FORM 4
Rev 04/13

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: 400507586

Date Received: 11/05/2013

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 Erin Lind

Name of Operator: ENCANA OIL & GAS (USA) INC Phone: (720) 876-5827

Address: 370 17TH ST STE 1700 Fax: ( )

City: DENVER State: CO Zip: 80202-5632 Email: erin.lind@encana.com

Complete the Attachment Checklist

OP OGCC

API Number : 05- 123 21835 00 OGCC Facility ID Number: 270168

Well/Facility Name: BRANCH Well/Facility Number: 13-23

Location QtrQtr: NWSW Section: 23 Township: 4N Range: 65W Meridian: 6

County: WELD Field Name: WATTENBERG

Federal, Indian or State Lease Number:

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)

		FNL/FSL		FEL/FWL	
Change of **Surface** Footage **From** Exterior Section Lines:		1980	FSL	460	FWL
Change of **Surface** Footage **To** Exterior Section Lines:					
Current **Surface** Location **From**	QtrQtr NWSW Sec 23 Twp 4N Range 65W Meridian 6				
New **Surface** Location **To**	QtrQtr Sec Twp Range Meridian				
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 Twp Range				
New **Top of Productive Zone** Location **To**	Sec Twp Range				
Change of **Bottomhole** Footage **From** Exterior Section Lines:					
Change of **Bottomhole** Footage **To** Exterior Section Lines:					**
Current **Bottomhole** Location	Sec Twp Range				
New **Bottomhole** Location	Sec Twp Range				

** attach deviated drilling plan

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 _____

CHANGE OR ADD OBJECTIVE FORMATION AND/OR SPACING UNIT

Objective Formation	Formation Code	Spacing Order Number	Unit Acreage	Unit Configuration

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 BRANCH Number 13-23 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 11/15/2013

☐ REPORT OF WORK DONE Date Work Completed _____

☐ Intent to Recomplete (Form 2 also required)	☐ Request to Vent or Flare	☐ E&P Waste Mangement Plan
☐ Change Drilling Plan	☐ Repair Well	☐ Beneficial Reuse of E&P Waste
☒ Gross Interval Change	☐ Rule 502 variance requested. Must provide detailed info regarding request.	
☐ Other _____	☐ Status Update/Change of Remediation Plans for Spills and Releases	

COMMENTS:

Branch 13-23 Refrac Procedure
1. Catch Plunger. If standing valve is present, RU wireline and pull bumper spring and standing valve. RD Wireline.
2. Remove all plunger equipment from wellhead.
3. Locate and check for rig anchors. Dress location. One Call may be required for new anchors. This step may not be necessary if using a base beam.
4. Hold pre-job safety meeting. Identify any safety concerns and discuss prior to beginning job.
5. MIRU pulling unit.
6. Inspect all heads, nuts and valves. Dig out if necessary. Check bradenhead pressure. Call production engineer if there is any significant bradenhead pressure. Make sure all valves are functioning properly. Replace/repair any equipment not working, not packed-off properly or missing.
7. Blow down well and kill well with fresh or produced water. ND wellhead, NU BOPE.
8. Tag bottom. POOH w/tubing, hydrotest and tally. RIH to PBTD w/bit & scraper. Clean out any fill. POOH.
9. Lay down tubing and visually inspect. Contact Production Engineer if corrosion is found.
10. MIRU wireline unit.
11. RIH with Cast Iron Bridge Plug and set at ~7,197 ft.
12. RIH with perforation guns, correlate and shoot the following zones:
a. Niobrara “C” Chalk at 6964’ – 6974’
b. Niobrara “B” Chalk at 6902’ – 6922’
c. Niobrara “A” Chalk at 6810’ – 6826’
13. RD wireline unit.
14. RU pulling unit.
15. RIH with frac string, nipple and packer assembly. Set packer 100’ above top Niobrara perf in middle of casing joint. Load tubing and casing and Pressure test casing to 80% of the casing burst rating. If pressure test fails, please contact Production Engineer for path forward.
16. Release packer. TIH and set packer halfway between the Niobrara and Codell perforations in middle of casing joint. Set standing valve in nipple. Load tubing and casing and Pressure test tubing to 80% of wellhead pressure rating. If pressure test fails, please contact Production Engineer for path forward. RIH and retrieve standing valve.
17. ND BOPE, NU well head.
18. RD pulling unit.
19. MIRU Stinger/Wellhead Isolation Tool. Ensure tattle tale tank is part of rig up.
20. MIRU Frac Company.
21. Pressure test surface equipment to 80% of wellhead pressure rating.
22. Pump Codell frac job down frac string according to design.
23. RD Frac Company
24. RU pulling unit
25. Release packer. Lay down frac string.
26. RD pulling unit.
27. RU wireline unit.
28. RIH and set composite frac plug above the Codell perfs, ~7,024 ft. POOH.
29. RD wireline unit.
30. RU Frac Company.
31. Pump Niobrara frac job down frac casing according to design.
32. RDMO Frac Company and Stinger.
Commingling Procedure
33. RU pulling unit.
34. ND well head, NU BOPE.
35. PU tubing and RIH w/bit. Tag sand and note depth of top of sand in Well View report. Circulate out sand and drill up CFP and CIBP. Clean out to PBTD.
36. POOH w/ bit.
37. RIH w/ prod tubing, notch collar and SN. Land at ~7,529 ft.
38. ND BOP. NU wellhead.
39. Broach/Gauge tubing. Swab if necessary.
40. RDMO pulling unit and wireline unit. Turn well to flowback immediately.

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:

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

Signed: Print Name: Erin Lind

Title: Permitting Analyst Email: erin.lind@encana.com Date: 11/5/2013

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

COGCC Approved: JENKINS, STEVE Date: 11/20/2013

CONDITIONS OF APPROVAL, IF ANY:

COA Type	Description

General Comments

User Group	Comment	Comment Date

Total: 0 comment(s)

Attachment Check List

Att Doc Num	Name
400507586	FORM 4 SUBMITTED

Total Attach: 1 Files