

State of Colorado
Oil and Gas Conservation Commission

1120 Lincoln Street, Suite 801, Denver, Colorado 80203
Phone: (303) 894-2100 Fax: (303) 894-2109



DE	ET	OE	ES
Document Number: 400841836			
Date Received: 05/19/2015			

SUNDRY NOTICE

Submit a signed original. This form is to be used for general, technical and environmental sundry information. For proposed or completed operations, describe in full in Comments or provide as an attachment. Identify Well by API Number; identify Oil and Gas Location by Location ID Number; identify other Facility by Facility ID Number.

OGCC Operator Number: 96850 Contact Name Angela Neifert-Kraiser
 Name of Operator: WPX ENERGY ROCKY MOUNTAIN LLC Phone: (303) 606-4398
 Address: 1001 17TH STREET - SUITE #1200 Fax: ()
 City: DENVER State: CO Zip: 80202 Email: angela.neifert-kraiser@wpxenergy.com

Complete the Attachment
Checklist

OP OGCC

API Number : 05- 045 22241 00 OGCC Facility ID Number: 435154
 Well/Facility Name: FEDERAL Well/Facility Number: PA 431-27
 Location QtrQtr: Lot 8 Section: 27 Township: 6S Range: 95W Meridian: 6
 County: GARFIELD Field Name: PARACHUTE
 Federal, Indian or State Lease Number: COC62161

Survey Plat		
Directional Survey		
Srvc Eqpmt Diagram		
Technical Info Page		
Other		

CHANGE OF LOCATION OR AS BUILT GPS REPORT

- Change of Location * As-Built GPS Location Report As-Built GPS Location Report with Survey

* Well location change requires new plat. A substantive surface location change may require new Form 2A.

SURFACE LOCATION GPS DATA Data must be provided for Change of Surface Location and As Built Reports.

Latitude _____ PDOP Reading _____ Date of Measurement _____
 Longitude _____ GPS Instrument Operator's Name _____

LOCATION CHANGE (all measurements in Feet)

Well will be: _____ (Vertical, Directional, Horizontal)

Change of **Surface** Footage **From** Exterior Section Lines:

Change of **Surface** Footage **To** Exterior Section Lines:

Current **Surface** Location **From** QtrQtr Lot 8 Sec 27

New **Surface** Location **To** QtrQtr _____ Sec _____

Change of **Top of Productive Zone** Footage **From** Exterior Section Lines:

Change of **Top of Productive Zone** Footage **To** Exterior Section Lines:

Current **Top of Productive Zone** Location **From** Sec 27

New **Top of Productive Zone** Location **To** Sec _____

Change of **Bottomhole** Footage **From** Exterior Section Lines:

Change of **Bottomhole** Footage **To** Exterior Section Lines:

Current **Bottomhole** Location Sec 27 Twp 6S Range 95W

New **Bottomhole** Location Sec _____ Twp _____ Range _____

Is location in High Density Area? _____

Distance, in feet, to nearest building _____, public road: _____, above ground utility: _____, railroad: _____,
 property line: _____, lease line: _____, well in same formation: _____

Ground Elevation _____ feet Surface owner consultation date _____

FNL/FSL		FEL/FWL	
<u>2337</u>	<u>FNL</u>	<u>657</u>	<u>FEL</u>
_____	_____	_____	_____
Twp <u>6S</u>	Range <u>95W</u>	Meridian <u>6</u>	
Twp _____	Range _____	Meridian _____	
<u>208</u>	<u>FNL</u>	<u>1789</u>	<u>FEL</u>
_____	_____	_____	_____
Twp <u>6S</u>	Range <u>95W</u>		
Twp _____	Range _____		
<u>208</u>	<u>FNL</u>	<u>1789</u>	<u>FEL</u>
_____	_____	_____	_____

**

**

** attach deviated drilling plan

Comments:

ENGINEERING AND ENVIRONMENTAL WORK

NOTICE OF CONTINUED TEMPORARILY ABANDONED STATUS

Indicate why the well is temporarily abandoned and describe future plans for utilization in the COMMENTS box below or provide as an attachment, as required by Rule 319.b.(3).

Date well temporarily abandoned _____ Has Production Equipment been removed from site? _____

Mechanical Integrity Test (MIT) required if shut in longer than 2 years. Date of last MIT _____

SPUD DATE: _____

TECHNICAL ENGINEERING AND ENVIRONMENTAL WORK

Details of work must be described in full in the COMMENTS below or provided as an attachment.

NOTICE OF INTENT Approximate Start Date 05/22/2015

REPORT OF WORK DONE Date Work Completed _____

<input type="checkbox"/> Intent to Recomplete (Form 2 also required)	<input type="checkbox"/> Request to Vent or Flare	<input type="checkbox"/> E&P Waste Mangement Plan
<input type="checkbox"/> Change Drilling Plan	<input type="checkbox"/> Repair Well	<input type="checkbox"/> Beneficial Reuse of E&P Waste
<input type="checkbox"/> Gross Interval Change	<input type="checkbox"/> Rule 502 variance requested. Must provide detailed info regarding request.	
<input checked="" type="checkbox"/> Other <u>low toc</u>	<input type="checkbox"/> Status Update/Change of Remediation Plans for Spills and Releases	

COMMENTS:

WPX requests the approval of the top of cement at 5,222' and waiver of the COA applied to the approved Form 2 (Doc #: 400477131)

CASING AND CEMENTING CHANGES

Casing Type	Size	Of	/	Hole	Size	Of	/	Casing	Wt/Ft	Csg/LinTop	Setting Depth	Sacks of Cement	Cement Bottom	Cement Top

H2S REPORTING

Data Fields in this section are intended to document Sample and Location Data associated with the collection of a Gas Sample that is submitted for Laboratory Analysis.

