

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:

401294815

Date Received:

06/20/2017

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: 46290

Contact Name: Susana Lara-Mesa

Name of Operator: K P KAUFFMAN COMPANY INC

Phone: (303) 825-4822

Address: 1675 BROADWAY, STE 2800

Fax:

City: DENVER State: CO Zip: 80202

Email: slaramesa@kpk.com

For "Intent" 24 hour notice required,

Name: Helgeland, Gary

Tel: (970) 216-5749

COGCC contact:

Email: gary.helgeland@state.co.us

API Number 05-123-09718-00

Well Name: WALTER HUNZIKER

Well Number: 2

Location: QtrQtr: SESE Section: 28 Township: 2N Range: 67W Meridian: 6

County: WELD

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: 40.103333

Longitude: -104.888693

GPS Data:

Date of Measurement: 07/19/2007

PDOP Reading: 2.2

GPS Instrument Operator's Name: R. Gorka

Reason for Abandonment: ☐ Dry ☐ Production Sub-economic ☒ Mechanical Problems☐ OtherCasing to be pulled: ☒ Yes☐ No

Estimated Depth: 3500

Fish in Hole: ☐ Yes☒ No

If yes, explain details below

Wellbore has Uncemented Casing leaks: ☐ Yes☒ No

If yes, explain details below

Details: While drilling an offset horizontal, another operator pumped several hundred feet of cement into the wellbore causing the well to be inoperable. There are 143' of cement inside the casing over the perms.

Current and Previously Abandoned Zones

Formation	Perf. Top	Perf. Btm	Abandoned Date	Method of Isolation	Plug Depth
SUSSEX	4678	4750	11/13/2015	CEMENT	

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	232	200	232	0	VISU
1ST	7+7/8	4+1/2	10.5	4,850	200	4,850	4,450	CALC

Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth _____ with _____ sacks cmt on top. CIPB #2: Depth _____ with _____ sacks cmt on top.
CIBP #3: Depth _____ with _____ sacks cmt on top. CIPB #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 60 sks cmt from 3550 ft. to 3450 ft. Plug Type: STUB PLUG Plug Tagged: ☒
Set 60 sks cmt from 1000 ft. to 900 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: ☐
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 50 sacks half in. half out surface casing from 282 ft. to 80 ft. Plug Tagged: ☒

Set 20 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: Susana Lara-Mesa

Title: VP Engineering Date: 6/20/2017 Email: slaramesa@kpk.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: McCoy, Diane Date: 6/23/2017

CONDITIONS OF APPROVAL, IF ANY:

Expiration Date: 12/22/2017

<u>COA Type</u>	<u>Description</u>
	<p>1) Prior to starting plugging operations a bradenhead test shall be performed. If the beginning pressure is greater than 25 psi, or if pressure remains at the conclusion of the test, or if any liquids were present contact COGCC Engineer for sampling requirements. The Form 17 shall be submitted within 10 days of the test.</p> <p>2) Provide 48 hour notice of plugging MIRU via electronic Form 42.</p> <p>3) Properly abandon flowlines as per Rule 1103. File electronic Form 42 once abandonment complete.</p> <p>4) Tag existing cement in wellbore to confirm cement is at least 50' above top perforation. Submit wireline tickets to with Form 6 Subsequent. Leave at least 100' of cement in the wellbore for each plug.</p>

Attachment Check List

<u>Att Doc Num</u>	<u>Name</u>
401294815	FORM 6 INTENT SUBMITTED
401294819	WELLBORE DIAGRAM
401294823	PROPOSED PLUGGING PROCEDURE

Total Attach: 3 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Engineer	<p>Made changes to plug listed as casing plug from 232-80'. This is now listed as half-in half-out surface casing. This plug must be at least 50' below the surface casing shoe, the depth was changed to 282-80'. This plug must be tagged at 180' or shallower.</p> <p>Changed plug from 1000-950' listed as a stub plug to open hole plug and increased plug length to 1000-900'. All plugs should be at least 100' in length. This plug will provide isolation for the aquifers.</p> <p>Changed stub plug to be from 3550-3450'. Stub plugs are required to have cement half-in (50' below, inside the casing) and half-out (50' above) the casing stub.</p>	06/20/2017
Engineer	<p>Possible stage tool at 660'- no indication cement was ever pumped through.</p> <p>No CBL on file for this well.</p>	06/20/2017
Engineer	<p>on hold- emailed Operator: Do you have a CBL for the subject named well? Also, do you have wireline tickets that show the depth you tagged the cement that is in wellbore or how do you know there is 143' of cement above the perfs?</p> <p>All plugs are required to be at least 100' in length. Stub plugs are required to be at least 50' into the casing stub and 50' above the stub. Surface casing shoe plugs are required to be at least 50' below the depth of the shoe. Most plugs placed without mechanical devices need to be tagged to verify their placement. Several changes will need to be made to this Form 6 Intent.</p>	06/20/2017
Public Room	Document verification complete 06/20/17	06/20/2017

Total: 4 comment(s)