

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

RECEIVED

JUN 22 2011

Sundry Notices and Reports on Wells

Farmington Field Office
Bureau of Land Management

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

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 Name

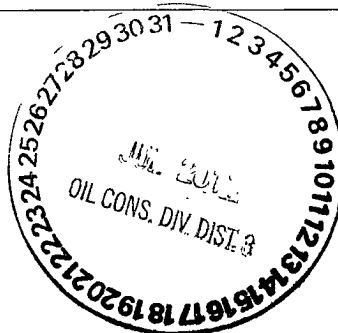
8. Well Name & Number
Krause WN Federal 5E

9. API Well No.

30-045-24121

10. Field and Pool
Basin Dakota

11. 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

ConocoPhillips Company requests permission to P&A the subject well per the attached procedures, current and proposed wellbore schematic.

**Notify NMOCD 24 hrs
prior to beginning
operations.**

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

Signed Crystal Tafoya Crystal Tafoya

Title Staff Regulatory Technician

Date 6/22/11

(This space for Federal or State Office use)

APPROVED BY Original Signed: Stephen Mason Title _____

Date JUN 27 2011

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 *W*

ConocoPhillips
KRAUSE WN FEDERAL 5E
Expense - P&A

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 COPC safety and environmental regulations. Test rig anchors prior to moving in rig.
2. MIRU work over rig. Check casing, tubing, and bradenhead pressures and record them in Wellview.
3. RU blow lines from casing valves and begin blowing down casing pressure. Kill well with water, as necessary, and at least pump tubing capacity of water down tubing.
4. ND wellhead and NU BOPE. Function test BOP. PU and remove tubing hanger.
5. TOOH with tubing/rods (per pertinent data sheet). LD tubing bailer (if applicable).

Rods:	Yes	Size:	3/4"	Length:	6327'
Tubing:	Yes	Size:	2-3/8"	Length:	6346'
Packer:	No	Size:	N/A	Depth:	N/A

If this well has rods or a packer, then modify the work sequence in step #2 as appropriate. Round trip casing scraper through deepest perforation or as deep as possible.

All cement volumes use 100% excess outside pipe and 50' excess inside pipe. The stabilizing wellbore fluid will be 8.3 ppg, sufficient to balance all exposed formation pressures. All cement will be ASTM Type II mixed at 15.6 ppg with a 1.18 cf/sk yield.

6. Plug 1 (Dakota, 6039-6139', 12 Sacks Class B Cement)

RIH and set 4-1/2" CR at 6,139'. Pressure test tubing to 1000 psi. Load casing with water and attempt to establish circulation. Mix 12 sx Class B cement and spot inside the casing above CR to isolate the Dakota perforations and formation top. WOC. Tag cement. Circulate well clean with water. Pressure test casing to 800 psi. If casing does not test, then spot and tag subsequent plugs as necessary.

7. Plug 2 (Gallup, 5251-5351', 51 Sacks Class B Cement)

Perforate 3 HSC holes at 5,351'. Set a 4-1/2" cement retainer at 5301'. Establish injection rate into squeeze holes. Mix 51 sx Class B cement. Sqz 39 sx Class B cement into HSC holes and leave 12 sx cement inside casing to isolate the Gallup formation top. PUH.

8. Plug 3 (Mancos, 4344-4444', 51 Sacks Class B Cement)

Perforate 3 HSC holes at 4,444'. Set a 4-1/2" cement retainer at 4394'. Establish injection rate into squeeze holes. Mix 51 sx Class B cement. Sqz 39 sx Class B cement into HSC holes and leave 12 sx cement inside casing to isolate the Mancos formation top. PUH.

9. Plug 4 (Mesa Verde, 3185-3285', 51 Sacks Class B Cement)

Perforate 3 HSC holes at 3,285'. Set a 4-1/2" cement retainer at 3235'. Establish injection rate into squeeze holes. Mix 51 sx Class B cement. Sqz 39 sx Class B cement into HSC holes and leave 12 sx cement inside casing to isolate the Mesa Verde formation top. PUH.

10. Plug 5 (Chacra, 2580-2680', 51 Sacks Class B Cement)

Perforate 3 HSC holes at 2,680'. Set a 4-1/2" cement retainer at 2630'. Establish injection rate into squeeze holes. Mix 51 sx Class B cement. Sqz 39 sx Class B cement into HSC holes and leave 12 sx cement inside casing to isolate the Chacra formation top. PUH.

11. Plug 6 (Pictured Cliffs / Lewis, 1671-1893', 21 Sacks Class B Cement)

Mix 21 sx Class B cement and spot a balanced cement plug inside casing to isolate the Pictured Cliffs and Lewis formation tops. TOH.

12. Plug 7 (Fruitland Coal, ~~1454-1554~~¹⁴⁸⁶', 51 Sacks Class B Cement)

Perforate 3 HSC holes at ~~1,554~~¹⁴⁸⁶'. Set a 4-1/2" cement retainer at ~~1504~~¹⁴⁸⁶'. Establish injection rate into squeeze holes. Mix 51 sx Class B cement. Sqz 39 sx Class B cement into HSC holes and leave 12 sx cement inside casing to isolate the Fruitland Coal formation top. PUH.

