

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

1120 Lincoln Street, Suite 801, Denver, Colorado 80203
Phone: (303) 894-2100 Fax: (303) 894-2109



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|--------------------------------------|----|----|----|
| DE | ET | OE | ES |
| Document Number: 401712802 | | | |
| Date Received: 07/25/2018 | | | |

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 Geoff Lee
 Name of Operator: GREAT WESTERN OPERATING COMPANY LLC Phone: (720) 5952155
 Address: 1001 17TH STREET #2000 Fax: ()
 City: DENVER State: CO Zip: 80202 Email: glee@gwogco.com

Complete the Attachment
Checklist

OP OGCC

API Number : 05- 123 47357 00 OGCC Facility ID Number: 456096
 Well/Facility Name: Rael Well/Facility Number: 34-4-6HNC
 Location QtrQtr: SWSW Section: 27 Township: 1N Range: 66W Meridian: 6
 County: WELD Field Name: WATTENBERG
 Federal, Indian or State Lease Number: _____

| | | |
|---------------------|--|--|
| 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 40.015838 PDOP Reading 1.2 Date of Measurement 05/10/2018
 Longitude -104.771049 GPS Instrument Operator's Name Matthew Miller

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 <u>SWSW</u> | Sec <u>27</u> | Twp <u>1N</u> | Range <u>66W</u> | Meridian <u>6</u> |
| New Surface Location To | QtrQtr <u>SWSW</u> | Sec <u>27</u> | Twp <u>1N</u> | Range <u>66W</u> | Meridian <u>6</u> |

| | | |
|---|-----------------------|-----------------------|
| Change of Top of Productive Zone Footage From Exterior Section Lines: | <u>395</u> <u>FSL</u> | <u>372</u> <u>FWL</u> |
| Change of Top of Productive Zone Footage To Exterior Section Lines: | <u>320</u> <u>FSL</u> | <u>463</u> <u>FWL</u> |

| | | | |
|--|---------------|---------------|------------------|
| Current Top of Productive Zone Location From | Sec <u>34</u> | Twp <u>1N</u> | Range <u>66W</u> |
| New Top of Productive Zone Location To | Sec <u>34</u> | Twp <u>1N</u> | Range <u>66W</u> |

| | | |
|---|-----------------------|--------------------------|
| Change of Bottomhole Footage From Exterior Section Lines: | <u>820</u> <u>FNL</u> | <u>460</u> <u>FWL</u> |
| Change of Bottomhole Footage To Exterior Section Lines: | <u>800</u> <u>FNL</u> | <u>460</u> <u>FWL</u> ** |

| | | | | |
|------------------------------------|---------------|---------------|------------------|----------------------------------|
| Current Bottomhole Location | Sec <u>34</u> | Twp <u>1N</u> | Range <u>66W</u> | ** attach deviated drilling plan |
| New Bottomhole Location | Sec <u>34</u> | Twp <u>1N</u> | Range <u>66W</u> | |

Is location in High Density Area? No

Distance, in feet, to nearest building 685, public road: 306, above ground utility: 292, railroad: 5280,
 property line: 320, lease line: 0, well in same formation: 240

Ground Elevation 5116 feet Surface owner consultation date 04/21/2014

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 08/03/2018

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:

Changing the SHL, Entry Point, and BHL less than 1 QQ.

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 | 1500 | 624 | 1500 | 0 |
| First String | 8 | 1 | | 2 | 5 | 1 | | 2 | 17 | 0 | 12464 | 1257 | 12464 | |

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:

| <u>Best Management Practices</u> | | |
|---|----------------------------|---------------------------|
| <u>No</u> | <u>BMP/COA Type</u> | <u>Description</u> |
| | | |

Operator Comments:

This well has a bottom hole location beyond the unit boundary setback. The bottom of the completed interval will be within the unit boundary setback at 800' FNL and 470' FEL of Section 34. The wellbore beyond the unit boundary setback will be physically isolated and will not be completed.

Changing well name, SHL, entry point and BHL.

SHL Change: 118'

EP Change: 20'

BHL Change: 102'

Distance from completed portion of the wellbore to nearest wellbore permitted or completed in the same formation was measured to the proposed Rael KE 34-042HNX. this distance is measured in 3D

No change occurred to the 1500' Offset well evaluation buffer so no new Offset well evaluations are needed.

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

Signed: _____ Print Name: Geoff Lee
Title: Regulatory Analyst Email: regulatorypermitting@gwogco.com Date: 7/25/2018

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

COGCC Approved: McCoy, Diane Date: 7/30/2018

CONDITIONS OF APPROVAL, IF ANY:

COA Type

Description

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

General Comments

User Group

Comment

Comment Date

| | | |
|--|--|---------------------|
| | | Stamp Upon Approval |
|--|--|---------------------|

Total: 0 comment(s)

Attachment Check List

Att Doc Num

Name

| | |
|-----------|--|
| 401712802 | SUNDRY NOTICE APPROVED-LOC-NAME-DRLG-CSG |
| 401712978 | DIRECTIONAL DATA |
| 401712980 | DEVIATED DRILLING PLAN |
| 401712984 | WELL LOCATION PLAT |
| 401718904 | FORM 4 SUBMITTED |

Total Attach: 5 Files