

State of Colorado
Oil and Gas Conservation Commission

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



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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		
Srvc 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:Change of **Surface** Footage **To** Exterior Section Lines:Current **Surface** Location **From** QtrQtr **SENE** Sec **16**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 **16**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 **16** Twp **3N**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 _____

FNL/FSL		FEL/FWL	
1583	FNL	465	FEL
Twp 3N	Range 68W	Meridian 6	
Twp	Range	Meridian	
1203	FNL	765	FEL
Twp 3N	Range 68W		
Twp	Range		
1150	FNL	460	FWL

**

**

** attach deviated drilling plan

CHANGE OR ADD OBJECTIVE FORMATION AND/OR SPACING UNIT

<u>Objective Formation</u>	<u>Formation Code</u>	<u>Spacing Order Number</u>	<u>Unit Acreage</u>	<u>Unit Configuration</u>

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 State Number 1D-16H 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: Requested Per COGCC Guidelines

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 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

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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:

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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