

State of Colorado
Oil and Gas Conservation Commission

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



RECEIVED
MAR 30 2012
COGCC/Rifle Office

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	4. Contact Name: Karolina Blaney	Complete the Attachment Checklist OP OGCC
2. Name of Operator: WPX Energy Rocky Mountain LLC	Phone: 970 683 2295	
3. Address: 1058 County Road 215 City: Parachute State: CO Zip: 81635	Fax: 970 285 9573	
5. API Number 05-NA	OGCC Facility ID Number 428428	Survey Plat
6. Well/Facility Name:	7. Well/Facility Number Mautz Ranch	Directional Survey
8. Location (Qtr/Sec, Twp, Rng, Meridian): SENW S19 T25 R98W 6TH P.M.		Surface Eqmpt Diagram
9. County: Garfield	10. Field Name: Ryan Gulch	Technical Info Page <input checked="" type="checkbox"/>
11. Federal, Indian or State Lease Number:		Other <input checked="" type="checkbox"/>



General Notice

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:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Change of Surface Footage to Exterior Section Lines:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Change of Bottomhole Footage from Exterior Section Lines:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Change of Bottomhole Footage to Exterior Section Lines:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Bottomhole location Qtr/Sec, Twp, Rng, Mer _____ attach directional survey

Latitude _____ Distance to nearest property line _____ Distance to nearest bldg, public rd, utility or RR _____

Longitude _____ Distance to nearest lease line _____ Is location in a High Density Area (rule 603b)? Yes/No

Ground Elevation _____ Distance to nearest well same formation _____ 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.)

<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: Form 15 COAs	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: 3/30/2012 Email: Karolina.Blaney@WPXEnergy.com
Print Name: Karolina Blaney Title: Environmental Specialist

COGCC Approved: Daniel Kulcha Title: Location Assessment Specialist Date: 3-30-12
CONDITIONS OF APPROVAL, IF ANY:

COA #22 has been revised as requested (see attached COA list)
Pit Facility ID# 428428

TECHNICAL INFORMATION PAGE



FOR OGCC USE ONLY

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1. OGCC Operator Number: 96850 API Number: _____
2. Name of Operator: WPX Energy Rocky Mountain LLC OGCC Facility ID # _____
3. Well/Facility Name: _____ Well/Facility Number: Mautz Ranch Pit
4. Location (QtrQtr, Sec, Twp, Rng, Meridian): SENW S19 T2S R98W 6TH P.M.

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**

The purpose of this Form 4 is to request COGCC's approval to hydrotest the Mautz Ranch multi-well pit with produced water instead of fresh water as required by the Form 15 COA #22 (see attached). The pit will be filled with produced water up to 90% of the working capacity and hydrotested for 72 hours.

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MAR 23 2011
COGCC

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

	OGCC
Detailed Site Plan	<input type="checkbox"/>
Topo Map w/ Pit Location	<input type="checkbox"/>
Water Analysis (Form 25)	<input type="checkbox"/>
Source Wells (Form 25)	<input type="checkbox"/>
Production/Injection & Completion	<input type="checkbox"/>
Design Calculations	<input type="checkbox"/>
Sensitive Area Determination	<input type="checkbox"/>
Mud Program	<input type="checkbox"/>
Form 2A	<input checked="" type="checkbox"/>

OGCC Operator Number: 88880
 Name of Operator: Williams Production RMT
 Address: 1058 County Rd 215
 City: Parachute State: CO Zip: 81635

Contact Name and Telephone:
Kerline Blaney
 No: 970 683-2295
 Fax: (970) 285-8573

API Number (if associated well): _____ OGCC Facility ID (if other associated facility): _____
 Pit Location (City, Sec, Twp, Rng, Meridian): SE1/4 S19 T25 R88W 6th
 Latitude: 39.51485601 Longitude: -108.26145334 County: _____
 Pit Use: Production Drilling (Attach mud program) Special Purpose (Describe Use): Multi Well
 Pit Type: Lined Unlined Surface Discharge Permit: Yes No
 Official disposal of pit contents: Injection Commercial Pit/Facility Name: Mantz Ranch Pit/Facility No: _____
 Attach Form 24 to identify Source Wells and Form 25 to provide Produced Water Analysis results.

Existing Site Conditions

Is the location in a "sensitive Area?" Yes No Attach data used for determination.
 Distance (in feet) to nearest surface water: 349 ground water: 47 water wells: 14062
 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: 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 from USNRCS survey: Sheet No: _____ Soil Complex/Series No: 6
 Soils Series Name: Sarcus Horizon thickness (in inches): A: 0-6 ; B: 6-16 ; C: 16-60
 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: 350 Width: 150 Depth: 15
 Calculated pit volume (bbls): 22100 Daily inflow rate (bbls/day): _____
 Daily disposal rates (attach calculations): Evaporation: NA bbls/day Percolation: NA bbls/day
 Type of liner material: Synthetic Polyethylene and geosynthetic clay liner Thickness: 60 mil & 36 mil (see attachment)
 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): _____
 Is pit fenced? Yes No Is pit netted? Yes No

