

Document Number:
403233782

Date Received:
11/17/2022

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: 17320 Contact Name: Julie Branting
 Name of Operator: CITY & COUNTY OF DENVER Phone: (303) 638-7484
 Address: 8500 PENA BLVD AOB 10TH FLOOR Fax: _____
 City: DENVER State: CO Zip: 80249- Email: petropro@comcast.net

For "Intent" 24 hour notice required, Name: Medina, Justin Tel: (720) 471-0006
COGCC contact: Email: justin.medina@state.co.us

Type of Well Abandonment Report: Notice of Intent to Abandon Subsequent Report of Abandonment

API Number 05-001-06782-00
 Well Name: BOX ELDER K Well Number: 1
 Location: QtrQtr: NWNE Section: 6 Township: 2S Range: 65W Meridian: 6
 County: ADAMS Federal, Indian or State Lease Number: 3762
 Field Name: THIRD CREEK Field Number: 81800

Only Complete the Following Background Information for Intent to Abandon

Latitude: 39.911620 Longitude: -104.702670
 GPS Data: GPS Quality Value: 1.3 Type of GPS Quality Value: PDOP Date of Measurement: 09/11/2009

Reason for Abandonment: Dry Production Sub-economic Mechanical Problems
 Other Third Creek Gas Gathering System Abandonment

Casing 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
J SAND	8238	8289			
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	K55	24	0	320	350	320	0	VISU
1ST	7+7/8	4+1/2	K55	11.6	0	8390	150	8390	7700	CALC
S.C. 1.1	7+7/8	4+1/2	K55	11.6	0	1618	350	1618	800	CALC

Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 8150 with 2 sacks cmt on top. CIBP #2: Depth 1720 with 20 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 10 sks cmt from 7320 ft. to 7420 ft. Plug Type: CASING Plug Tagged:
Set 60 sks cmt from 800 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:

Perforate and squeeze at 3210 ft. with 40 sacks. Leave at least 100 ft. in casing 3160 CICR Depth
Perforate and squeeze at 800 ft. with 200 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 _____ sacks half in. half out surface casing from _____ ft. to _____ 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. of _____ inch casing Number of Days from Setting Surface Plug
Surface Plug Setting Date: _____ Cut and Cap Date: _____ 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:

Will run CBL and submit prior to plugging to verify plugging procedure. If TOC not above Niobrara, will perf 7420, CICR 7370, and pump 30 sx thru and leave 15 sx on top. Will perf above TOC of secondary cmt and circ cmt to surface in annulus and csg.

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

Signed: _____ Print Name: Julie Branting
Title: Agent Date: 11/17/2022 Email: petropro@comcast.net

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: Jacobson, Eric Date: 11/21/2022

CONDITIONS OF APPROVAL, IF ANY: _____

Expiration Date: 5/20/2023

COA Type	Description
	Submit a form 5A to update perf interval on scout card. This Form 5A must be submitted within 30 days for compliance with Rule 416.
	CBL to be run prior to plugging to verify stage tool setting depth and existing coverage - submit to COGCC for verification of plugging orders.
	<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>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) Prior to placing the 800' plug: verify that all fluid (liquid and gas) migration has been eliminated. If evidence of fluid migration or pressure remains, contact COGCC Engineer for an update to plugging orders.</p> <p>3) After isolation has been verified, pump surface casing shoe plug. If cement is not circulated to surface, shut-in, WOC 4 hours then tag plug – must be at 270' or shallower and provide 10 sx plug at the surface.</p> <p>4) Leave at least 100' of cement in the wellbore for each plug without mechanical isolation.</p> <p>5) With the Form 6 SRA operator must provide written documentation which positively affirms each COA listed above has been addressed.</p>
5 COAs	

Attachment List

Att Doc Num	Name
403233782	FORM 6 INTENT SUBMITTED
403233792	WELLBORE DIAGRAM

Total Attach: 2 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
OGLA	OGLA review is complete.	11/21/2022
Permit	Confirmed as-drilled well location. No other forms in process. Production reporting up-to-date. Reviewed WBD. Pass.	11/21/2022
Engineer	Well file verification not completed prior to approval of NOIA.	11/18/2022
Engineer	Deepest Water Well within 1 Mile – 300' SB5 Base of Fox Hills - 1559' SB5 Base of Lower Arapahoe - 929' SB5 Base of Upper Arapahoe - 613' SB5 Base of Denver - 361' Denver / 4904 / 5168 / 116.8 / 361 / 97 / 31.77NNT Upper Arapahoe / 4652 / 4882 / 91.8 / 613 / 383 / 24.97NT Lower Arapahoe / 4336 / 4577 / 103.6 / 929 / 688 / 28.18NT Laramie-Fox Hills / 3706 / 3946 / 163.9 / 1559 / 1319 / 39.34NT	11/18/2022

Total: 4 comment(s)