Gas Analysis Report must be attached.

H2S Concentration: _____ in ppm (parts per million) Date of Measurement or Sample Collection _____

Description of Sample Point:

Absolute Open Flow Potential _____ in CFPD (cubic feet per day)

Description of Release Potential and Duration (If flow is not open to the atmosphere, identify the duration in which the container or pipeline would likely be opened for servicing operations.):

Distance to nearest occupied residence, school, church, park, school bus stop, place of business, or other areas where the public could reasonably be expected to frequent: _____

Distance to nearest Federal, State, County, or municipal road or highway owned and principally maintained for public use: _____

COMMENTS:

Best Management Practices

No BMP/COA Type

Description

Operator Comments:

WPX requests the approval of the top of cement at 5,222' and waiver of the COA applied to the approved Form 2 (Doc #: 400477131) that requires a minimum of 200' of cement above the top of the Mesa Verde formation. Based on the attached information, WPX believes that the intent of the COA has been met as there is de minimus potential for fluid migration between any gas or water bearing formations and/or coalbeds in the uncemented interval of the well. We believe the information presented in the "Mesaverde Water Evaluation.pdf", which was attached to Doc No. 400836405, applies to the location of this well.

We believe a constant fluid level is present in the production casing annulus, which is an indication of no fluid cross-zone flow. The first echometer was taken on April 24, 2015 and showed a fluid level of approximately 2,917 ft above the surface casing shoe. The second reading was taken on April 30, 2015 and it showed a fluid level of 2,917 ft above the surface casing shoe. These echometers usually have a variance of a couple hundred feet, so for all intents and purposes the data suggests the fluid level is not changing over time. The lack of bradenhead pressure suggests that gas is not moving behind pipe. Also, we believe the system permeability is around 10⁻³ md in the Ohio Creek Formation, if present. There is core cut from the Ohio Creek Formation in the Last Dance 43C-3-792 (BBC/Vanguard) and the RPW 533-25-596 (Encana) wells. However, WPX does not have access to the cores nor any core analyses and the data has not been published on the COGCC website. It is recommended that you follow up with the respective operators for this data. We do not produce hydrocarbons from the Ohio Creek or stratigraphically equivalent intervals within Section 27, T6S, R96W. As a non-producing interval, no water samples have been collected nor are any TDS analyses available. There is no active injection into the Ohio Creek or stratigraphically equivalent in the WPX operated Rulison field. We haven't developed the Wasatch recently, so I'm unfamiliar with this zone.

Comment on Mechanical Integrity

WPX believes that when a well has no bradenhead pressure and adequate cement coverage above the shallowest proposed perforation, introducing squeeze perforations above the cement top introduces risk for cross flow. Squeeze perms are more likely to lose mechanical integrity than new casing over the life of the well due to normal operations. Unless there are sources of bradenhead pressure behind the casing to attempt to eliminate, WPX does not encourage compromising the mechanical integrity of new casing by creating cement perforations.

We have 1,338 ft of cement over the top perforation. Our recommendation would be to not remediate this low TOC. If we develop bradenhead pressure, we will address the issue accordingly, which may include remediation. Please advise if I can submit this email attached via a Sundry."

I hereby certify all statements made in this form are, to the best of my knowledge, true, correct, and complete.

Signed: _____ Print Name: Angela Neifert-Kraiser
Title: Regulatory Specialist Email: angela.neifert-kraiser@wpxenergy.com Date: 5/19/2015

Based on the information provided herein, this Sundry Notice (Form 4) complies with COGCC Rules and applicable orders and is hereby approved.

COGCC Approved: KRABACHER, JAY Date: 5/28/2015

CONDITIONS OF APPROVAL, IF ANY:

COA Type

Description

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General Comments

User Group	Comment	Comment Date
Engineer	Removed text from engineering tab that was repeated in the submit tab and attached doc#400841841.	5/28/2015 7:20:06 AM
Engineer	added C Burger for ENGR Review as he was in communication w/WPX earlier in regards low TOC. see Correspondence doc # 2597159 in wellfiles. C Burger informed WPX: "WPX can proceed with the planned completions. Assuming the bradenhead pressure remains negligible, this low TOC can be addressed by providing a written demonstration on a Sundry Notice containing applicable geologic information, bradenhead pressures and annular fluid level measurements to demonstrate that fluids (oil, gas, and water) and coal seams are adequately isolated to prevent cross-zone migration. If the demonstration is acceptable, then we will waive the COA requirement." The attached and enclosed data seem to satisfy that request. -- J K	5/27/2015 10:43:37 AM

Total: 2 comment(s)

Attachment Check List

Att Doc Num	Name
400841836	FORM 4 SUBMITTED
400841838	OTHER
400841840	OTHER
400841841	OTHER

Total Attach: 4 Files