

Document Number:  
401069318

Date Received:  
07/07/2016

**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: 27635 Contact Name: Jack McCartney

Name of Operator: ENERGY SEARCH COMPANY Phone: (303) 830-7208

Address: PO BOX 1896 Fax: (303) 830-7004

City: EDWARDS State: CO Zip: 81632 Email: jack@mccartneyengineering.com

**For "Intent" 24 hour notice required,** Name: Helgeland, Gary Tel: (970) 216-5749

**COGCC contact:** Email: gary.helgeland@state.co.us

API Number 05-001-07298-00 Well Number: 2

Well Name: GINTHER

Location: QtrQtr: SENW Section: 20 Township: 1S Range: 67W Meridian: 6

County: ADAMS Federal, Indian or State Lease Number: \_\_\_\_\_

Field Name: SPINDLE Field Number: 77900

Notice of Intent to Abandon       Subsequent Report of Abandonment

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

Latitude: 39.952045 Longitude: -104.914991

GPS Data:  
Date of Measurement: 06/14/2012 PDOP Reading: 3.0 GPS Instrument Operator's Name: Sarah Burkhalter

Reason for Abandonment:  Dry  Production Sub-economic  Mechanical Problems  
 Other \_\_\_\_\_

Casing to be pulled:  Yes  No Estimated Depth: 1456

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
SUSSEX	5254	5273			

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+1/4	8+5/8	24	214	250	214	0	VISU
2ND	7+7/8	4+1/2	10.5	5,332	200	5,332	4,532	CALC

## Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 5204 with 2 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 55 sks cmt from 1550 ft. to 1355 ft. Plug Type: STUB PLUG Plug Tagged:   
Set 50 sks cmt from 1280 ft. to 1150 ft. Plug Type: OPEN HOLE Plug Tagged:   
Set 50 sks cmt from 637 ft. to 492 ft. Plug Type: OPEN HOLE 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 \_\_\_\_\_ 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  
Perforate and squeeze at \_\_\_\_\_ ft. with \_\_\_\_\_ sacks. Leave at least 100 ft. in casing \_\_\_\_\_ CICR Depth  
(Cast Iron Cement Retainer Depth)  
Set 100 sacks half in. half out surface casing from 264 ft. to 0 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. \_\_\_\_\_ inch casing Plugging Date: \_\_\_\_\_  
of \_\_\_\_\_  
\*Wireline Contractor: \_\_\_\_\_ \*Cementing Contractor: \_\_\_\_\_  
Type of Cement and Additives Used: \_\_\_\_\_  
Flowline/Pipeline has been abandoned per Rule 1103  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: Jack McCartney  
Title: Authorized Agent Date: 7/7/2016 Email: jack@mccartneyengineering.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: BURN, DIANA Date: 7/26/2016

**CONDITIONS OF APPROVAL, IF ANY:** \_\_\_\_\_

Expiration Date: 1/25/2017

<u>COA Type</u>	<u>Description</u>
	<p>NOTE: Changes in plugging procedure - additional plug (1290') and quantities changed. If timing allows for hard tag of 1550' plug, then 1280' plug could be pumped without tagging.</p> <p>1) Provide 48 hour notice of plugging MIRU via electronic Form 42.</p> <p>2) If surface casing plug not circulated to surface then tag plug – must be 160' or shallower and provide 10 sx plug at the surface.</p> <p>3) Properly abandon flowlines as per Rule 1103. File electronic Form 42 once abandonment complete.</p>

### Attachment Check List

<u>Att Doc Num</u>	<u>Name</u>
401069318	FORM 6 INTENT SUBMITTED
401069329	WELLBORE DIAGRAM
401069334	WELLBORE DIAGRAM
401074565	PROPOSED PLUGGING PROCEDURE

Total Attach: 4 Files

### General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Engineer	<p>Lower Arapahoe 4701 5016 146.7 587 272 39.91 NNT Laramie-Fox Hills 4061 4305 221.0 1227 983 53.04 NT</p> <p>used DIL 001-06952 - requested for this well - not in file</p>	7/26/2016 1:55:42 PM
Permit	Pass, missing form 7 from Mar 2015 - present, submit before form 6 subsequent is approved.	7/13/2016 11:42:16 AM
Public Room	Document verification complete	7/8/2016 12:07:42 PM
Permit	Returned to draft. Please attach missing procedure.	7/4/2016 7:14:19 AM

Total: 4 comment(s)