

State of Colorado
Oil and Gas Conservation Commission
1120 Lincoln Street, Suite 801, Denver, Colorado 80203 Phone: (303)894-2100 Fax: (303)894-2109DOCUMENT
#2215358

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
8/16/2011

1. OGCC Operator Number: 69175	4. Contact Name: Ed Winters	Complete the Attachment Checklist
2. Name of Operator: PDC Energy	Ed Winters	
3. Address: 120 N. Railroad, Suite D	Phone: (970) 285-9606	
City: Parachute State: CO Zip: 81635	Fax: (970) 285-9619	OP OGCC
5. API Number: 05-045-97771	OGCC Facility ID Number	Survey Plat
6. Well/Facility Name: Unocal 4 Pad 13-40	7. Well/Facility Number: Unocal 13-40	Directional Survey
8. Location (Qtr/Qtr, Sec, Twp, Rng, Meridian): NESW Sec. 4 T6S R96W		Surface Eqpm Diagram X
9. County: Garfield	10. Field Name: Mesa	Technical Info Page X
11. Federal, Indian or State Lease Number:		Other

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:	<input type="checkbox"/> FNL/FSL <input type="checkbox"/> FEL/FWL
Change of Surface Footage to Exterior Section Lines:	<input type="checkbox"/> FNL/FSL <input type="checkbox"/> FEL/FWL
Change of Bottomhole Footage from Exterior Section Lines:	<input type="checkbox"/> FNL/FSL <input type="checkbox"/> FEL/FWL
Change of Bottomhole Footage to Exterior Section Lines:	<input type="checkbox"/> FNL/FSL <input type="checkbox"/> FEL/FWL attach directional survey
Bottomhole location Qtr/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
	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	<input type="checkbox"/> Remove from surface bond
Formation	Signed surface use agreement attached
Formation Code	
Spacing order number	
Unit Acreage	
Unit configuration	
<input type="checkbox"/> CHANGE OF OPERATOR (prior to drilling):	<input type="checkbox"/> CHANGE WELL NAME
Effective Date:	From:
Plugging Bond: <input type="checkbox"/> Blanket <input type="checkbox"/> Individual	To:
	Effective Date:
<input type="checkbox"/> ABANDONED LOCATION:	<input type="checkbox"/> NOTICE OF CONTINUED SHUT IN STATUS
Was location ever built? <input type="checkbox"/> Yes <input type="checkbox"/> No	Date well shut in or temporarily abandoned:
Is site ready for inspection? <input type="checkbox"/> Yes <input type="checkbox"/> No	Has Production Equipment been removed from site? <input type="checkbox"/> Yes <input type="checkbox"/> No
Date Ready for Inspection:	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 checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Report of Work Done	
Approximate Start Date: 1 Sept 2011	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: E&P Waste transfer	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: Edward T. Winters
Print Name: Edward T. WintersDate: 16 Aug 2011 Email: ewinters@petal.com
Title: Environmental Field Coordinator

COGCC Approved:

Title

Date:

CONDITIONS OF APPROVAL, IF ANY:

TECHNICAL INFORMATION PAGE



FOR OGCC USE ONLY

- | | | | |
|--|----------------------|-----------------------|--------------|
| 1. OGCC Operator Number: | 69175 | API Number: | |
| 2. Name of Operator: | PDC Energy | OGCC Facility ID # | |
| 3. Well/Facility Name: | Unocal 4 Pad | Well/Facility Number: | Unocal 13-4D |
| 4. Location (QtrQtr, Sec, Twp, Rng, Meridian): | NESW Sec. 4 T6S R96W | | |

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

See attached waste management plan and associated appendices'.

**PDC Energy – Parachute District
Waste Management Plan for the use of Roll-off containers**

SCOPE OF WORK

PDC Energy is proposing to use specially designed, water tight roll-off containment units for the collection of flow back sands resulting from cleaning frac tanks and separators. These containers will have a separation screen inside the vessel that is lined with a 250 micron filter membrane. This will allow the solid material to be suspended above the floor of the container and permit fluid to collect in the bottom. Fluids collected at the bottom of the container will be removed and transported to the PDC's COGCC approved produced water transfer facility or disposed of at the PDC SWD facility utilizing vacuum trucks. The solid material will be disposed of at an approved disposal facility. PDC reserves the right to treat and remediate the solid material and reuse once the material meets COGCC Concentration Levels in Table 910-1.

BACKGROUND

Roll-off units will be placed at the Unocal 4 location. Tanks and separators will be cleaned into a vacuum truck and transported from the various locations to the units. This activity is not intended to extend past three years therefore maintaining a temporary status and not subject to Rule 908. PDC is currently exploring E&P waste management options including a Centralized E&P Waste Management Facility.

HISTORY OF THE FACILITIES

Unocal 4: NESW Sec. 4 T6S R96W at an elevation of 5770'

The Unocal 4 location was built in 2001 with drilling operation completed by March of 2002. The location has three producing wells. These wells are:

- Unocal 13-4D
- Unocal 23-4D
- Unocal 24-4D

VOLUME OF MATERIAL

The amount of material that can be collected during this cleaning process is undetermined. However, the maximum capacity of a roll-off unit is 28 cubic yards. PDC will not exceed 75% total capacity of the roll-off unit.

SAMPLING

The material will be sampled to determine adequacy for disposal or beneficial reuse once the roll-off unit is at full capacity. Sample analysis will include appropriate parameters in accordance with COGCC Table 910-1.

ENVIRONMENTAL PROTECTION

Roll-off containers will be placed within a lined, secondary containment area that is filled with ballast separate from the existing production facilities. The liner material is 30 mil thickness. The area will be constructed so that it exceeds 110% of the solid free area of the containment vessel. Drip pans will be placed beneath any valves that are utilized for fluid transfer.

REPORTING

PDC will follow Rule 907 (a) for reuse of material and 907(b) for the transportation of waste to a disposal facility. PDC will also provide an annual report to include:

- Summary of any spills, incidents, upset conditions and the appropriate corrective action
- Changes to the operating plan and equipment
- A summary of waste generated as per Rule 907(b)

LANDOWNER APPROVAL

See appendix A

SITE LOCATION

See Appendix B

DECOMMISSIONING

PDC will pursue decommissioning and closure of this temporary facility as per the guidelines described in Rule 909.

APPENDIX A

Notification of activity in relation to drilling, completion and daily operational requirements for lands owned by EnCana and leased to PDC Energy are not required.

APPENBIX B

Unocal 4Pad and Roll-off container location

