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FORM
4
Rev 1205

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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RECEIVED

DEC 05 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: RUTHANN MORSS
Phone: 720-876-5060
Fax: 720-876-6060

Complete the Attachment
Checklist

OP OGCC

5. API Number: 05045207860000 OGCC Facility ID Number
6. Well/Facility Name: Federal 7. Well/Facility Number: 29-4A (PA30)
8. Location (Qtr, Sec, Twp, Rng, Meridian): NENE Sec 30 T7S - R95W 6th PM
9. County: GARFIELD 10. Field Name: Parachute
11. Federal, Indian or State Lease Number: COC01523

Survey Plat	<input type="checkbox"/>	<input type="checkbox"/>
Directional Survey	<input type="checkbox"/>	<input type="checkbox"/>
Surface Egm Diagram	<input type="checkbox"/>	<input type="checkbox"/>
Technical Info Page	<input type="checkbox"/>	<input type="checkbox"/>
Other	<input type="checkbox"/>	<input type="checkbox"/>

General Notice

☐ 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: attach directional survey

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:

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 NAMEFrom: NUMBER
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 STATUSDate 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

*submit cbl and cement job summaries

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: upon approval

☐ Report of Work Done

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"/> 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 after frac | |

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: 12/05/2011

Email: ruthann.morss@encana.com

Print Name: RUTHANN MORSS

Title: REGULATORY ANALYST

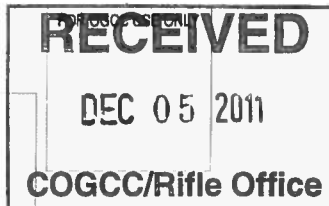
COGCC Approved:

CONDITIONS OF APPROVAL:

EIT III

Date: DEC 06 2011

TECHNICAL INFORMATION PAGE



1 OGCC Operator Number: 100185 API Number: 05045207860000
2 Name of Operator: EnCana Oil & Gas (USA) Inc. OGCC Facility ID #
3 Well/Facility Name: Federal 29-4A (PA30) Well/Facility Number: 29-4A (PA30)
4 Location (Ctr, Sec, Twp, Rng, Meridian): NENE Sec 30 T7S - R95W 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

Current TOC: 4290'
Federal TOC requirement: 3394'

The 29-4A PA30 does not meet the Federal top of cement requirement of 200' above the top of the Mesaverde formation listed on the APD. Our proposed top perf is at 4562' which means we will have 272' of good cement above our top perforation.

Bradenhead pressure has been zero psi throughout the life of the well. We will monitor bradenhead pressure during all aspects of the completion. If the bradenhead pressure increases over 50 psi, fracturing operations will be shut down immediately.

Encana requests permission to frac the well as planned and perform a cement remediation procedure afterward to ensure that we meet the top of cement requirement using the following procedure.

- 1 Perf and frac all stages as per our standard completion. Monitor bradenhead pressure throughout fracturing. If bradenhead pressure increases more than 50 psi then shut down frac operations immediately and proceed with remediation procedure.
- 2 Set solid composite plug at 3550'.
- 3 Shoot squeeze holes at 3450'.
- 4 Establish injection rate with water (establish circulation to surface if possible).
- 5.RIH w/ 2-3/8" tbg and cement retainer. Set retainer at 3300'.
- 6.Squeeze 150 sx of Class G cement plus fluid loss additives.
- 7.POOH w/ tbg
- 8.RIH with tbg and tri-cone bit and drill out cement retainer and cement. Do not drill out composite plug at 3550'. POOH.
- 9.RU wireline and run CBL from PBTD to surface.
- 10.Pressure test squeeze holes to 1000 psi [Max anticipated shut-in pressure = 2500 psi =< 1000 psi + (3450 ft * 0.43 psi/ft)] and hold for 15 minutes. If the squeeze does not pressure test (i.e. leaks off more than 10%), then repeat squeeze procedure until a good pressure test is achieved. (If a good pressure test cannot be achieved, then the sqz holes will be isolated when production tbg is run by setting a packer @ 3550'.)
- 11.RIH with mill, pump off sub, and tbg.
- 12.Drillout CBP @ 3550' and continue drilling out all remaining frac plugs.
- 13.Pump off mill and land tbg.