

**WELL ABANDONMENT REPORT**

This form is to be submitted as an Intent to Abandon whenever an abandonment is planned on a borehole. After the abandonment is complete, this form shall again be submitted as a Subsequent Report of the actual work completed. The approved intent shall be valid for six months after the approval date, after that period, a new intent will be required. Attachments required with the Intent to Abandon are wellbore diagrams of the current configuration and the proposed configuration with plugs set.  
 A Subsequent Report of Abandonment shall indicate the actual work completed. Attachments required with a Subsequent Report are a wellbore diagram showing plugs that were set and casing remaining in the hole, the job summaries from all plugging contractors used, including wireline and cementing (third party verification) and any logs that may have been run during abandonment.

Document Number:  
401887038

Date Received:  
12/27/2018

OGCC Operator Number: 10071 Contact Name: Rachel Milne

Name of Operator: HIGHPOINT OPERATING CORPORATION Phone: (303) 3128115

Address: 1099 18TH ST STE 2300 Fax: \_\_\_\_\_

City: DENVER State: CO Zip: 80202 Email: rmilne@hpres.com

**For "Intent" 24 hour notice required,** Name: Evins, Bret Tel: (970) 420-6699

**COGCC contact:** Email: bret.evins@state.co.us

API Number 05-123-07135-00

Well Name: NAUTA Well Number: 1

Location: QtrQtr: NWNW Section: 21 Township: 11N Range: 63W Meridian: 6

County: WELD Federal, Indian or State Lease Number: \_\_\_\_\_

Field Name: WILDCAT Field Number: 99999

Notice of Intent to Abandon       Subsequent Report of Abandonment

*Only Complete the Following Background Information for Intent to Abandon*

Latitude: 40.913272 Longitude: -104.445048

GPS Data:  
Date of Measurement: 12/17/2018 PDOP Reading: 1.3 GPS Instrument Operator's Name: Greg Weimer

Reason for Abandonment:  Dry     Production Sub-economic     Mechanical Problems

Other re-enter/re-plug

Casing to be pulled:  Yes     No    Estimated Depth: \_\_\_\_\_

Fish in Hole:  Yes     No    If yes, explain details below

Wellbore has Uncemented Casing leaks:  Yes     No    If yes, explain details below

Details: \_\_\_\_\_

**Current and Previously Abandoned Zones**

Formation	Perf. Top	Perf. Btm	Abandoned Date	Method of Isolation	Plug Depth

Total: 0 zone(s)

**Casing History**

Casing Type	Size of Hole	Size of Casing	Weight Per Foot	Setting Depth	Sacks Cement	Cement Bot	Cement Top	Status
SURF	12+1/4	8+5/8	24	178	145			
OPEN HOLE	7+7/8			8,263				

## Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth \_\_\_\_\_ with \_\_\_\_\_ sacks cmt on top. CIBP #2: Depth \_\_\_\_\_ with \_\_\_\_\_ sacks cmt on top.  
CIBP #3: Depth \_\_\_\_\_ with \_\_\_\_\_ sacks cmt on top. CIBP #4: Depth \_\_\_\_\_ with \_\_\_\_\_ sacks cmt on top.  
CIBP #5: Depth \_\_\_\_\_ with \_\_\_\_\_ sacks cmt on top.

NOTE: Two(2) sacks cement required on all CIBPs.

Set 40 sks cmt from 7100 ft. to 2200 ft. Plug Type: OPEN HOLE Plug Tagged:   
Set 40 sks cmt from 1500 ft. to 1400 ft. Plug Type: OPEN HOLE Plug Tagged:   
Set \_\_\_\_\_ sks cmt from \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Plug Type: \_\_\_\_\_ Plug Tagged:   
Set \_\_\_\_\_ sks cmt from \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Plug Type: \_\_\_\_\_ Plug Tagged:   
Set \_\_\_\_\_ sks cmt from \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Plug Type: \_\_\_\_\_ Plug Tagged:   
Perforate and squeeze at \_\_\_\_\_ ft. with \_\_\_\_\_ sacks. Leave at least 100 ft. in casing \_\_\_\_\_ CICR Depth  
Perforate and squeeze at \_\_\_\_\_ ft. with \_\_\_\_\_ sacks. Leave at least 100 ft. in casing \_\_\_\_\_ CICR Depth  
Perforate and squeeze at \_\_\_\_\_ ft. with \_\_\_\_\_ sacks. Leave at least 100 ft. in casing \_\_\_\_\_ CICR Depth  
(Cast Iron Cement Retainer Depth)  
Set 80 sacks half in. half out surface casing from 228 ft. to 0 ft. Plug Tagged:   
Set \_\_\_\_\_ sacks at surface  
Cut four feet below ground level, weld on plate Above Ground Dry-Hole Marker:  Yes  No  
Set \_\_\_\_\_ sacks in rat hole Set \_\_\_\_\_ sacks in mouse hole

### Additional Plugging Information for Subsequent Report Only

Casing Recovered: \_\_\_\_\_ ft. \_\_\_\_\_ inch casing Plugging Date: \_\_\_\_\_  
of \_\_\_\_\_  
\*Wireline Contractor: \_\_\_\_\_ \*Cementing Contractor: \_\_\_\_\_  
Type of Cement and Additives Used: \_\_\_\_\_  
Flowline/Pipeline has been abandoned per Rule 1105  Yes  No \*ATTACH JOB SUMMARY

Technical Detail/Comments:

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

Signed: \_\_\_\_\_ Print Name: Rachel Milne  
Title: Regulatory Analyst Date: 12/27/2018 Email: rmilne@hpres.com

Based on the information provided herein, this Well Abandonment Report (Form 6) complies with COGCC Rules and applicable orders and is hereby approved.

COGCC Approved: SUTPHIN, DIRK Date: 1/24/2019

**CONDITIONS OF APPROVAL, IF ANY:** \_\_\_\_\_

Expiration Date: 7/23/2019

<u>COA Type</u>	<u>Description</u>
	<p>Plugging:            1) Provide 48 hour notice of MIRU via electronic Form 42.            2) Note addition of Niobrara plug. See Comments.            3) Tag Fox Hills plug (1500'-1400').</p> <p>Venting during plugging:            Operator shall implement measures to control venting, to protect health and safety, and to ensure that vapors and odors from well plugging operations do not constitute a nuisance or hazard to public welfare.</p>

### Attachment Check List

<u>Att Doc Num</u>	<u>Name</u>
401887038	FORM 6 INTENT SUBMITTED
401887084	PROPOSED PLUGGING PROCEDURE
401887087	WELLBORE DIAGRAM
401887108	LOCATION PHOTO
401887113	SURFACE AGRMT/SURETY

Total Attach: 5 Files

### General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Engineer	<p>Plugging:            Added Niobrara plug (7100'-2200'). The plug should be placed between 7100' and 4700' (between Niobrara and Hygiene/Shannon) if possible. If not possible then set plug between 3400' and 2200' (between the Sussex and Upper Pierre sandy interval). Depths based on offset 123-13076, Ayars #13-14.</p> <p>Casing:            Added size and depth of Open Hole from base of surface casing to TD 8263'. Assumed 7.875" per APD.</p> <p>Background:            Casing to be pulled was checked "No" but Estimated Depth was filled in as 8263'. Erased it.</p>	01/24/2019
Well File Verification	Pass	01/03/2019
Permit	Verified attachments	12/27/2018

Total: 3 comment(s)