

**State of Colorado
Oil and Gas Conservation Commission**

1120 Lincoln Street, Suite 801, Denver, Colorado 80205 Phone: (303) 894-2100 Fax: (303) 894-2109



DE	ET	OE	ES
Document Number: 400422662			

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: 100185 Contact Name Chris McRickard
 Name of Operator: ENCANA OIL & GAS (USA) INC Phone: (720) 876-5586
 Address: 370 17TH ST STE 1700 Fax: (720) 876-6584
 City: DENVER State: CO Zip: 80202-5632 Email: chris.mcrickard@encana.com

Complete the Attachment
Checklist

OP OGCC

API Number : 05- 123 36853 00 OGCC Facility ID Number: 431906
 Well/Facility Name: State Well/Facility Number: 1D-16H
 Location QtrQtr: SENE Section: 16 Township: 3N Range: 68W Meridian: 6
 County: WELD Field Name: WATTENBERG
 Federal, Indian or State Lease Number: 1392

Survey Plat	
Directional Survey	
Srfc Eqpmt Diagram	
Technical Info Page	
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:

FNL/FSL	FEL/FWL
<input type="text" value="1583"/> FNL	<input type="text" value="465"/> FEL

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

<input type="text"/>	<input type="text"/>
----------------------	----------------------

Current **Surface** Location **From** QtrQtr Sec

Twp Range Meridian

New **Surface** Location **To** QtrQtr Sec

Twp Range Meridian

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

<input type="text" value="1203"/> FNL	<input type="text" value="765"/> FEL
---------------------------------------	--------------------------------------

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

<input type="text"/>	<input type="text"/>	**
----------------------	----------------------	----

Current **Top of Productive Zone** Location **From** Sec

Twp Range

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

Twp Range

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

<input type="text" value="1150"/> FNL	<input type="text" value="460"/> FWL
---------------------------------------	--------------------------------------

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

<input type="text"/>	<input type="text"/>	**
----------------------	----------------------	----

Current **Bottomhole** Location Sec Twp Range

** attach deviated drilling plan

New **Bottomhole** Location Sec Twp Range

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 _____

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 05/21/2013

REPORT OF WORK DONE Date Work Completed _____

<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>UNPLANNED SIDETRACK</u>	<input type="checkbox"/> Status Update/Change of Remediation Plans for Spills and Releases	

COMMENTS:

See Attached Document Wellbore diagram.

A. Explain the situation that has resulted in the need to sidetrack

- After drilling the 8 3/4" hole to landing point @ 7686' MD, 7161' TVD, Inclination 92.1 and Azimuth 269.6 we began our clean-up cycle to condition hole and prepare for 7" casing run.
- At the end of the clean-up cycle there was a differential pressure spike to 1680 psi and an immediate loss of 300 – 330 psi off bottom pressure.
- We tripped out of the hole to find that 28.1' of the mud motor, and the bit (1') had separated from the bottom hole assembly, and were left in the hole.
- The first attempt to fish the items left in hole was unsuccessful, which prompted a clean out run, utilizing an 8 3/4" mill tooth bit and drill collars. We tripped in the hole and tagged the fish at 7557' MD. We chased the fish to bottom, circulated and conditioned the hole, and tripped out to pick up fishing equipment.
- We tripped in to 5' above the fish, circulated the hole clean, and began working over the top of the fish. After 8 hours of milling / rotating on the fish, we fired the jars and attempted to latch onto the fish. We tripped out of the hole and discovered the attempt was unsuccessful.
- We made the decision to set a cement plug back to kick off point, and re-drill the curve to landing point.

B. Total measured depth reached in the wellbore being plugged back

- 7686' MD

C. Casing set – size(s) and measured depth(s)

- 9 5/8", N-80, 40# set at 833' MD

D. Description of fish in the hole (if any) – including top and bottom measured depths

- Smith 611 PDC bit, Bottom – 7686' Top – 7685'
- CES Positive displacement Motor, Power section, Fixed Housing, Bearing Pack and Bit Box. Bottom – 7685' Top – 7657'

E. Measured setting depths of proposed plugs, heights, and cement volumes

- Plug 1 – Bottom 7600' Top 6900'
- o 373 sks 17.5 ppg PlugCem
- Plug 2 – Bottom 6900' Top 6200'
- o 373 sks 17.5 ppg PlugCem

F. Type of cement to be used for all plugs, including slurry weight (ppg) and yield (cf/sk)

- 17.5ppg PlugCem, 0.94 yield (cf/sk)

G. Measured depth of proposed sidetrack kick-off point

- 6400' MD

H. Proposed objective formation(s) for sidetrack hole – new or same as the wellbore being abandoned

- Same – Niobrara B Chalk

I. BHL target for sidetrack hole – new or same as the wellbore being abandoned (NOTE: a change in the BHL must be reviewed and approved by COGCC Permitting prior to completing the sidetrack. Drilling a sidetrack to an unapproved BHL could result in an NOAV, plugging the well, or both).

- Same BHL – 11,634' MD, 379.2 North , 4,341.7 West

J. Diana Burn was contacted 05/20/2013 via email by Kevin Beiland with Encana and granted written approval via email to tentatively proceed.

CASING AND CEMENTING CHANGES

Casing Type	Size	Of	/	Hole	Size	Of	/	Casing	Wt/Ft	Csg/LinTop	Setting Depth	Sacks of Cement	Cement Bottom	Cement Top

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:

BMP

Type

Comment

--	--

Operator Comments:

Please see comments on page 3 for COGCC verbal approval. (Letter "J" in the comments)

Please see attached Wellbore diagram with dialogue about drilling procedure and well history. Drilling of the new sidetrack will begin late in the evening on 05/21/2013 or early on 05/22/2013.

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

Signed: _____ Print Name: Chris McRickard
Title: Permitting Technician Email: chris.mcrickard@encana.com Date: 5/22/2013

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

COGCC Approved: BURN, DIANA Date: 5/29/2013

CONDITIONS OF APPROVAL, IF ANY:

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Permit	Sidetrack for 123-36853 State 116H. Operator going to same bottom hole location. ok to pass.	5/22/2013 2:15:24 PM

Total: 1 comment(s)

Attachment Check List

<u>Att Doc Num</u>	<u>Name</u>
400422662	FORM 4 SUBMITTED
400422675	WELLBORE DIAGRAM

Total Attach: 2 Files