

FORM 4
 Rev 12/05

Page 1

State of Colorado
 Oil and Gas Conservation Commission

1120 Lincoln Street, Suite 601, Denver, Colorado 80203 Phone: (303)854-2100 Fax: (303)894-2109



SE	ET	EE	ES

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: 69175	4. Contact Name: Ed Winters	Complete the Attachment Checklist OP OGCC
2. Name of Operator: PDC Energy	Phone: 970-285-9806	
3. Address: 120 Railroad Ave. STE D City: Parachute State: CO Zip: 81635	Fax: 970-285-9619	
5. API Number: 05-045-13234	OGCC Facility ID Number: 335618	Survey Plat
6. Well/Facility Name: PDC Unocal-Encana	7. Well/Facility Number: 23A-4D	Directional Survey
8. Location (Qtr/Clr, Sec, Twp, Rng, Meridian): NESW, Sec 4, T6S, R96W, 6 PM		Surface Eqpm Diagram
9. County: Garfield	10. Field Name: Grand Valley	Technical Info Page
11. Federal, Indian or State Lease Number:		Other

General Notice

CHANGE OF LOCATION: Attach New Survey Plat (a change of surface qtr/qr 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/Clr, Sec, Twp, Rng, Mer: _____

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: _____

attach directional survey

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: 11-18-2011

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: Arsenic/closure	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: Ed Winters Date: 21 May 2013 Email: edward.winters@pdc.com
 Print Name: Ed Winters Title: Environmental, Health and Safety Professional

COGCC Approved: ACE for Alex Fischer Title: West Env. Super Date: 4/15/15

CONDITIONS OF APPROVAL, IF ANY:

TECHNICAL INFORMATION PAGE



FOR OGCC USE ONLY

1. OGCC Operator Number:	69175	API Number:	05-045-13234
2. Name of Operator:	PDC Energy	OGCC Facility ID #	335618
3. Well/Facility Name:	PDC Unocal-Encana	Well/Facility Number:	23A-4D
4. Location (QtrQtr, Sec, Twp, Rng, Meridian):	NESW, Sec 4, T6S, R96W, 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

Arsenic:

This COGCC Form 4 is being submitted as a request to consider background concentrations for arsenic at the PDC Unocal-Encana 23A-4D well pad. This request is related to a produced water release (COGCC spill/tracking #2230294) at the subject facility in accordance with footnote 1 to the COGCC Table 910-1.

One confirmation sample was collected from a location within the impacted area to ascertain the arsenic concentrations.

This request is based on analytical results below (see attached analytical reports)

Confirmation Sample: 1.9 mg/kg

Three (3) background samples were collected from the undisturbed hillside adjacent to the well pad. The samples were analyzed for arsenic. One sample was also analyzed for inorganic constituents (SAR, EC, pH) of the COGCC Table 910-1. Samples were collected at one and a half (1.5) feet below the ground surface.

Background 1: 18 mg/kg
Background 2: 8.4 mg/kg
Background 3: 9.2 mg/kg

Average: 11.8 mg/kg

PDC Energy is requesting this approval in order to proceed with closure activities at the Unocal-Encana 23A-4D well pad.