

Document Number:  
401590474

Date Received:  
03/29/2018

**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: 10369 Contact Name: Jubal Terry

Name of Operator: NATURAL RESOURCE GROUP INC Phone: (303) 797-5417

Address: 801 WEST MINERAL AVE STE 202 Fax: (303) 797-5418

City: LITTLETON State: CO Zip: 80120 Email: Jterry@diversifiedresourcesinc.com

**For "Intent" 24 hour notice required,** Name: Duran, John Tel: (719) 846-4715

**COGCC contact:** Email: john.duran@state.co.us

API Number 05-071-07235-00

Well Name: GARCIA Well Number: 4-12

Location: QtrQtr: NWSW Section: 4 Township: 34S Range: 62W Meridian: 6

County: LAS ANIMAS Federal, Indian or State Lease Number: \_\_\_\_\_

Field Name: GARCIA Field Number: 27950

Notice of Intent to Abandon       Subsequent Report of Abandonment

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

Latitude: 37.109190 Longitude: -104.355900

GPS Data:  
Date of Measurement: 09/18/2014 PDOP Reading: 1.2 GPS Instrument Operator's Name: John Stoddard

Reason for Abandonment:  Dry  Production Sub-economic  Mechanical Problems  
 Other \_\_\_\_\_

Casing to be pulled:  Yes  No Estimated Depth: 2310

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-TIMPAS	1288	1952			

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	10+3/4	8+5/8	44	166	100	166	0	VISU
1ST	7+7/8	4+1/2	9.5	2,310	340	2,310	1,328	CBL
S.C. 1.1				0	200	970	0	CALC

## 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 25 sks cmt from 1990 ft. to 1890 ft. Plug Type: CASING Plug Tagged:   
Set 25 sks cmt from 1388 ft. to 1188 ft. Plug Type: CASING Plug Tagged:   
Set 25 sks cmt from 216 ft. to 0 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:   
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 \_\_\_\_\_ sacks half in. half out surface casing from \_\_\_\_\_ 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. \_\_\_\_\_ inch casing Plugging Date: \_\_\_\_\_  
of \_\_\_\_\_  
\*Wireline Contractor: \_\_\_\_\_ \*Cementing Contractor: \_\_\_\_\_  
Type of Cement and Additives Used: \_\_\_\_\_  
Flowline/Pipeline has been abandoned per Rule 1105  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: Jubal Terry  
Title: VP Exploration Date: 3/29/2018 Email: Jterry@diversifiedresourcesinc.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: 5/18/2018

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

Expiration Date: 11/17/2018

<b>COA Type</b>	<b>Description</b>
	<p>Bradenhead:  Prior to starting plugging operations a Bradenhead test shall be performed. The Form 17 shall be submitted within 10 days of the test.</p> <p>1) If, before opening the Bradenhead valve, the beginning pressure is greater than 25 psi, sampling is required.  2) If pressure remains at the conclusion of the test, or if any liquids were present during the test, sampling is required.  Sampling shall comply with Operator Guidance - Bradenhead Testing and Reporting Instructions, Appendix A: Liquid and Gas Sampling.</p>
	<p>1) Provide 48 hour notice of MIRU via electronic Form 42.  2) Shoe plug: Cement casing and annulus 216-116'.  3) Surface plug: Cement casing and annulus 50' to surface.  4) Properly abandon flowlines per Rule 1103. File Form 42 when done.</p>

### **Attachment Check List**

<b>Att Doc Num</b>	<b>Name</b>
401590474	FORM 6 INTENT SUBMITTED
401591483	WELLBORE DIAGRAM
401591503	WELLBORE DIAGRAM

Total Attach: 3 Files

### **General Comments**

<b>User Group</b>	<b>Comment</b>	<b>Comment Date</b>
Engineer	<p>Casing: 4.5" TOC is 1328' CBL. WBD says 200 sks was pumped down backside. This was done on 9/20/06 Sundry Notice #1320347. Calculated length of annulus cement 0-970'.  Plugging: Increased length of 25 sk plug across perf at 1288': 1388-1188' (100' below to 100' above perf at 1288'). Moved shoe/surface plug to casing plugs to clarify that it must go from 50' below surface casing to surface (216-0').</p>	05/18/2018
Well File Verification	Pass	04/13/2018
Permit	Corrected GPS data and zones tab, per conversation with operator, 4/3/2018.	04/03/2018
Permit	Contacted operator to discuss GPS data and zones tab data.	03/30/2018

Total: 4 comment(s)