



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

DOCUMENT
#2222983

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.)

RECEIVED
2/22/2012

1. OGCC Operator Number: <u>96850</u>	4. Contact Name Karolina Blaney	Complete the Attachment Checklist OP OGCC
2. Name of Operator: <u>WPX Energy Rocky Mountain LLC</u>	Phone: <u>970 683 2295</u>	
3. Address: <u>1058 County Road 215</u> City: <u>Parachute</u> State: <u>CO</u> Zip: <u>81635</u>	Fax: <u>970 285 9573</u>	
5. API Number <u>05-NA</u>	OGCC Facility ID Number <u>414554</u>	Survey Plat
6. Well/Facility Name:	7. Well/Facility Number <u>14-28-696</u>	Directional Survey
8. Location (Qtr/Sec, Twp, Rng, Meridian): <u>SW 1/4 SW 1/4, S 28, T6S, R96W, 6TH P.M.</u>		Surface Eqmpt Diagram
9. County: <u>Garfield</u>	10. Field Name: <u>Grand Valley</u>	Technical Info Page <input checked="" type="checkbox"/>
11. Federal, Indian or State Lease Number:		Other <input checked="" type="checkbox"/>

General Notice

<input type="checkbox"/> CHANGE OF LOCATION: Attach New Survey Plat (a change of surface qtr/qtr is substantive and requires a new permit)							
Change of Surface Footage from Exterior Section Lines:	<table border="1"> <tr> <td></td> <td>FNL/FSL</td> <td>FEL/FWL</td> </tr> <tr> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> </tr> </table>		FNL/FSL	FEL/FWL	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	FNL/FSL	FEL/FWL					
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>					
Change of Surface Footage to Exterior Section Lines:	<input type="checkbox"/>						
Change of Bottomhole Footage from Exterior Section Lines:	<input type="checkbox"/>						
Change of Bottomhole Footage to Exterior Section Lines:	<input type="checkbox"/> attach directional survey						
Bottomhole location Qtr/Sec, Twp, Rng, Mer							
Latitude	Distance to nearest property line						
Longitude	Distance to nearest bldg, public rd, utility or RR						
Ground Elevation	Distance to nearest lease line						
	Is location in a High Density Area (rule 603b)? Yes/No <input type="checkbox"/>						
	Distance to nearest well same formation						
	Surface owner consultation date:						
GPS DATA:							
Date of Measurement	PDOP Reading						
	Instrument Operator's Name						
<input type="checkbox"/> CHANGE SPACING UNIT							
Formation	Formation Code						
Spacing order number	Unit Acreage						
	Unit configuration						
<input type="checkbox"/> Remove from surface bond Signed surface use agreement attached							
<input type="checkbox"/> CHANGE OF OPERATOR (prior to drilling):							
Effective Date:							
Plugging Bond: <input type="checkbox"/> Blanket <input type="checkbox"/> Individual							
<input type="checkbox"/> CHANGE WELL NAME NUMBER							
From:							
To:							
Effective Date:							
<input type="checkbox"/> ABANDONED LOCATION:							
Was location ever built? <input type="checkbox"/> Yes <input type="checkbox"/> No							
Is site ready for inspection? <input type="checkbox"/> Yes <input type="checkbox"/> No							
Date Ready for Inspection:							
<input type="checkbox"/> NOTICE OF CONTINUED SHUT IN STATUS							
Date well shut in or temporarily abandoned:							
Has Production Equipment been removed from site? <input type="checkbox"/> Yes <input type="checkbox"/> No							
MIT required if shut in longer than two years. Date of last MIT							
<input type="checkbox"/> SPUD DATE:							
<input type="checkbox"/> REQUEST FOR CONFIDENTIAL STATUS (6 mos from date casing set)							
<input type="checkbox"/> 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						
<input type="checkbox"/> RECLAMATION: Attach technical page describing final reclamation procedures per Rule 1004.							
Final reclamation will commence on approximately	<input type="checkbox"/> Final reclamation is completed and site is ready for inspection.						

