

Document Number:  
 402613095  
 Date Received:  
 04/06/2021

**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: 10352 Contact Name: Cal St. John  
 Name of Operator: CM PRODUCTION LLC Phone: (720) 545-5624  
 Address: 390 UNION BLVD SUITE 620 Fax: \_\_\_\_\_  
 City: LAKEWOOD State: CO Zip: 80228 Email: cal.stjohn@state.co.us

**For "Intent" 24 hour notice required,** Name: St. John, Cal Tel: (720) 545-5624  
**COGCC contact:** Email: cal.stjohn@state.co.us

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

API Number 05-057-06100-00  
 Well Name: SPAULDING, MARGARET Well Number: 13  
 Location: QtrQtr: SESE Section: 28 Township: 9N Range: 81W Meridian: 6  
 County: JACKSON Federal, Indian or State Lease Number: \_\_\_\_\_  
 Field Name: LONE PINE Field Number: 51375

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

Latitude: 40.719905 Longitude: -106.495677  
 GPS Data: GPS Quality Value: 2.6 Type of GPS Quality Value: \_\_\_\_\_ Date of Measurement: 12/23/2011  
 Reason for Abandonment:  Dry  Production Sub-economic  Mechanical Problems  
 Other Orphaned Well  
 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
DAKOTA	2446	2455			
LAKOTA	2506	2538			

Total: 2 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	NA	24	0	170	130	170	0	VISU
1ST	7+7/8	4+1/2	NA	9.5	0	2621	280	2621	1350	CBL

## Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 2551 with 3 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 10 sks cmt from 1552 ft. to 1452 ft. Plug Type: CASING Plug Tagged:   
Set 10 sks cmt from 750 ft. to 650 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 267 ft. with 90 sacks. Leave at least 100 ft. in casing \_\_\_\_\_ CICR Depth  
Perforate and squeeze at 750 ft. with 25 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 is being plugged by COGCC as part of the CM Production Bond Claim Project, limited information available

Bradenhead test prior to plugging is a requirement of the scope of work Well may have shut in wellhead pressure of 120 psi with fluid to surface and historically has continued to flow until well is killed. Produced fluid will require containment prior to killing the well. Staging of produced fluids may be required prior to transporting to disposal facility and secondary containment of any temporary storage is required.

Bradenhead space may contain trapped pressure and access may require a live tap to remove untapped bullplug. Bradenhead test prior to plugging is a requirement of the scope of work

Need to pull rods, pump and tubing.

Deepest water well within 1 mile is 100  
Deepest water well within 2 miles is 217

Bridge plug reported @ 2,551  
Lakota completion 2,506 2,538

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

Signed: \_\_\_\_\_ Print Name: Cal St. John

Title: OWP Engineering Tech Date: 4/6/2021 Email: cal.stjohn@stste.co.us

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:

Date: 4/7/2021

**CONDITIONS OF APPROVAL, IF ANY:**

Expiration Date: 10/6/2021

## Condition of Approval

**COA Type**

**Description**

	<p>1. If oil and gas activities must occur within Sensitive Wildlife Habitat for Greater Sage Grouse, the Operator agrees to conduct oil and gas operations outside the period between March 1 to May 15 and restrict well site activities to portions of the day between 9:00 a.m. and 4:00 p.m.</p> <p>2. Operator will comply with the maximum permissible noise levels for Residential/Rural/State Parks &amp; State Wildlife Areas from 7:00 a.m. to 7:00 p.m. per Table 423-1 due to the location being within high priority habitat.</p>
	<p>Additional information required</p> <p>1) No current Form 17 on file with COGCC. Contact COGCC with results of pre-plugging bradenhead test for confirmation of plugging procedure prior to commencing plugging operations.</p>
	<p>Venting</p> <p>Operator shall implement measures to control unnecessary and excessive venting, to protect the health and safety of the public, and to ensure that vapors and odors from well plugging operations do not constitute a nuisance or hazard to public welfare.</p>
	<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>1) Provide 48 hour notice of plugging MIRU via electronic Form 42.</p> <p>2) Contact COGCC Area Inspector prior to commencing plugging operations.</p> <p>3) 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>4) 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.</p> <p>5) 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>6) With the Form 6 SRA operator must provide written documentation which positively affirms each COA has been addressed.</p> <p>7) After placing the shallowest hydrocarbon isolating plug (2551'), 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 before continuing operations. Additional plugs may be required to eliminate pressure or fluid migration prior to pumping the shoe plug.</p> <p>8) Place 10 sx casing plug at 1552', tag required if circulation is not maintained while pumping plug and displacing to depth.</p> <p>9) Perf at 750', circulate 25 sx plug and displace into perfs with additional 10 sx to remain in the casing, tag required at 650' or shallower if circulation is not maintained while pumping plug and displacing to depth. WOC and verify no flow condition on bradenhead is satisfied.</p> <p>10) Perf at 267', circulate 90 sx through perfs to surface, tag required at 120' or shallower if cement is not circulated to surface.</p>

5 COAs

## Attachment List

<u>Att Doc Num</u>	<u>Name</u>
402613095	FORM 6 INTENT SUBMITTED
402616876	WELLBORE DIAGRAM

Total Attach: 2 Files

## General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Permit	Dakota perfs added to WBD. Pass.	04/07/2021
Engineer	Deepest water well: 217' (2 mi)	04/06/2021
Engineer	•Added Dakota to Zones tab	04/06/2021
Permit	-Confirmed as-drilled well location. -No other forms in process. -Production reporting excluded. -Added Dakota perfs and confirmed Lakota perfs, docnum: 2431416. -Returned to draft.	03/09/2021

Total: 4 comment(s)