

FORM 6 Rev 11/20	State of Colorado Oil and Gas Conservation Commission				DE	ET	OE	ES		
	1120 Lincoln Street, Suite 801, Denver, Colorado 80203 Phone: (303) 894-2100 Fax: (303) 894-2109				Document Number: 403318553 Date Received: 02/10/2023					
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. 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>										
OGCC Operator Number: 81480					Contact Name: Kathleen Spring					
Name of Operator: THOMAS L SPRING LLC					Phone: (303) 7711889					
Address: 7400 E ORCHARD RD STE 106-S					Fax:					
City: GREENWOOD		State: CO		Zip: 80111		Email: kathleenspring3@gmail.com				
For "Intent" 24 hour notice required,					Name: Welsh, Brian		Tel: (719) 325-6919			
COGCC contact:					Email: brian.welsh@state.co.us					
Type of Well Abandonment Report: <input checked="" type="checkbox"/> Notice of Intent to Abandon <input type="checkbox"/> Subsequent Report of Abandonment										
API Number 05-061-06749-00										
Well Name: STATE BOCK					Well Number: 2					
Location: QtrQtr: NESE		Section: 31		Township: 20S		Range: 48W		Meridian: 6		
County: KIOWA				Federal, Indian or State Lease Number:						
Field Name: MCCLAVE				Field Number: 53600						
Only Complete the Following Background Information for Intent to Abandon										
Latitude: 38.272560				Longitude: -102.823560						
GPS Data: GPS Quality Value: 2.1		Type of GPS Quality Value: PDOP			Date of Measurement: 07/08/2012					
Reason for Abandonment: <input type="checkbox"/> Dry <input checked="" type="checkbox"/> Production Sub-economic <input type="checkbox"/> Mechanical Problems										
<input type="checkbox"/> Other										
Casing to be pulled: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		Estimated Depth:								
Fish in Hole: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		If yes, explain details below								
Wellbore has Uncemented Casing leaks: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		If yes, explain details below								
Details:										
Current and Previously Abandoned Zones										
Formation	Perf. Top	Perf. Btm	Abandoned Date	Method of Isolation	Plug Depth					
MORROW	4804	4815								
Total: 1 zone(s)										
Casing History										
Casing Type	Size of Hole	Size of Casing	Grade	Wt/Ft	Csg/Liner Top	Setting Depth	Sacks Cmt	Cmt Btm	Cmt Top	Status
SURF	12+1/4	8+5/8	J55	24		322	200	322	0	VISU
1ST	7+7/8	4+1/2	J55	10.5		4805	285	4805	3290	CBL
				Stage Tool		3005	440	3010	1070	CBL

Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 4590 with 2 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 <u>15</u> sks cmt from <u>3050</u> ft. to <u>2900</u> ft.	Plug Type: <u>CASING</u>	Plug Tagged: <input type="checkbox"/>
Set <u>20</u> sks cmt from <u>1000</u> ft. to <u>750</u> ft.	Plug Type: <u>CASING</u>	Plug Tagged: <input type="checkbox"/>
Set <u>5</u> sks cmt from <u>550</u> ft. to <u>500</u> ft.	Plug Type: <u>CASING</u>	Plug Tagged: <input type="checkbox"/>
Set <u>10</u> sks cmt from <u>372</u> ft. to <u>250</u> ft.	Plug Type: <u>CASING</u>	Plug Tagged: <input checked="" type="checkbox"/>
Set _____ sks cmt from _____ ft. to _____ ft.	Plug Type: _____	Plug Tagged: <input type="checkbox"/>

Perforate and squeeze at 1050 ft. with 60 sacks. Leave at least 100 ft. in casing 1000 CICR Depth

Perforate and squeeze at 600 ft. with 40 sacks. Leave at least 100 ft. in casing 550 CICR Depth

Perforate and squeeze at 372 ft. with 40 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 15 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. of _____ inch casing

Surface Plug Setting Date: _____ Cut and Cap Date: _____ Number of Days from Setting Surface Plug to Capping or Sealing the Well: _____

*Wireline Contractor: _____

*Cementing Contractor: _____

Type of Cement and Additives Used: _____

Flowline/Pipeline has been abandoned per Rule 1105 ☐ Yes ☐ No

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: Kathleen Spring

Title: Manager Date: 2/10/2023 Email: kathleenspring3@gmail.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: Wolfe, Stephen Date: 3/20/2023