Technical Engineering/Environmental Notice

<input type="checkbox"/> Notice of Intent	<input checked="" type="checkbox"/> Report of Work Done	
Approximate Start Date:	Date Work Completed: <u>6/28/2011</u>	
Details of work must be described in full on Technical Information Page (Page 2 must be submitted.)		
<input type="checkbox"/> Intent to Recomplete (submit form 2)	<input type="checkbox"/> Request to Vent or Flare	<input type="checkbox"/> E&P Waste Disposal
<input type="checkbox"/> Change Drilling Plans	<input type="checkbox"/> Repair Well	<input type="checkbox"/> Beneficial Reuse of E&P Waste
<input type="checkbox"/> Gross Interval Changed?	<input type="checkbox"/> Rule 502 variance requested	<input type="checkbox"/> Status Update/Change of Remediation Plans
<input type="checkbox"/> Casing/Cementing Program Change	<input checked="" type="checkbox"/> Other: <u>Form 15 COAs</u>	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: 2/22/2012 Email: Karolina.Blaney@WPXEnergy.com
 Print Name: Karolina Blaney Title: Environmental Specialist

COGCC Approved: _____ Title: _____ Date: _____

CONDITIONS OF APPROVAL, IF ANY:

TECHNICAL INFORMATION PAGE



FOR OGCC USE ONLY

1. OGCC Operator Number: _____ API Number: _____
2. Name of Operator: _____ OGCC Facility ID # _____
3. Well/Facility Name: _____ Well/Facility Number: _____
4. Location (QtrQtr, Sec, Twp, Rng, Meridian): _____

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**

Form 15



01631029

State of Colorado

Oil and Gas Conservation Commission

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



FOR OGCC USE ONLY

EARTHEN PIT REPORT/PERMIT

This form is to be used for both reporting and permitting pits. Rule 903 describes when a Permit with prior approval, or a Report within 30 days, is required for pits. Submit required attachments and forms.

Complete the Attachment Checklist

FORM SUBMITTED FOR:

Pit Report

Pit Permit

Oper OGCC

Attachment Checklist table with columns for Detailed Site Plan, Topo Map w/ Pit Location, Water Analysis (Form 25), Source Wells (Form 26), Pit Design/Plan & Cross Sect, Design Calculations, Sensitive Area Determ., Mud Program, Form 2A.

OGCC Operator Number: 96850
Name of Operator: Williams Production RMT Company
Address: 1058 CR 215
City: Parachute State: CO Zip: 81635

Contact Name and Telephone: Karolina Blaney
No: 970-683-2295
Fax: 970-285-9573

API Number (of associated well): N/A OGCC Facility ID (of other associated facility): PARACHUTE-67350

Pit Location (QtrQtr, Sec, Twp, Rng, Meridian): SW 1/4 SW 1/4, S28, T6S, R96W, 6th P.M. Loc 10 = 324069 and 335152

Latitude: 39.488729 N Longitude: -108.120349 W County: Garfield

Pit Use: [X] Production [] Drilling (Attach mud program) [] Special Purpose (Describe Use):

Pit Type: [X] Lined [] Unlined Surface Discharge Permit: [] Yes [X] No

Offsite disposal of pit contents: [X] Injection [] Commercial Pit/Facility Name: 14-28-696 Pit/Facility No:

Attach Form 26 to identify Source Wells and Form 25 to provide Produced Water Analysis results.

Existing Site Conditions

Is the location in a "Sensitive Area?" [X] Yes [] No Attach data used for determination.

Distance (in feet) to nearest surface water: 831 ft ground water: > 6.56 ft water wells: 956 ft

LAND USE (or attach copy of Form 2A if previously submitted for associated well) Select one which best describes land use:

Crop Land: [] Irrigated [] Dry Land [] Improved Pasture [] Hay Meadow [] CRP
Non-Crop Land: [X] Rangeland [] Timber [] Recreational [] Other (describe):
Subdivided: [] Industrial [] Commercial [] Residential

SOILS (or attach copy of Form 2A if previously submitted for associated well)

Soil map units form USNRCS survey: Sheet No: N/A Soil Complex/Series No: 47

Soils Series Name: Nihil channery loam, 6 to 25 percent slopes Horizon thickness (in inches): A: 0-11 ; B: 11-18 ; C: 18-60

Soils Series Name: Horizon thickness (in inches): A: ; B: ; C:

Attach detailed site plan and topo map with pit location.

