

FORM
6Rev
05/18State 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

Replug By Other Operator

Document Number:

401887038

Date Received:

12/27/2018

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.

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-plugCasing 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. CIPB #2: Depth _____ with _____ sacks cmt on top.
CIBP #3: Depth _____ with _____ sacks cmt on top. CIPB #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:</p> <p>1) Provide 48 hour notice of MIRU via electronic Form 42.</p> <p>2) Note addition of Niobrara plug. See Comments.</p> <p>3) Tag Fox Hills plug (1500'-1400').</p> <p>Venting during plugging:</p> <p>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:</p> <p>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:</p> <p>Added size and depth of Open Hole from base of surface casing to TD 8263'. Assumed 7.875" per APD.</p> <p>Background:</p> <p>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)