

FORM  
6Rev  
11/20

# State of Colorado Oil and Gas Conservation Commission

1120 Lincoln Street, Suite 801, Denver, Colorado 80203 Phone: (303) 894-2100 Fax: (303) 894-2109



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Document Number:

402613070

Date Received:

03/04/2021

## 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 05-057-06070-00

Well Name: SPAULDING, MARGARET

Well Number: 8

Location: QtrQtr: NWSE 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: 40.722103 Longitude: -106.496571

GPS Data: GPS Quality Value: 1.3 Type of GPS Quality Value: Date of Measurement: 12/23/2011

Reason for Abandonment: ☐ Dry ☐ Production Sub-economic ☐ Mechanical Problems☒ Other Orphaned WellCasing to be pulled: ☐ Yes ☒ No Estimated Depth:Fish in Hole: ☐ Yes ☒ No If yes, explain details belowWellbore 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
LAKOTA	2491	2541			

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	NA	24	0	267	190	267	0	VISU
1ST	7+7/8	5+1/2	NA	14	0	2491	225	2491	995	CALC

## Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 2416 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 <u>12</u> sks cmt from <u>1400</u> ft. to <u>1300</u> ft.	Plug Type: <u>CASING</u>	Plug Tagged: <input type="checkbox"/>
Set <u>12</u> sks cmt from <u>750</u> ft. to <u>650</u> ft.	Plug Type: <u>CASING</u>	Plug Tagged: <input checked="" type="checkbox"/>
Set <u>12</u> sks cmt from <u>317</u> ft. to <u>217</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"/>
Set _____ sks cmt from _____ ft. to _____ ft.	Plug Type: _____	Plug Tagged: <input type="checkbox"/>

Perforate and squeeze at 750 ft. with 20 sacks. Leave at least 100 ft. in casing \_\_\_\_\_ CICR Depth

Perforate and squeeze at 317 ft. with 50 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 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:

This well is being plugged by COGCC as part of the CM Production Bond Claim Project  
Limited information available

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 if present.

No CBL on file, please run cement bond log after setting CIBP to determine plug placement per attached WBD

Deepest water well within 1 mile is 100

Deepest water well within 2 miles is 217

Open hole Lakota completion Lakota 2491-2541

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: 3/4/2021

Email: cal.stjohn@state.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>Additional information required</p> <ol style="list-style-type: none"><li>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.</li><li>2) Verify existing cement coverage by CBL - submit to COGCC for verification of plugging orders prior to continuing plugging operations.</li></ol>
	<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> <ol style="list-style-type: none"><li>1) If, before opening the bradenhead valve, the beginning pressure is greater than 25 psi, sampling is required.</li><li>2) If pressure remains at the conclusion of the test, or if any liquids were present during the test, sampling is required.</li></ol> <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>
	<ol style="list-style-type: none"><li>1) Provide 48 hour notice of plugging MIRU via electronic Form 42.</li><li>2) Contact COGCC Area Inspector prior to commencing plugging operations.</li><li>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.</li><li>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.</li><li>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.</li><li>6) With the Form 6 SRA operator must provide written documentation which positively affirms each COA has been addressed.</li><li>7) After placing the shallowest hydrocarbon isolating plug (2416'), 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.</li><li>8) Pump 12 sx plug at 1400', tag required at 1300' or shallower if circulation is not maintained while pumping plug and displacing to depth.</li><li>9) Perf at 750', circulate 20 sx plug and displace into perfs with additional 12 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.</li><li>10) Perf at 317', circulate 50 sx and displace with additional 12 sx to remain in casing, tag required at 217' or shallower if cement is not circulated to surface.</li></ol>

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.

2. Operator will comply with the maximum permissible noise levels for Residential/Rural/State Parks & State Wildlife Areas from 7:00 a.m. to 7:00 p.m. (between the dates of March 1 and May 15) per Table 423-1 due to the location being within high priority habitat.

3. Operator will control stormwater runoff and install stormwater BMPs and erosion controls necessary to prevent fine-grained sediment from leaving the location and impacting surface water in Spring Gulch and 1202.c High Priority Habitat for Aquatic Sportfish Management Water buffer for Spring Gulch.

4. Operator will manage fluids and other materials brought on location to prevent impacts to 1202.c High Priority Habitat for Aquatic Sportfish Management Water and surface water in Spring Gulch.

5 COAs

### **Attachment List**

<b><u>Att Doc Num</u></b>	<b><u>Name</u></b>
402613070	FORM 6 INTENT SUBMITTED
402616868	WELLBORE DIAGRAM

Total Attach: 2 Files

### **General Comments**

<b><u>User Group</u></b>	<b><u>Comment</u></b>	<b><u>Comment Date</u></b>
Engineer	Deepest water well: 217' (2 mi)	04/05/2021
Permit	-Confirmed as-drilled well location. -No other forms in process. -Production reporting excluded. -Open hole completion confirmed pg 5 Docnum: 266212. -Reviewed WBDs. -Pass.	03/08/2021

Total: 2 comment(s)