

Document Number:  
402279880

Date Received:  
01/08/2020

**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: 10386 Contact Name: Mike Mayer

Name of Operator: POC-I LLC Phone: (307) 3808255

Address: P.O. BOX 51208 Fax: \_\_\_\_\_

City: CASPER State: WY Zip: 82605 Email: mmayer1@bresnan.net

**For "Intent" 24 hour notice required,** Name: Waldron, Emily Tel: (970) 819-9609

**COGCC contact:** Email: emily.waldron@state.co.us

API Number 05-081-05119-00

Well Name: ILES DOME UNIT Well Number: 8

Location: QtrQtr: SWNW Section: 23 Township: 4N Range: 92W Meridian: 6

County: MOFFAT Federal, Indian or State Lease Number: 37734

Field Name: ILES Field Number: 39041

Notice of Intent to Abandon       Subsequent Report of Abandonment

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

Latitude: 40.306860 Longitude: -107.686590

GPS Data:  
Date of Measurement: 10/21/2010 PDOP Reading: 1.3 GPS Instrument Operator's Name: BRIAN POWERS

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
SUNDANCE	3423	3437			

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	18	13	50	91	86	91	0	VISU
1ST	10+7/8	8+5/8	32	3,416	300	3,416	2,016	CALC
OPEN HOLE	7			3,437				

## Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 3415 with 60 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 \_\_\_\_\_ sks cmt from \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Plug Type: CASING Plug Tagged:   
Set 60 sks cmt from 0 ft. to 100 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 2500 ft. with 120 sacks. Leave at least 100 ft. in casing \_\_\_\_\_ CICR Depth  
Perforate and squeeze at 470 ft. with 60 sacks. Leave at least 100 ft. in casing 420 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 60 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: \_\_\_\_\_  
of \_\_\_\_\_

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

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

Flowline/Pipeline has been abandoned per Rule 1105  Yes  No \*ATTACH JOB SUMMARY

Technical Detail/Comments:

Well completed in 1934, drill hole sizes estimated off of cement volumes from completion.

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

Signed: \_\_\_\_\_ Print Name: Stephen Tygard

Title: Prod. Date: 1/8/2020 Email: stephen@sunshinevalleypetroleum.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: BURGER, CRAIG Date: 1/16/2020

**CONDITIONS OF APPROVAL, IF ANY:** \_\_\_\_\_ Expiration Date: 7/15/2020

COA Type	Description
	<p>1)Provide 48 hour notice of plugging MIRU via electronic Form 42.</p> <p>2)The approved Form 6, Notice of Intent will be at the location during all phases of plugging operations.</p> <p>3)Operator shall implement measures to control venting and to ensure that vapors and odors from well plugging operations do not constitute a nuisance or hazard.</p> <p>4)Properly abandon flowlines as per Rule 1105. File electronic Form 42 once on location abandonment complete. Within 30 days of an operator completing abandonment requirements for an off-location flowline or crude oil transfer line the operator shall submit a Flowline Report, Form 44.</p> <p>5)Check bradenhead annulus pressure prior to MIRU. Perform a bradenhead test if bradenhead pressure is greater than 25 psi, submit results electronically on a Form 17, and contact COGCC area engineer.  If a well has a bradenhead pressure greater than 25 PSI measured at the time of the test then a sample of both the production and bradenhead gas (if sufficient volume to analyze) shall be collected and submitted for laboratory analysis of the gas composition and stable isotopes. The compositional analysis should include hydrogen, argon, oxygen, carbon dioxide, nitrogen, methane (C1), ethane (C2), ethene, propane (nC3), isobutane (iC4), butane (nC4), isopentane (iC5), pentane (nC5), hexanes +, specific gravity and British Thermal Units (BTU).The stable isotope analysis should include delta DC1, delta 13C1, delta 13C2, delta 13C3, delta 13iC4, delta 13nC4, delta 13iC5 (if possible), delta 13nC5 (if possible), and delta 13C of CO2 (if possible). The analytical results shall be submitted to the COGCC via Form 43 (Analytical Sample Submittal Form).  Gas sample containers should be filled in accordance with container manufacturer or laboratory recommendations; purging multiple container volumes may not be feasible due to limited gas volumes.  If water is encountered in the bradenhead during testing then samples (if sufficient quantity to analyze) should be collected and submitted for the laboratory analysis of major anions (chloride, carbonate, bicarbonate, and sulfate), cations (sodium, potassium, calcium, and magnesium) total dissolved solids (TDS), BTEX, DRO, GRO, and dissolved gasses (RSK 175). If there is a limited amount of water available then anions, cations and BTEX should be given first priority. Data from bradenhead water samples shall be submitted to the COGCC via Form 43.  Please refer to Appendix A of the COGCC Operator Instructions for Bradenhead Testing and Reporting for more information regarding testing and sampling protocol. The operator shall provide notice to Environmental Supervisor Alex Fischer at alex.fischer@state.co.us or 303-894-2100 X 5138 and COGCC Engineer Craig Burger at craig.burger@state.co.us or 970-319-4194, a minimum of 72 hours prior to conducting field operations. Bradenhead testing and sample collection (if applicable). 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>6)Minimum 50' of cement in all annulus from 50' to top prior to cut and cap.</p>
	File form 7 production reporting for 2/2018.

### **Attachment Check List**

Att Doc Num	Name
2597717	WELLBORE DIAGRAM - PROPOSED
402279880	FORM 6 INTENT SUBMITTED
402280064	WELLBORE DIAGRAM

Total Attach: 3 Files

## General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Engineer	<p>Warning letter for MIT. Last production June 2017. Corrective action date 3/31/2020. Added open hole to casing history per doc # 153521. Hole size assumed. Deepest water well within 1 mile is 420'. Based on offset wells the Morapos sandstone, known to contain groundwater in the general area, is not present at this location. Will require perforations and squeeze at 470'. Frontier and Dakota are potential protected water bearing formations at less than 3000'. There is no cement bond log in COGCC's well file for cement coverage verification. Required revisions to proposed procedure: run cement bond log to demonstrate Frontier and Dakota coverage. Move plug from 1500-1800' to 2500 to 2200' if cement isolation is adequate. Perf and squeeze at 2500' with 120 sacks if uncemented. 60 sacks inside 8 5/8" casing is about 200' (ID = 7/9"). Emailed operator for revised wellbore diagram and procedure. 1/16/20: attached revised wellbore diagram provided by operator. Revised plugging procedure..</p>	01/10/2020
Permit	Pass.	01/08/2020
Permit	<ul style="list-style-type: none"><li>-Confirmed as-drilled well location.</li><li>-Production reporting delinquent. Contacted COGCC production department.</li><li>-According to docnum: 153524, 3423'-3437 is the productive open hole.</li><li>- Need both current and proposed WBD. Missing current WBD.</li><li>-Correct formation on zones tab to Sundance.</li><li>-Returned to draft.</li></ul>	01/08/2020

Total: 3 comment(s)