

State of Colorado Oil and Gas Conservation Commission

1120 Lincoln Street, Suite 801, Denver, Colorado 80203 Phone: (303)894-2100 Fax: (303)894-2109



RECEIVED MAY 12 2011 COGCC/Rifle Office

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.)

1. OGCC Operator Number: 100185 2. Name of Operator: EnCana Oil & Gas (USA) Inc. 3. Address: 370 17th Street Suite 1700 City: Denver State: CO Zip 80202 4. Contact Name: Julia M. Carter Phone: 720.876.5240 Fax: 720.876.6240 5. API Number 05-045-19772 OGCC Facility ID Number 6. Well/Facility Name: SGU 7. Well/Facility Number 8515D-24 F25 496 8. Location (Qtr/Qtr, Sec, Twp, Rng, Meridian): SENW Sec 25 T4S-R96W, 6th PM 9. County: Garfield 10. Field Name: Wildcat 11. Federal, Indian or State Lease Number: COC64814

Complete the Attachment Checklist

OP OGCC

Table with columns: Survey Plat, Directional Survey, Surface Eqmpt Diagram, Technical Info Page, Other. Row 10: Technical Info Page X

General Notice

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

Technical Engineering/Environmental Notice

Notice of Intent Approximate Start Date: Report of Work Done Date Work Completed: Details of work must be described in full on Technical Information Page (Page 2 must be submitted.) Intent to Recomplete (submit form 2) Request to Vent or Flare E&P Waste Disposal Change Drilling Plans Repair Well Beneficial Reuse of E&P Waste Gross Interval Changed? Rule 502 variance requested Status Update/Change of Remediation Plans Casing/Cementing Program Change Other: 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 Analyst

COGCC Approved: [Signature] Title: EIT 3 Date: 5/13/2011

CONDITIONS OF APPROVAL, IF ANY:

CBL

TECHNICAL INFORMATION PAGE



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FOR OGCC USE ONLY  
MAY 12 2011  
COGCC/Rifle Office

1. OGCC Operator Number:	100185	API Number:	05-045-19772
2. Name of Operator:	EnCana Oil & Gas (USA) Inc. OGCC Facility ID #		
3. Well/Facility Name:	SGU	Well/Facility Number:	8515D-24 F25 496
4. Location (Qtr, 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.

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 (CaCO3) 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 vilocate the basic intent of the Oil and Gas Conserbaction Act.

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

See ←  
doc # 2121170