

**State of Colorado**  
**Oil and Gas Conservation Commission**

1120 Lincoln Street, Suite 801, Denver, Colorado 80205 Phone: (303) 894-2100 Fax: (303) 894-2109



|                                   |    |    |    |
|-----------------------------------|----|----|----|
| DE                                | ET | OE | ES |
| Document Number:<br><br>400446668 |    |    |    |

**SUNDRY NOTICE**

Submit a signed original. This form is to be used for general, technical and environmental sundry information. For proposed or completed operations, describe in full in Comments or provide as an attachment. Identify Well by API Number; identify Oil and Gas Location by Location ID Number; identify other Facility by Facility ID Number.

OGCC Operator Number: 100185 Contact Name Alexis Bidgood  
 Name of Operator: ENCANA OIL & GAS (USA) INC Phone: (720) 876-3074  
 Address: 370 17TH ST STE 1700 Fax: ( )  
 City: DENVER State: CO Zip: 80202-5632 Email: Alexis.Bidgood@encana.com

Complete the Attachment  
Checklist  
  
OP OGCC

API Number : 05- 045 21271 00 OGCC Facility ID Number: 427165  
 Well/Facility Name: MCU Well/Facility Number: 22-14C (N22W)  
 Location QtrQtr: SESW Section: 22 Township: 7S Range: 93W Meridian: 6  
 County: GARFIELD Field Name: MAMM CREEK  
 Federal, Indian or State Lease Number: COC69616

|                     |  |  |
|---------------------|--|--|
| Survey Plat         |  |  |
| Directional Survey  |  |  |
| Srfc Eqpmt Diagram  |  |  |
| Technical Info Page |  |  |
| Other               |  |  |

**CHANGE OF LOCATION OR AS BUILT GPS REPORT**

- Change of Location \*       As-Built GPS Location Report       As-Built GPS Location Report with Survey

\* Well location change requires new plat. A substantive surface location change may require new Form 2A.

**SURFACE LOCATION GPS DATA** Data must be provided for Change of Surface Location and As Built Reports.

Latitude 39.425629 PDOP Reading 0.0 Date of Measurement 05/18/2011  
 Longitude -107.761907 GPS Instrument Operator's Name Ted T. Taggart

**LOCATION CHANGE (all measurements in Feet)**

Well will be: DIRECTIONAL (Vertical, Directional, Horizontal)

Change of **Surface** Footage **From** Exterior Section Lines:

|            |            |             |            |
|------------|------------|-------------|------------|
| FNL/FSL    |            | FEL/FWL     |            |
| <u>567</u> | <u>FSL</u> | <u>2106</u> | <u>FWL</u> |

Change of **Surface** Footage **To** Exterior Section Lines:

|            |            |             |            |
|------------|------------|-------------|------------|
| <u>557</u> | <u>FSL</u> | <u>2116</u> | <u>FWL</u> |
|------------|------------|-------------|------------|

Current **Surface** Location **From** QtrQtr SESW Sec 22

|               |                  |                   |
|---------------|------------------|-------------------|
| Twp <u>7S</u> | Range <u>93W</u> | Meridian <u>6</u> |
|---------------|------------------|-------------------|

New **Surface** Location **To** QtrQtr SESW Sec 22

|               |                  |                   |
|---------------|------------------|-------------------|
| Twp <u>7S</u> | Range <u>93W</u> | Meridian <u>6</u> |
|---------------|------------------|-------------------|

Change of **Top of Productive Zone** Footage **From** Exterior Section Lines:

|            |            |             |            |
|------------|------------|-------------|------------|
| <u>520</u> | <u>FSL</u> | <u>2405</u> | <u>FWL</u> |
|------------|------------|-------------|------------|

Change of **Top of Productive Zone** Footage **To** Exterior Section Lines:

|            |            |             |            |    |
|------------|------------|-------------|------------|----|
| <u>276</u> | <u>FSL</u> | <u>2422</u> | <u>FWL</u> | ** |
|------------|------------|-------------|------------|----|

Current **Top of Productive Zone** Location **From** Sec 22

|               |                  |
|---------------|------------------|
| Twp <u>7S</u> | Range <u>93W</u> |
|---------------|------------------|

New **Top of Productive Zone** Location **To** Sec 22

|               |                  |
|---------------|------------------|
| Twp <u>7S</u> | Range <u>93W</u> |
|---------------|------------------|

Change of **Bottomhole** Footage **From** Exterior Section Lines:

|            |            |             |            |
|------------|------------|-------------|------------|
| <u>520</u> | <u>FSL</u> | <u>2405</u> | <u>FWL</u> |
|------------|------------|-------------|------------|

Change of **Bottomhole** Footage **To** Exterior Section Lines:

|            |            |             |            |    |
|------------|------------|-------------|------------|----|
| <u>276</u> | <u>FSL</u> | <u>2422</u> | <u>FWL</u> | ** |
|------------|------------|-------------|------------|----|

Current **Bottomhole** Location Sec 22 Twp 7S Range 93W

\*\* attach deviated drilling plan

New **Bottomhole** Location Sec 22 Twp 7S Range 93W

Is location in High Density Area? No

Distance, in feet, to nearest building 3400, public road: 2200, above ground utility: 2100, railroad: 38000,  
 property line: 464, lease line: 276, well in same formation: 360

Ground Elevation 7026 feet Surface owner consultation date \_\_\_\_\_



Comments:

**ENGINEERING AND ENVIRONMENTAL WORK**

NOTICE OF CONTINUED TEMPORARILY ABANDONED STATUS

Indicate why the well is temporarily abandoned and describe future plans for utilization in the COMMENTS box below or provide as an attachment, as required by Rule 319.b.(3).

