

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	OE	ES
Document Number: <u>400865419</u> Date Received:			

SUNDRY NOTICE

Submit a signed original. This form is to be used for general, technical and environmental sundry information. For proposed or completed operations, describe in full in Comments or provide as an attachment. Identify Well by API Number; identify Oil and Gas Location by Location ID Number; identify other Facility by Facility ID Number.

OGCC Operator Number: <u>100185</u> Contact Name <u>Chris Hines</u>					Complete the Attachment Checklist <div>OP</div> <div>OGCC</div>		
Name of Operator: <u>ENCANA OIL & GAS (USA) INC</u> Phone: <u>(970) 285-2653</u>							
Address: <u>370 17TH ST STE 1700</u> Fax: <u>()</u>							
City: <u>DENVER</u> State: <u>CO</u> Zip: <u>80202-5632</u> Email: <u>chris.hines@encana.com</u>							
API Number : 05- <u>077</u> <u>00</u> OGCC Facility ID Number: <u>424424</u>					Survey Plat		
Well/Facility Name: <u>Federal</u> Well/Facility Number: <u>2-6H (PL35NW)</u>					Directional Survey		
Location QtrQtr: <u>SENW</u> Section: <u>35</u> Township: <u>9S</u> Range: <u>94W</u> Meridian: <u>6</u>					Srvc Eqpmt Diagram		
County: <u>MESA</u> Field Name: _____					Technical Info Page		
Federal, Indian or State Lease Number: _____					Other		

CHANGE OF LOCATION OR AS BUILT GPS REPORT

- ☐ Change of Location * ☐ As-Built GPS Location Report ☐ As-Built GPS Location Report with Survey

* Well location change requires new plat. A substantive surface location change may require new Form 2A.

SURFACE LOCATION GPS DATA Data must be provided for Change of Surface Location and As Built Reports.

Latitude _____ PDOP Reading _____ Date of Measurement _____
Longitude _____ GPS Instrument Operator's Name _____

LOCATION CHANGE (all measurements in Feet)

Well will be: (Vertical, Directional, Horizontal)

Change of **Surface** Footage **From** Exterior Section Lines:

Change of **Surface** Footage **To** Exterior Section Lines:

Current **Surface** Location **From** QtrQtr **SENW** Sec **35**

New **Surface** Location To QtrQtr Sec

Change of **Top of Productive Zone** Footage **From** Exterior Section Lines:

Change of **Top of Productive Zone** Footage To Exterior Section Lines:

Current	Top of Productive Zone Location	From	Sec

New **Top of Productive Zone** Location To Sec

Change of **Bottomhole** Footage **From** Exterior Section Lines:

Change of **Bottomhole** Footage To Exterior Section Lines:

Current **Bottomhole** Location Sec Twp

New **Bottomhole** Location Sec Twp

Is location in High Density Area?

Distance, in feet, to nearest building _____, public road: _____, above ground utility: _____, railroad: _____,

property line: _____, lease line: _____, well in same formation: _____

Ground Elevation feet Surface owner consultation date

Survey Plat		
Directional Survey		
Srfc Eqpmt Diagram		
Technical Info Page		
Other		

Complete the Attachment Checklist

OP OGCC

FNL/FSL		FEL/FWL		
1325	FNL	2172	FWL	
Twsp	9S	Range	94W	Meridian
Twsp		Range		Meridian
				**
Twsp		Range		
Twsp		Range		
				**
Range		** attach deviated drilling plan		
Range				

** attach deviated drilling plan

OTHER CHANGES

☐ **REMOVE FROM SURFACE BOND** Signed surface use agreement is a required attachment

☐ **CHANGE OF WELL, FACILITY OR OIL & GAS LOCATION NAME OR NUMBER**

From: Name FEDERAL Number 2-6H (PL35NW) Effective Date: _____

To: Name _____ Number _____

☐ **ABANDON PERMIT: Permit can only be abandoned if the permitted operation has NOT been conducted. Field inspection will be conducted to verify site status.**

☐ WELL: Abandon Application for Permit-to-Drill (Form2) – Well API Number _____ has not been drilled.

☐ PIT: Abandon Earthen Pit Permit (Form 15) – COGCC Pit Facility ID Number _____ has not been constructed (Permitted and constructed pit requires closure per Rule 905)

☐ CENTRALIZED E&P WASTE MANAGEMENT FACILITY: Abandon Centralized E&P Waste Management Facility Permit (Form 28) – Facility ID Number _____ has not been constructed (Constructed facility requires closure per Rule 908)

OIL & GAS LOCATION ID Number: _____

☐ Abandon Oil & Gas Location Assessment (Form 2A) – Location has not been constructed and site will not be used in the future.

☐ Keep Oil & Gas Location Assessment (Form 2A) active until expiration date. This site will be used in the future.

Surface disturbance from Oil and Gas Operations must be reclaimed per Rule 1003 and Rule 1004.

☐ **REQUEST FOR CONFIDENTIAL STATUS**

☐ **DIGITAL WELL LOG UPLOAD**

☐ **DOCUMENTS SUBMITTED** Purpose of Submission: _____

RECLAMATION

INTERIM RECLAMATION

☐ Interim Reclamation will commence approximately _____

Per Rule 1003.e.(3) operator shall submit Sundry Notice reporting interim reclamation is complete and site is ready for inspection when vegetation reaches 80% coverage.

☐ Interim reclamation complete, site ready for inspection.

Per Rule 1003.e(3) describe interim reclamation procedure in Comments below or provide as an attachment and attach required location photographs.

