

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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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: <u>10633</u>	Contact Name <u>Toby Sachen</u>
Name of Operator: <u>CRESTONE PEAK RESOURCES OPERATING LLC</u>	Phone: <u>(720) 410-8536</u>
Address: <u>1801 CALIFORNIA STREET #2500</u>	Fax: <u>()</u>
City: <u>DENVER</u> State: <u>CO</u> Zip: <u>80202</u>	Email: <u>toby.sachen.contractor@crestonepr.com</u>

Complete the Attachment
Checklist

OP OGCC

API Number : 05- <u>123</u> <u>08857</u> <u>00</u>	OGCC Facility ID Number: <u>241069</u>
Well/Facility Name: <u>HERREN</u>	Well/Facility Number: <u>1</u>
Location QtrQtr: <u>SENE</u> Section: <u>33</u> Township: <u>3N</u> Range: <u>67W</u> Meridian: <u>6</u>	
County: <u>WELD</u> Field Name: <u>WATTENBERG</u>	
Federal, Indian or State Lease Number: <u>67282</u>	

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 SENE Sec 33

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 _____

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 _____ Twp _____

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>1570</u>	<u>FNL</u>	<u>1120</u>	<u>FEL</u>
_____	_____	_____	_____
Twp <u>3N</u>	Range <u>67W</u>	Meridian <u>6</u>	
Twp _____	Range _____	Meridian _____	
_____	_____	_____	_____
_____	_____	_____	_____
Twp _____	Range _____		
Twp _____	Range _____		
_____	_____	_____	_____
_____	_____	_____	_____
			**

** 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 HERREN Number 1 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 09/28/2017

☐ 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 type="checkbox"/> Change Drilling Plan | <input checked="" 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:

Procedure

1. Submit electronic Form 42 to COGGC 48 hours prior to MIRU.
2. Submit form for Ground Disturbance Permit. Get One Call.
3. Notify Automation and Production Department.
4. Hold a pre-job safety meeting. Discuss all aspects of the procedure with any involved personnel. Identify and address any safety concerns before the job begins.
5. Ensure any fluids that will be left in the wellbore are treated with biocide.
6. MIRU workover unit. ND wellhead, NU BOP.
7. Un-land tubing and POOH w/tubing.
8. RU wireline and RIH with CIBP. Set at ~7700' (within 100' above J Sand perms, between collars, avoiding short joints). POOH with wireline.
9. Run CBL to surface. Call Engineer if CBL shows any cement above ~7080'.
10. RIH w/wireline and dump bail 4 sx cement on top of CIBP.
11. RIH w/wireline and tag cement. Record tag. Set CIBP @ ~7250' (within 100' of the top Codell perf, between collars). Pressure test plug to 500 psi. Hold pressure for 15 min. Chart pressure on 1000 psi pressure chart. POOH with wireline.
12. RIH w/wireline and dump bail 4 sx cement on top of CIBP. POOH with wireline.
13. RIH w/wireline and perf squeeze holes at ~7050' (above top of cement, between collars). Perf suicide holes at ~6650'. POOH with wireline.
14. RIH and set CICR @ ~7020 (between collars). Sting into CICR with tubing and establish circulation. Circulate annulus clean.
15. Mix and pump 75 sx 14.6 Migraseal or similar cement to squeeze for Niobrara isolation.
16. Sting out of retainer. POOH 20 jts and reverse circulate to clear tubing. POOH tubing.
17. Run CBL to confirm top of good cement is at least 200' above the top of the Niobrara.
18. RIH w/tubing to ~7010'. Mix and pump 50 sx (10 bbl) G Neat cement to set 600' balanced plug.
19. POOH 50 jts. Reverse circulate to clear tubing. Continue out of hole with tubing.
20. RIH and tag plug. Record top of plug depth. Set CIBP @ ~5150' (between collars, per new CCL). POOH.
21. RIH w/wireline and shoot squeeze holes @ ~5140' (between collars per new CBL, 200'+ below Shannon base). POOH w/wireline.
22. RIH and set CICR @ ~5110'.
23. PU stinger and RIH with tubing. Establish circulation through CICR. (If circulation cannot be established, shoot suicide holes 200' + above the top of the Sussex). Circulate annulus clean.
24. Mix and pump 205 sx (50 bbl) of 14.6 ppg Migraseal (or similar) cement.
25. Run CBL to confirm good cement is at least 200' above the top of the Sussex. Contact Production Engineer if cement is not adequate.
26. RIH with tubing and set 100 sx balanced plug on top of CICR.
27. ND BOP, NU 5k wellhead, to include 5K tubing head, 5K master valve, 5K production casing valves, and 5K nipples.
28. Ensure all pressure charts, CBLs, cement and wireline tickets are emailed to the Denver office for subsequent reporting. Emails shall be sent to Production Engineer, Workover Coordinator, and Production Technician.
29. Notify Regulatory when work is completed for submission of required forms to the COGCC. Notify Anadarko that mitigation work on this well has been completed for their offset Whiston Pad frac.

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

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Operator Comments:

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

Signed: _____ Print Name: Toby Sachen
Title: Contractor Email: toby.sachen.contractor@crestonepr.com Date: 9/15/2017

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

COGCC Approved: BURN, DIANA Date: 9/28/2017

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

	If not Bradenhead sample has been taken within 6 months, a sample should be taken prior to beginning the remediation.
	Please provide 48 notice of workover with a Form 42, Start of Plugging Operations.
	If there is not an intention to return this well to production, the details of this workover should be reported on a Subsequent Report of Abandonment, Form 6. The SROA can be submitted once the well plugging is completed. If the well is to be returned to production, a Drilling Completion Report, Form 5 should be submitted once the well is drilled out to be returned to production.
	During any offset stimulation activity within 1500' of this wellbore, the Bradenhead should be open and actively monitored.

General Comments**User Group****Comment****Comment Date**

		Stamp Upon Approval
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Total: 0 comment(s)

Attachment Check List**Att Doc Num****Name**

401404632	SUNDRY NOTICE APPROVED-REPAIR
401404646	OPERATIONS SUMMARY
401404647	WELLBORE DIAGRAM
401415305	FORM 4 SUBMITTED

Total Attach: 4 Files