

FORM 6 Rev 05/18	State of Colorado Oil and Gas Conservation Commission 1120 Lincoln Street, Suite 801, Denver, Colorado 80203 Phone: (303) 894-2100 Fax: (303) 894-2109	 	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:25%;">DE</td> <td style="width:25%;">ET</td> <td style="width:25%;">OE</td> <td style="width:25%;">ES</td> </tr> </table> <p style="color: red; font-weight: bold;">Replug By Other Operator</p> <p>Document Number: 401492419</p> <p>Date Received: 07/11/2019</p>	DE	ET	OE	ES																																
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WELL ABANDONMENT REPORT																																							
<p>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.</p> <p>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.</p>																																							
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<input type="checkbox"/> Notice of Intent to Abandon <input checked="" type="checkbox"/> Subsequent Report of Abandonment																																							
Only Complete the Following Background Information for Intent to Abandon																																							
Latitude: 40.404506 Longitude: -104.349228																																							
GPS Data:																																							
Date of Measurement: 07/14/1995 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 type="checkbox"/> Other																																							
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																																							
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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	100	sks cmt from	7100	ft. to	6850	ft.	Plug Type:	CASING	Plug Tagged:	<input type="checkbox"/>
Set	100	sks cmt from	5043	ft. to	4782	ft.	Plug Type:	CASING	Plug Tagged:	<input type="checkbox"/>
Set	100	sks cmt from	3019	ft. to	2769	ft.	Plug Type:	CASING	Plug Tagged:	<input type="checkbox"/>
Set		sks cmt from		ft. to		ft.	Plug Type:		Plug Tagged:	<input type="checkbox"/>
Set		sks cmt from		ft. to		ft.	Plug Type:		Plug Tagged:	<input type="checkbox"/>

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

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(Cast Iron Cement Retainer Depth)

Set 318 sacks half in. half out surface casing from 526 ft. to 76 ft. Plug Tagged: ☒

Set 10 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 Cut and Cap Date: 10/17/2017

*Wireline Contractor: _____ *Cementing Contractor: LEED / Halliburton

Type of Cement and Additives Used: Class G Neat 15.8#

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: Diane Blair

Title: Engineering Technician Date: 7/11/2019 Email: diane.blair@nblenergy.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: McFarland, Nick Date: 1/21/2020

CONDITIONS OF APPROVAL, IF ANY:

COA Type	Description
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Attachment Check List

<u>Att Doc Num</u>	<u>Name</u>
1802202	OPERATIONS SUMMARY
1802203	WELLBORE DIAGRAM
1802204	CEMENT JOB SUMMARY
401492419	FORM 6 SUBSEQUENT SUBMITTED
401492430	CEMENT JOB SUMMARY

Total Attach: 5 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Engineer	42 filed for flowline abandonment. 48 hour ops notice given. Corrected casing history to include liner run during PA, and open hole section. Emailed operator regarding items below. *Is there an ops summary or additional cement tickets available? LEED cement tickets indicate two plugs were pumped across the shoe, neither which match those on WBD. Please provide documentation of the 122 sx used to cement the 5-1/2" liner to surface. Received ops summary and cement tickets.	01/08/2020
Engineer	jenkinss10/04/201731900123-0518810/04/2017Edit Erich called and emailed with the following: Just a quick follow up on phone conversation 10/4/2017. We were not successful at getting a good pressure test of the surface casing and had to run a 5 ½ liner. We will now be using a 4 ¾ bit to reenter with.	01/08/2020
Engineer	Cement tickets don't match what is listed on the subsequent. Could use ops summary and any missing cement tickets to figure out what happened in this plugging.	11/20/2018
Agency	Waiting for the operator to: (1) Resubmit the proposed plugging procedure. The document on file looks incomplete (doc# 401296409). (2) Update wellbore diagram from 0-530' (there is a discrepancy in the cement legend of the old and new cement). (3) Daily job summary. The number of cements sacks used from 0-530' do not correlate with the form 6(s), Cement ticket, and the wellbore diagram.	08/17/2018

Total: 4 comment(s)