



02121684

Oil and Gas Conservation Commission

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



DE ET OR ES

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 28 2012

OGCC/Rifle Office

Complete the Attachment Checklist

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 : MARINA AYALA
Phone : 720-876-5905
Fax : 720-876-6905
5. API Number : 05045211850000
6. Well/Facility Name : Gardner Federal 28-2A (PC28)
7. Well/Facility Number : 28-2A (PC28)
8. Location (Qtr/Sec, Twp, Rng, Meridian) : NENW Sec 28 T7S - R9SW 6th PM
9. County : GARFIELD
10. Field Name : Parachute
11. Federal, Indian or State Lease Number :

GP OGCC
Survey Plat
Directional Survey
Surface Equip Diagram
Technical Info Page
Other

General Notice

(a change of surface qtr/qtr is substantive and requires a new permit)
FNL/FSL FEL/FWL

CHANGE OF LOCATION: Attach New Survey Plat

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/Sec, Twp, Rng, Mer

Latitude

Distance to nearest property line

Distance to nearest bldg, public rd, utility or FR

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

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

From :

To :

Effective Date :

NUMBER

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

*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 : 08/28/2012

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)

☐ Change Drilling Plans

☐ Gross Interval Changed?

☐ Casing/Cementing Program Change

☐ Request to Vent or Flare

☐ Repair Well

☐ Rule 502 variance requested

☒ Other Top of Cement Remediation

☐ E&P Waste Disposal

☐ Beneficial Reuse of E&P Waste

☐ 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: *Marina Ayala*

Date : 08/27/2012

Email: marina.ayala@encana.com

Print Name : MARINA AYALA

Title : PERMITTING TECHNICIAN

OGCC Approved

CONDITIONS OF APPROVAL, IF ANY

Title

NWAE

Date:

8/28/12

also

notify

OGCC (in addition

to BLM)

TECHNICAL INFORMATION PAGE



FOR OGCC USE ONLY

1. OGCC Operator Number: 100185 API Number: 05045211850000
2. Name of Operator: EnCana Oil & Gas (USA) inc. OGCC Facility ID #: 28-2A (PC28)
3. Well/Facility Name: Gardner Federal 28-2A (PC28) Well/Facility Number: 28-2A (PC28)
4. Location (Qtr/Sec, Twp, Rng, Meridian): NENW Sec 28 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

Verbal approval has been received from Peter Cowan with the BLM Office on 8/28/12, to remediate the cement to bring it up to the Federal requirement which is 200' above Mesaverde using the following procedure:

The Gardner Federal 28-2A PC28 does not meet the top of cement requirement of 200' above the Mesa Verde. The Mesa Verde is at 4,361', which makes the required TOC at 4,161'. The current TOC is at 7,250' and the top of our highest anticipated stage is 5,446'. Note. All depths are MD, referenced from the KB. The procedure is as follows:

1. Set solid composite plug at 5,700'. Pressure test the plug to 2000 psi.
2. Shoot 4 squeeze holes at 5,650'.
3. Establish injection rate with water (establish circulation to surface if possible).
4. RIH w/ cement retainer on wireline. Set retainer at 5,490'.
5. RIH with tbq. Establish circulation to surface. Squeeze 100 sx of class G cmt plus fluid loss additives.
6. POOH w/ tbq.
7. TIH with tbq and tri-cone bit and drill out cement retainer and cement. Do not drill out composite plug at 5,700'. POOH.
8. RU wireline and run CBL from PBTD to surface. Report new TOC to the BLM for approval prior to continuing. Send a copy of the CBL to Peter Cowan at the BLM. →
9. Pressure test squeeze holes to 1500 psi and hold for 15 minutes.
10. If the squeeze holds, RIH with bit and tbq and drillout plug at 5,700'. Otherwise, notify Peter Cowan at the BLM. →
11. Lay down the tubing and set the wellhead and frac valves. Pressure test to 4,500 psi.
12. Based on the CBL, the highest perforation will be placed no closer than 200' from the top of cement.
13. Begin fracturing operations. Monitor bradenhead pressure throughout fracturing. If bradenhead pressure increases more than 50 psi then shut down frac operations immediately and proceed with an additional remediation procedure. Notify Peter Cowan at the BLM of pressure increase. →
14. Once fracturing is completed, RIH with a solid composite plug and set it at 4,220'. Pressure test the plug to 2000 psi.
15. Shoot 4 squeeze holes at 4,170'.
16. Establish injection rate with water (establish circulation to surface if possible).
17. RIH w/ cement retainer on wireline. Set retainer at 4,030'.
18. RIH with tbq. Establish circulation to surface. Squeeze 50 sx of class G cmt plus fluid loss additives.
19. POOH w/ tbq.
20. RIH with tbq and tri-cone bit and drill out cement retainer and cement.
21. RU wireline and run CBL from CBP @ 4,220' to surface. Send a copy of the CBL to Peter Cowan at the BLM. →
22. Pressure test squeeze holes to 1500 psi and hold for 15 minutes.
23. If the squeeze holds, begin frac plug drillout. If the squeeze does not hold, notify Peter Cowan at the BLM. →

also

COGCC

JEC
8/28/12