


FORM 6 Rev 05/18	State of Colorado Oil and Gas Conservation Commission <small>1120 Lincoln Street, Suite 801, Denver, Colorado 80203 Phone: (303) 894-2100 Fax: (303) 894-2109</small>				DE	ET	OE	ES																																				
	WELL ABANDONMENT REPORT				Replug By Other Operator																																							
	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: 401936813 Date Received: 02/12/2019																																							
<table style="width:100%;"><tr><td colspan="3">OGCC Operator Number: 10177</td><td colspan="3">Contact Name: Chip Eklund</td></tr><tr><td colspan="3">Name of Operator: ENERPLUS RESOURCES (USA) CORPORATION</td><td colspan="3">Phone: (720) 2795554</td></tr><tr><td colspan="3">Address: 950 17TH STREET #2200</td><td colspan="3">Fax:</td></tr><tr><td>City: DENVER</td><td>State: CO</td><td>Zip: 80202</td><td colspan="3">Email: ceklund@enerplus.com</td></tr><tr><td colspan="3">For "Intent" 24 hour notice required, Name: Evins, Bret</td><td colspan="3">Tel: (970) 420-6699</td></tr><tr><td colspan="3">COGCC contact: Email: bret.evins@state.co.us</td><td colspan="3"></td></tr></table>									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					
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<input checked="" type="checkbox"/> Notice of Intent to Abandon <input type="checkbox"/> Subsequent Report of Abandonment																																												
<i>Only Complete the Following Background Information for Intent to Abandon</i>																																												
Latitude: 40.626491		Longitude: -104.923878																																										
GPS Data:																																												
Date of Measurement:		PDOP Reading:		GPS Instrument Operator's Name:																																								
Reason for Abandonment: <input type="checkbox"/> Dry <input type="checkbox"/> Production Sub-economic <input type="checkbox"/> Mechanical Problems																																												
<input checked="" type="checkbox"/> Other Re-Enter to Re-Plug																																												
Casing to be pulled: <input type="checkbox"/> Yes <input type="checkbox"/> No		Estimated Depth:																																										
Fish in Hole: <input type="checkbox"/> Yes <input type="checkbox"/> No		If yes, explain details below																																										
Wellbore has Uncemented Casing leaks: <input type="checkbox"/> Yes <input type="checkbox"/> No		If yes, explain details below																																										
Details:																																												
Current and Previously Abandoned Zones																																												
<table style="width:100%;"><tr><th>Formation</th><th>Perf. Top</th><th>Perf. Btm</th><th>Abandoned Date</th><th>Method of Isolation</th><th>Plug Depth</th></tr><tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr></table>									Formation	Perf. Top	Perf. Btm	Abandoned Date	Method of Isolation	Plug Depth																														
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Total: 0 zone(s)																																												
Casing History																																												
<table style="width:100%;"><tr><th>Casing Type</th><th>Size of Hole</th><th>Size of Casing</th><th>Weight Per Foot</th><th>Setting Depth</th><th>Sacks Cement</th><th>Cement Bot</th><th>Cement Top</th><th>Status</th></tr><tr><td>SURF</td><td>12+1/4</td><td>8+5/8</td><td>24</td><td>415</td><td>330</td><td>415</td><td>0</td><td>VISU</td></tr><tr><td>OPEN HOLE</td><td>7+7/8</td><td> </td><td> </td><td>9,164</td><td> </td><td> </td><td> </td><td> </td></tr></table>									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	415	330	415	0	VISU	OPEN HOLE	7+7/8			9,164													
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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 7688 ft. to 7548 ft. Plug Type: OPEN HOLE Plug Tagged: ☐
Set 40 sks cmt from 6892 ft. to 6752 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 150 sacks half in. half out surface casing from 465 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:

The purpose of this work is the re-enter and adequately re-plug prior to hydraulic stimulation of the Avignon 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 Kenneth Thayer #1

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: 2/12/2019 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: 2/13/2019

CONDITIONS OF APPROVAL, IF ANY: _____ Expiration Date: 8/12/2019

<u>COA Type</u>	<u>Description</u>
	Operator shall obtain as-built GPS and include on form 6 subsequent.
	1) Provide 48 hour notice of plugging MIRU via electronic Form 42. 2) Prior to placing the 465' 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. 3) 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 365' or shallower and provide 10 sx plug at the surface. 4) 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.

Attachment Check List

<u>Att Doc Num</u>	<u>Name</u>
401936813	FORM 6 INTENT SUBMITTED
401936865	WELLBORE DIAGRAM
401936866	WELLBORE DIAGRAM
401936869	PROPOSED PLUGGING PROCEDURE
401937033	LOCATION PHOTO
401937448	SURFACE AGRMT/SURETY

Total Attach: 6 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Well File Verification	Pass	02/13/2019
Permit	Pass	02/13/2019
Engineer	1) Deepest Water Well within 1 mile = 300'. 2) Fox Hills Bottom- N/A, per SB5.	02/13/2019

Total: 3 comment(s)