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**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: 10084 Contact Name: Judy Glinisty  
 Name of Operator: PIONEER NATURAL RESOURCES USA INC Phone: (303) 675-2658  
 Address: 1401 17TH ST STE 1200 Fax: (303) 294-1275  
 City: DENVER State: CO Zip: 80202 Email: Judy.Glinisty@pxd.com

**For "Intent" 24 hour notice required,** Name: \_\_\_\_\_ Tel: \_\_\_\_\_  
 COGCC contact: Email: \_\_\_\_\_

API Number 05-071-06114-00 Well Number: 21-14  
 Well Name: M F WIRTZ  
 Location: QtrQtr: NENW Section: 14 Township: 32S Range: 68W Meridian: 6  
 County: LAS ANIMAS Federal, Indian or State Lease Number: \_\_\_\_\_  
 Field Name: PURGATOIRE RIVER Field Number: 70830

Notice of Intent to Abandon  Subsequent Report of Abandonment

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

Latitude: 37.264580 Longitude: -104.967823  
 GPS Data:  
 Date of Measurement: 07/15/2008 PDOP Reading: 2.8 GPS Instrument Operator's Name: Adrian Valdez  
 Reason for Abandonment:  Dry  Production for 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
RATON COAL	2094	2655	12/31/2004	BRIDGE PLUG	2000
VERMEJO COAL	2658	3236	12/31/2004	BRIDGE PLUG	2500
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	9+5/8	36	400	225	400	0	CALC
1ST	7+5/8	5+1/2	15.5	3,402	533	3,402	0	CBL

## Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 2500 with 5 sacks cmt on top. CIPB #2: Depth 2000 with 5 sacks cmt on top.  
 CIBP #3: Depth \_\_\_\_\_ with \_\_\_\_\_ sacks cmt on top. CIPB #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 1050 ft. with 40 sacks. Leave at least 100 ft. in casing \_\_\_\_\_ CICR Depth  
 Perforate and squeeze at 450 ft. with 40 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 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: 4 ft. of 5+1/2 inch casing Plugging Date: 12/31/2004  
 \*Wireline Contractor: Patterson Wireline \*Cementing Contractor: Pioneer Pumping Services  
 Type of Cement and Additives Used: Vermejo #5  
 Flowline/Pipeline has been abandoned per Rule 1103  Yes  No \*ATTACH JOB SUMMARY

Technical Detail/Comments:

PIONEER WAS RECENTLY NOTIFIED VIA OUR PRODUCTION DEPARTMENT THAT A FINAL FORM 6, SUBSEQUENT REPORT OF ABANDONMENT, WAS NEVER FILED WITH THE COGCC WHEN THE WELL WAS ABANDONED BACK IN DECEMBER, 2004. THE JOB TICKET FOR THE PLUG & ABANDON CANNOT BE LOCATED DUE TO THE NUMBER OF YEARS THAT HAVE PASSED AS WELL AS A CHANGE IN ENGINEERING PERSONNEL.

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

Signed: \_\_\_\_\_ Print Name: Bryant Morris  
 Title: Sr Staff Operations Engr Date: 7/25/2013 Email: Bryant.Morris@pxd.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: 12/20/2013

**CONDITIONS OF APPROVAL, IF ANY:**

COA Type	Description

## Attachment Check List

<u>Att Doc Num</u>	<u>Name</u>
400454430	FORM 6 SUBSEQUENT SUBMITTED
400455183	WELLBORE DIAGRAM
400455185	CEMENT JOB SUMMARY
400455191	CEMENT JOB SUMMARY
400455194	CEMENT JOB SUMMARY

Total Attach: 5 Files

## General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Engineer	Cement job summaries attached missing wireline tickets for CIBP's per explanation accepted.	12/20/2013 10:02:52 AM

Total: 1 comment(s)