13. Plug 8 (Nacimiento / Ojo / Kirtland / Surface Casing Shoe, Surface-754', 223 Sacks Class B Cement)

Perforate 3 HSC holes at 754'. Establish circulation out bradenhead with water and circulate BH annulus clean. *If attempt to circulation is unsuccessful, then perforate at appropriate depth as required by NMOCDBLM regulations.* Mix 223 sx Class B cement and pump down production casing to circulate good cement out bradenhead. Shut in well and WOC.

14. Nipple down BOP and cut off casing below the casing flange. Install P&A marker with cement to comply with regulations. Rig down, move off location, cut off anchors, and restore location.

ConocoPhillips

Schematic - Current

KRAUSE WN FEDERAL #5E

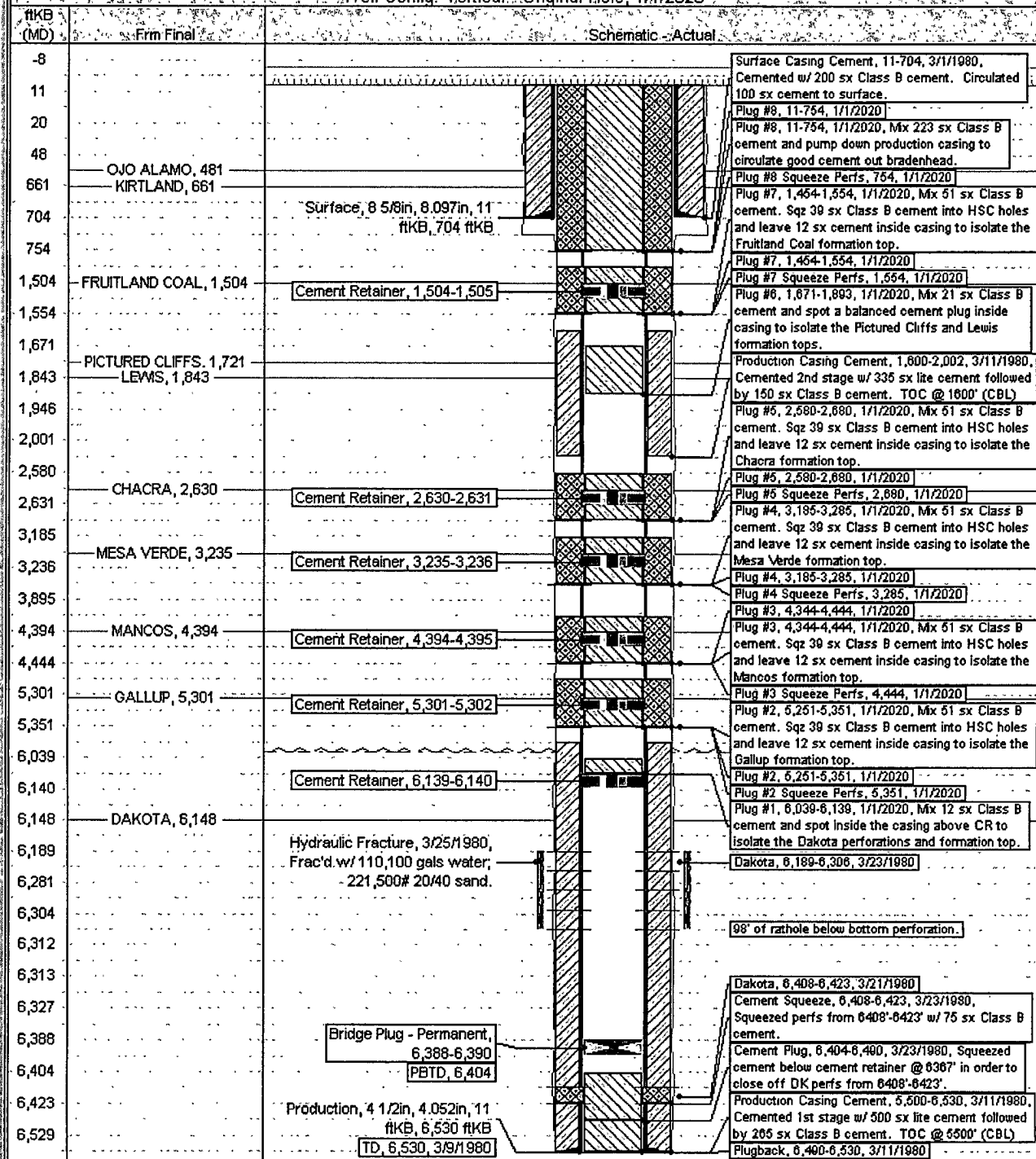
District SOUTH	Field Name DK	API / UWI 3004524121	County SAN JUAN	State/Province NEW MEXICO	Edit
Original Spud Date 2/29/1980	Surface Legal Location NMPM-28N-11W-28-E	East/West Distance (ft) 880.00	East/West Reference W	North/South Distance (ft) 1,785.00	North/South Reference N

