

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:

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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: Gomez, Jason

Tel: (970) 573-1277

**COGCC contact:**

Email: jason.gomez@state.co.us

API Number 05-123-23262-00

Well Name: INDIAN TREE

Well Number: 32-9

Location: QtrQtr: SWNE

Section: 9

Township: 6N

Range: 66W

Meridian: 6

County: WELD

Federal, Indian or State Lease Number:

Field Name: EATON

Field Number: 19350

☒ Notice of Intent to Abandon☐ Subsequent Report of Abandonment

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

Latitude: 40.504210

Longitude: -104.780190

GPS Data:

Date of Measurement: 09/30/2010

PDOP Reading: 1.8

GPS Instrument Operator's Name: Tim Wheelock

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:

### Current and Previously Abandoned Zones

Formation	Perf. Top	Perf. Btm	Abandoned Date	Method of Isolation	Plug Depth
NIOBRARA	6990	7128			
CODELL	7286	7304	01/07/2014	BRIDGE PLUG	7236

Total: 2 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	767	540	767		CALC
1ST	7+7/8	4+1/2	11.6	7,240	460	7,420	3,200	CBL

## Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 6940 with 10 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 10 sks cmt from 4460 ft. to 4329 ft. Plug Type: CASING 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 62 sacks half in. half out surface casing from 817 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:

Well TA 1/7/2014, CBP set at 7236 and 6940.

#### PROPOSED PLUGGING PROCEDURE:

1. Conduct pre-job safety meeting and complete daily JSA
2. Prior to MIRU, check rig anchors and record initial shut-in pressures on tubing and casing
3. Blow down well if necessary
4. Dig out around wellhead and check surface annulus for pressure and record  
(If pressure is present call Terry Pape 970-768-5700 and Craig Owen 970-646-3933 for orders)
5. MIRU P&A equipment, NDWH, NUBOP
6. PU 6,940' of 2-3/8" 4.7# work-string, TIH to 6,940' and tag existing CBP
7. Load and circulate wellbore, pressure test casing to 500 psi for 5 minutes (If test fails call Terry Pape and Craig Owen for orders)
8. Pump 10 sxs of 15.8# class G neat 1.15 cu.ft./sack yield cement on top (10 sxs is 131' in 4-1/2", TOC: 6,809')
9. TOH and LD to 6,700', reverse circulate tubing clean
10. TOH and LD to 4,460' (50' below Sussex for balance plug)
11. Pump 10 sxs of 15.8# class G neat 1.15 cu.ft./sack yield cement (10 sxs is 131' in 4-1/2", TOC: 4,329')
12. TOH and LD to 4,200', reverse circulate tubing clean
13. TOH and LD to 817' (50' below surface casing shoe), establish circulation to surface
14. Circulate 62 sxs of 15.8# class G neat 1.15 cu.ft./sack yield cement to surface
15. TOH and LD tubing, RDMO, dig out and cut off wellhead, verify cement at surface, top off if necessary
16. Weld on cap with ID plate, backfill, clean location

Intend to begin plugging operations as soon as approved to accomodate landowner agricultural needs.

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: \_\_\_\_\_

**COA Type**

**Description**

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**Attachment Check List**

**Att Doc Num**

**Name**

401068559	WELLBORE DIAGRAM
401068560	WELLBORE DIAGRAM

Total Attach: 2 Files

**General Comments**

**User Group**

**Comment**

**Comment Date**

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Total: 0 comment(s)