

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

1120 Lincoln Street, Suite 801, Denver, Colorado 80203  
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DE	ET	OE	ES
Document Number: <b>402134827</b>			
Date Received: <b>08/05/2019</b>			

**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: 100321 Contact Name Mark Arnold  
Name of Operator: ROCKY MTN NATURAL GAS LLC ADBA BLACK HILLS ENERGY Phone: (720) 8996569  
Address: 1515 WYNKOOP STREET #500 Fax: ( )  
City: DENVER State: CO Zip: 80202 Email: Mark.Arnold@blackhillscorp.com

Complete the Attachment  
Checklist

OP OGCC

API Number : 05- 097 06017 00 OGCC Facility ID Number: 465890  
Well/Facility Name: Wolf Creek Well/Facility Number: 9-D3  
Location QtrQtr: NESW Section: 36 Township: 8S Range: 90W Meridian: 6  
County: PITKIN Field Name: WOLF CREEK  
Federal, Indian or State Lease Number: COC0007498

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 NESW 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 36

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 8S

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	
1654	FSL	957	FWL
Twp 8S	Range 90W	Meridian 6	
Twp	Range	Meridian	
747	FSL	2508	FWL
Twp 8S	Range 90W		
Twp	Range		
747	FSL	2508	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 WOLF CREEK Number 9-D3 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 08/19/2019

☐ 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:

Rocky Mountain Natural Gas has modified the proposed production cement plan.

The cement program is now proposed as:

Lead Slurry: 100'-4608', ASTM Type III cmt + .25 lbs/sk IntegraSeal Fiber + IntegraSeal Pheno 3.0 lbs/sk + Sodium Metasilicate A-2, 0.30 BWOB + Deformer FP-25 0.30 BWOB + FL-66 0.70 BWOB + Cement Extender, Gypsum A-10 2.0 BWOB, 12.5 ppg, yield 2.1341 cf/sk, 310 sx

Tail Slurry: 4608'-5608', Class G cmt 50% + Pozzolan 50% + IntegraSeal Pheno 1.0 lbs/sk + bonding agent BA-90 3.0 lbs/sk + Deformer FP-25 0.30 BWOB + FL-66 0.40 BWOB + Cmt Extender, Gypsum A-10 3.0 BWOB + Sodium Metasilicate A-2, 0.50 BWOB, 13.5 ppg, yield 1.5043 cf/sk, 120 sx

The cement calculation sheet and cement lab reports are attached.

#### 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

Signed: \_\_\_\_\_ Print Name: Jessica Donahue  
Title: Regulatory Supervisor Email: Jessicadonahue@summiteng.net Date: 8/5/2019

COGCC Approved: BURGER, CRAIG Date: 8/15/2019

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

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Engineer	Changed names of attached cement calculation to other. Cement job summary is intended for report of placing cement in the well.	08/15/201

## Attachment Check List

<u>Att Doc Num</u>	<u>Name</u>
402134827	SUNDRY NOTICE APPROVED-DRLG
402134828	OTHER
402134829	OTHER
402134830	OTHER
402146593	FORM 4 SUBMITTED
Total Attach: 5 Files	