

Document Number:  
401826612

Date Received:  
11/15/2018

**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: 10032 Contact Name: R. V. Borchert

Name of Operator: H & M PETROLEUM CORPORATION Phone: (308) 254-2992

Address: PO BOX 467 Fax: \_\_\_\_\_

City: SIDNEY State: NE Zip: 69162 Email: dick.shanor@gmail.com

**For "Intent" 24 hour notice required,** Name: \_\_\_\_\_ Tel: \_\_\_\_\_

**COGCC contact:** Email: \_\_\_\_\_

API Number 05-075-09334-00

Well Name: CATHERINE Well Number: 3

Location: QtrQtr: NESW Section: 36 Township: 12N Range: 55W Meridian: 6

County: LOGAN Federal, Indian or State Lease Number: 942195

Field Name: CHAMPION Field Number: 10780

Notice of Intent to Abandon  Subsequent Report of Abandonment

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

Latitude: 40.971354 Longitude: -103.467979

GPS Data:  
Date of Measurement: 07/12/2018 PDOP Reading: 1.4 GPS Instrument Operator's Name: Carl Gilbert

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
J SAND	5751	5772	10/23/2018	B PLUG CEMENT TOP	5700

Total: 1 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+3/4	8+5/8	24	503	385	503	0	VISU
1ST	7+7/8	4+1/2	11.6	5,849	200	5,849	5,000	CALC

## Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 5700 with 10 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 5700 ft. to 5568 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:   
 Set \_\_\_\_\_ sks cmt from \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Plug Type: \_\_\_\_\_ Plug Tagged:

Perforate and squeeze at 2000 ft. with 20 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 50 sacks half in. half out surface casing from 558 ft. to 428 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: 558 ft. 4+1/2 inch casing Plugging Date: 11/10/2018  
 \*Wireline Contractor: Brand X \*Cementing Contractor: Eatmon Well Service Co  
 Type of Cement and Additives Used: Portland Cement Type 1  
 Flowline/Pipeline has been abandoned per Rule 1105  Yes  No \*ATTACH JOB SUMMARY

Technical Detail/Comments:

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

Signed: \_\_\_\_\_ Print Name: Julie Webb  
 Title: Sr. Regulatory Analyst Date: 11/15/2018 Email: jwebb@progressivepcs.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: Strathman, Elliot Date: 3/20/2019

**CONDITIONS OF APPROVAL, IF ANY:**

COA Type	Description

## Attachment Check List

<u>Att Doc Num</u>	<u>Name</u>
1801717	OPERATIONS SUMMARY
401826612	FORM 6 SUBSEQUENT SUBMITTED
401834885	WIRELINE JOB SUMMARY
401834887	CEMENT JOB SUMMARY
401836016	WELLBORE DIAGRAM

Total Attach: 5 Files

## General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Agency	HAVE 42 FLOWLINE have rig report, rig report does not support packer or other method for squeeze at 2000 or depth of tubing for pumping of stub / shoe plug Perf interval was typo on 6S	03/20/2019
Well File Verification	Pass	03/15/2019
Engineer	engineering approved without well file verification on NOIA - added task	03/08/2019
Agency	dick.shanor@gmail.com Please submit Form 42 Flow line abandonment. Per file note; 15 sack,s on top of CIBP was approved deviation from 6n, but only 10 sacks were placed, please forward correspondence validating deviation from approved 15 sacks. Please submit rig report or other stating depth of pumped cement. Please verify J Sand perf interval, submitted 6s does not match 5A record.	02/26/2019
Engineer	cement quantities verified - no depths - requested details - tagging	11/29/2018

Total: 5 comment(s)