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**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 05-001-06952-00 Well Number: 2  
 Well Name: GINTHER  
 Location: QtrQtr: SWNW 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: 39.952112 Longitude: -104.919630  
 GPS Data:  
 Date of Measurement: 06/14/2012 PDOP Reading: 4.3 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	5226	5276			

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	100	100	100	0	VISU
1ST	7+7/8	4+1/2	9.5	5,317	200	5,317	4,053	CALC

## Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 5176 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 75 sks cmt from 1560 ft. to 1385 ft. Plug Type: OPEN HOLE Plug Tagged:   
Set 60 sks cmt from 1230 ft. to 1080 ft. Plug Type: OPEN HOLE Plug Tagged:   
Set 50 sks cmt from 640 ft. to 495 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 60 sacks half in. half out surface casing from 150 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: CBL shall be run to verify any uphole cement after setting BP/cement top, submit to COGCC for verification of plugging orders if any uphole cement is shown</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 50' 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>
401069258	FORM 6 INTENT SUBMITTED
401069277	WELLBORE DIAGRAM
401069392	WELLBORE DIAGRAM
401074549	PROPOSED PLUGGING PROCEDURE

Total Attach: 4 Files

### General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Engineer	Lower Arapahoe 4726 5034 133.0 532 224 36.17 NNT Laramie-Fox Hills 4080 4337 211.6 1178 921 50.79 NT  WW 1305	7/26/2016 10:21:53 AM
Permit	Pass	7/13/2016 11:06:57 AM
Public Room	Document verification complete	7/8/2016 12:05:15 PM
Permit	Missing plugging procedure.	7/1/2016 3:46:37 PM

Total: 4 comment(s)