Pit Design and Construction

Size of pit (feet): Length: 330 Width: 150 Depth: 16

Calculated pit volume (bbls): 101,000 Daily inflow rate (bbls/day): Variable

Daily disposal rates (attach calculations): Evaporation: N/A bbls/day Percolation: N/A bbls/day

Type of liner material: Synthetic polypropylene Thickness: 20 mil 40 mil

Attach description of proposed design and construction (include sketches and calculations).

Method of treatment of produced water prior to discharge into pit (separator, heater treater, other): N/A

Is pit fenced? [X] Yes [] No Is pit netted? [] Yes [X] No

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

Print Name: Karolina Blaney Signed: Karolina Blaney

Title: Environmental Specialist Date: 4/23/09

OGCC Approved: [Signature] Title: OGLA SUPERVISOR Date: 4/27/11

CONDITIONS OF APPROVAL, IF ANY:

FACILITY NUMBER: 414554

- OPERATOR WILL CONDUCT AND DOCUMENT TO OGCC A HYDROSTATIC TEST OF PIT LINER BY 6/30/11
OPERATOR WILL CONDUCT ADDITIONAL HYDROSTATIC TESTS TWICE PER YEAR UNLESS LINER SYSTEM IS UPGRADED WITH SECOND MINIMUM 24 mil LINER.
OPERATOR WILL PROVIDE A LIST OF SOURCE WATER WITH A FORM 26.
OPERATOR WILL PROVIDE ANALYTICAL DATA FOR A GRAB SAMPLE COLLECTED FROM PIT WATER ON A FORM 4.

Hydrostatic Test Results

**Hydrostatic Pit Testing
Data Collection & Computation Form**

Fox Engineering Solutions



Pit Owner: Williams Production RMT
Pit Name: 14-28-696 Starkey Production Pit
COGCC Facility No. 414554
Pit Location: SW1/4 SW1/4 S28, T6S, R96W, 6th P.M.
 Latitude: N 39.488729° Longitude: W 108.120349° NAD83
 Garfield County, Colorado
Approximate Elevation: 5400 ft. MSL
Test Conducted By: David Fox, Fox Engineering Solutions

Test Initiation:

Date: Feb. 9, 2012
 Time: 10:30 AM
 Total Duration: 72 hours

Test Termination:

Date: Feb. 12, 2012
 Time: 10:30 AM

	<u>Length</u>	<u>Width</u>	<u>Area</u>	<u>Comments</u>
Tributary Pit Liner Surface Area (ft ²):	-	-	50108 ft. ²	Surveyed by Bookcliff Survey
Initial Pit Water Surface Area:	-	-	33390 ft. ²	Surveyed by Bookcliff Survey
Final Pit Water Surface Area:	-	-	<u>33390</u> ft. ²	Surveyed by Bookcliff Survey
Average Pit Surface Area:			33390 ft. ²	

Initial Pit Fluid Level: 5493.790 ft.
Final Pit Fluid Level: 5493.796 ft
Difference -0.006 ft or
Est. Fluid Depth: 7 ft. -0.072 inches

Evaporation Pan Installed: Yes **Location:** **Measured Pan Evaporation:** 0.08 inches
 Winter conditions. No ice on pit surface. Evap pan ice-free at end of test. **during Test Duration**
Evaporation w/ Pan Coeff. 0.72 0.06 inches

Rain Gauge Installed: Yes **Location:** SE corner of pit **Recorded Precipitation:** 0.07 inches
Equivalent Precipitation: 0.04 inches

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

Calculated Change in Inches: -0.02 inches
 (Precipitation - Evaporation + Inflows - Outflows)

Measure Change in Inches: (+ indicates storage increased) 0.07 inches

Difference between Calculated and Measured Pit Fluid Level: 0.09 inches
 (0.008 feet)

