"/>	
<input type="checkbox"/> Final Abandonment	<input type="checkbox"/> Plugging	<input type="checkbox"/> Non-Routine Fracturing	<input type="checkbox"/>	<input type="checkbox"/>	
	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Water Shut off	<input type="checkbox"/>	<input type="checkbox"/>	
	<input type="checkbox"/> Altering Casing	<input type="checkbox"/> Conversion to Injection	<input type="checkbox"/>	<input type="checkbox"/>	

RCVD AUG 3 '09
OIL CONS. DIV.
DIST. 3

13. Describe Proposed or Completed Operations

ConocoPhillips wishes to P/B the Burro Canyon w/CIBP, and return the well to production.
Attached is the Procedure & Schematic.

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

Signed Jamie Goodwin Jamie Goodwin Title Regulatory Technician Date 7/29/09

(This space for Federal or State Office use)

APPROVED BY Original Signed: Stephen Mason Title _____ Date JUL 31 2009

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

NMOCD

PB

ConocoPhillips
Krause WN Federal #5E (DK)
Water Shut Off

Lat 36° 38' 8.012" N Long 108° 0' 52.488" W

PROCEDURE:

1. Hold pre-job safety meeting. Comply with all NMOCD, BLM, and COP safety and environmental regulations. Test rig anchors prior to moving in rig.
2. MIRU workover rig. Check casing, tubing, and bradenhead pressures and record them in Wellview.
3. RU blow lines from the casing valves and begin blowing down the casing pressure. Avoid putting water on the well if possible. Kill the well with 2% KCl or produced water, if necessary.
4. Pressure test tubing to 1000 psi before unseating the pump, release pressure.
5. TOOH with rods:
 - 1- 1-1/4" Polished Rod
 - 1- 3/4" Plain Grade "D" Pony Rod
 - 76- 3/4" Plain Grade "D" Sucker Rods
 - 78- 3/4" Plain Grade "D" Guided Rods
 - 90- 3/4" Plain Grade "D" Sucker Rods
 - 1- 3/4" Plain Grade "D" Guided Rod
 - 6- 1-1/4" Sinker Bars
 - 1- 3/4" Shear Tool
 - 1- 3/4" Guided Sub
 - 1- 2"x1-1/4"x10'x14' RHAC-Z BHP
 - 1- 1-1/4" Gas Anchor/Dip Tube

Don't lay down the rod string until the job is complete. We may need to re-install them if we produce too much fluid.

6. ND wellhead and NU BOPE. PU and remove tubing hanger and tag for fill, adding additional joints as needed (tubing currently landed at 6373', PBTD is at 6404'). Record the fill depth in WellView.
7. TOOH with tubing:
 - 204- 2-3/8", 4.7#, J-55 Tubing Joints
 - 1- 2-3/8" Tubing Anchor
 - 6- 2-3/8", 4.7#, J-55 Tubing Joints
 - 1- 2-3/8" Landing Collar
 - 1- 2-3/8" Gas Anchor
 - 1- 2-3/8" to 2-1/16" Crossover
 - 1- 2-1/16" Seat Nipple
 - 1- 2-1/16" Mule Shoe

Visually inspect tubing and record findings in Wellview. Make note of corrosion or scale. LD and replace any bad joints.

8. If fill is tagged, PU bailer and CO to PBTD (6404'). If fill is too hard or too much to bail, utilize the air package. TOOH. LD tubing bailer (if applicable). Call Production Engineer to inform how much fill was tagged.