CONDITIONS OF APPROVAL, IF ANY:

Expiration Date: 9/19/2023

COA Type	Description
	<p>Bradenhead Testing</p> <p>Prior to starting plugging operations a bradenhead test shall be performed if there has not been a reported bradenhead test within the 60 days immediately preceding the start of plugging operations.</p> <p>1) If, before opening the bradenhead valve, the beginning pressure is greater than 25 psi, sampling is required.</p> <p>2) If pressure remains at the conclusion of the test, or if any liquids were present during the test, sampling is required.</p> <p>The Form 17 shall be submitted within 10 days of the test. Sampling shall comply with Operator Guidance - Bradenhead Testing and Reporting Instructions. If samples are collected, copies of all final laboratory analytical results shall be provided to the COGCC within three (3) months of collecting the samples.</p> <p>If there is a need for sampling, contact COGCC engineering for verification of plugging procedure.</p>
	<p>Consistent with Rule 911.a, a Form 27 must be approved prior to cut and cap, conducting flowline abandonment, or removing production equipment. Allow 30 days for Director review of the Form 27; include the Form 27 document number on the Form 44 for offsite flowline abandonment (if applicable) and on the Form 6 Subsequent.</p>
	<p>Properly abandon flowlines per Rule 1105. If flowlines will be abandoned in place, include with the Form 27: pressure test results conducted in the prior 12 months as well as identification of any document numbers for a COGCC Spill/Release Report, Form 19, associated with the abandoned line.</p>
	<p>Plugging</p> <p>1) Provide electronic Form 42 Notice of MIRU 2 business days ahead of operations and electronic Form 42 Notice of Plugging Operations 48 hours prior to mobilizing for plugging operations.</p> <p>2) Plugs and squeezes will be placed as stated in the Plugging Procedure section of the approved NOIA unless revised by COA or prior approval from COGCC is obtained.</p> <p>3) The wellbore must be static prior to placing cement plugs which are to be a minimum of 100' in length for all but surface plugs. Mechanical isolation requires a 25' cement plug, minimum. For plugs not specified to be tagged, a tag is required if circulation is not maintained while pumping plug and displacing to depth. Tag at tops specified or shallower. Notify COGCC Area Engineer before adding cement to previous plug.</p> <p>4) Place a 50' plug (minimum) at the surface, both inside the inner most casing and in all annular spaces. Surface plugs shall be circulated to surface. Confirm cement to surface in all strings during cut and cap.</p> <p>5) With the Form 6 SRA operator must provide written documentation which positively affirms each COA has been addressed.</p> <p>6) Operator must wait a sufficient time on all plugs to achieve the intended design. If at any time during the plugging there is evidence of previously unreported pressure or fluid migration, contact COGCC Area Engineer before continuing operations.</p> <p>7) Plugging procedure has been modified as follows, Plug #1 - 4590', CIBP with 2 sx of cement. Plug #2 - 3050-2900', 15 sx cement casing plug, cover DV at 3010'. Plug #3 - 1050', perf and squeeze 60 sx into CICR at 1000', spot 20 sx on top of CICR. If CICR is not used pump 85 sx of cement and displace top of cement to 750', WOC and tag. Plug #4 - 600', perf and squeeze 40 sx into CICR at 550', spot 5 sx on top of CICR. If CICR is not used pump 50 sx of cement and displace top of cement to 500', WOC and tag. Plug #5 - 372', perf and pump 50 sx, displace top of cement to 250', WOC and tag at 272' or shallower. WOC and tag not required if cement is circulated to the surface and remains there. Plug #6 - 50' of cement at the surface in both the casing and the annulus per COA #4.</p> <p>8) Submit corrected WBD to correspond with approved 6(N) prior to filing Form 42</p> <p>Notifications required in COA #1 above.</p>
4 COAs	

Attachment List

Att Doc Num**Name**

403318553	FORM 6 INTENT SUBMITTED
403318572	WELLBORE DIAGRAM
403318576	WELLBORE DIAGRAM

Total Attach: 3 Files

General Comments

User Group**Comment****Comment Date**

Engineer	Groundwater: Alluvium, Dakota-Cheyenne Deepest Water Well: $750 + 3989 - 3975 + 50 = 814'$ Log: 061-05007 State Bock Unit 1 GR=4004	02/27/2023
OGLA	OGLA review is complete.	02/22/2023

Total: 2 comment(s)