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 Date Received:

**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: 10548 Contact Name: Terry Pape  
 Name of Operator: HRM RESOURCES II LLC Phone: (970) 768-5700  
 Address: 410 17TH STREET #1600 Fax: (303) 893-6892  
 City: DENVER State: CO Zip: 80202 Email: tpape@hrmres.com

**For "Intent" 24 hour notice required,** Name: Montoya, John Tel: (970) 397-4124  
**COGCC contact:** Email: john.montoya@state.co.us

API Number 05-123-10339-00  
 Well Name: VICTOR STATE Well Number: 1  
 Location: QtrQtr: NWSW Section: 20 Township: 2N Range: 62W Meridian: 6  
 County: WELD Federal, Indian or State Lease Number: 70-7813  
 Field Name: ROGGEN Field Number: 74310

Notice of Intent to Abandon  Subsequent Report of Abandonment

*Only Complete the Following Background Information for Intent to Abandon*

Latitude: 40.122110 Longitude: -104.354588  
 GPS Data:  
 Date of Measurement: 10/25/2010 PDOP Reading: 3.9 GPS Instrument Operator's Name: PFS\_GJB  
 Reason for Abandonment:  Dry  Production Sub-economic  Mechanical Problems  
 Other \_\_\_\_\_  
 Casing to be pulled:  Yes  No Estimated Depth: 5500  
 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
J SAND	6975	6981			
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	590	350	580		VISU
1ST	7+7/8	4+1/2	11.6	7,070	250	7,070	5,687	CALC

## Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 6925 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 50 sks cmt from 5550 ft. to 5344 ft. Plug Type: STUB PLUG 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 50 sacks half in. half out surface casing from 640 ft. to 478 ft. Plug Tagged:

Set 30 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:

#### PLUGGING PROCEDURE:

1. MIRU equipment, ND WH, NU BOP. TOH and tally 5,550' of tubing to derrick.
2. RU wireline, PU 4-1/2" 11.6# CIBP, TIH to 6,925' and set, TOH.
3. TIH and CDB 2 sacks of 15.8# Class G neat 1.15 cu ft/sack yield cement on top. TOH (2 sx = 26' in 4-1/2" csg, TOC @ 6,899')
4. Load wellbore with water, pressure test casing to 500 psi for 5 minutes. (If test fails call HRM Terry Pape and Craig Owen for orders).
5. TIH w/wireline. Run CBL from 6,600' to surface to verify cement. TOH, RD wireline. (Submit CBL to Diana Burn, COGCC, diana.burn@state.co.us)
6. RU casing tools. Unland casing, stretch and determine freepoint.
7. RU wireline, TIH and cut casing at freepoint (about 5,500'), TOH, RD wireline.
8. TOH and LD casing, RD casing tools.
9. TIH to 5,550', (50' in csg stub).
10. Pump 50 sx of 15.8# Class G neat 1.15 cu ft/sack yield cement (4 sx = 50' in 4-1/2", 46 sx = 156' in 7-7/8", TOC @ 5,344').
11. TOH and LD to 640'.
12. Pump 50 sx of 15.8# class G neat 1.15 cu ft/sack yield cement (15 sx = 50' in 7-7/8", 35 sx = 112' in 8-5/8", TOC @ 478').
13. TOH, WOC 4 hours, TIH and tag to verify top of cement at 490' or shallower.
14. TOH and LD to 100'.
15. Pump 30 sx of 15.8# class G neat 1.15 cu ft/sack yield cement to surfac.e
16. TOH and LD tubing, Dig up wellhead and cut off 3' below restored ground level, top off if necessary.
17. Weld on cap with ID plate, backfill, clean-up location.

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

Signed: \_\_\_\_\_

Print Name: April Prohaska

Title: Prod Tech

Date: \_\_\_\_\_

Email: aprohaska@hrmres.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: \_\_\_\_\_

Date: \_\_\_\_\_

**CONDITIONS OF APPROVAL, IF ANY:** \_\_\_\_\_

Expiration Date: \_\_\_\_\_

<u>COA Type</u>	<u>Description</u>

**Attachment Check List**

<u>Att Doc Num</u>	<u>Name</u>
401024796	WELLBORE DIAGRAM
401024797	WELLBORE DIAGRAM

Total Attach: 2 Files

**General Comments**

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>

Total: 0 comment(s)