

# 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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400419316

Date Received:

05/16/2013

### 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	Jane Washburn
Name of Operator:	ENCANA OIL & GAS (USA) INC	Phone:	(720) 876-5431
Address:	370 17TH ST STE 1700	Fax:	(720) 876-6431
City:	DENVER	State:	CO
Zip:	80202-5632	Email:	jane.washburn@encana.com

Complete the Attachment  
Checklist

OP OGCC

API Number :	05-	123	16646	00	OGCC Facility ID Number:	248844			
Well/Facility Name:	MILLER	Well/Facility Number:	1-17						
Location QtrQtr:	NWNE	Section:	17	Township:	2N	Range:	67W	Meridian:	6
County:	WELD	Field Name:	WATTENBERG						
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:

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

Current **Surface** Location **From** QtrQtr NWNE Sec 17

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 17

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 \_\_\_\_\_

FNL/FSL		FEL/FWL	
998	FNL	2694	FWL
Twp <u>2N</u>	Range <u>67W</u>	Meridian <u>6</u>	
Twp _____	Range _____	Meridian _____	
1415	FNL	1570	FWL
Twp <u>2N</u>	Range <u>67W</u>		
Twp _____	Range _____		
1455	FNL	1463	FWL
Twp _____	Range _____		
Twp _____	Range _____		

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\*\* 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 MILLER Number 1-17 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    06/12/2013

☐ 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:****Miller 1-17 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. RIH with packer assembly. Set packer 100' above top perf in middle of casing joint. Load well and Pressure test casing to 80% of wellhead pressure rating, not to exceed 5000 psi. If pressure test fails, please contact Production Engineer for path forward.
  10. Release packer and POOH.
  11. Lay down tubing and visually inspect. Contact Production Engineer if corrosion is found.
  12. ND BOPE, NU well head.
  13. RDMO pulling unit.
  14. MIRU wireline unit.
  15. RIH with Cast Iron Bridge Plug and set at 8210 ft.
  16. RD wireline unit.
  17. MIRU Stinger/Wellhead Isolation Tool. Ensure tattle tale tank is part of rig up.
  18. MIRU Frac Company.
  19. Pressure test surface equipment to 6500 psi.
  20. Pump Codell frac job down casing according to design.
  21. Remove Stinger from wellhead.
  22. MIRU wireline unit.
  23. RIH and set CBP at ~7800 ft. POOH.
  24. RIH with 3-1/8" 4 SPF perf guns, correlate and shoot 7652-7678'. POOH.
  25. RD Wireline unit.
  26. NU Stinger
  27. Pump Niobrara frac job down casing according to design
  28. RDMO frac company and Stinger.
- Commingling Procedure**
29. Verify commingling procedure with Denver engineer before proceeding.
  30. MIRU pulling unit.
  31. ND well head, NU BOPE.
  32. 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 CIBP. Clean out to PBTD.
  33. POOH w/ bit.
  34. RIH w/ prod tubing, notch collar and SN. Land at 8290 ft. (top of J if present, if not top of Codell)
  35. ND BOP. NU wellhead.
  36. Broach/Gauge tubing. Swab if necessary.
  37. RDMO pulling unit.
  38. Turn well over to production.

**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.):

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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:

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### **Best Management Practices**

**No BMP/COA Type**

**Description**

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Operator Comments:

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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: Jane Washburn  
Title: Operations Technologist Email: jane.washburn@encana.com Date: 5/16/2013

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: 8/25/2013

### **CONDITIONS OF APPROVAL, IF ANY:**

**COA Type**

**Description**

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### **General Comments**

**User Group**

**Comment**

**Comment Date**

Engineer	This work has been completed prior to the approval of the sundry	8/25/2013 3:19:24 PM
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Total: 1 comment(s)

### **Attachment Check List**

**Att Doc Num**

**Name**

400419316	FORM 4 SUBMITTED
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Total Attach: 1 Files