

Document Number:  
 403239705  
 Date Received:  
 11/27/2022

**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: 10322 Contact Name: Alex Beem Alex Beem  
 Name of Operator: EAST CHEYENNE GAS STORAGE LLC Phone: (225) 7723841  
 Address: 370 VAN GORDON STREET Fax: \_\_\_\_\_  
 City: LAKEWOOD State: CO Zip: 80228 Email: alex.beem@tallgrass.com

**For "Intent" 24 hour notice required,** Name: Schure, Kym Tel: (970) 520-3832  
**COGCC contact:** Email: kym.schure@state.co.us

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

API Number 05-075-07110-00  
 Well Name: JORRITSMA Well Number: 8  
 Location: QtrQtr: SENE Section: 12 Township: 11N Range: 53W Meridian: 6  
 County: LOGAN Federal, Indian or State Lease Number: \_\_\_\_\_  
 Field Name: LEWIS CREEK Field Number: 49200

*Only Complete the Following Background Information for Intent to Abandon*

Latitude: 40.943860 Longitude: -103.231320  
 GPS Data: GPS Quality Value: 2.9 Type of GPS Quality Value: \_\_\_\_\_ Date of Measurement: 06/28/2010  
 Reason for Abandonment:  Dry  Production Sub-economic  Mechanical Problems  
 Other Re-enter and re-plug to current standards.  
 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	5387	5389	05/04/1964	CEMENT	
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	10+3/4	9+5/8	NA	25.4	0	215	180	215	0	VISU
1ST	7+5/8	5+1/2	J55	15.5	4308	5428	150	5428	4600	CALC
OPEN HOLE	7+5/8				215	4308				

## 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 75 sks cmt from 4400 ft. to 4200 ft. Plug Type: OPEN HOLE Plug Tagged:   
Set 75 sks cmt from 1375 ft. to 1175 ft. Plug Type: OPEN HOLE Plug Tagged:   
Set 75 sks cmt from 665 ft. to 465 ft. Plug Type: OPEN HOLE Plug Tagged:   
Set 75 sks cmt from 300 ft. to 0 ft. Plug Type: CASING Plug Tagged:   
Set 10 sks cmt from 5380 ft. to 5300 ft. Plug Type: CASING 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 \_\_\_\_\_ 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. of \_\_\_\_\_ inch casing Number of Days from Setting Surface Plug to Capping or Sealing the Well: \_\_\_\_\_  
Surface Plug Setting Date: \_\_\_\_\_ Cut and Cap Date: \_\_\_\_\_

\*Wireline Contractor: \_\_\_\_\_ \*Cementing Contractor: \_\_\_\_\_

Type of Cement and Additives Used: \_\_\_\_\_

Flowline/Pipeline has been abandoned per Rule 1105  Yes  No

Technical Detail/Comments:

This well was previously plugged and abandoned. We think the plug was insufficient for isolation and want to re-plug this well.

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

Signed: \_\_\_\_\_ Print Name: Alex Beem

Title: Sr. Reservoir Engineer Date: 11/27/2022 Email: alex.beem@tallgrass.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: 12/7/2022

CONDITIONS OF APPROVAL, IF ANY: \_\_\_\_\_

Expiration Date: 6/6/2023

<b>COA Type</b>	<b>Description</b>
	<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) After placing the shallowest hydrocarbon isolating plug (4400'), operator must wait a sufficient time on all subsequent plugs to confirm static conditions. If at any time after placing this plug there is evidence of pressure or of fluid migration, contact COGCC Area Engineer before continuing operations.</p> <p>7) Plugging procedure has been modified as follows, If the casing stub can be re-entered, tag the existing plug at 5300' and add 20 sx cement plug. Plug #1 - 4400-4200', 75 sx open hole cement plug, WOC and tag. Plug #2 - 1375-1175', 75 sx open hole cement plug, WOC and tag. Plug #3 - 665-465', 75 sx open hole cement plug, WOC and tag. Plug #4 - 300-0', 120 sx casing plug, WOC and tag at 165' or higher if cement is not brought to the surface. Plug #5 - 50' of cement at the surface per COA #5.</p>
1 COA	

### **Attachment List**

<b>Att Doc Num</b>	<b>Name</b>
403239705	FORM 6 INTENT SUBMITTED
403239707	WELLBORE DIAGRAM
403239708	WELLBORE DIAGRAM
403239709	PROPOSED PLUGGING PROCEDURE

Total Attach: 4 Files

### **General Comments**

<b>User Group</b>	<b>Comment</b>	<b>Comment Date</b>
Engineer	Groundwater: White River, Upper Pierre Deepest Water Well: 1241'(1mi, 7 wells) Upper Pierre Log: 075-07183 4/2/52 GR 4562 Ogallala base behind surface casing OGALLALA 0 190 WHITE RIVER 190 600 UPPER PIERRE 600 1200 PIERRE SHALE 1233 1962	12/07/2022
Permit	Confirmed as-drilled well location. No other forms in process. Confirmed productive interval docnum: 630133. Corrected zones tab. Reviewed WBDs and procedure. Pass.	11/29/2022
OGLA	OGLA review is complete.	11/28/2022

Total: 3 comment(s)