

**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>400432109 |    |    |    |

**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 Judith Walter  
 Name of Operator: ENCANA OIL & GAS (USA) INC Phone: (720) 876-3702  
 Address: 370 17TH ST STE 1700 Fax: (720) 876-4702  
 City: DENVER State: CO Zip: 80202-5632 Email: judith.walter@encana.com

Complete the Attachment  
Checklist

OP OGCC

API Number : 05- 045 20937 00 OGCC Facility ID Number: 424678  
 Well/Facility Name: STORY GULCH Well/Facility Number: 8507C-35 D36496  
 Location QtrQtr: Lot 4 Section: 36 Township: 4S Range: 96W Meridian: 6  
 County: GARFIELD Field Name: GRAND VALLEY  
 Federal, Indian or State Lease Number: COC61136

|                     |  |  |
|---------------------|--|--|
| 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                      PDOP Reading                      Date of Measurement                       
 Longitude                      GPS Instrument Operator's Name                     

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

Well will be:                      (Vertical, Directional, Horizontal)

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

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

Current **Surface** Location **From** QtrQtr Lot 4 Sec 36

New **Surface** Location **To** QtrQtr                      Sec                     

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 25

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

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

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

Current **Bottomhole** Location Sec 36 Twp 4S

New **Bottomhole** Location Sec                      Twp                     

Is location in High Density Area?                     

Distance, in feet, to nearest building                     , public road:                     , above ground utility:                     , railroad:                     ,

property line:                     , lease line:                     , well in same formation:                     

Ground Elevation                      feet Surface owner consultation date                     

|                                 |                                   |                                      |                             |
|---------------------------------|-----------------------------------|--------------------------------------|-----------------------------|
| FNL/FSL                         |                                   | FEL/FWL                              |                             |
| <u>392</u>                      | <u>FNL</u>                        | <u>1053</u>                          | <u>FWL</u>                  |
| <u>                    </u>     | <u>                    </u>       | <u>                    </u>          | <u>                    </u> |
| Twp <u>4S</u>                   | Range <u>96W</u>                  | Meridian <u>6</u>                    |                             |
| Twp <u>                    </u> | Range <u>                    </u> | Meridian <u>                    </u> |                             |
| <u>579</u>                      | <u>FSL</u>                        | <u>1995</u>                          | <u>FEL</u>                  |
| <u>                    </u>     | <u>                    </u>       | <u>                    </u>          | <u>                    </u> |
| Twp <u>4S</u>                   | Range <u>96W</u>                  |                                      |                             |
| Twp <u>                    </u> | Range <u>                    </u> |                                      |                             |
| <u>2050</u>                     | <u>FNL</u>                        | <u>1805</u>                          | <u>FEL</u>                  |
| <u>                    </u>     | <u>                    </u>       | <u>                    </u>          | <u>                    </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 STORY GULCH      Number 8507C-35 D36496      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: \_\_\_\_\_

## 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    06/23/2013

☐ 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 type="checkbox"/> Change Drilling Plan                        | <input checked="" 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:

Verbal approval by Jay Krabacher today 6/11/13 to Sally Grady, Completions Engineer, North Piceance,  
Office: 720-876-5087, Cell: 303-570-2548

Notice of Intent to Set an External Casing Patch  
Well Name: SG 8507C-35 D36  
API Number: 05045209370000

### Completions History

On 6/5/2013, the production casing (4-1/2" OD, P-110, 11.6 lb/ft ) in this well failed to hold pressure during a pressure test. Spinner, temperature, and MIT logs confirmed a blown out joint of casing from 2867'-2911'. The damaged joint of production casing sits inside the surface casing string. The following procedure outlines the steps that will be followed to repair the casing before proceeding with frac operations.

### Objective:

Cut production casing (4-1/2" OD, P-110, 11.6 lb/ft) below bad joint located at 2,867'-2,911'. Repair casing with a 4-1/2" P-110 external packer type casing patch, rated to 10,000 psi.

### Procedure:

1. Hold a pre-job safety meeting. Discuss all aspects of the procedure with any involved personnel. Identify and address any safety concerns before the job begins.
2. Install 7 1/16" 5k tubing head.
3. NU BOPs.
4. RU wireline and RIH with wireline cutter assembly. Cut casing at ~2,924'.
5. POH with cutter, rig down wireline.
6. PU spear and engage grapple. Pull 4-1/2" 11.6# P-110 casing to first collar to pull slips. Lay down the cut joint and spear. Lay down 4-1/2" 11.6# P-110 casing on racks until the damaged joint has been laid down.
7. Make up 5-7/8" OD P-110 Buttress 10,000 psi packer type casing patch for 4-1/2" OD casing. RIH with patch and 4-1/2" 11.6# P-110 casing.
8. Set patch over the top of fish at ~2,924'. Engage slips and pull at approximately 70,000 lbf to engage casing patch. Pressure test casing and patch.
9. Set casing slips.
10. Proceed with normal frac operations.

## 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 |
|-------------|------|----|---|------|------|----|---|--------|-------|------------|---------------|-----------------|---------------|------------|
|             |      |    |   |      |      |    |   |        |       |            |               |                 |               |            |

## 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

Total: 0 comment(s)

#### **Operator Comments:**

Verbal approval by Jay Krabacher today 6/11/13 to Sally Grady, Completions Engineer, North Piceance,  
Office: 720-876-5087, Cell: 303-570-2548

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

Signed: \_\_\_\_\_ Print Name: Judith

Title: Walter Email: judith.walter@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**

User Group

Comment

Comment Date

Total: 0 comment(s)

### **Attachment Check List**

Att Doc Num

Name

Total Attach: 0 Files