Field inspection will be conducted to document Rule 1003.e. compliance

FINAL RECLAMATION

☐ Final Reclamation will commence approximately _____

Per Rule 1004.c.(4) operator shall submit Sundry Notice reporting final reclamation is complete and site is ready for inspection when vegetation reaches 80% coverage.

☐ Final reclamation complete, site ready for inspection. Per Rule 1004.c(4) describe final reclamation procedure in Comments below or provide as an attachment.

Field inspection will be conducted to document Rule 1004.c. compliance

Comments:

ENGINEERING AND ENVIRONMENTAL WORK

☐ NOTICE OF CONTINUED TEMPORARILY ABANDONED STATUS

Indicate why the well is temporarily abandoned and describe future plans for utilization in the COMMENTS box below or provide as an attachment, as required by Rule 319.b.(3).

Date well temporarily abandoned _____ Has Production Equipment been removed from site? _____

Mechanical Integrity Test (MIT) required if shut in longer than 2 years. Date of last MIT _____

☐ SPUD DATE: _____

TECHNICAL ENGINEERING AND ENVIRONMENTAL WORK

Details of work must be described in full in the COMMENTS below or provided as an attachment.

☐ NOTICE OF INTENT Approximate Start Date _____

☒ REPORT OF WORK DONE Date Work Completed 09/13/2012

- | | | |
|--|---|--|
| <input type="checkbox"/> Intent to Recomplete (Form 2 also required) | <input type="checkbox"/> Request to Vent or Flare | <input type="checkbox"/> E&P Waste Mangement Plan |
| <input type="checkbox"/> Change Drilling Plan | <input type="checkbox"/> Repair Well | <input type="checkbox"/> Beneficial Reuse of E&P Waste |
| <input type="checkbox"/> Gross Interval Change | <input type="checkbox"/> Rule 502 variance requested. Must provide detailed info regarding request. | |
| <input checked="" type="checkbox"/> Other <u>cuttings burial</u> | <input type="checkbox"/> Status Update/Change of Remediation Plans for Spills and Releases | |

COMMENTS:

This form is being submitted to document onsite burial of drill cuttings during interim reclamation efforts completed September 13, 2012 on the PL35NW well pad (424424).

After completion of drilling operations, representative composite samples of the drill cuttings stockpile were collected and submitted to a laboratory for analysis of COGCC Table 910-1 constituents of concern. The initial sample and a series of confirmation samples identified the organic constituent TPH above allowable limits. In response to persistent TPH exceedances in the cuttings stockpile, and in support of scheduled interim reclamation, an in-situ remediation plan was developed.

During interim reclamation, approximately 3,000 cubic yards of drill cuttings were buried in the cut slope on the southwest side of the location. Prior to burial, the stockpile was amended with manure and fertilizer. The amended stockpile was placed and oriented to limit the likelihood of disturbance to buried material or the native cap during future reoccupations or final reclamation. To maximize the potential for successful revegetation during reclamation, a minimum of three feet of native material is used to cap all impacted and potentially impacted material.

After completion of interim reclamation, an environmental consultant with support of a drilling contractor completed 14 borings and installed seven screened wells to support in-situ bioremediation of the stockpile. Each well was capped with a wind-powered ventilator turbine. The soil borings selected for well installs were determined through field screening with a hydrocarbon field test kit. Samples were also collected for laboratory analysis to confirm field screening results. One of the seven samples had a slightly elevated TPH result, while the other six samples were below the allowable concentration, and the average concentration for the seven samples is below the allowable concentration.

The inorganic constituent SAR was above the allowable limit, but the cuttings stockpile was buried below the agronomic zone where this constituent should have no effect on revegetation efforts. Encana requests that the COGCC consider the reclamation purpose of listing the inorganic constituents and the physical disposition of these materials as an alternative to the allowable levels listed in COGCC Table 910-1.

The metal constituent arsenic is also above the allowable limit, but is within the range of background values for this area. Based on these results and Footnote 1 to COGCC Table 910-1, Encana requests that the COGCC consider the higher range of background arsenic values as the allowable concentration for this constituent.

H2S REPORTING

Data Fields in this section are intended to document Sample and Location Data associated with the collection of a Gas Sample that is submitted for Laboratory Analysis.

Gas Analysis Report must be attached.

H2S Concentration: _____ in ppm (parts per million) Date of Measurement or Sample Collection _____

Description of Sample Point:

Absolute Open Flow Potential _____ in CFPD (cubic feet per day)

Description of Release Potential and Duration (If flow is not open to the atmosphere, identify the duration in which the container or pipeline would likely be opened for servicing operations.):

Distance to nearest occupied residence, school, church, park, school bus stop, place of business, or other areas where the public could reasonably be expected to frequent: _____

Distance to nearest Federal, State, County, or municipal road or highway owned and principally maintained for public use: _____

COMMENTS:

Best Management Practices

No BMP/COA Type

Description

--	--

Operator Comments:

Attention Carlos Lujan. See email correspondence for complete document and corrections.

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

Signed: _____ Print Name: Chris Hines

Title: Environmental Specialist Email: chris.hines@encana.com Date: _____

Based on the information provided herein, this Sundry Notice (Form 4) complies with COGCC Rules and applicable orders and is hereby approved.

COGCC Approved: _____ Date: _____

CONDITIONS OF APPROVAL, IF ANY:**General Comments**

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
--------------------------	-----------------------	----------------------------

--	--	--

Total: 0 comment(s)

Attachment Check List

<u>Att Doc Num</u>	<u>Name</u>
---------------------------	--------------------

400865420	OTHER
-----------	-------

Total Attach: 1 Files