

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: 10531 Contact Name: Michael Frow
 Name of Operator: VANGUARD OPERATING LLC Phone: (970) 876-2341
 Address: 5847 SAN FELIPE #3000 Fax: _____
 City: HOUSTON State: TX Zip: 77057 Email: mfrow@vnrl.com

For "Intent" 24 hour notice required, Name: Murray, Richard Tel: (970) 623-9782
 COGCC contact: Email: g.richard.murray@state.co.us

API Number 05-045-21114-00 Well Number: 32A-23-692
 Well Name: Dixon Federal
 Location: QtrQtr: SENW Section: 23 Township: 6S Range: 92W Meridian: 6
 County: GARFIELD Federal, Indian or State Lease Number: COC15976
 Field Name: MAMM CREEK Field Number: 52500

Notice of Intent to Abandon Subsequent Report of Abandonment

Only Complete the Following Background Information for Intent to Abandon

Latitude: 39.514545 Longitude: -107.634912
 GPS Data:
 Date of Measurement: 08/06/2010 PDOP Reading: 6.0 GPS Instrument Operator's Name: James Kalmon
 Reason for Abandonment: Dry Production Sub-economic Mechanical Problems
 Other Expiring Reclamation Extension
 Casing 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: _____

Current and Previously Abandoned Zones

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

Total: 0 zone(s)

Casing History

Casing Type	Size of Hole	Size of Casing	Weight Per Foot	Setting Depth	Sacks Cement	Cement Bot	Cement Top	Status
CONDUCTOR	24	14	36	62		62	0	CALC
SURF	12+1/4	9+5/8	36	815	240	837	0	VISU

Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 82 with 20 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 _____ 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 _____ sacks half in. half out surface casing from _____ ft. to _____ 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. 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:

Vanguard Operating LLC, is proposing to P&A the subject well in August 2016. Please find attached the current and proposed wellbore diagrams. The following is the proposed plugging procedure:

1. Move In Rig Up (MIRU) well service unit (WSU)
2. Set cast iron bridge plug @ 82' KB (60' MD)
3. Pump 4.25 bbl cement (20 sacks)
4. Top of cement @ 27' KB (5' MD)
5. Cut off surface casing (9-5/8" 36# J-55) and conductor (14") a minimum of 4' below grade [\geq 26' KB (4' MD)]
6. Weld plate over casing cut off
7. Backfill with material and place dry hole marker on surface

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

Signed: _____ Print Name: Crissy Venturo

Title: Regulatory Analyst Date: 8/15/2016 Email: cventuro@progressivepcs.net

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: BURGER, CRAIG Date: 8/17/2016

CONDITIONS OF APPROVAL, IF ANY: _____ Expiration Date: 2/16/2017

<u>COA Type</u>	<u>Description</u>
	1)Provide 48 hour notice of plugging MIRU via electronic Form 42. 2)If present, properly abandon flowlines per Rule 1103. File electronic Form 42 when flowline abandonment is complete.

Attachment Check List

<u>Att Doc Num</u>	<u>Name</u>
401092443	FORM 6 INTENT SUBMITTED
401093818	WELLBORE DIAGRAM
401093820	WELLBORE DIAGRAM

Total Attach: 3 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Public Room	Document verification complete	8/17/2016 12:58:36 PM
Engineer	Revised casing information to match Drilling Completion Report. Changed attachment name to Wellbore Diagram. Conductor depth is from kelly bushing of 22'.	8/16/2016 10:07:22 AM
Permit	Post-plug wellbore diagram is Well Abandonment Report. Form 7 OK.	8/16/2016 8:23:43 AM

Total: 3 comment(s)