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

Print Name: Kerline Blaney Signed: Kerline Blaney
 Title: Environmental Specialist Date: 1/3/2011

OGCC Approved: Daryl Kulyk Title: Location Assessment Specialist Date: 4-8-11

CONDITIONS OF APPROVAL, IF ANY:

FACILITY NUMBER: _____

See Attached

Williams Production RMT, Mautz Ranch Multi Well Pit, SENW Sec 19 T2S R98W, Rio Blanco County, Form 15 Pit Permit (#400267136) Conditions of Approval, Associated Form 2A #400132276; OGCC Location ID#422672; OGCC Pit ID#428428

COA 21 - Operator must comply with all provisions of the June 12, 2008 Notice to Operators (NTO) Drilling Wells Within $\frac{3}{4}$ Mile of the Rim of the Roan Plateau in Garfield County – Pit Design, Construction, and Monitoring Requirements.

COA 90 - Notify COGCC Oil and Gas Location Assessment (OGLA) Specialist for Western Colorado (Dave Kubeczko; email dave.kubeczko@state.co.us) and the COGCC Field Inspection Supervisor for Northwest Colorado (Shaun Kellerby; email shaun.kellerby@state.co.us) 48 hours prior to start of construction of the pad and pit.

COA 22 - After installation of the uppermost liner and prior to operating the pit, the synthetic liner(s) shall be tested by filling the pit with produced water up to 90 percent of the working capacity, not to exceed the 2-foot freeboard requirement. The operator shall monitor the pit for leaks for a period of 72 hours prior to commencing operations.. Operator shall notify the COGCC Oil and Gas Location Assessment (OGLA) Specialist for Western Colorado (Dave Kubeczko; email dave.kubeczko@state.co.us) 48 hours prior to start of the hydrotest. Hydrotest monitoring results must be maintained by the operator for the life of the pit and provided to COGCC prior to using the pit.

COA 23 - Operator must ensure 110 percent secondary containment for any volume of fluids contained at the water handling facility site during natural gas development activities and operations; including, but not limited to, construction of a berm or diversion dike, diversion/collection trenches within and/or outside of berms/dikes, site grading, or other comparable measures (i.e., best management practices (BMPs) associated with stormwater management) sufficiently protective of nearby surface water. Any berm constructed at the well pad location will be stabilized, inspected at regular intervals (at least every 14 days), and maintained in good condition.

COA 5 - Operator must implement best management practices to contain any unintentional release of fluids, including any fluids conveyed via buried or temporary surface pipelines.

COA 39 - No portion of any pit that will be used to hold liquids shall be constructed on fill material, unless the pit and fill slope are designed and certified by a professional engineer, subject to review and approval by the director prior to construction of the pit. The construction and lining of the pit shall be supervised by a professional engineer or their agent. The entire base of the pit must be in cut.

COA 47 - The completion/flowback fluids multi-well pit must be double-lined. The pit will also require a leak detection system (Rule 904.e).

COA 48 - Operator must submit a professional engineer (PE) approved/stamped as-built drawing (plan view and cross-sections) of the completion/flowback pit within 14 calendar days of construction.

COA 41 - The nearby hillside and any fill-material bermed portions of the pit must be monitored for any day-lighting of fluids throughout pit operations.

COA 49 - The completion/flowback fluids multi-well pit must be fenced and netted. The operator must maintain the fencing and netting until the pit is closed in accordance with Rule 905. Closure of Pits, and Buried or Partially Buried Produced Water Vessels.

COA 25 - Flowback and stimulation fluids must be sent to tanks to allow the sand to settle out before the fluids can be placed into any pipeline or pit. The flowback and stimulation fluid tanks must be placed on the pad in an area with additional downgradient perimeter berming. The area where flowback fluids will be

stored/reused must be constructed to be sufficiently impervious to contain any spilled or released material (per Rule 604.a.(4)).

COA 27 - Submit additional disposal facilities (wells, pits, etc.) for pit contents to COGCC via a Form 4 Sundry prior to disposal.

COA 20 - Surface water samples from the ditch and Ryan Gulch (both upgradient and downgradient of the proposed multi well pit) shall be collected prior to pit use and every 12 months to evaluate potential impacts from pit operations. At a minimum, the surface water samples will be analyze for the following parameters: major cations/anions (chloride, fluoride, sulfate, sodium); total dissolved solids (TDS); and BTEX/DRO.

COA 91 - At the time of pit closure, operator must submit disposal information via a Form 4 Sundry Notice to the COGCC Location Specialist for Western Colorado (Dave Kubeczko; email dave.kubeczko@state.co.us). The disposal method will need to be approved prior to operator starting pit closure. In addition, operator will collect a pit water sample and, at a minimum, analyze for the following parameters: pH; alkalinity; specific conductance; major cations/anions (chloride, fluoride, sulfate, sodium); total dissolved solids (TDS); BTEX/DRO; TPH; PAH's (including benzo[a]pyrene); and metals (arsenic, barium, calcium, chromium, iron, magnesium, selenium). At the time of closure/disposal of pit water, COGCC may require additional analytes, as appropriate.