

**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.

Document Number:  
400311433

Date Received:  
08/01/2012

OGCC Operator Number: 74770 Contact Name: John Niernberger  
 Name of Operator: RITCHIE EXPLORATION INC Phone: (316) 691-9520  
 Address: P O BOX 783188 Fax: (316) 691-9550  
 City: WICHITA State: KS Zip: 67278- Email: jniernberger@ritchie-exp.com

**For "Intent" 24 hour notice required,** Name: QUINT, CRAIG Tel: (719) 767-8939  
**COGCC contact:** Email: craig.quint@state.co.us

API Number 05-063-06344-00 Well Number: 1  
 Well Name: HORNUNG 34B  
 Location: QtrQtr: NENW Section: 34 Township: 10S Range: 46W Meridian: 6  
 County: KIT CARSON Federal, Indian or State Lease Number: \_\_\_\_\_  
 Field Name: WILDCAT Field Number: 99999

Notice of Intent to Abandon       Subsequent Report of Abandonment

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

Latitude: 39.138520 Longitude: -102.533900  
 GPS Data:  
 Date of Measurement: 01/26/2012 PDOP Reading: 2.5 GPS Instrument Operator's Name: Elijah Frane  
 Reason for Abandonment:  Dry     Production for Sub-economic     Mechanical Problems  
 Other \_\_\_\_\_  
 Casing to be pulled:  Yes     No    Estimated Depth: 5954  
 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
SURF	12+1/4	8+5/8	23	440	285	440	0	VISU

## Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth \_\_\_\_\_ with \_\_\_\_\_ 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 40 sks cmt from 5600 ft. to 5480 ft. Plug Type: OPEN HOLE Plug Tagged:   
Set 40 sks cmt from 3100 ft. to 3000 ft. Plug Type: OPEN HOLE Plug Tagged:   
Set 40 sks cmt from 2300 ft. to 2180 ft. Plug Type: OPEN HOLE Plug Tagged:   
Set 40 sks cmt from 1600 ft. to 1480 ft. Plug Type: OPEN HOLE 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 40 sacks half in. half out surface casing from 500 ft. to 380 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 5 sacks in rat hole Set 5 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:

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

Signed: \_\_\_\_\_ Print Name: John Niernberger

Title: Production Manager Date: 8/1/2012 Email: jniernberger@ritchie-exp.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: SUTPHIN, DIRK Date: 8/14/2012

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

Expiration Date: 2/13/2013

Operator must provide a form 5 well completion report prior to plugging this well.

Prior to submitting the subsequent form 6 for plugging the well, Panther Energy company must locate this well using GPS technology described in COGCC Rule 215. This must be done prior to plugging the well as stated in the AS-BUILT LOCATION POLICY amended October 31 2005.

### Attachment Check List

Att Doc Num	Name
2532960	WELLBORE DIAGRAM
2532961	WELLBORE DIAGRAM
400311433	FORM 6 INTENT SUBMITTED

Total Attach: 3 Files

### General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Engineer	Moved the plug proposed at 3600'-3450' up to 3100'-3000' to set this plug between the Blaine and Cheyenne. Well was a dry hole (no casing except surface was set). Dry hole orders on the APD.	8/14/2012 1:16:33 PM
Permit	Operator is states it will send the form 5 when it receives the cement ticket.	8/13/2012 6:30:40 AM
Permit	Operator submitted the wellbore diagrams.	8/13/2012 6:23:47 AM
Permit	Waiting on a wellbore diagram that shows current configuration with the proposed cement plugs added.	3/8/2012 6:00:39 AM

Total: 4 comment(s)