

Document Number:  
400650236

Date Received:  
07/24/2014

**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: 10399 Contact Name: Joyce Henkin  
 Name of Operator: NIGHTHAWK PRODUCTION LLC Phone: (303) 407-9609  
 Address: 1805 SHEA CENTER DR #290 Fax: (303) 407-8790  
 City: HIGHLANDS State: CO Zip: 80129 Email: joycehenkin@nighthawkenergy.com

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

API Number 05-073-06321-00 Well Number: 10-5  
 Well Name: JOLLY RANCH  
 Location: QtrQtr: NWSE Section: 5 Township: 13S Range: 55W Meridian: 6  
 County: LINCOLN Federal, Indian or State Lease Number: \_\_\_\_\_  
 Field Name: JOLLY RANCH Field Number: 42640

Notice of Intent to Abandon       Subsequent Report of Abandonment

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

Latitude: 38.943330 Longitude: -103.576950  
 GPS Data:  
 Date of Measurement: 12/17/2009 PDOP Reading: 1.9 GPS Instrument Operator's Name: ROBERT J RUBINO  
 Reason for Abandonment:  Dry  Production for Sub-economic  Mechanical Problems  
 Other \_\_\_\_\_  
 Casing to be pulled:  Yes  No Estimated Depth: 7554  
 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
MARMATON	6601	6632	05/23/2012	B PLUG CEMENT TOP	6600
ATOKA	6934	7270	04/22/2010	BRIDGE PLUG	6900

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	17+1/2	13+3/8	54.5	379	325	379	0	VISU
S.C. 1.1	7+7/8	4+1/2	11.6	7,554	380	7,554	5,110	CBL
S.C. 1.2	7+7/8	4+1/2	11.6	7,554	100	3,905	2,430	CBL

## Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 6400 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 20 sks cmt from 3800 ft. to 3540 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 350 sacks half in. half out surface casing from 429 ft. to 0 ft. Plug Tagged:

Set 10 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:

Excello & Tebo B formation not available in the drop down boxes  
6,694' - 6,802' Bridge plug set on 5/19/2012 with 2 sks of cement @ 6,685'

Atoka 6,920' - 7,301' was squeezed on 2/22/10 and reperfed 6,934' - 7,270' on 2/26/2012 (Could not duplicate zone)

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

Signed: \_\_\_\_\_ Print Name: Joyce Henkin

Title: Production Tech Date: 7/24/2014 Email: joycehenkin@nighthawkenery.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: \_\_\_\_\_

## Attachment Check List

<u>Att Doc Num</u>	<u>Name</u>
400650236	FORM 6 INTENT SUBMITTED
400651702	WELLBORE DIAGRAM
400651703	WELLBORE DIAGRAM
400651707	PROPOSED PLUGGING PROCEDURE

Total Attach: 4 Files

## General Comments

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

Total: 0 comment(s)