ConocoPhillips
Krause WN Federal #5E (DK)
Water Shut Off

Lat 36° 38' 8.012" N Long 108° 0' 52.488" W

9. TIH with tubing and casing packer and set it at 6324'. Hydro test the cement plug with 2% KCL water at 1,000 psi surface pressure (85% of casing yield pressure is 4,072 psi). Monitor pressure for 15 minutes. Notify the Production Engineer of the test results immediately.
10. **If the pressure test passed, do not continue with this procedure, wait until the Production Engineer notifies you of a path forward.**
11. If the pressure test failed, RIH with the tubing, CIBP, and packer. Set the CIBP at 6324'. Record the new PBTD in WellView. .
12. Set the packer at 6316' and hydro test the CIBP with 2% KCL water at 500 psi surface pressure (85% of casing yield pressure is 4,072 psi). Monitor the pressure for 30 minutes. Notify the Production Engineer if there is a pressure drop larger than 50 psi during this time.
13. RIH with tubing to 6290'.
 - 1- 2-3/8" Expendable Check/Muleshoe
 - 1- 2-3/8" OD (1.78" ID) F-Nipple
 - 1- 2-3/8", 4.7#, J-55 Tubing Joint
 - 1- 2-3/8", 4.7#, J-55 Pup Joint
 - ~198- 2-3/8", 4.7#, J-55 Tubing Joints
 - Pups joints as necessary to achieve proper landing depth
 - 1- 2-3/8", 4.7#, J-55 Tubing Joint
14. Start fluid production rate test. Make swab runs on the tubing until fluid is gone from the tubing and casing. Swab the tubing for two days. Monitor fluid volumes throughout the test to get a flow rate. Monitor casing and tubing pressures hourly and report all findings to the Production Engineer at the end of the test. **There is a possibility that we will need to re-install the pumping unit to dewater the reservoir.**
15. Land tubing at 6290'.
16. Run standing valve on shear tool, load and pressure test tubing to 1000 psig. Pull standing valve.
17. ND BOP, NU wellhead, and blow out the expendable check.
18. Once the Engineer verifies that the fluid flow test was a success. Notify lease operator that well is ready to be returned to production. RDMO.

ConocoPhillips
Krause WN Federal #5E (DK)
Water Shut Off

Lat 36° 38' 8.012" N Long 108° 0' 52.488" W

DRIFT TEST PROCEDURE

SAFETY NOTE: To conform to COP well control manual, Sec 6.1, a barrier is required prior to performing below procedure. Where air units are being used, an expendable check is recommended; otherwise, a wireline set plug in profile nipple is recommended.

1. Set flow control in tubing. With air, on location, use expendable check. With no air on location, use wireline plug.
2. RU drift tool to a minimum 70' line. Drift tool will have an OD of at least the API drift specification of the tubing. (2-3/8" OD 4.70# EUE Tubing Drift ID = 1.901"), and will be at least 15" long. The tool will not weigh more than 10 lbs. and will have an ID bore the length of the tool, so fluids may be pumped through the tool if it becomes stuck.
3. Drop the tool into the tubing string and retrieve it after every 2 joints of tubing ran in hole. If any resistance to the tool movement is noticed, going in or out, that joint will be replaced.
4. In order to simulate the plunger lift operation, all equipment must be kept clean and free of debris.

The drift tool should be measured with calipers before each job, to ensure the OD is the correct size for the tubing being checked. The maximum allowable wear of the tool is .003

Current Schematic

ConocoPhillips

Well Name: KRAUSE WN FEDERAL #5E

API/UVI	Surface Legal Location	Field Name	License No.	State/Province	Well Configuration Type	Edit
300452412100	NMPM-28N-11W-28-E	DK		NEW MEXICO	Vertical	
Ground Elevation (ft)	Original KB/RT Elevation (ft)	KB-Grout Distance (ft)	KB-Casing Flange Distance (ft)	KB-Tubing Hanger Distance (ft)		
5,802.00	5,813.00	11.00	5,813.00	5,813.00		

Well Config: Vertical - Original Hole, 6/2/2009 11:12:33 AM

ftKB (MD)	Schematic - Actual	From Final
-9		
11		
13		
22		
703		
704		
706		
1,504		FRUITLAND COAL, 1,504
1,721		PICTURED CLIFFS, 1,721
1,843		
1,947		
1,998		
2,001		
2,630		
3,235		
3,922		
4,092		
4,394		
5,301		
6,092		
6,144		
6,148		
6,149		
6,172		
6,179		
6,186		
6,189		
6,268		
6,306		
6,324		
6,329		
6,330		
6,338		
6,339		
6,352		
6,353		
6,368		
6,371		
6,372		
6,373		
6,373		
6,390		
6,404		
6,408		
6,423		
6,502		
6,529		
6,530		