

State of Colorado  
Oil and Gas Conservation Commission

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



|    |    |    |    |
|----|----|----|----|
| DE | ET | OE | 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.)

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 : MIRACLE PFISTER  
Phone : 720-876-3761 Fax : 720-876-6060  
5. API Number : 05045170620000 OGCC Facility ID Number 9-4A (E9W)  
6. Well/Facility Name : HMU 9-4A (E9W) 7. Well/Facility Number : 9-4A (E9W)  
8. Location (Qtr/Qtr, Sec, Twp, Rng, Meridian) : SWNW Sec 9 T7S - R93W 6th PM  
9. County : GARFIELD 10. Field Name : Mamm Creek  
11. Federal, Indian or State Lease Number : COC 55972E

Complete the Attachment Checklist

|                      |                                     |      |
|----------------------|-------------------------------------|------|
|                      | OP                                  | OGCC |
| Survey Plat          | <input type="checkbox"/>            |      |
| Directional Survey   | <input type="checkbox"/>            |      |
| Surface Eqpm Diagram | <input type="checkbox"/>            |      |
| Technical Info Page  | <input checked="" type="checkbox"/> |      |
| Other                | <input checked="" 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 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 ☐ Report of Work Done  
Approximate Start Date : 03/07/2010 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 for spills and Releases  
☐ Casing/Cementing Program Change ☐ Other :

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

Signed: Miracle Pfister Date : 02/10/2010 Email: miracle.pfister@encana.com  
Print Name : MIRACLE PFISTER Title : REGULATORY ANALYST

COGCC Approved: \_\_\_\_\_ Title: \_\_\_\_\_ Date: \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY: \_\_\_\_\_

TECHNICAL INFORMATION PAGE



FOR OGCC USE ONLY

1. OGCC Operator Number: 100185 API Number: 05045170620000  
2. Name of Operator: EnCana Oil & Gas (USA) Inc. OGCC Facility ID # 9-4A (E9W)  
3. Well/Facility Name: HMU 9-4A (E9W) Well/Facility Number: 9-4A (E9W)  
4. Location (QtrQtr, Sec, Twp, Rng, Meridian): SWNW Sec 9 T7S - R93W 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 OIL & GAS (USA) INC REQUESTS APPROVAL TO RECOMPLETE THE ABOVE REFERENCED WELL AS FOLLOWS:

PERFORATE & FRAC THE FOLLOWING STAGES IN THE WILLIAMS FORK:

|         |           |       |                   |
|---------|-----------|-------|-------------------|
| STAGE 1 | 9004-9303 | 3 spf | total of 27 holes |
| STAGE 2 | 8750-8919 | 3 spf | total of 27 holes |
| STAGE 3 | 8502-8709 | 3 spf | total of 27 holes |
| STAGE 4 | 8216-8470 | 3 spf | total of 27 holes |
| STAGE 5 | 7948-8188 | 3 spf | total of 27 holes |
| STAGE 6 | 7756-7903 | 3 spf | total of 27 holes |
| STAGE 7 | 7607-7748 | 3 spf | total of 27 holes |

A CURRENT WELLBORE SCHEMATIC IS ATTACHED.

Downhole Schematic for HMU 9-4A (E9W)



