

State of Colorado
Oil and Gas Conservation Commission

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



DE	ET	OE	ES
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Date Received: 10/24/2019			

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 DeAnna Baird
 Name of Operator: GREAT WESTERN OPERATING COMPANY LLC Phone: (720) 595-2151
 Address: 1001 17TH STREET #2000 Fax: ()
 City: DENVER State: CO Zip: 80202 Email: dbaird@gwogco.com

Complete the Attachment
Checklist

OP OGCC

API Number : 05- 001 10446 00 OGCC Facility ID Number: 463476
 Well/Facility Name: Tollway LC Well/Facility Number: 24-379HC
 Location QtrQtr: NWSW Section: 7 Township: 1S Range: 67W Meridian: 6
 County: ADAMS 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 _____ 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 7

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 13

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 1S

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>2007</u>	<u>FSL</u>	<u>516</u>	<u>FWL</u>
_____	_____	_____	_____
Twp <u>1S</u>	Range <u>67W</u>	Meridian <u>6</u>	
Twp _____	Range _____	Meridian _____	
<u>460</u>	<u>FNL</u>	<u>526</u>	<u>FWL</u>
_____	_____	_____	_____
Twp <u>1S</u>	Range <u>68W</u>		
Twp _____	Range _____		
<u>370</u>	<u>FSL</u>	<u>521</u>	<u>FWL</u>
_____	_____	_____	_____
Twp _____	Range <u>68W</u>		
Twp _____	Range _____		

**

**

** attach deviated drilling plan

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 _____

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 type="checkbox"/> Other _____	<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

No BMP/COA Type

Description

|--|--|--|

Operator Comments:

Please remove three COA's for the following wells for the reasons indicated below.

Horst 1 (05-001-06890) - the distance from this well to the Tollway LC 24-379HC is 4177'.

Lauridson-Sac 2 (05-001-06893) - the distance from this well to the Tollway LC 24-379HC is 5460'.

Horst 2 (05-001-07061) - the distance from this well to the Tollway LC 24-379HC is 2865'. Even though this well is outside of the required 1500', GWOG will cut the frac volumes in the middle mile of the Tollway LC 24-379HC wellbore to approximately one-half of GWOG's standard frac design. Frac azimuth in this area is believed to be generally NE-SW.

The other two wells that are outside of the 1500', North Colorado Blvd 1 (05-001-07005) at 4190' and Carlson 12-18 (05-001-09709) at 5440' have already been satisfactorily plugged and abandoned which satisfies the COA's regardless of their distance.

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

Signed: _____ Print Name: DeAnna Baird
Title: Sr Drilling Technologist Email: dbaird@gwogco.com Date: 10/24/2019

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

COGCC Approved: Jacobson, Eric Date: 10/31/2019

CONDITIONS OF APPROVAL, IF ANY:

<u>COA Type</u>	<u>Description</u>

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Engineer	Coa's removed for this single well on the pad: Tollway LC 24-379HC 001-10446. All wells are greater than 1500' from this drilled well.	10/31/2019
Engineer	Emailed operator for development plan on this pad and clarification on North Colorado Blvd 1, not plugged yet according to COGCC records.	10/29/2019
Permit	A new task has been created for COGCC Engineering to review this form.	10/29/2019
Permit	Added permitting task.	10/25/2019

Total: 4 comment(s)

Attachment Check List

<u>Att Doc Num</u>	<u>Name</u>
402219922	SUNDRY NOTICE APPROVED
402227982	FORM 4 SUBMITTED

Total Attach: 2 Files