Date well temporarily abandoned \_\_\_\_\_ Has Production Equipment been removed from site? \_\_\_\_\_

Mechanical Integrity Test (MIT) required if shut in longer than 2 years. Date of last MIT \_\_\_\_\_

SPUD DATE: \_\_\_\_\_

**TECHNICAL ENGINEERING AND ENVIRONMENTAL WORK**

Details of work must be described in full in the COMMENTS below or provided as an attachment.

NOTICE OF INTENT Approximate Start Date 08/14/2013

REPORT OF WORK DONE Date Work Completed \_\_\_\_\_

|  |   |  |
|--|---|--|
| <input type="checkbox"/> Intent to Recomplete (Form 2 also required) | <input type="checkbox"/> Request to Vent or Flare   | <input type="checkbox"/> E&P Waste Mangement Plan      |
| <input checked="" type="checkbox"/> Change Drilling Plan             | <input type="checkbox"/> Repair Well  | <input type="checkbox"/> Beneficial Reuse of E&P Waste |
| <input type="checkbox"/> Gross Interval Change                       | <input type="checkbox"/> Rule 502 variance requested. Must provide detailed info regarding request. |  |
| <input type="checkbox"/> Other _____                                 | <input type="checkbox"/> Status Update/Change of Remediation Plans for Spills and Releases          |  |

**COMMENTS:**

Conductor casing will change from 0-40' with a 24" hole and 16" casing size to 0-60', with a 24" hole and 16" casing size. Surface casing will go from 0-200' with a hole size of 14-3/4" and casing size of 9-5/8". Surface casing will continue from 200'- 1500' with a hole size of 12-1/4" and casing size of 9-5/8". Surface cement will go from 738 sx to 523 sx. Production casing will change from 0-10324' with a hole size of 8-3/4 and casing size of 4-1/2". Production casing will change from 0-7946' with hole size of 8-3/4" and casing size of 4-1/2". And continue on from 7946'- 10204' with a hole size of 7-7/8" and casing size of 4-1/2", thus decreasing the TD from 10324' to 10204' Production cement will decrease from 1137 sx to 872 sx. This is a tapered hole: surface hole size is 14-3/4" and 12-1/4"; production casing is 8-3/4" and 7-7/8". TOC < 200' above the MSVD.

**CASING AND CEMENTING CHANGES**

| Casing Type      | Size | Of | / | Hole | Size | Of | / | Casing | Wt/Ft    | Csg/LinTop | Setting Depth | Sacks of Cement | Cement Bottom | Cement Top |
|------------------|------|----|---|------|------|----|---|--------|----------|------------|---------------|-----------------|---------------|------------|
| Conductor casing | 24   | 0  |   | 0    | 16   | 0  |   | 0      | Linepipe | 0          | 60            | 5               | 60            | 0          |
| Surface String   | 12   | 1  |   | 4    | 9    | 5  |   | 8      | 36       | 0          | 1500          | 523             | 1500          | 0          |
| Second String    | 7    | 7  |   | 8    | 4    | 1  |   | 2      | 11.6     | 0          | 10204         | 872             | 10204         | 6137       |

**H2S REPORTING**

Data Fields in this section are intended to document Sample and Location Data associated with the collection of a Gas Sample that is submitted for Laboratory Analysis.

Gas Analysis Report must be attached.

H2S Concentration: \_\_\_\_\_ in ppm (parts per million) Date of Measurement or Sample Collection \_\_\_\_\_

Description of Sample Point:

Absolute Open Flow Potential \_\_\_\_\_ in CFPD (cubic feet per day)

Description of Release Potential and Duration (If flow is not open to the atmosphere, identify the duration in which the container or pipeline would likely be opened for servicing operations.):

Distance to nearest occupied residence, school, church, park, school bus stop, place of business, or other areas where the public could reasonably be expected to frequent: \_\_\_\_\_

Distance to nearest Federal, State, County, or municipal road or highway owned and principally maintained for public use: \_\_\_\_\_

COMMENTS:

**BMP**

Type

Comment

| <u>Type</u> | <u>Comment</u> |
|-------------|----------------|
|             |                |

Total: 0 comment(s)

**Operator Comments:**

Encana Oil & Gas (USA) Inc. requests permission to change SHL, BHL, TD, and surface and production casing programs on the above referenced well.

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

Signed: \_\_\_\_\_ Print Name: Alexis Bidgood  
Title: Permitting Analyst Email: Alexis.Bidgood@encana.com Date: \_\_\_\_\_

Based on the information provided herein, this Sundry Notice (Form 4) complies with COGCC Rules and applicable orders and is hereby approved.

COGCC Approved: \_\_\_\_\_ Date: \_\_\_\_\_

**CONDITIONS OF APPROVAL, IF ANY:**

\_\_\_\_\_

**General Comments**

| <b><u>User Group</u></b> | <b><u>Comment</u></b> | <b><u>Comment Date</u></b> |
|--------------------------|-----------------------|----------------------------|
|                          |                       |                            |

Total: 0 comment(s)

**Attachment Check List**

| <b><u>Att Doc Num</u></b> | <b><u>Name</u></b>     |
|---------------------------|------------------------|
| 400446907                 | DEVIATED DRILLING PLAN |
| 400446910                 | WELL LOCATION PLAT     |
| 400447215                 | DIRECTIONAL DATA       |

Total Attach: 3 Files