

**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: 400981455			
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: 100185 Contact Name Jason Schmidt
 Name of Operator: ENCANA OIL & GAS (USA) INC Phone: (720) 876-5550
 Address: 370 17TH ST STE 1700 Fax: ()
 City: DENVER State: CO Zip: 80202-5632 Email: jason.schmidt@encana.com

Complete the Attachment
Checklist

OP OGCC

API Number : 05- 123 26752 00 OGCC Facility ID Number: 296346
 Well/Facility Name: DUCKWORTH Well/Facility Number: 33-16
 Location QtrQtr: SWSE Section: 16 Township: 2N Range: 68W Meridian: 6
 County: WELD Field Name: SPINDLE
 Federal, Indian or State Lease Number: _____

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:

FNL/FSL	FEL/FWL
<u>758</u> FSL	<u>1453</u> FEL

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

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Current **Surface Location From** QtrQtr SWSE Sec 16

Twp 2N Range 68W Meridian 6

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

Twp _____ Range _____ Meridian _____

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

<u>2115</u> FSL	<u>1973</u> FEL
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Change of **Top of Productive Zone Footage To** Exterior Section Lines:

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Current **Top of Productive Zone Location From** Sec 16

Twp 2N Range 68W

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

Twp _____ Range _____

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

<u>2115</u> FSL	<u>1973</u> FEL
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Change of **Bottomhole Footage To** Exterior Section Lines:

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Current **Bottomhole Location** Sec 16 Twp 2N Range 68W

** 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 02/10/2016

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 checked="" 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 type="checkbox"/> Other _____	<input type="checkbox"/> Status Update/Change of Remediation Plans for Spills and Releases	

COMMENTS:

Objective:

Pull tubing and lay down. Set RBP, un-land casing and pump annular fill. Run CBL, pull plug and land tubing.

Procedure:

1. Hold a pre-job safety meeting. Discuss all aspects of the procedure with involved personnel. Identify and address safety concerns before the job begins.
2. MIRU pulling unit. Kill well with produced water.
3. ND wellhead, NU BOP.
4. Un-land Tubing. POOH with tubing.
5. RU wireline.
6. RIH and set RBP @ 7300' and pressure test plug to 500 psi for 15 min. Dump 1 sx sand on top of plug.
7. Un-land 4-1/2" production casing.
8. NU annular fill wellhead.
9. RIH down 4-1/2" by 8-5/8" annulus with 1-1/4" tubing to 3400'.
10. Ensure that all cementing work complies with COGCC rule 317j (listed on previous page).
11. Establish circulation and pump 50 sx of class G cement from ~3400' to 3200'.
12. PU tubing to 3200'. Establish circulation and pump 50 sx of class G cement from ~3200' to 3000'.
13. Repeat step 12 twelve more times – moving up 200' each time. The last interval will be ~800' to 600'.
14. PU tubing into surface casing ~650' to 600'.
15. Establish circulation and pump 155 sx of class G neat cement, taking returns up annulus to surface.
16. POOH and lay down 1-1/4" tubing.
17. Re-land 4-1/2" casing and load hole with water.
18. RU E-line. Run CBL and log from RBP to surface. RD E-line.
19. RIH with tubing, circulate and pull RBP.
20. Hydro test tubing.
21. RIH and land 2-3/8" @ ~8023'.
22. ND BOP, NU 5K wellhead.
23. Replace tubing master valve.
24. Swab well back in.
25. RDMO Workover rig.
26. Submit Form 5 Drilling Completion Report including CBL data to COGCC.

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:

Best Management Practices		
No	BMP/COA Type	Description

Operator Comments:

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

Signed: _____ Print Name: Rosalie Thim _____
Title: Regulatory Analyst _____ Email: rosalie.thim@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:

COA Type

Description

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General Comments

User Group

Comment

Comment Date

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Total: 0 comment(s)

Attachment Check List

Att Doc Num

Name

400981508	WELLBORE DIAGRAM
400981509	WELLBORE DIAGRAM
400981519	OPERATIONS SUMMARY

Total Attach: 3 Files