

Document Number:  
401320651

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: gpayne@hmrres.com

**For "Intent" 24 hour notice required,** Name: Sherman, Susan Tel: (719) 775-1111  
 COGCC contact: Email: susan.sherman@state.co.us

API Number 05-121-08901-00 Well Number: 2  
 Well Name: SCHEETZ  
 Location: QtrQtr: NWSW Section: 23 Township: 3S Range: 52W Meridian: 6  
 County: WASHINGTON Federal, Indian or State Lease Number: \_\_\_\_\_  
 Field Name: KACHINA Field Number: 42925

Notice of Intent to Abandon  Subsequent Report of Abandonment

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

Latitude: 39.775810 Longitude: -103.178710  
 GPS Data:  
 Date of Measurement: 09/17/2008 PDOP Reading: 2.5 GPS Instrument Operator's Name: EMILIO HERNANDEZ  
 Reason for Abandonment:  Dry  Production Sub-economic  Mechanical Problems  
 Other \_\_\_\_\_  
 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
J SAND	4290	4298	05/30/2017	B PLUG CEMENT TOP	4240
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+3/4	8+5/8	24	126	120	126	0	VISU
1ST	7+7/8	5+1/2	15.5	4,347	125	4,347	418	CALC

## Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 4240 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 3320 ft. with 20 sacks. Leave at least 100 ft. in casing \_\_\_\_\_ CICR Depth  
 Perforate and squeeze at 260 ft. with 90 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 78 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: 05/30/2017  
 \*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:

5/23/17: MI P&A Equipment.  
 5/24/17: RU P&A Equipment, Bradenhead Test, LD rods & LD TBG, SWI.  
 5/25/17: MIRU Ranger WL, RIH w/JBGR @ 4290', POOH, RDWL, SWI Due to severe thunderstorm.  
 5/26/17: RU Ranger WL, RIH w/10K CIBP & set @ 4240', POOH, load hole w/75 BBL's water & pressure test CSG/CIBP to 500 psi for 5 mins, RIH w/CDB w/2 SXS & 4240', POOH, RIH w/SQ gun & perforate @ 3320', POOH, RDWL, TIH w/TBG @ 3384', try to establish IR thru perforations @ 3320' & pressured up to 1300 psi and held, call Diana Burn w/COGCC for orders, establish circulation, mix & pump 20 SXS of 15.8 # CGC & displace, plug from 3384' - 3212', LD TBG, RU WL, RIH w/SQ gun & perforate @ 260', POOH, RDMO WL, establish circulation down 5.5" CSG thru perforations @ 260' up annulus, mix & pump 90 SXS of 15.8 # CGC to surface, SWI.  
 5/30/17: Tag TOC inside 5.5" CSG @ 75', RD P&A equipment, dig well up, cut surface head off @ 5' below ground surface, tag TOC inside annulus @ 60' from surface, 1" annulus w/10 SXS of 15.8 # CGC to surface & 1" 5.5" CSG w/8 SXS of 15.8 # CGC to surface, cap well 5' below ground surface w/info plate, backfill, P&A complete.

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

Signed: \_\_\_\_\_ Print Name: Gina Payne  
 Title: Production Tech Date: \_\_\_\_\_ Email: gpayne@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:** \_\_\_\_\_

<b>COA Type</b>	<b>Description</b>

**Attachment Check List**

<b>Att Doc Num</b>	<b>Name</b>
401320714	OPERATIONS SUMMARY
401320719	WIRELINE JOB SUMMARY
401320736	WIRELINE JOB SUMMARY

Total Attach: 3 Files

**General Comments**

<b>User Group</b>	<b>Comment</b>	<b>Comment Date</b>
		Stamp Upon Approval

Total: 0 comment(s)