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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



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<b>RECEIVED</b>		
MAY 12 2011		
COGCC/Rifle Office		

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.)

1. OGCC Operator Number: 100185	4. Contact Name: Julia M. Carter	Complete the Attachment Checklist OP OGCC
2. Name of Operator: EnCana Oil & Gas (USA) Inc.	Phone: 720.876.5240	
3. Address: 370 17th Street Suite 1700 City: Denver State: CO Zip 80202	Fax: 720.876.6240	
5. API Number 05-045-19814	OGCC Facility ID Number	Survey Plat
6. Well/Facility Name: SGU	7. Well/Facility Number 8502E-25 F25 496	Directional Survey
8. Location (Qtr/Qtr, Sec, Twp, Rng, Meridian): SENW Sec 25 T4S-R96W, 6th PM		Surface Eqmpt Diagram
9. County: Garfield	10. Field Name: Wildcat	Technical Info Page X
11. Federal, Indian or State Lease Number: COC61136		Other

## General Notice

<input type="checkbox"/> <b>CHANGE OF LOCATION:</b> Attach New Survey Plat (a change of surface qtr/qtr is substantive and requires a new permit)	
Change of Surface Footage from Exterior Section Lines:	<input type="checkbox"/> FNL/F-SL <input type="checkbox"/> FEL/F-WL
Change of Surface Footage to Exterior Section Lines:	<input type="checkbox"/> <input type="checkbox"/>
Change of Bottomhole Footage from Exterior Section Lines:	<input type="checkbox"/> <input type="checkbox"/>
Change of Bottomhole Footage to Exterior Section Lines:	<input type="checkbox"/> <input type="checkbox"/> attach directional survey
Bottomhole location Qtr/Qtr, Sec, Twp, Rng, Mer	
Latitude	Distance to nearest property line
Longitude	Distance to nearest bldg, public rd, utility or RR
Ground Elevation	Distance to nearest lease line
	Is location in a High Density Area (rule 603b)? Yes/No NO
	Distance to nearest well same formation
	Surface owner consultation date: NA
<b>GPS DATA:</b>	
Date of Measurement PDOP Reading Instrument Operator's Name	
<input type="checkbox"/> <b>CHANGE SPACING UNIT</b>	<input type="checkbox"/> <b>Remove from surface bond</b>
Formation Formation Code Spacing order number Unit Acreage Unit configuration	Signed surface use agreement attached
<input type="checkbox"/> <b>CHANGE OF OPERATOR (prior to drilling):</b>	<input type="checkbox"/> <b>CHANGE WELL NAME</b> NUMBER
Effective Date:	From:
Plugging Bond: <input type="checkbox"/> Blanket <input type="checkbox"/> Individual	To:
	Effective Date:
<input type="checkbox"/> <b>ABANDONED LOCATION:</b>	<input type="checkbox"/> <b>NOTICE OF CONTINUED SHUT IN STATUS</b>
Was location ever built? <input type="checkbox"/> Yes <input type="checkbox"/> No	Date well shut in or temporarily abandoned:
Is site ready for inspection? <input type="checkbox"/> Yes <input type="checkbox"/> No	Has Production Equipment been removed from site? <input type="checkbox"/> Yes <input type="checkbox"/> No
Date Ready for Inspection:	MIT required if shut in longer than two years. Date of last MIT
<input type="checkbox"/> <b>SPUD DATE:</b>	<input type="checkbox"/> <b>REQUEST FOR CONFIDENTIAL STATUS</b> (6 mos from date casing set)
<input type="checkbox"/> <b>SUBSEQUENT REPORT OF STAGE, SQUEEZE OR REMEDIAL CEMENT WORK</b> *submit cbl and cement job summaries	
Method used	Cementing tool setting/perf depth
Cement volume	Cement top
Cement bottom	Date
<input type="checkbox"/> <b>RECLAMATION:</b> 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"/> <b>Notice of Intent</b>	<input type="checkbox"/> <b>Report of Work Done</b>
Approximate Start Date: May 14 2011	Date Work Completed:
Details of work must be described in full on Technical Information Page (Page 2 must be submitted.)	
<input type="checkbox"/> Intent to Recomplete (submit form 2)	<input type="checkbox"/> Request to Vent or Flare
<input type="checkbox"/> Change Drilling Plans	<input type="checkbox"/> Repair Well
<input type="checkbox"/> Gross Interval Changed?	<input checked="" type="checkbox"/> Rule 502 variance requested
<input checked="" type="checkbox"/> Casing/Cementing Program Change	<input type="checkbox"/> Other:
	<input type="checkbox"/> E&P Waste Disposal
	<input type="checkbox"/> Beneficial Reuse of E&P Waste
	<input type="checkbox"/> Status Update/Change of Remediation Plans for Spills and Releases

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

Signed: Julia M. Carter Date: 5/9/11 Email: julia.carter@encana.com  
Print Name: Julia M. Carter Title: Regulatory AnalystCOGCC Approved: [Signature] Title: EIT-3 Date: 5/13/2011

CONDITIONS OF APPROVAL, IF ANY:

CBL

TECHNICAL INFORMATION PAGE



FOR OGCC USE ONLY

1. OGCC Operator Number: 100185 API Number: 05-045-19814  
 2. Name of Operator: EnCana Oil & Gas (USA) Inc. OGCC Facility ID #  
 3. Well/Facility Name: SGU Well/Facility Number: 8502E-25 F25 496  
 4. Location (QtrQtr, Sec, Twp, Rng, Meridian): SENW Sec 25 T4S-R96W, 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.

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COGCC/Rifle Office

5. DESCRIBE PROPOSED OR COMPLETED OPERATIONS

Encana would like to change the production cement slurry to a blend that is more acid soluble than our current blend. This will be accomplished by adding calcium carbonate ( $\text{CaCO}_3$ ) at a concentration of 50% BWOB (by weight of blend). The attached lab test by Schlumberger shows that the acid solubility increases from 10% to 45% by adding calcium carbonate. We will ensure that more than 200 ft of non acid soluble cement will be pumped above the acid soluble cement slurry to isolate the gas bearing horizons.

Encana Oil & Gas (USA) Inc. request exception to COGCC Rule 317.i that states that cement placed behind production casing must achieve at least 300 psi compressive strength after 24 hours and at least 800 psi compressive strength after 72 hours, when tested at 95 degF and 800 psi. The cement slurry is capable of achieving the 300 psi/24 hours and 800 psi/72 hours requirements under bottomhole temperature conditions. The replacement of cement with calcium carbonate to increase acid solubility prevents the slurry from achieving 300 psi compressive strength in 24 hours and 800 psi compressive strength in 72 hours at 95F and 800 psi. The proposed cement design does comply with the subject rule when downhole temperature and pressure is taken into effect. Encana has made a good faith effort to comply, or is unable to comply with the compressive strength specifications of COGCC Rule 317.i, and the requested variance will not violate the basic intent of the Oil and Gas Conservation Act.

Please see attached lab tests and SPE paper for further reference.

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