



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

| | |
|--|--|
| 1. OGCC Operator Number : 100185 | 4. Contact Name : MARINA AYALA |
| 2. Name Of Operator : EnCana Oil & Gas (USA) Inc | Phone : 720-876-5905 |
| 3. Address : 370 17th Street, Suite 1700 | Fax : 720-876-6905 |
| City : Denver State : CO Zip : 80202 | |
| 5. API Number : 05045211850000 | OGCC Facility ID Number : 28-2A (PC28) |
| 6. Well/Facility Name : Gardner Federal 28-2A (PC28) | 7. Well/Facility Number : 28-2A (PC28) |
| 8. Location (Qtr/Qtr, Sec, Twp, Rng, Meridian) : NENW Sec 28 T7S - R95W 6th PM | |
| 9. County : GARFIELD | 10. Field Name : Parachute |
| 11. Federal, Indian or State Lease Number : | |

Complete the Attachment Checklist

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

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

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 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

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): | CHANGE WELL NAME | NUMBER |
|--|------------------------------------|--------|
| Effective Date : Plugging Bond : <input type="checkbox"/> Blanket <input type="checkbox"/> Individual | From : To : Effective Date : | |

| ABANDONED LOCATION: | NOTICE OF CONTINUED SHUT IN STATUS |
|--|--|
| Was location ever built? Yes <input type="checkbox"/> No <input type="checkbox"/> Is site ready for inspection? Yes <input type="checkbox"/> No <input type="checkbox"/> Date Ready for Inspection | Date well shut in or temporarily abandoned : Has Production Equipment been removed from site? Yes <input type="checkbox"/> No <input type="checkbox"/> 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 Report of Work Done
 Approximate Start Date : 08/28/2012 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 Top of Cement Remediation | |

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 *[Signature]* Title: NWAEE Date: 8/28/12

CONDITIONS OF APPROVAL, IF ANY

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 17S - R95W 6th PM

RECEIVED
AUG 28 2012
COGCC/Rifle Office

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 tbg. Establish circulation to surface. Squeeze 100 sx of class G cmt plus fluid loss additives.
6. POOH w/ tbg.
7. TIH with tbg 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 PBSD 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 tbg 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 tbg. Establish circulation to surface. Squeeze 50 sx of class G cmt plus fluid loss additives.
19. POOH w/ tbg.
20. RIH with tbg 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

JK
 8/28/12