

**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: <b>400971273</b>			
Date Received: <b>01/14/2016</b>			

**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: <u>96850</u>	Contact Name <u>Whitney Szabo</u>
Name of Operator: <u>WPX ENERGY ROCKY MOUNTAIN LLC</u>	Phone: <u>(970) 263-2730</u>
Address: <u>PO BOX 370</u>	Fax: <u>( )</u>
City: <u>PARACHUTE</u> State: <u>CO</u> Zip: <u>81635</u>	Email: <u>whitney.szabo@wpxenergy.com</u>

  

API Number : <u>05-</u> <u>103</u> <u>12120</u> <u>00</u>	OGCC Facility ID Number: <u>437501</u>
Well/Facility Name: <u>FEDERAL</u>	Well/Facility Number: <u>RG 713-29-298</u>
Location QtrQtr: <u>LOT14</u> Section: <u>29</u> Township: <u>2S</u> Range: <u>98W</u> Meridian: <u>6</u>	
County: <u>RIO BLANCO</u> Field Name: <u>SULPHUR CREEK</u>	
Federal, Indian or State Lease Number: <u>COC1491</u>	

Complete the Attachment  
Checklist

OP OGCC

Survey Plat		
Directional Survey		
Srfc 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 LOT14 Sec 29

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 29

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 29 Twp 2S

New **Bottomhole** Location Sec \_\_\_\_\_ Twp \_\_\_\_\_

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>1100</u>	<u>FSL</u>	<u>1397</u>	<u>FWL</u>
_____	_____	_____	_____
Twp <u>2S</u>	Range <u>98W</u>	Meridian <u>6</u>	
Twp _____	Range _____	Meridian _____	
<u>1204</u>	<u>FSL</u>	<u>659</u>	<u>FWL</u>
_____	_____	_____	_____
Twp <u>2S</u>	Range <u>98W</u>		
Twp _____	Range _____		
<u>1204</u>	<u>FSL</u>	<u>659</u>	<u>FWL</u>
_____	_____	_____	_____
Twp <u>2S</u>	Range <u>98W</u>		
Twp _____	Range _____		

\*\*

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\*\* attach deviated drilling plan

**CHANGE OR ADD OBJECTIVE FORMATION AND/OR SPACING UNIT**

<u>Objective Formation</u>	<u>Formation Code</u>	<u>Spacing Order Number</u>	<u>Unit Acreage</u>	<u>Unit Configuration</u>

**OTHER CHANGES**

☐ **REMOVE FROM SURFACE BOND** Signed surface use agreement is a required attachment

☐ **CHANGE OF WELL, FACILITY OR OIL & GAS LOCATION NAME OR NUMBER**

From: Name FEDERAL Number RG 713-29-298 Effective Date: \_\_\_\_\_

To: Name \_\_\_\_\_ Number \_\_\_\_\_

☐ **ABANDON PERMIT: Permit can only be abandoned if the permitted operation has NOT been conducted. Field inspection will be conducted to verify site status.**

☐ WELL: Abandon Application for Permit-to-Drill (Form2) – Well API Number \_\_\_\_\_ has not been drilled.

☐ PIT: Abandon Earthen Pit Permit (Form 15) – COGCC Pit Facility ID Number \_\_\_\_\_ has not been constructed (Permitted and constructed pit requires closure per Rule 905)

☐ **CENTRALIZED E&P WASTE MANAGEMENT FACILITY:** Abandon Centralized E&P Waste Management Facility Permit (Form 28) – Facility ID Number \_\_\_\_\_ has not been constructed (Constructed facility requires closure per Rule 908)

OIL & GAS LOCATION ID Number: \_\_\_\_\_

☐ Abandon Oil & Gas Location Assessment (Form 2A) – Location has not been constructed and site will not be used in the future.

☐ Keep Oil & Gas Location Assessment (Form 2A) active until expiration date. This site will be used in the future.

**Surface disturbance from Oil and Gas Operations must be reclaimed per Rule 1003 and Rule 1004.**

☐ **REQUEST FOR CONFIDENTIAL STATUS**

☐ **DIGITAL WELL LOG UPLOAD**

☐ **DOCUMENTS SUBMITTED** Purpose of Submission: \_\_\_\_\_

**RECLAMATION****INTERIM RECLAMATION**

☐ Interim Reclamation will commence approximately \_\_\_\_\_

Per Rule 1003.e.(3) operator shall submit Sundry Notice reporting interim reclamation is complete and site is ready for inspection when vegetation reaches 80% coverage.

