

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
Document Number: 402801434			
Date Received: 09/13/2021			

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: 10633 Contact Name Kathy Denzer
 Name of Operator: CRESTONE PEAK RESOURCES OPERATING LLC Phone: (720) 410-8519
 Address: 1801 CALIFORNIA STREET #2500 Fax: ()
 City: DENVER State: CO Zip: 80202 Email: RegulatoryState@crestonepr.com

Complete the Attachment
Checklist

OP OGCC

API Number : 05- 123 50743 00 OGCC Facility ID Number: 470993
 Well/Facility Name: Warner Well/Facility Number: 2F-10H-E165
 Location QtrQtr: SWNW Section: 10 Township: 1N Range: 65W 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 40.067252 GPS Quality Value: 2.3 Type of GPS Quality Value: PDOP Measurement Date: 02/17/2020
 Longitude -104.658320

LOCATION CHANGE (all measurements in Feet)

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

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

FNL/FSL		FEL/FWL	
<u>2202</u>	<u>FNL</u>	<u>353</u>	<u>FWL</u>
<u>2203</u>	<u>FNL</u>	<u>333</u>	<u>FWL</u>

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

Current Surface Location From	QtrQtr <u>SWNW</u>	Sec <u>10</u>	Twp <u>1N</u>	Range <u>65W</u>	Meridian <u>6</u>
New Surface Location To	QtrQtr <u>SWNW</u>	Sec <u>10</u>	Twp <u>1N</u>	Range <u>65W</u>	Meridian <u>6</u>

Change of **Top of Productive Zone** Footage **From** Exterior Section Lines:

<u>2180</u>	<u>FNL</u>	<u>1540</u>	<u>FWL</u>
<u>2180</u>	<u>FNL</u>	<u>1600</u>	<u>FWL</u>

Change of **Top of Productive Zone** Footage **To** Exterior Section Lines:

Current Top of Productive Zone Location From	Sec <u>10</u>	Twp <u>1N</u>	Range <u>65W</u>
New Top of Productive Zone Location To	Sec <u>10</u>	Twp <u>1N</u>	Range <u>65W</u>

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

<u>460</u>	<u>FNL</u>	<u>1540</u>	<u>FWL</u>
<u>460</u>	<u>FNL</u>	<u>1600</u>	<u>FWL</u>

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

Current Bottomhole Location	Sec <u>3</u>	Twp <u>1N</u>	Range <u>65W</u>
New Bottomhole Location	Sec <u>3</u>	Twp <u>1N</u>	Range <u>65W</u>

** attach deviated drilling plan

Is location in High Density Area? No

Distance, in feet, to nearest building 503, public road: 325, above ground utility: 321, railroad: 2201,
 property line: 333, lease line: 0, well in same formation: 400

Ground Elevation 4971 feet Surface owner consultation date 08/15/2018

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 02/01/2022

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"/> Bradenhead Plan | <input type="checkbox"/> Status Update/Change of Remediation Plans for Spills and Releases | |
| <input type="checkbox"/> Other _____ | | |

COMMENTS:

The surface hole, top of production zone an bottom hole have slightly moved, resulting in a minor change to the MD and casing and cement plan.

CASING PROGRAM

<u>Casing Type</u>	<u>Size of Hole</u>	<u>Size of Casing</u>	<u>Grade</u>	<u>Wt/Ft</u>	<u>Csg/Liner Top</u>	<u>Setting Depth</u>	<u>Sacks Cmt</u>	<u>Cmt Btm</u>	<u>Cmt Top</u>
CONDUCTOR	26	16	A53B	42.09	0	104	119	104	0
SURF	13+1/2	9+5/8	J55	40	0	2494	1286	2494	0
1ST	8+1/2	5+1/2	P110	20	0	14740	1969	14740	

POTENTIAL FLOW AND CONFINING FORMATIONS

<u>Zone Type</u>	<u>Formation /Hazard</u>	<u>Top M.D.</u>	<u>Top T.V.D.</u>	<u>Bottom M.D.</u>	<u>Bottom T.V.D.</u>	<u>TDS (mg/L)</u>	<u>Data Source</u>	<u>Comment</u>
Groundwater	Denver	0	0	296	296	1001-10000	Groundwater Atlas	USGS HA-650 (Robson & Romero, 1981)
Groundwater	Laramie	296	296	575	574	501-1000	Groundwater Atlas	USGS HA-650 (Robson & Romero, 1981)
Groundwater	Fox Hills	575	574	921	914	501-1000	Groundwater Atlas	USGS HA-650 (Robson & Romero, 1981)
Confining Layer	Pierre Formation	921	914	1141	1127			
Groundwater	Upper Pierre Aquifer	1141	1127	1961	1928	0-500	Electric Log Calculation	Olin 1 (05-123-09418)
Confining Layer	Pierre Shale	1961	1928	4126	4044			
Hydrocarbon	Larimer	4126	4044	4471	4382			
Hydrocarbon	Sussex	4471	4382	5063	4957			
Hydrocarbon	Shannon	5063	4957	7117	6928			
Confining Layer	Sharon Springs	7117	6928	7173	6954			
Hydrocarbon	Niobrara	7173	6954	7722	7160			

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:

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Best Management Practices

No BMP/COA Type

Description

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Operator Comments:

Distance from completed portion of the wellbore to nearest wellbore permitted or completed well in the same formation and within the unit was measured to the proposed Warner 2C-10H-E65 measured in 2-D.

Changes to the original approved Form 2 are: Well Name, Surface Hole, top of productive zone, bottom hole location, total depth, casing and cement program.

This well was originally permitted and approved under GWA spacing. Per COGCC direction, since the horizontal wellbore is remaining within the original Wellbore Spacing Unit, a Sundry Form 4 was used to capture the changes.

This location has been built.

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

Signed: _____ Print Name: Andrea Gross
Title: Permit Agent Email: agross@upstreampm.com Date: 9/13/2021

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

COGCC Approved: NOTO, JOHN Date: 10/6/2021

CONDITIONS OF APPROVAL, IF ANY:

Condition of Approval

COA Type

Description

	1) Submit Form 42 electronically to COGCC 2 business days prior to MIRU (spud notice) for the first well activity with a rig on the pad and provide 2 business day spud notice via Form 42 for all subsequent wells drilled on the pad. 2) Comply with Rule 408.j. and provide cement coverage from TD to a minimum of 500' above Niobrara. Verify coverage with a cement bond log.
1 COA	

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
OGLA	OGLA review complete	10/06/2021
Engineer	Emailed operator regarding formation name. Updated table as per operator email.	10/05/2021
Permit	Removed NBRR from the Formation/Spacing tab as the objective formation is not changing for this well. Permitting review complete.	09/15/2021

Total: 3 comment(s)

Attachment List

<u>Att Doc Num</u>	<u>Name</u>
402801434	SUNDRY NOTICE APPROVED-LOC-SFTY-STBK-NAME-DRLG-CSG
402803606	DEVIATED DRILLING PLAN
402803609	WELL LOCATION PLAT
402803610	DIRECTIONAL DATA
402833091	FORM 4 SUBMITTED

Total Attach: 5 Files