

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:

401939387

Date Received:

02/26/2019

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: 10177

Contact Name: Chip Eklund

Name of Operator: ENERPLUS RESOURCES (USA) CORPORATION

Phone: (720) 2795554

Address: 950 17TH STREET #2200

Fax:

City: DENVER State: CO Zip: 80202

Email: ceklund@enerplus.com

For "Intent" 24 hour notice required,

Name: Evins, Bret

Tel: (970) 420-6699

COGCC contact:

Email: bret.evins@state.co.us

API Number 05-123-05472-00

Well Name: COLORADO STATE

Well Number: 3

Location: QtrQtr: SENE Section: 36 Township: 8N Range: 67W Meridian: 6

County: WELD

Federal, Indian or State Lease Number: 47

Field Name: BLACK HOLLOW

Field Number: 6835

☒ Notice of Intent to Abandon☐ Subsequent Report of Abandonment

Only Complete the Following Background Information for Intent to Abandon

Latitude: 40.619701

Longitude: -104.834035

GPS Data:

Date of Measurement: PDOP Reading: GPS Instrument Operator's Name:

Reason for Abandonment: ☐ Dry ☐ Production Sub-economic ☐ Mechanical Problems☒ Other Re-Enter and Re-PlugCasing to be pulled: ☐ Yes ☐ No Estimated Depth:Fish in Hole: ☐ Yes ☐ No If yes, explain details belowWellbore 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
LYONS	8963	8985	06/26/1973	RETAINER/SQUEEZED	8900

Total: 1 zone(s)

Casing History

Casing Type	Size of Hole	Size of Casing	Weight Per Foot	Setting Depth	Sacks Cement	Cement Bot	Cement Top	Status
CONDUCTOR	22+0/8	18+0/8	n/a	47		47	0	VISU
SURF	13+5/8	9+5/8	36	329	225	329	0	VISU
1ST	9+1/2	5+1/2	15.5	9,035	300	9,035	7,888	CALC

Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 6800 with 2 sacks cmt on top. CIPB #2: Depth 750 with 2 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 250 sks cmt from 710 ft. to 0 ft. Plug Type: CASING 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: ☐
Set _____ sks cmt from _____ ft. to _____ ft. Plug Type: _____ Plug Tagged: ☐

Perforate and squeeze at 6790 ft. with 25 sacks. Leave at least 100 ft. in casing 6780 CICR Depth

Perforate and squeeze at 720 ft. with 25 sacks. Leave at least 100 ft. in casing 710 CICR Depth

Perforate and squeeze at _____ ft. with _____ sacks. Leave at least 100 ft. in casing _____ CICR Depth

(Cast Iron Cement Retainer Depth)

Set _____ sacks half in. half out surface casing from _____ ft. to _____ 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:

The purpose of the work is to re-enter and adequately re-plug prior to hydraulic stimulation of the Beaufort 8-67-36-25 per DJ Basin Offset Policy dated December 17th 2013.

A closed loop system will be used

Please see the attached procedure for details of the proposed work to re-enter and re-plug the Colorado State #3

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

Signed: _____ Print Name: Chip Eklund

Title: Production Engineer Date: 2/26/2019 Email: ceklund@enerplus.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: JENKINS, STEVE Date: 3/7/2019

CONDITIONS OF APPROVAL, IF ANY: _____

Expiration Date: 9/6/2019

COA Type	Description
	1) Provide 48 hour notice of plugging MIRU via electronic Form 42. 1) Prior to placing the 710' plug: verify that all fluid migration (liquid or gas) has been eliminated. If evidence of fluid migration or pressure remains, contact COGCC Engineer for an update to plugging orders. 2) After isolation has been verified, pump plug and displace. If cement is not circulated to surface, shut-in, WOC 4 hours then tag plug – must be at 279' or shallower and provide 10 sx plug at the surface. 3) Leave at least 100' of cement in the wellbore for each plug.
	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.
	Obtain as-built GPS for subsequent 6.

Attachment Check List

Att Doc Num	Name
401939387	FORM 6 INTENT SUBMITTED
401939429	PROPOSED PLUGGING PROCEDURE
401939430	WELLBORE DIAGRAM
401939431	WELLBORE DIAGRAM
401943405	LOCATION PHOTO
401946520	SURFACE OWNER CONSENT

Total Attach: 6 Files

General Comments

User Group	Comment	Comment Date
Engineer	1) Deepest Water Well within 1 mile = 680'. 2) Fox Hills Bottom- N/A, per SB5.	03/07/2019
Permit	Removed Nio, Codell and Fox Hills from zones tab. Pass.	02/26/2019
Permit	Returned to draft: •Zones tab blank	02/26/2019
Well File Verification	Pass	02/25/2019

Total: 4 comment(s)