

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: <u>400456217</u>			
Date Received: <u>07/25/2013</u>			

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 Amy Henline
 Name of Operator: ENCANA OIL & GAS (USA) INC Phone: (720) 876-3364
 Address: 370 17TH ST STE 1700 Fax: ()
 City: DENVER State: CO Zip: 80202-5632 Email: amy.henline@encana.com

Complete the Attachment
Checklist

OP OGCC

API Number : 05- 045 21167 00 OGCC Facility ID Number: 426499
 Well/Facility Name: STORY GULCH Well/Facility Number: 8505B-24
 Location QtrQtr: NWSW Section: 24 Township: 4S Range: 96W Meridian: 6
 County: GARFIELD Field Name: GRAND VALLEY
 Federal, Indian or State Lease Number: COC64814

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 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 NWSW Sec 24

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 24

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 24 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	
1684	FSL	951	FWL
Twp 4S	Range 96W	Meridian 6	
Twp	Range	Meridian	
1029	FNL	668	FWL
Twp 4S	Range 96W		
Twp	Range		
1668	FNL	669	FWL

**

**

** 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 8505B-24 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 07/25/2013

☐ 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 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 checked="" type="checkbox"/> Other <u>Cement Remediation</u> | <input type="checkbox"/> Status Update/Change of Remediation Plans for Spills and Releases | |

COMMENTS:

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:

Best Management Practices

<u>No</u>		<u>BMP/COA Type</u>	<u>Description</u>

Operator Comments:

Encana (Nate Denzin) recently discussed the surface casing cement quality on the SG 8505B-24 L24 496 well with the BLM (Bob Hartman, Bud Thompson). This surface cement job requires some form of remediation. To determine what type of remediation is required we proposed to run in the annulus (between the open hole and 9 5/8" surface casing) with 1.9" tubing rigged up with a 100 ton crane. A mule shoe would initially be made up on the end of the tubing. If we cannot run in the annulus with that string configuration, we will trip out and run back in with a small roller cone bit and use surface tongs to work the tubing in the hole.

Once we are no longer able to run in the hole, we will conduct a conference call with the BLM to discuss remediation procedures. If we are able to run in the hole ~1000', we would be able to top off cement to surface. If we are not able to run in the hole ~1000', perforating and cement squeezes may need to be performed.

Encana will notify the BLM White River Field Office prior to these conducting operations.

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

Signed: _____ Print Name: Amy Henline
Title: Permitting Analyst Email: amy.henline@encana.com Date: 7/25/2013

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

COGCC Approved: ANDREWS, DAVID Date: 8/12/2013

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

	Submit all cement tickets for surface casing, including top-out remedial cement tickets with forthcoming Form 5 (Drilling Completion Report). Submit copy of 6/30/2013 surface casing Cement Isolation Scanner Log with forthcoming Form 5 (Drilling Completion Report).
--	--

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

Engineer	6/13/2013 Cement Isolation Scanner Log showed some cement near surface but areas of poor bond from 2500' to 1500' MD to surface. Per Nate Denzin on 8/8/2013: While running in the hole with tubing on this well, we were not able to get past 208' MD. Multiple attempts were made to get past this point, and field personnel describe hitting something "very hard" at this depth. Observations from the field were that they got circulation and circulated hole clean with water. While circulating the hole clean, CEMNET was seen at surface. This isn't a surprise as we had good returns on this well for almost the entire job. The presence of CEMNET and hitting hard at 208' would indicate a good cement top at that depth. The preferred remediation for this well is to pump 15.8 ppg (1.16 ft3/sx) to surface from where the tubing is currently landed. Calculated volume would be 130 sacks. If cement is to fall while thickening, we would continue to top off with the same cement grade from surface. Although we could not get as deep with tubing on this well, that was expected as the USIT logs for this well look much better than the 8505A-24 L24. Dave Andrews granted approval to proceed via email to Nate Denzin on 8/8/2013.	8/12/2013 3:20:52 PM
Permit	Refer to Dave for Engineering.	8/12/2013 2:47:01 PM

Total: 2 comment(s)

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

2055819	CEMENT JOB SUMMARY
---------	--------------------

Total Attach: 1 Files