

FORM
6Rev
12/05

State of Colorado

Oil and Gas Conservation Commission

1120 Lincoln Street, Suite 801, Denver, Colorado 80203 Phone: (303) 894-2100 Fax: (303) 894-2109



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Document Number:

401068976

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 05-001-06945-00

Well Name: GINTHER

Well Number: 1

Location: QtrQtr: NWNW 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: 39.955687

Longitude: -104.920136

GPS Data:

Date of Measurement: 06/14/2012

PDOP Reading: 4.7

GPS Instrument Operator's Name: Sarah Burkhalter

Reason for Abandonment: ☐ Dry☒ Production Sub-economic☐ Mechanical Problems☐ OtherCasing 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	5219	5236			

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
2ND	7+7/8	4+1/2	9.5	5,276	250	5,276	4,276	CALC

Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 5169 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 <u>40</u> sks cmt from <u>1506</u> ft. to <u>1400</u> ft.	Plug Type: <u>OPEN HOLE</u>	Plug Tagged: <input checked="" type="checkbox"/>
Set <u>75</u> sks cmt from <u>1230</u> ft. to <u>1030</u> ft.	Plug Type: <u>OPEN HOLE</u>	Plug Tagged: <input checked="" type="checkbox"/>
Set <u>60</u> sks cmt from <u>585</u> ft. to <u>440</u> ft.	Plug Type: <u>OPEN HOLE</u>	Plug Tagged: <input checked="" type="checkbox"/>
Set _____ sks cmt from _____ ft. to _____ ft.	Plug Type: _____	Plug Tagged: <input type="checkbox"/>
Set _____ sks cmt from _____ ft. to _____ ft.	Plug Type: _____	Plug Tagged: <input type="checkbox"/>

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: Changes in plugging procedure - additional plug(1230'), quantites changed</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. Leave at least 100' cement in the casing for each plug.</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>
401068976	FORM 6 INTENT SUBMITTED
401069244	WELLBORE DIAGRAM
401069391	WELLBORE DIAGRAM
401074545	PROPOSED PLUGGING PROCEDURE

Total Attach: 4 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Engineer	<p>Lower Arapahoe 4726 5034 133.0 532 224 36.17 NNT</p> <p>Laramie-Fox Hills 4080 4337 211.6 1178 921 50.79 NT</p> <p>DIL zone at 1460'</p> <p>Deepest WW 1270'</p>	7/26/2016 9:04:48 AM
Permit	Pass	7/13/2016 11:05:17 AM
Public Room	Document verification complete	7/8/2016 12:04:29 PM
Permit	Returned to draft. Missing Procedure.	7/1/2016 3:29:54 PM

Total: 4 comment(s)