Project :South Piceance

API # :05045170620000

Surface Location : SWNW Sec 9 T7S - R93W 6th PV

Area : Mamm Creek

County : GARFIELD

BHL : NWNW-9-7S-93 W 6th PM

As Of : 09/25/2009

GL : 7120.0 ft

KB to GL : 22.0 ft

KB : 7142.0 ft

|            |   |           |           |                              |   |        |        |         |               |           |
|------------|---|-----------|-----------|------------------------------|---|--------|--------|---------|---------------|-----------|
| Set @ 62   | Casing Details  |           |           |                              |   |        |        |         |               |           |
|            | Section   | Hole      | Casing    | Mass                         | Set At  | Length | Thread | Grade   | Description   | Conductor |
|            | Conductor   | 26.000    | 16        | 42                           | 62  | 40     |        |         |               |           |
| Set @ 1108 | Surface   | 12.250    | 9.625     | 36                           | 1,108   | 1      | LT&C   | L80     | Guide Shoe    |           |
|            |   |           | 9.625     | 36                           | 1,107   | 39     | LT&C   | J55     | Casing        |           |
|            |   |           | 9.625     | 36                           | 1,069   | 1      | LT&C   | L80     | Float Collar  |           |
|            |   |           | 9.625     | 36                           | 1,067   | 1,039  | LT&C   | J55     | Casing        |           |
|            |   |           | 9.625     | 36                           | 28  | 3      | LT&C   | J55     | Pup           |           |
|            |   |           | 11        | 0                            | 25  | 2      |        |         | LSH Wellhead  |           |
|            |   |           | 9.625     | 36                           | 23  | 26     | LT&C   | J55     | Landing jt    |           |
|            | Production  | 8.750     | 4.5       | 11.6                         | 10,331  | 2      | LT&C   | I-80    | Float Shoe    |           |
|            |   |           | 4.5       | 11.6                         | 10,330  | 45     | LT&C   | S-80    | Casing        |           |
|            |   |           | 4.5       | 11.6                         | 10,284  | 2      | LT&C   | I-80    | Float Collar  |           |
|            |   |           | 4.5       | 11.6                         | 10,283  | 7,703  | LT&C   | S-80    | Casing        |           |
|            |   |           | 4.5       | 11.6                         | 2,580   | 2,553  | LT&C   | HCP-110 | Casing        |           |
|            |   |           |           | 11.6                         | 27  | 6      |        |         | Mandrel/Pup   |           |
|            |   |           | 4.5       | 11.6                         | 22  | 26     | LT&C   | P-110   | Landing Joint |           |
|            | Cement Details  |           |           |                              |   |        |        |         |               |           |
|            | Section   | Sequence  | Top       | Density                      | Blend / Additives   |        |        |         |               |           |
|            | Conductor   | Fill      | 0         | 0.0                          | Class G with 2% CaCl /  |        |        |         |               |           |
|            | Surface   | Lead      | 0         | 12.5                         | "G" / 2%D79+.2%D46+.25#/skD29   |        |        |         |               |           |
|            |   | Tail      | 608       | 15.8                         | "G" / 1.25%S1+2%D46+.25#/skD29  |        |        |         |               |           |
|            | Production  | Lead      | 5,051     | 12.0                         | HMS TXI / + 1% D079 + 0.5% D046 + 0.9% D013 + 0.25#/sk D029             |        |        |         |               |           |
|            |   | Tail      | 7,569     | 13.0                         | HMS TXI / 3% D20 + 0.2% D112 + 0.4% D013 + 0.5% D046 + 0.25 lbs/sk D029 |        |        |         |               |           |
|            | Tubing and Downhole Equipment   |           |           |                              |   |        |        |         |               |           |
|            | O.D.  | Length    | Depth     | Description                  |   |        |        |         |               |           |
|            | 0.000   | 20.00     | 20.00     | Landed Below 22' KB          |   |        |        |         |               |           |
|            | 4.015   | 0.54      | 20.54     | MTH2 Tubing Mandrel          |   |        |        |         |               |           |
|            | 2.594   | 0.70      | 21.24     | 2-3/8" N80 Tubing Nipple     |   |        |        |         |               |           |
|            | 2.375   | 10,021.90 | 10,043.10 | 316 jts 2-3/8 tbg as below   |   |        |        |         |               |           |
|            | 2.594   | 1.29      | 10,044.40 | 1.875" ID 'X' Profile nipple |   |        |        |         |               |           |
|            | 2.375   | 31.74     | 10,076.20 | 2-3/8" 4.7# L80 Eue Tubing   |   |        |        |         |               |           |
|            | 3.063   | 0.40      | 10,076.50 | 2-3/8" Notched tbg coupling  |   |        |        |         |               |           |
|            | Perforations  |           |           |                              |   |        |        |         |               |           |
|            | Stage 1   |           |           |                              |   |        |        | 10,198  | 10,199        | 3         |
|            | Date  | From      | To        | Shots                        |   |        |        | 10,180  | 10,181        | 3         |
|            | 07/20/2009  | 10,258    | 10,259    | 3                            |   |        |        | 10,164  | 10,165        | 3         |
|            |   | 10,246    | 10,247    | 3                            |   |        |        | 10,146  | 10,147        | 3         |
|            |   | 10,232    | 10,233    | 3                            |   |        |        | 10,120  | 10,121        | 3         |
|            |   | 10,218    | 10,219    | 3                            |   |        |        |         |               |           |
|            | Frac Summary  |           |           |                              |   |        |        |         |               |           |
|            | Stage 1 : 10,120 - 10,259, 27 - 0.340" shots, 9182 bbls, 126900 lbs of 20-40 Sand Report Date: 07/23/2009 |           |           |                              |   |        |        |         |               |           |
|            | Comments  |           |           |                              |   |        |        |         |               |           |
|            | 7/23/09 Baden head 0 psi  |           |           |                              |   |        |        |         |               |           |
|            | 8/18/09 Baden head 0 psi  |           |           |                              |   |        |        |         |               |           |
|            | 9/25/09, SIBP 0 psi   |           |           |                              |   |        |        |         |               |           |