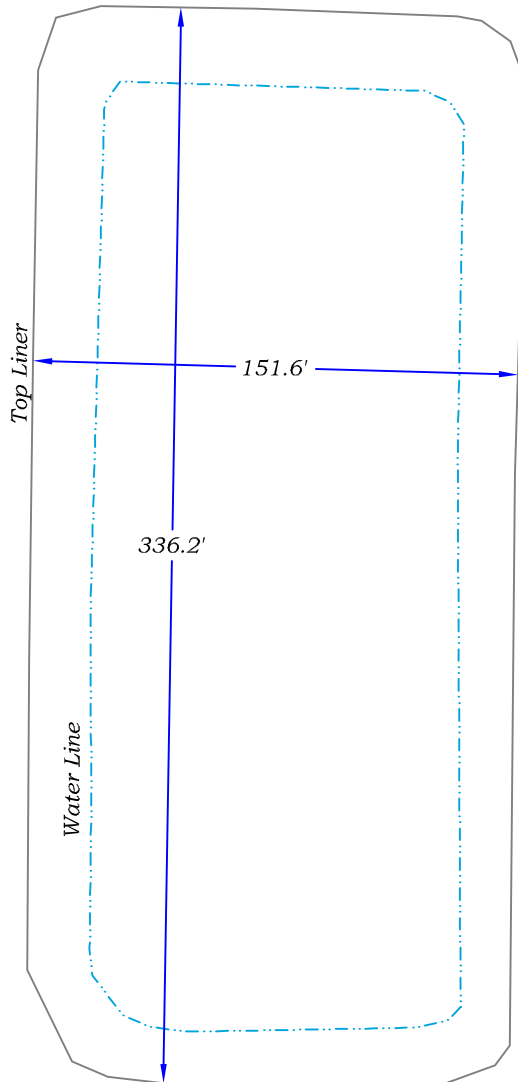
Summary: No observed loss of liner integrity. Measured fluid level drop correlated with measured evaporation and precipitation.
Weather: Variable weather with temps ranging from 17° to 45°. Rain/snow/sun during test.


Liner and Pit Condition: Fluid level at approximate 7' depth. Side slopes were covered with sediment.

Comments: Bookcliff Survey utilized a Trimble Total Station for required area and elevation measurements.
 Williams staff, Porter Cooley, notified about 72-hour hydrostatic testing.
 Williams staff and security guards reported no inflows or outflows during testing period.
 Williams place a security guard at the site during the duration of the test.

HYDROTEST EXHIBIT

STARKEY PIT 14-28-696




 Benchmark
 Elevation= 5506.80'



SCALE: 1"= 60'

14-28-696 PIT DETAILS

TEST @ 10:30A.M.

TOP WATER ELEV. (FEBRUARY 9, 2012)= 5493.790'
 TOP WATER ELEV. (FEBRUARY 12, 2012)= 5493.796'

TOP OF LINER SURFACE AREA = 50,108 sq. ft.
 TOP WATER SURFACE AREA = 33,390 sq. ft.
 TRIBUTARY AREA = 16,718 sq. ft.

14-28-696 PIT LOCATION

SW1/4SW1/4 SECTION 28,
 TOWNSHIP 6 SOUTH,
 RANGE 96 WEST OF THE SIXTH P.M.

COSP NAD83 CENTRAL ZONE
 LATITUDE: 39.488626°
 LONGITUDE: -108.120592°

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



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

WPX ENERGY
 STARKEY PIT 14-28-696

DATE: 2/12/12
 SHEET: 1 OF 1
 PROJECT: HYDROTEST
 DFT: SRB

Hydrostatic Testing Procedures for COGCC Earthen Pits

Vers. 6.0 12-15-11 ©



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.
- During ice-free periods, 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. During ice-over periods at the pit, evaporation is assumed negligible and evaporation measurements will not be taken.
- 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. During ice-over periods, compare the pit levels taken at the start and end of the tests.
- If precipitation has occurred during the test, precipitation falling onto tributary portions of the liner, outside of the fluid surface area, may be added as an inflow to the pit and converted into inches of depth over the fluid surface area. During ice-over and snow conditions, precipitation inflow from tributary portions of the liner may be estimated from snow depth and corresponding water equivalent comparisons at the start and termination of the test. Other factors may also be utilized.
- The calculated change in pit level during the test is: $\Delta L = P + I - O - E$ (all measurements converted to inches)
Where: ΔL = Change in pit fluid level P = Precipitation Inflow E = Evaporation
 I = Measured Inflows O = Measured Outflows
- 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.