



02054473

FORM  
4  
Rev 12/05

Page 1

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  
DA DA

## SUNDRY NOTICE

Submit original plus one copy. This form is to be used for general, technical and environmental sundry information. For proposed or completed operations, describe in full on Technical Information Page (Page 2 of this form.) Identify well or other facility by API Number or by OGCC Facility ID. Operator shall send an informational copy of all sundry notices for wells located in High Density Areas to the Local Government Designee (Rule 603b.)

RECEIVED

AUG 11 2010

COGCC

1. OGCC Operator Number : 100185  
2. Name Of Operator : EnCana Oil & Gas (USA) Inc.  
3. Address : 370 17th Street, #1700  
City : Denver State : CO Zip : 80202  
4. Contact Name : RUTHANN MORSS  
Phone : 720-876-5060  
Fax : 720-876-6060  
5. API Number : 05045101460000  
6. Well/Facility Name : HMU 11-9 (P11SW)  
7. Well/Facility Number : 11-9 (P11SW)  
8. Location (QtrQtr, Sec, Twp, Rng, Meridian) : Tract50 Sec 11 T8S - R93W 6th PM  
9. County : GARFIELD  
10. Field Name : Mamm Creek  
11. Federal, Indian or State Lease Number : COC55972X

Complete the Attachment  
Checklist

	OP	OGCC
Survey Plat	<input type="checkbox"/>	<input type="checkbox"/>
Directional Survey	<input type="checkbox"/>	<input type="checkbox"/>
Surface Eqpm Diagram	<input type="checkbox"/>	<input type="checkbox"/>
Technical Info Page	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Other	<input type="checkbox"/>	<input type="checkbox"/>

## General Notice

<input type="checkbox"/> CHANGE OF LOCATION: Attach New Survey Plat (a change of surface qtr/qtr is substantive and requires a new permit)	
FNL/FSL FEL/FWL	
Change of Surface Footage from Exterior Section Lines: Change of Surface Footage to Exterior Section Lines: Change of Bottomhole Footage from Exterior Section Lines: Change of Bottomhole Footage to Exterior Section Lines: Bottom hole location Qtr/Qtr, Sec, Twp, Rng, Mer Latitude Distance to nearest property line Distance to nearest bldg, public rd, utility or RR Longitude Distance to nearest lease line Is location in a High Density Area (Rule 603b)? Yes/No Ground Elevation Distance to nearest well same formation Surface owner consultation date:	
attach directional survey	
GPS DATA: Date of Measurement PDOP Reading Instrument Operator's Name	
<input type="checkbox"/> CHANGE SPACING UNIT Formation Formation Code Spacing order number Unit Acreage Unit configuration	
<input type="checkbox"/> Remove from surface bond Signed surface use agreement attached	
<input type="checkbox"/> CHANGE OF OPERATOR (prior to drilling): Effective Date : Plugging Bond : <input type="checkbox"/> Blanket <input type="checkbox"/> Individual	
<input type="checkbox"/> CHANGE WELL NAME From : To : Effective Date :	
<input type="checkbox"/> ABANDONED LOCATION: Was location ever built? <input type="checkbox"/> Yes <input type="checkbox"/> No Is site ready for inspection? <input type="checkbox"/> Yes <input type="checkbox"/> No Date Ready for inspection:	
<input type="checkbox"/> NOTICE OF CONTINUED SHUT IN STATUS Date well shut in or temporarily abandoned: Has Production Equipment been removed from site? <input type="checkbox"/> Yes <input type="checkbox"/> No MIT required if shut in longer than two years. Date of Last MIT	
<input type="checkbox"/> SPUD DATE : <input type="checkbox"/> REQUEST FOR CONFIDENTIAL STATUS: (6 mos from date casing set)	
<input type="checkbox"/> SUBSEQUENT REPORT OF STAGE, SQUEEZE OR REMEDIAL CEMENT WORK Method used Cementing tool setting/perf depth Cement volume Cement top Cement bottom Date *submit cbl and cement job summaries	
<input type="checkbox"/> RECLAMATION: Attach technical page describing final reclamation procedures per Rule 1004. Final reclamation will commence on approximately <input type="checkbox"/> Final reclamation is completed and site is ready for inspection.	

