

State of Colorado Oil and Gas Conservation Commission

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DE	ET	OE	ES
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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: 10110 Contact Name Callie Fiddes
 Name of Operator: GREAT WESTERN OPERATING COMPANY LLC Phone: (303) 398-0550
 Address: 1801 BROADWAY #500 Fax: ()
 City: DENVER State: CO Zip: 80202 Email: cfiddes@gwogco.com

Complete the Attachment
Checklist

OP OGCC

API Number : 05- 123 41675 00 OGCC Facility ID Number: 442109
 Well/Facility Name: Simpson FD Well/Facility Number: 16-379HN
 Location QtrQtr: SENE Section: 15 Township: 6N Range: 67W Meridian: 6
 County: WELD Field Name: WATTENBERG
 Federal, Indian or State Lease Number: _____

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 40.488317 PDOP Reading 1.3 Date of Measurement 10/19/2016
 Longitude -104.874231 GPS Instrument Operator's Name Dallas Nielsen

LOCATION CHANGE (all measurements in Feet)

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

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

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

Current **Surface** Location **From** QtrQtr SENE Sec 15

New **Surface** Location **To** QtrQtr SENE Sec 15

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 15

New **Top of Productive Zone** Location **To** Sec 15

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

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

Current **Bottomhole** Location Sec 16 Twp 6N

New **Bottomhole** Location Sec 16 Twp 6N

Is location in High Density Area? No

Distance, in feet, to nearest building 418, public road: 638, above ground utility: 495, railroad: 5261,

property line: 262, lease line: 0, well in same formation: 13

Ground Elevation 4811 feet Surface owner consultation date 10/31/2014

FNL/FSL		FEL/FWL	
<u>2136</u>	<u>FNL</u>	<u>984</u>	<u>FEL</u>
<u>2136</u>	<u>FNL</u>	<u>1119</u>	<u>FEL</u>
Twp <u>6N</u>	Range <u>67W</u>	Meridian <u>6</u>	
Twp <u>6N</u>	Range <u>67W</u>	Meridian <u>6</u>	
<u>330</u>	<u>FSL</u>	<u>2141</u>	<u>FWL</u>
<u>465</u>	<u>FSL</u>	<u>2151</u>	<u>FWL</u> **
Twp <u>6N</u>	Range <u>67W</u>		
Twp <u>6N</u>	Range <u>67W</u>		
<u>330</u>	<u>FSL</u>	<u>470</u>	<u>FWL</u>
<u>465</u>	<u>FSL</u>	<u>460</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>
NIOBRARA	NBRR	407-1307	1120	S15:W2, NE4, S16:All

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 SIMPSON FD Number 16-379HN 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 03/27/2017

☐ 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:

Moving surface west 135'. Moving entry point 135' to the south and 10' to the south. Moving the bottom hole 135' to the south and 10' to the west. The casing has also been updated. Revised directional information, a well location plat and a pdf of the updated HZ offset are attached.

1. Wells removed from the revised horizontal offset file that were on the original file at the time the original permits were submitted.

API # Well Name Well Status Operator

05-123-38179 Windsor LV E-14H DG EXTRACTION

05-123-38175 Windsor LV F-14H DG EXTRACTION

05-123-39054 Windsor LV G-14H DG EXTRACTION

2. Wells added to the revised horizontal offset file now within the 1500' window due to proposed well changes (abandoned locations, undrilled wells or wells with drilling in process) the file as the 1500' area changed.

API # Well Name Well Status

Operator

05-123-41172 DETIENNE FD 10-399HN AL GWOG

05-123-41102 DETIENNE FD 16-059HN AL GWOG

05-123-42806 BOWER FD 11-319HN XX GWOG

05-123-42754 BOWER FD 11-322HC XX GWOG

05-123-42808 BOWER FD 11-322HN XX GWOG

05-123-42809 BOWER FD 11-359HN XX GWOG

05-123-42810 BOWER FD 11-362HC XX GWOG

05-123-42807 BOWER FD 11-362HN XX GWOG

05-123-41173 DETIENNE FD 10-319HN XX GWOG

05-123-41176 DETIENNE FD 10-322HC XX GWOG

05-123-41183 DETIENNE FD 10-322HN XX GWOG

05-123-41182 DETIENNE FD 10-359HN XX GWOG

05-123-41175 DETIENNE FD 10-362HC XX GWOG

05-123-41178 DETIENNE FD 10-362HN XX GWOG

05-123-41094 DETIENNE FD 16-019HN XX GWOG

05-123-41101 DETIENNE FD 16-022HN XX GWOG

05-123-40426 BRENIMAN 1 XX EXTRACTION

05-123-40424 BRENIMAN 2 XX EXTRACTION

05-123-43419 WINDER SOUTH 10 DG EXTRACTION

05-123-43548 WINDER SOUTH 11 DG EXTRACTION

05-123-43549 WINDER SOUTH 12 DG EXTRACTION

05-123-43405 WINDER SOUTH 8 DG EXTRACTION

05-123-43406 WINDER SOUTH 9 DG EXTRACTION

3. There are no COA's recommended, but only best practices for the producing wells of having either a 5K wellhead in place or a retrievable plug placed above the production perforations along with the operators discretion of either monitoring the producing well or shutting it in during the offsetting stimulations.

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
Surface String	13	1		2	9	5		8	36	0	1502	625	1502	0
First String	8	1		2	5	1		2	17	0	15027	1870	15027	0

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:

The Simpson FD 16-379HC is the closest well that is part of this spacing order. In 3D it is 173' away. The nearest well in the same formation and owned by another operator is the RBF #14-15D (API # 05-123-32061). The measurement listed was taken in 3D. This well along with the RBF #24-15D (API # 05-123-32060) are both within 150'. Great Western will not stimulate within 150 feet of an existing wellbore's treated interval belonging to another operator.

The nearest building unit is 561' away. The nearest high occupancy building unit is 3282' away. The nearest designated outside activity area is over a mile away (5280').

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

Signed: _____ Print Name: Callie Fiddes
Title: Regulatory Specialist Email: cfiddes@gwogco.com Date: 3/27/2017

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

COGCC Approved: GARRISON, PENNY Date: 3/28/2017

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

	This Sundry Notice Form 4 authorizes changes the drilling/casing/cementing program as shown on the Drilling Permit Form 2 and must be visibly posted with the permit during drilling.
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General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Permit	Permitting Review Complete.	03/28/2017
Permit	Returned to Draft per operator's request.	03/23/2017

Total: 2 comment(s)

Attachment Check List

<u>Att Doc Num</u>	<u>Name</u>
401201509	SUNDRY NOTICE APPROVED-LOC-OBJ-DRLG-CSG
401201548	DEVIATED DRILLING PLAN
401201550	WELL LOCATION PLAT
401201553	DIRECTIONAL DATA
401244240	OFFSET WELL EVALUATION
401245084	FORM 4 SUBMITTED

Total Attach: 6 Files