

# State of Colorado Oil and Gas Conservation Commission

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

Complete the Attachment  
Checklist

OP OGCC

|  |                 |                       |                      |           |                          |               |            |           |          |
|--|-----------------|-----------------------|----------------------|-----------|--------------------------|---------------|------------|-----------|----------|
| API Number :                           | <u>05-</u>      | <u>045</u>            | <u>21273</u>         | <u>00</u> | OGCC Facility ID Number: | <u>427168</u> |            |           |          |
| Well/Facility Name:                    | <u>MCU</u>      | Well/Facility Number: | <u>22-14A (N22W)</u> |           |                          |               |            |           |          |
| Location QtrQtr:                       | <u>SESW</u>     | Section:              | <u>22</u>            | Township: | <u>7S</u>                | Range:        | <u>93W</u> | Meridian: | <u>6</u> |
| County:                                | <u>GARFIELD</u> | Field Name:           | <u>MAMM CREEK</u>    |           |                          |               |            |           |          |
| Federal, Indian or State Lease Number: | <u>C0C69616</u> |                       |                      |           |                          |               |            |           |          |

|                     |  |  |
|---------------------|--|--|
| Survey Plat         |  |  |
| Directional Survey  |  |  |
| Srvc 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 05/28/2011  
Longitude -107.761848 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:

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

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

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

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

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

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

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

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

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

Current **Bottomhole** Location Sec 22 Twp 7S

New **Bottomhole** Location Sec 22 Twp 7S

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: 447, lease line: 153, well in same formation: 320

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

| FNL/FSL       |                  | FEL/FWL           |                                  |
|---------------|------------------|-------------------|----------------------------------|
| <u>567</u>    | <u>FSL</u>       | <u>2123</u>       | <u>FWL</u>                       |
| <u>556</u>    | <u>FSL</u>       | <u>2133</u>       | <u>FWL</u>                       |
| Twp <u>7S</u> | Range <u>93W</u> | Meridian <u>6</u> |                                  |
| Twp <u>7S</u> | Range <u>93W</u> | Meridian <u>6</u> |                                  |
| <u>1200</u>   | <u>FSL</u>       | <u>2400</u>       | <u>FWL</u>                       |
| <u>961</u>    | <u>FSL</u>       | <u>2427</u>       | <u>FWL</u>                       |
| Twp <u>7S</u> | Range <u>93W</u> |                   |                                  |
| Twp <u>7S</u> | Range <u>93W</u> |                   |                                  |
| <u>1200</u>   | <u>FSL</u>       | <u>2400</u>       | <u>FWL</u>                       |
| <u>961</u>    | <u>FSL</u>       | <u>2427</u>       | <u>FWL</u>                       |
|               |                  |                   | ** attach deviated drilling plan |
|               |                  |                   |                                  |

**CHANGE OR ADD OBJECTIVE FORMATION AND/OR SPACING UNIT**

| <u>Objective Formation</u> | <u>Formation Code</u> | <u>Spacing Order Number</u> | <u>Unit Acreage</u> | <u>Unit Configuration</u> |
|----------------------------|-----------------------|-----------------------------|---------------------|---------------------------|
|                            |                       |                             |                     |                           |

**OTHER CHANGES**

☐ **REMOVE FROM SURFACE BOND** Signed surface use agreement is a required attachment

☐ **CHANGE OF WELL, FACILITY OR OIL & GAS LOCATION NAME OR NUMBER**

From: Name MCU Number 22-14A (N22W) Effective Date: \_\_\_\_\_

To: Name \_\_\_\_\_ Number \_\_\_\_\_

☐ **ABANDON PERMIT: Permit can only be abandoned if the permitted operation has NOT been conducted. Field inspection will be conducted to verify site status.**

☐ WELL: Abandon Application for Permit-to-Drill (Form2) – Well API Number \_\_\_\_\_ has not been drilled.

