FORM 4
Rev 12/05

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 | DE | ES

RECEIVED 1/25/2012

SUNDRY NOTICE

Submit original plus one copy. This form is to be used for general, technical and environmental sundry Information. For proposed or completed operations, describe in full on Technical Information Page (Page 2 of this form.) Identify well or other facility by API Number or by OGCC Facility ID. Operator shall send an informational copy of all sundry notices for wells located in High Density Areas to the Local Government Designee (Rule 603b.)

1. OGCC Operator Number: 96850
2. Name of Operator: WPX Energy Rocky Mountain, LLC
3. Address: 1058 County Road 215
City: Parachute State: CO Zip: 81635
4. Contact Name: Karolina Blaney
Phone: 970 683 2295
Fax: 970 285 9573

Complete the Attachment Checklist

	OP	OGCC
Survey Plat		
Directional Survey		
Surface Eqpmt Diagram		
Technical Info Page	X	
Other	X	

5. API Number 05-
OGCC Facility ID Number 279362
6. Well/Facility Name:
7. Well/Facility Number TR 24-16-597
8. Location (QtrQtr, Sec, Twp, Rng, Meridian): SESW S16 T5S R97W 6 pm
9. County: Garfield
10. Field Name: Trail Ridge
11. Federal, Indian or State Lease Number:

General Notice

☐ CHANGE OF LOCATION: Attach New Survey Plat (a change of surface qtr/qtr is substantive and requires a new permit)

	FNL/FSL		FEL/FWL	
Change of **Surface** Footage **from** Exterior Section Lines:				
Change of **Surface** Footage **to** Exterior Section Lines:				
Change of **Bottomhole** Footage **from** Exterior Section Lines:				
Change of **Bottomhole** Footage **to** Exterior Section Lines:				attach directional survey

Bottomhole location Qtr/Qtr, Sec, Twp, Rng, Mer

Latitude
Longitude
Ground Elevation
Distance to nearest property line
Distance to nearest lease line
Distance to nearest well same formation
Distance to nearest bldg, public rd, utility or RR
Is location in a High Density Area (rule 603b)? Yes/No
Surface owner consultation date:

GPS DATA:
Date of Measurement PDOP Reading Instrument Operator's Name

☐ CHANGE SPACING UNIT

Formation	Formation Code	Spacing order number	Unit Acreage	Unit configuration

☐ Remove from surface bond
Signed surface use agreement attached

☐ CHANGE OF OPERATOR (prior to drilling):
Effective Date:
Plugging Bond: ☐ Blanket ☐ Individual

☐ CHANGE WELL NAME NUMBER
From:
To:
Effective Date:

☐ ABANDONED LOCATION:
Was location ever built? ☐ Yes ☐ No
Is site ready for Inspection? ☐ Yes ☐ No
Date Ready for Inspection:

☐ NOTICE OF CONTINUED SHUT IN STATUS
Date well shut in or temporarily abandoned:
Has Production Equipment been removed from site? ☐ Yes ☐ No
MIT required if shut in longer than two years. Date of last MIT

☐ SPUD DATE:

☐ REQUEST FOR CONFIDENTIAL STATUS (6 mos from date casing set)

☐ SUBSEQUENT REPORT OF STAGE, SQUEEZE OR REMEDIAL CEMENT WORK *submit cbl and cement job summaries

Method used	Cementing tool setting/perf depth	Cement volume	Cement top	Cement bottom	Date

☐ RECLAMATION: Attach technical page describing final reclamation procedures per Rule 1004.
Final reclamation will commence on approximately
☐ Final reclamation is completed and site is ready for inspection.

Technical Engineering/Environmental Notice

☐ Notice of Intent
Approximate Start Date:

☐ Report of Work Done
Date Work Completed:

Details of work must be described in full on Technical Information Page (Page 2 must be submitted.)

☐ Intent to Recomplete (submit form 2)
☐ Change Drilling Plans
☐ Gross Interval Changed?
☐ Casing/Cementing Program Change
☐ Request to Vent or Flare
☐ Repair Well
☐ Rule 502 variance requested
☒ Other: Hydrostatic test results
☐ E&P Waste Disposal
☐ Beneficial Reuse of E&P Waste
☐ Status Update/Change of Remediation Plans for Spills and Releases

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

Signed: Karolina Blaney Date: 1/24/2012 Email: Karolina.Blaney@Williams.com
Print Name. Karolina Blaney Title: Environmental Specialist

COGCC Approved: Title: Date:

CONDITIONS OF APPROVAL, IF ANY:

Click here to reset form

FORM 4 Rev 12/05

TECHNICAL INFORMATION PAGE

FOR OGCC USE ONLY

1. OGCC Operator Number: 96850 API Number:
2. Name of Operator: WPX Energy Rocky Mountain, LLC OGCC Facility ID # 279362
3. Well/Facility Name: Well/Facility Number: TR 24-16-597
4. Location (QtrQtr, Sec, Twp, Rng, Meridian): SESW S16 T5S R97W 6 pm

This form is to be completed whenever a Sundry Notice is submitted requiring detailed report of work to be performed or completed. This form shall be transmitted within 30 days of work completed as a "subsequent" report and must accompany Form 4, page 1.

