

Document Number:
402473114

Date Received:
09/08/2020

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: (303) 894-2100
 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: _____ Tel: _____
 COGCC contact: Email: _____

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

API Number 05-121-10714-00 Well Number: 33-24
 Well Name: CANNON (OWP)
 Location: QtrQtr: NWSE Section: 24 Township: 2N Range: 49W Meridian: 6
 County: WASHINGTON Federal, Indian or State Lease Number: _____
 Field Name: TAP Field Number: 80840

Only Complete the Following Background Information for Intent to Abandon

Latitude: 40.123786 Longitude: -102.801046
 GPS Data: GPS Quality Value: 0.5 Type of GPS Quality Value: Accuracy in Meters Date of Measurement: 08/19/2020
 GPS Instrument Operator's Name: Cal St. John
 Reason for Abandonment: Dry Production Sub-economic Mechanical Problems
 Other _____
 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
D SAND	3786	3816	07/06/2020	BRIDGE PLUG	3700
J SAND	3910	3912	01/14/2004	BRIDGE PLUG	3900
Total: 2 zone(s)					

Casing History

Casing Type	Size of Hole	Size of Casing	Weight Per Foot	Setting Depth	Sacks Cement	Cement Bot	Cement Top	Status
SURF	12+1/4	8+5/8	23	430	370	430	0	VISU
1ST	7+7/8	5+1/2	15.5	4,000	225	4,000	2,690	CBL

Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 3700 with 3 sacks cmt on top. CIBP #2: Depth 2800 with 3 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 _____ 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:
 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 1300 ft. with 40 sacks. Leave at least 100 ft. in casing 1197 CICR Depth
 Perforate and squeeze at 480 ft. with 180 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 180 sacks half in. half out surface casing from 480 ft. to 0 ft. Plug Tagged:
 Set 5 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. _____ inch casing Cut and Cap Date: 07/21/2020
 of _____
 *Wireline Contractor: NexTier *Cementing Contractor: Bolher Well Service
 Type of Cement and Additives Used: Class G Neat
 Flowline/Pipeline has been abandoned per Rule 1105 Yes No

Technical Detail/Comments:

Changed plugging order to add additional plug over Niobrara formation. Set CIBP w/ 3 sx at 2800'. CIBP is 124' above Niobrara formation and inside cement with TOC identified at 2690' from completed CBL.

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: 9/8/2020 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: Jacobson, Eric Date: 9/23/2020

CONDITIONS OF APPROVAL, IF ANY:

<u>COA Type</u>	<u>Description</u>

Attachment Check List

<u>Att Doc Num</u>	<u>Name</u>
402473114	FORM 6 SUBSEQUENT SUBMITTED
402483281	WELLBORE DIAGRAM
402483283	CEMENT BOND LOG
402483285	OPERATIONS SUMMARY
402483286	OPERATIONS SUMMARY
402483287	OPERATIONS SUMMARY
402483288	CEMENT JOB SUMMARY
402483290	WIRELINE JOB SUMMARY
402483291	OTHER

Total Attach: 9 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
		Stamp Upon Approval

Total: 0 comment(s)