☐ PIT: Abandon Earthen Pit Permit (Form 15) – COGCC Pit Facility ID Number \_\_\_\_\_ has not been constructed (Permitted and constructed pit requires closure per Rule 905)

☐ CENTRALIZED E&P WASTE MANAGEMENT FACILITY: Abandon Centralized E&P Waste Management Facility Permit (Form 28) – Facility ID Number \_\_\_\_\_ has not been constructed (Constructed facility requires closure per Rule 908)

OIL & GAS LOCATION ID Number: \_\_\_\_\_

☐ Abandon Oil & Gas Location Assessment (Form 2A) – Location has not been constructed and site will not be used in the future.

☐ Keep Oil & Gas Location Assessment (Form 2A) active until expiration date. This site will be used in the future.

**Surface disturbance from Oil and Gas Operations must be reclaimed per Rule 1003 and Rule 1004.**

☐ **REQUEST FOR CONFIDENTIAL STATUS**

☐ **DIGITAL WELL LOG UPLOAD**

☒ **DOCUMENTS SUBMITTED** Purpose of Submission: Change Plan

**RECLAMATION****INTERIM RECLAMATION**

☐ Interim Reclamation will commence approximately \_\_\_\_\_

Per Rule 1003.e.(3) operator shall submit Sundry Notice reporting interim reclamation is complete and site is ready for inspection when vegetation reaches 80% coverage.

☐ Interim reclamation complete, site ready for inspection.

Per Rule 1003.e(3) describe interim reclamation procedure in Comments below or provide as an attachment and attach required location photographs.

**Field inspection will be conducted to document Rule 1003.e. compliance**

**FINAL RECLAMATION**

☐ Final Reclamation will commence approximately \_\_\_\_\_

Per Rule 1004.c.(4) operator shall submit Sundry Notice reporting final reclamation is complete and site is ready for inspection when vegetation reaches 80% coverage.

☐ Final reclamation complete, site ready for inspection. Per Rule 1004.c(4) describe final reclamation procedure in Comments below or provide as an attachment.

**Field inspection will be conducted to document Rule 1004.c. compliance**

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 07/12/2013

☐ 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'- 1200' with a hole size of 12-1/4" and casing size of 9-5/8". Surface cement decrease from 694 sx to 443 sx. Production casing will change from 0-9370' with a hole size of 8-3/4 and casing size of 4-1/2". Production casing will change to 0-7954' with hole size of 8-3/4" and casing size of 4-1/2". And continue on from 7954'- 9250' with a hole size of 7-7/8"and casing size of 4-1/2", thus decreasing the TD from 9370' to 9250'. Surface cement will decrease from 694 sx to 443 sx. Production cement will decrease from 897 sx to 627 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      | .25" Wall | 0          | 60            | 5               | 60            | 0          |
| Surface String   | 12   | 1  |   | 4    | 9    | 5  |   | 8      | 36        | 0          | 1200          | 443             | 1200          | 0          |
| Second String    | 7    | 7  |   | 8    | 4    | 1  |   | 2      | 11.6      | 0          | 9250          | 627             | 9250          | 6144       |

**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:

| Best Management Practices |              |             |
|---------------------------|--------------|-------------|
| No                        | BMP/COA Type | Description |
|                           |              |             |

**Operator Comments:**

Encana Oil & Gas (USA) Inc. requests permission to 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: 7/12/2013

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

COGCC Approved: WEEMS, MARK Date: 9/10/2013

**CONDITIONS OF APPROVAL, IF ANY:****COA Type****Description**

|  |                                |
|--|--------------------------------|
|  | Original APD COA's still apply |
|--|--------------------------------|

**General Comments****User Group****Comment****Comment Date**

|  |  |  |
|--|--|--|
|  |  |  |
|--|--|--|

Total: 0 comment(s)

**Attachment Check List****Att Doc Num****Name**

|           |                        |
|-----------|------------------------|
| 400446670 | FORM 4 SUBMITTED       |
| 400447037 | DEVIATED DRILLING PLAN |
| 400447038 | WELL LOCATION PLAT     |
| 400447241 | DIRECTIONAL DATA       |

Total Attach: 4 Files