## Technical Engineering/Environmental Notice

<input checked="" type="checkbox"/> Notice of Intent Approximate Start Date : 08/12/2010													
<input type="checkbox"/> Report of Work Done Date Work Completed :													
Details of work must be described in full on Technical Information Page (Page 2 must be submitted.)													
<table border="0"><tr><td><input type="checkbox"/> Intent To Recomplete (submit form 2)</td><td><input type="checkbox"/> Request to Vent or Flare</td><td><input type="checkbox"/> E&amp;P Waste Disposal</td></tr><tr><td><input type="checkbox"/> Change Drilling Plans</td><td><input type="checkbox"/> Repair Well</td><td><input type="checkbox"/> Beneficial Reuse of E&amp;P Waste</td></tr><tr><td><input type="checkbox"/> Gross Interval Changed?</td><td><input type="checkbox"/> Rule 502 variance requested</td><td><input type="checkbox"/> Status Update/Change of Remediation Plans for spills and Releases</td></tr><tr><td><input type="checkbox"/> Casing/Cementing Program Change</td><td><input checked="" type="checkbox"/> Other - cement remediation</td><td></td></tr></table>		<input type="checkbox"/> Intent To Recomplete (submit form 2)	<input type="checkbox"/> Request to Vent or Flare	<input type="checkbox"/> E&P Waste Disposal	<input type="checkbox"/> Change Drilling Plans	<input type="checkbox"/> Repair Well	<input type="checkbox"/> Beneficial Reuse of E&P Waste	<input type="checkbox"/> Gross Interval Changed?	<input type="checkbox"/> Rule 502 variance requested	<input type="checkbox"/> Status Update/Change of Remediation Plans for spills and Releases	<input type="checkbox"/> Casing/Cementing Program Change	<input checked="" type="checkbox"/> Other - cement remediation	
<input type="checkbox"/> Intent To Recomplete (submit form 2)	<input type="checkbox"/> Request to Vent or Flare	<input type="checkbox"/> E&P Waste Disposal											
<input type="checkbox"/> Change Drilling Plans	<input type="checkbox"/> Repair Well	<input type="checkbox"/> Beneficial Reuse of E&P Waste											
<input type="checkbox"/> Gross Interval Changed?	<input type="checkbox"/> Rule 502 variance requested	<input type="checkbox"/> Status Update/Change of Remediation Plans for spills and Releases											
<input type="checkbox"/> Casing/Cementing Program Change	<input checked="" type="checkbox"/> Other - cement remediation												

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

Signed: Ruthann Morss Date: 08/09/2010

Email: ruthann.morss@encana.com

Print Name: RUTHANN MORSS

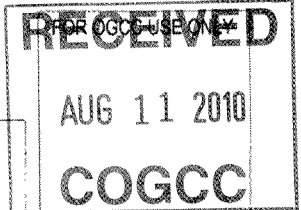
Title: REGULATORY ANALYST

COGCC Approved: David And Title: PE II Date: 8/11/2010

CONDITIONS OF APPROVAL, IF ANY:

Submit Form 5 to document new cement squeeze within 30 days of completing the work, as required by Rule 308A. Attach cement tickets and CBL (CBL shown in Step 18 on Page 2 of this Sundry Notice). Also show previous cement squeezes at 7200' with 275 sx, 7100' with 350 sx, 6550' with 300 sx, and 6400' with 175 sx on Form 5. These previous cement squeezes were documented on an EnCana wellbore diagram dated 3/30/2005. The wellbore diagram indicates that a CBL was run, which showed cement from 6390' to 6430'. Submit a hard copy of the 2005 CBL with EnCana's new Form 5 to document all cement squeezes on this well.

## TECHNICAL INFORMATION PAGE



1. OGCC Operator Number: 100185 API Number: 05045101460000  
2. Name of Operator: EnCana Oil & Gas (USA) Inc. OGCC Facility ID # 11-9 (P11SW)  
3. Well/Facility Name: HMU 11-9 (P11SW) Well/Facility Number: 11-9 (P11SW)  
4. Location (QtrQtr, Sec, Twp, Rng, Meridian): Tract50 Sec 11 T8S - R93W 6th PM

This form is to be completed whenever a Sundry Notice is submitted requiring detailed report of work to be performed or completed. This form shall be transmitted within 30 days of work completed as a "subsequent" report and must accompany Form 4, page 1.

5.

**DESCRIBE PROPOSED OR COMPLETED OPERATIONS**

In preparation for converting the HMU 12-13C (P11SW) into a water injection well, Encana proposes the following cement remediation procedure on the HMU 11-9 (P11SW) as it falls within the 1/2 mile radius of the HMU 12-13C (P11SW).

PBTD: 8960' PERF INTERVAL: 7782' - 9216'  
TD: 9555' TUBING: 269 JTS 2 3/8" 4.7# N80 EUE  
CURRENT TOC: 6390' MD F NIPPLE: 8435' MD  
EOT: 8467' MD NEW TOC DESIRED: 4348'

**PROCEDURE:**

1. MIRU workover unit, NU BOP
2. POOH with production tubing
3. MIRU wireline company
4. RIH on wireline and set CBP @ 5650'
5. Pressure test CBP to verify isolation
6. Perf 4 spf @ 5450'
7. Establish injection into perfs down casing - confirm with Denver
8. Perf 4 spf @ 4348'
9. RIH with 2 3/8" workstring and set cement retainer at 50' below perfs
10. Establish circulation.
11. MIRU cement company
12. Pump 330 sx 15.8 ppg neat "G" cement with fluid loss additives (Have additional 100 sx neat "G" cement on location in case more is needed)
13. Displace tubing and casing, leaving ~14 bbl below retainer.
14. Back off retainer and circulate tubing volume 2x
15. RD cement company
16. POOH with pipe and let cement set. Establish injection rate, set retainer or balanced plug to squeeze off 4348'.
17. Drillout cement retainer and cement. Test 4348' perfs to 500 psi before drilling retainer @ 4348'
18. Run CBL over squeeze interval. Call Denver with results. If TOC does not meet desired top at 4348', perf and resqueeze with 100 sxs neat "G" with fluid loss additives.
19. Positive pressure test perforations to 500 psig, and hold for 5 minutes.
20. Drillout CBP and cleanout well to PBTD.
21. Land tubing at ~ 8122'
22. RDMO