

**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: <b>02/10/2017</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: 10633 Contact Name Chris McRickard  
 Name of Operator: CRESTONE PEAK RESOURCES OPERATING LLC Phone: (720) 410-8487  
 Address: 370 17TH STREET #2170 Fax: ( )  
 City: DENVER State: CO Zip: 80202 Email: chris.mcrickard@crestonepr.com

Complete the Attachment  
Checklist

OP OGCC

API Number : 05- 123 09528 00 OGCC Facility ID Number: 241739  
 Well/Facility Name: WOOLLEY B Well/Facility Number: 1-8  
 Location QtrQtr: NWSW Section: 8 Township: 1N Range: 68W 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 \_\_\_\_\_ 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 8

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>1650</u>	<u>FSL</u>	<u>990</u>	<u>FWL</u>
_____	_____	_____	_____
Twp <u>1N</u>	Range <u>68W</u>	Meridian <u>6</u>	
Twp _____	Range _____	Meridian _____	
_____	_____	_____	_____
_____	_____	_____	_____
Twp _____	Range _____		
Twp _____	Range _____		
_____	_____	_____	_____
_____	_____	_____	_____
Range _____			
Range _____			

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\*\* 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 WOOLLEY B Number 1-8 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 02/17/2017

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:**

Annular fill for offset frac

**Remediation Procedure**

1. Submit form for Ground Disturbance Permit & submit One-Call if necessary.
  2. Notify Automation and Production Department.
  3. Perform Form 17 Bradenhead Test per COGCC COA (see above). If the beginning pressure is greater than 25 psi, or if pressure remains at the conclusion of the test, or if any liquids were present contact COGCC Engineer for sampling requirements. All gas and liquids seen during the test need to be sampled and analyzed per Crestone standards.
  4. RU Slick line, run gauge ring, and pull plunger and bumper spring.
  5. 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.
  6. MIRU pulling unit.
  7. Kill well with produced water.
  8. ND wellhead, NU BOP.
  9. Un-land & POOH with tubing.
  10. RIH with tubing and set CIBP #1 @ 8225' (36' above top J Sand perforation). Dump 4 sxs Class G neat cement (~25 ft) on CIBP.
  11. PU 4 joints, reverse circulate to clean tubing and POOH.
  12. RIH with wireline and set CIBP #2 @ 7675. Dump 4 sxs Class G neat cement (~50 ft) on CIBP.
  13. RIH with wireline to run conventional CBL from 7400' to surface. Send CBL to production engineer (matthew.cook@crestonepr.com) to confirm no changes need to be made to procedure.
  14. RIH and shoot squeeze holes @ 7600' & 4350'.
  15. RIH with wireline and set CICR #1 @ 7590'.
  16. RIH with tubing, sting into CICR and establish circulation to condition hole then spot 690 sxs (~145 bbls) Class G neat cement through perforations.  
NOTE: Up to 300 additional sxs and/or additional suicide perfs may have to be placed to mitigate losses through the Shannon/Sussex.
  17. Sting out of CICR, circulate to clean tubing and casing.  
NOTE: Do not reverse circulate to avoid un-necessary pressure on squeeze perforations.
  18. POOH and laydown stinger.
  19. Wait on cement to set overnight.
  20. Pressure test squeeze holes to 500 psi to ensure cement integrity.
- Woolley B 1-8\_Remediation Procedure 4
- Annular Fill
21. Un-land 4-1/2" production casing.
  22. NU annular fill wellhead and RIH down 4-1/2" by 8-5/8" annulus with 1-1/4" tubing to 1800'.
  23. Establish circulation and continues circulation for a minimum of 4 hours to ensure hole is clean and good bond can be achieved.
  24. Pump 64 sxs (~14 bbls) of Class G Neat cement from ~1,800' to 1,500'.
  25. PU tubing to 1,500'. Establish circulation and pump 64 sxs (~14 bbls) of class G neat cement from ~1,500' to 1,200'.
  26. PU tubing to 1,200'. Establish circulation and pump 64 sxs (~14 bbls) of class G neat cement from ~1,200' to 900'.
  27. PU tubing to 900'. Establish circulation and pump 252 sxs (~52 bbls) of class G neat cement from ~900' until returns are seen at surface.
  28. POOH and lay down 1-1/4" tubing. ND annular fill wellhead.
  29. Re-land 4-1/2" casing and ensure hole is full.
  30. RU E-line and run conventional CBL from 7575' (or close to CICR) to surface. Send CBL to and contact production engineer (matthew.cook@crestonepr.com) after CBL to confirm adequate cement coverage.
  31. RD E-line.
  32. ND BOP, NU 5K wellhead.
  33. RDMO pulling unit.
  34. Ensure all cement tickets are emailed to the Denver office for subsequent reporting. Emails shall be sent to Production Engineer, Workover Coordinator, and Production Technician.
  35. Submit Form 5 Drilling Completion report documenting all placed cement. Include CBL with this form.

**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:

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

**Operator Comments:**

Annular fill for offset frac

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

Signed: \_\_\_\_\_ Print Name: Chris McRickard  
Title: Regulatory Analyst Email: chris.mcrickard@crestonepr.com Date: 2/10/2017

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

COGCC Approved: McCoy, Diane Date: 2/13/2017

**CONDITIONS OF APPROVAL, IF ANY:**

**COA Type**

**Description**

	<p>1) Prior to starting repair work a bradenhead test shall be performed. If the beginning pressure is greater than 25 psi, or if pressure remains at the conclusion of the test, or if any liquids were present contact COGCC Engineer for sampling requirements before pumping any cement. The Form 17 shall be submitted within 10 days of the test.</p> <p>2) The additional cement referenced shall be placed as indicated. The placed cement shall be verified with a CBL and documented with a Form 5.</p>
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**General Comments**

**User Group**

**Comment**

**Comment Date**

Engineer	<p>Well needs remedial cement for 200' above Niobrara top and 200' above Sussex to 200' below Shannon.</p> <p>If plugs above perms are left in place submit Form 5A to document TA status.</p>	02/13/2017
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Total: 1 comment(s)

**Attachment Check List**

**Att Doc Num**

**Name**

401208040	SUNDRY NOTICE APPROVED-REPAIR
401208049	OPERATIONS SUMMARY
401208050	WELLBORE DIAGRAM
401208051	WELLBORE DIAGRAM
401208275	FORM 4 SUBMITTED

Total Attach: 5 Files