☐ Interim reclamation complete, site ready for inspection.

Per Rule 1003.e(3) describe interim reclamation procedure in Comments below or provide as an attachment and attach required location photographs.

**Field inspection will be conducted to document Rule 1003.e. compliance**

**FINAL RECLAMATION**

☐ Final Reclamation will commence approximately \_\_\_\_\_

Per Rule 1004.c.(4) operator shall submit Sundry Notice reporting final reclamation is complete and site is ready for inspection when vegetation reaches 80% coverage.

☐ Final reclamation complete, site ready for inspection. Per Rule 1004.c(4) describe final reclamation procedure in Comments below or provide as an attachment.

**Field inspection will be conducted to document Rule 1004.c. compliance**

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 \_\_\_\_\_

☒ REPORT OF WORK DONE                      Date Work Completed      02/23/2015

- |  |   |  |
|--|---|--|
| <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>DFIT</u>                | <input type="checkbox"/> Status Update/Change of Remediation Plans for Spills and Releases          |  |

**COMMENTS:****Frontier DFIT Procedure**

Well Name: RG 713-29-298

1. Retrieve plunger from well
2. Open well to draw down pressure
3. MIRU workover unit. Pump kill on well if necessary. Unland tubing and POOH
4. PU 5 ½" 10k cement retainer and RIH. Set retainer at 14,150'.
5. Circulate gas out of wellbore
6. Pressure test plug to 5k psi using rig pump
7. POOH with tubing
8. RIH with tubing and tag plug, PU 10'
9. Roll hole with filtered water
10. Pump 15 sks of 16.5ppg cement
  - a. Make sure cement is rated for temp (300 deg F)
11. Pull 10 stands of tubing and WOC
12. Pressure test well to 12,500 psi
13. RIH with tubing and tag cement top
14. Drill cement to 14,100' if necessary
15. MIRU wireline
16. RIH and perforate squeeze holes at 13,980' (4 spf)
  - a. Use GeoDynamics charges
17. RDMO wireline
18. MIRU pump trucks
19. Rig up 2 x 15k EMR pressure gauges. Make sure the gauges are isolated by a valve such that the pressure recordings are not affected by the rig down
  - a. Make sure to have proper connections on location
20. Make sure valves are open prior to pumping such that data can be recorded
21. Begin to pump DFIT. Ensure breakdown of formation has occurred
  - a. If you don't see good breakdown within the first 10 bbls, increase rate by a couple bpm until 15 bpm or pressure out.
  - b. If no breakdown occurs, call engineer
  - c. If breakdown occurs, continue to pump DFIT per procedure
22. Pump DFIT
  - a. After initial break, pump at 5-8 bpm for 10 minutes. Do NOT change rate during DFIT
  - b. Perform step rate test at end of job
    - i. Need 3 steps
    - c. Get ISIP, 5, 10 and 15 minutes pressures
    - i. Make sure ISIP is a hard shut in
23. Insulate the wellhead such that the pressure gauges are not affected by temperature changes now that the weather is getting colder.
24. Halliburton should remain rigged up for one hour to record data in the van
25. RD Halliburton
26. Leave gauges on for 72 hours
27. Pull gauges and send data to:
  - a. Jason Bundick- jason.bundick@wpenergy.com
  - b. Frank Kubes – frank.kubes@wpenergy.com

**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 completed a DFIT on the RG 713-29-298, Frontier Formation, 13980'.

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

Signed: \_\_\_\_\_ Print Name: Whitney Szabo  
Title: Permit Tech II Email: whitney.szabo@wpxenergy.com Date: 1/14/2016

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

COGCC Approved: Daigle, Ryan Date: 3/1/2016

**CONDITIONS OF APPROVAL, IF ANY:****COA Type****Description**

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**General Comments****User Group****Comment****Comment Date**

Permit	Passes permitting.	2/26/2016 2:25:34 PM
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Total: 1 comment(s)

**Attachment Check List****Att Doc Num****Name**

400971273	FORM 4 SUBMITTED
400971288	WELLBORE DIAGRAM
400971291	OPERATIONS SUMMARY
400971601	DFIT ANALYSIS

Total Attach: 4 Files