5. **DESCRIBE PROPOSED OR COMPLETED OPERATIONS**

Per Form 15 COAs, attached is the hydrostatic test report for the TR 24-16-597 production pit. The hydrostatic test was conducted on 10/13/2011 and failed. The pit was emptied and the liner was removed. Upon removal of the liner, soil contamination was discovered, confirming the indication of the failed hydrostatic test that the lined multi-well pit did not retain all of the fluids that were placed into it (Spill tracking # 2221353, Remediation #5868).

Attachment A

Hydrostatic Test Results

Hydrostatic Pit Testing
Data Collection & Computation Form

Fox Engineering Solutions

Pit Owner:	Williams Production RMT Company
Pit Name:	TR 24-16-597
COGCC Facility No.	279362
Pit Location:	SE 1/4 SW 1/4 Sec 16, T5S, R97W, 6th P.M.
	Latitude: N 39.6091° Longitude: W108.2859° NAD83
Reported Liner:	24mil Polypropylene
Approximate Elevation:	
Test Conducted By:	David Fox, Fox Engineering Solutions

Test Initiation:

Date:	10/10/2011
Time:	11:30 AM
Total Duration:	72 hours

Test Termination:

Date:	10/13/2011
Time:	11:30 AM

	Length	Width	Area		Comments
Tributary Pit Liner Surface Area (ft^2):	-	-	4,702	$ft.^2$	**Surveyed by Bookcliff Survey**
Initial Pit Water Surface Area:	-	-	2,704	$ft.^2$	**Surveyed by Bookcliff Survey**
Final Pit Water Surface Area:	-	-	2,704	$ft.^2$	**Surveyed by Bookcliff Survey**
Average Pit Surface Area:			2704	$ft.^2$	

Initial Pit Fluid Level:		**997.85 ft.**
Final Pit Fluid Level:		**997.56 ft**
Difference		**0.29 ft or**
Est. Fluid Depth:	**9** ft.	**3.48 inches**

Evaporation Pan Installed: Yes — **Location:** South side of pit

Measured Pan Evaporation: during Test Duration	**0.25 inches**
Evaporation w/ Pan Coeff. 0.72	**0.18 inches**

Rain Gauge Installed: Yes — **Location:** South side of pit

Recorded Precipitation:	**0.07 inches**
Equiv. 72-Hour Precip. Inflow:	**0.05 inches**

Other Inflow/Outflow:	**Inflow (gal)**	**0**	**Equivalent Inflow:**	**0.00 inches**
	Outflow (gal)	**0**	**Equivalent Outflow:**	**0.00 inches**

Calculated Fluid Level Change in Inches: (+ indicates fluid level increased)

(Precipitation - Pan Evaporation + Inflows - Outflows)	**-0.19 inches**
(Precipitation - 72% Pan Evaporation + Inflows - Outflows)	**-0.13 inches**

Measure Change in Inches: (+ indicates fluid level increased) **-3.48 inches**

Difference between Calculated and Measured Pit Fluid Level:

(With Pan Evaporation)	**-3.30 inches**
(With 72% Pan Evaporation)	**-3.35 inches**

Summary: Recommend Re-test. Fluid level drop in pit exceeded evaporation.

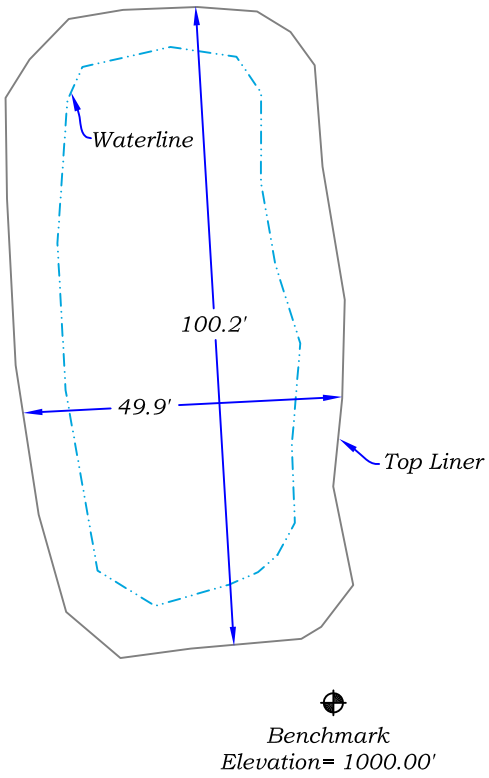
Weather: Cool 40 - 75° temperatures with precipitation event.

