

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:

401113965

Date Received:

10/17/2016

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: 10474

Contact Name: Bill Davis

Name of Operator: MENDELL FINISTERRE II LLC

Phone: (307) 277-0020

Address: 2162 W EISENHOWER BLVD

Fax: (970) 673-4264

City: LOVELAND State: CO Zip: 80537

Email: rokhamur@comcast.net

For "Intent" 24 hour notice required,

Name: Helgeland, Gary

Tel: (970) 216-5749

COGCC contact:

Email: gary.helgeland@state.co.us

API Number 05-001-08192-00

Well Name: PULIS

Well Number: 12-8

Location: QtrQtr: SESE Section: 12 Township: 1S Range: 68W 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: 39.973659

Longitude: -104.942481

GPS Data:

Date of Measurement: 10/18/2010

PDOP Reading: 2.3

GPS Instrument Operator's Name: Steve Robison

Reason for Abandonment:

☐ Dry☒ Production Sub-economic☐ Mechanical Problems☐ OtherCasing 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: Tubing is stuck and will be shot off and recovered from 4,500'.

Current and Previously Abandoned Zones

Formation	Perf. Top	Perf. Btm	Abandoned Date	Method of Isolation	Plug Depth
SUSSEX	5011	5073			

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	250	180	250	0	VISU
1ST	7+7/8	4+1/2	10.5	5,165	300	5,165	4,138	CBL
			Stage Tool	1,214		1,214	200	CALC

Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 4400 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 _____ 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: ☐
Set _____ sks cmt from _____ ft. to _____ ft. Plug Type: _____ Plug Tagged: ☐

Perforate and squeeze at 1260 ft. with 60 sacks. Leave at least 100 ft. in casing _____ CICR Depth

Perforate and squeeze at 1020 ft. with 80 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 80 sacks half in. half out surface casing from 400 ft. to 200 ft. Plug Tagged: ☒

Set 10 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. of _____ inch casing Plugging Date: _____

*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:

1. The tubing is stuck seemingly fairly deep by tubing stretch measurements. A CIBP w/2 sx cement will be set directly above the shot off tubing stub (Sussex Plug).
2. The casing will be perforated @ 1,300 – 1,303 ft. A 80 sx cement plug will be braden head squeezed, placed and tagged @ 1,303 – 500 f.t (Fox Hills & Arapahoe Plug).
3. A 8 sx cement plug will be placed and tagged @ 300 – 200 ft (Surface Casing Shoe Plug).
4. A 25 sx cement plug will be placed and tagged @ 120 – Surface (Surface Plug).

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

Signed: _____ Print Name: Dee Unruh

Title: Office Manager Date: 10/17/2016 Email: dunruh@mendellenergy.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: 1/11/2017

CONDITIONS OF APPROVAL, IF ANY: _____

Expiration Date: 7/10/2017

<u>COA Type</u>	<u>Description</u>
	<p>NOTE: Changes in plugging procedure. CBL to be run prior to plugging to verify stage tool setting depth and existing coverage - submit to COGCC for verification of plugging orders. Additional plugs required.</p> <p>1) Provide 48 hour notice of plugging MIRU via electronic Form 42.</p> <p>2) For 1260' plug: pump plug and displace - tag plug - must be 1100' or shallower.</p> <p>3) For 1020' plug: pump and displace - tag plug - must be 820' or shallower</p> <p>4) If surface casing plug is perforated at 400', pumped and tagged - must be 200' or shallower and provide 10 sx plug at the surface (inside and outside of casing). Leave at least 100' cement in the casing for each plug.</p> <p>5) Properly abandon flowlines as per Rule 1103. File electronic Form 42 once abandonment complete.</p>
	Prior to initiation of plugging operations, a Bradenhead test shall be performed. If any pressure remains at the conclusion of the test or any liquids were present call COGCC Engineer for sampling requirements. Form 17 shall be submitted within 10 days.

Attachment Check List

<u>Att Doc Num</u>	<u>Name</u>
401113965	FORM 6 INTENT SUBMITTED
401129792	WELLBORE DIAGRAM

Total Attach: 2 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Engineer	Angel indicated through stage tool - CBL to be run to determine coverage - top is guesstimate beyond the BP, a CBL for uphole verification and to confirm approved plugging procedure; perforations under the DV tool with cement circulated (60 sx); perforations at ~1020' and cement for Fox Hills isolation - I think this one needs to be 135 sx (this plug needs to be tagged); perforations at 400' and 80 sx pumped (this plug needs to be tagged and shallower than 200'; place 10 sx at surface inside and outside of casing.	10/26/2016
Engineer	Lower Arapahoe 4799 5029 88.0 350 120 23.94 NNT Laramie-Fox Hills 4178 4425 154.0 971 724 36.95 NT Deepest WW 1145' DIL 1220'	10/26/2016
Permit	Pass.	10/19/2016
Public Room	Document verification complete 10/17/16	10/17/2016
Permit	Returned to draft. Missing the Sussex from the Zones tab. Missing proposed WBD.	10/13/2016

Total: 5 comment(s)