Well Config: Vertical - Original Hole: 6/21/2011 11:34:41 AM

ftKB (MD)	ftKB (TVD)	Schematic - Actual	Frm Final
-8			
11		Sinker Bar, 22.0ft	
11			
14			
20		Tubing, 2 3/8in, 4.70lbs/ft, J-55, 11 ftKB, 42 ftKB	
42		Tubing Pup Joint, 2 3/8in, 4.70lbs/ft, J-55, 42 ftKB, 48 ftKB	
48			
481			OJO ALAMO, 481
661		Surface Casing Cement, 11-704, 3/17/1980, Cemented w/ 200 sx Class B cement. Circulated 100 sx cement to surface. Surface, 8 5/8in, 8.097in, 11 ftKB, 704 ftKB	KIRTLAND, 661
703			
704			
708		Sucker Rod (Slick), 1,925.0ft	
1,504			FRUITLAND COAL,
1,721			PICTURED CLIFFS,
1,843			1,721
1,946			LEWIS, 1,843
1,998			
2,001		Production Casing Cement, 1,600-2,002, 3/11/1980, Cemented 2nd stage w/ 335 sx lite cement followed by 150 sx Class B cement. TOC @ 1600' (CBL)	
2,630			CHACRA, 2,630
3,235		Tubing, 2 3/8in, 4.70lbs/ft, J-55, 48 ftKB, 6,280 ftKB	MESA VERDE, 3,235
3,895			
4,394			MANCOS, 4,394
5,301		Sucker Rod (Slick), 2,250.0ft	
6,145			GALLUP, 5,301
6,148		Dakota, 6,189-6,306, 3/23/1980 Hydraulic Fracture, 3/25/1980, Frac'd w/ 110,100 gals water; 221,500# 20/40 sand.	DAKOTA, 6,148
6,154			
6,189		Tubing Pup Joint, 2 3/8in, 4.70lbs/ft, J-55, 6,280 ftKB, 6,282 ftKB	
6,280			
6,281		Tubing, 2 3/8in, 4.70lbs/ft, J-55, 6,282 ftKB, 6,313 ftKB	
6,303			
6,304			
6,306		98' of rat hole below bottom perforation.	
6,312			
6,313		"F" Profile Nipple, 2 3/8in, 6,313 ftKB, 6,313 ftKB	
6,313			
6,326		Gas anchor (Price Type), 2 3/8in, 4.70lbs/ft, J-55, 6,313 ftKB, 6,346 ftKB	
6,327			
6,346			
6,388		Bridge Plug - Permanent, 6,388-6,390	
6,390			
6,404		PBTD, 6,404	
6,408			
6,423		Dakota, 6,408-6,423, 3/21/1980	
6,529			
6,530		TD, 6,530, 3/9/1980	
		Sucker Rod (Guided), 1,950.0ft	
		Guided Pony Rod, 8.0ft	
		Sinker Bar, no neck, 150.0ft	
		Safety Joint, 0.5ft	
		Guided Pony Rod, 8.0ft	
		Rod Insert Pump, 14.0ft	
		Gas Anchor/Dip Tube, 1.0ft	
		Cement Squeeze, 6,408-6,423, 3/23/1980; Squeezed perms from 6408'-6423' w/ 75 sx Class B cement.	
		Cement Plug, 6,404-6,490, 3/23/1980, Squeezed cement below cement retainer @ 6367' in order to close off DK perms from 6408'-6423'.	
		Production Casing Cement, 5,500-6,530, 3/11/1980, Cemented 1st stage w/ 500 sx lite cement followed by 285 sx Class B cement. TOC @ 5500' (CBL).	
		Plugback, 6,490-6,530, 3/11/1980	
		Production, 4 1/2in, 4.052in, 11 ftKB, 6,530 ftKB	

API/UTM	Surface Legal Location	Field Name	License No.	State/Province	Well Configuration Type	Edit
3004524121	NMPM-28N-11W-28-E	DK		NEW MEXICO	Vertical	
Ground Elevation (ft)	Original KBPT Elevation (ft)	KB-Gravel Distance (ft)	KB-Casing Flange Distance (ft)	KB-Tubing Header Distance (ft)		
5,802.00	5,813.00	11.00	5,813.00	5,813.00		

Well Config: Vertical - Original Hole, 1/1/2020



**UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
FARMINGTON DISTRICT OFFICE
1235 LA PLATA HIGHWAY
FARMINGTON, NEW MEXICO 87401**

Attachment to notice of
Intention to Abandon:

Re: Permanent Abandonment
Well: 5E Krause WN Federal

CONDITIONS OF APPROVAL

1. Plugging operations authorized are subject to the attached "General Requirements for Permanent Abandonment of Wells on Federal and Indian Lease."
2. Farmington Office is to be notified at least 24 hours before the plugging operations commence (505) 599-8907.
3. The following modifications to your plugging program are to be made:
 - a) Place the Fruitland plug from 1486' – 1386' inside and outside the 4 ½" casing.

You are also required to place cement excesses per 4.2 and 4.4 of the attached General Requirements.

Office Hours: 7:45 a.m. to 4:30 p.m.