Liner and Pit Condition: Produced water fluid level at approximate 9 ft depth.
Visible portion of liner, approximately the top 5-6 ft., had no apparent delamination or seam failures with the exception of one 2" x 3" hole in liner noted at rim of north side.

Comments: Bookcliff Survey utilized a Trimble Total Station for required area and elevation measurements.
Williams staff indicated that no fluids were transferred from or to the pit during the duration of the test.
Guard at site at beginning of test. No guard present at test completion.

HYDROTEST EXHIBIT

TRAIL RIDGE 24-16-597



SCALE: 1"= 30'

TRAIL RIDGE 24-16-597 PIT DETAILS

TEST @ 11:30A.M.

TOP WATER ELEV. (OCTOBER 10, 2011)= 997.85'
TOP WATER ELEV. (OCTOBER 13, 2011)= 997.56'
TOP WATER SURFACE AREA (OCTOBER 10, 2011)= 2,704 sq. ft.

TOP OF LINER SURFACE AREA = 4,702 sq. ft.

TRAIL RIDGE 24-16-597 PIT LOCATION

SECTION 16,
TOWNSHIP 5 SOUTH,
RANGE 97 WEST OF THE SIXTH P.M.

136 East Third Street
Rifle, Colorado 81650
Ph. (970) 625-1330
Fax (970) 625-2773

BOOKCLIFF Survey Services, Inc.

Fox Engineering Solutions
670 Canyon Creek Dr.
Grand Junction, CO 81503

TRAIL RIDGE
24-16-597

DATE: 10/13/11
SHEET: 1 OF 1
PROJECT: HYDROTEST
DFT: SRB

Hydrostatic Testing Procedures for COGCC Earthen Pits

Version 5.0

Fox Engineering Solutions

The purpose for hydrostatic testing earthen pits is to comply with COGCC approval conditions for verifying the fluid holding integrity of the pit lining system. These procedures are specific to existing or active earthen pits holding oil and gas related fluids including, but not limited to, produced water. During testing, the pit shall have fluid level as high as practical, without encroaching into the 2 ft. freeboard, and the test shall be conducted for a minimum of 72 hours, if practical. Visible portions of the liner, including the anchor trench and seams, shall be inspected for defects. The test shall be scheduled and coordinated with personnel to ensure that oil and gas activities do not interfere with the test. Testing procedures may be subject to changes as dictated by field and climatic factors. All personnel involved with testing, while onsite, shall comply with their respective EH&S requirements.

- If practical, a sign shall be placed in a conspicuous location during the test stating “Hydrostatic Testing in Progress, Pit Closed to All Water Hauling Activities”. Contact information shall also be placed on the sign.
- A semi-permanent datum elevation point shall be established at the pit location. The surface area of the water surface and the surface area of the liner area, tributary to the pit shall be measured. The date and time of each measurement shall be documented.
- The pit fluid level; fluid surface area; and the lined surface area, tributary to the pit, shall be measured and recorded at the beginning of the test. The pit fluid level shall be measured again at the end of the test. A survey grade total station shall be utilized for accuracy to capture this information. The date and time of measurements shall be documented.
- A 4” diameter official rain gauge with funnel inlet shall be installed at the pit site. Precipitation shall be recorded for the duration of the hydrostatic test.
- Pan Evaporation shall be measured during the duration of the test following the procedures established by the National Weather Service – NOAA in the document entitled “National Weather Service - Observing Handbook No. 2, dated July 1989. A Class A evaporation pan shall be placed at the site, or as near as practical, with evaporation measured per established procedures.
- For the duration of the test, all inflows and outflows, such as truck and piped transfers, shall cease. If the cessation of inflows and outflows is not practical, all pit inflows and outflows shall be accurately metered and documented during the test. 24-hour surveillance monitoring may be warranted.
- If no precipitation has occurred during the test, compare the change in the pit fluid level with the recorded pan evaporation.
- If precipitation has occurred during the test, precipitation falling onto tributary portions of the liner, outside of the fluid surface area, must be added as an inflow to the pit and converted into inches of depth over the fluid surface area.
- The calculated change in pit level during the test is: $\Delta S = P + I - O - E$ (all measurements converted to inches)

  Where: ΔS = Change in pit storage
  P = Precipitation Inflow
  I = Measured Inflows
  O = Measured Outflows
  E = Evaporation
- The measured change in the pit fluid level shall be compared to the calculated change, utilizing precipitation and evaporation data, in the pit fluid level during the test duration. The test procedures and results will be reviewed and analyzed for discrepancies. If the test results indicate integrity issues with the lining system, the test will be repeated.