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Document Number:  
2172224

Date Received:  
10/04/2012

**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: 10081 Contact Name: EVALYN KAHILA  
 Name of Operator: WINDSOR ENERGY GROUP LLC Phone: (307) 686-0891  
 Address: 14301 CALIBER DR - SUITE 300 Fax: (307) 686-0892  
 City: OKLAHOMA CITY State: OK Zip: 73134 Email: EKAHILA@WINDSORENERGY.COM

**For "Intent" 24 hour notice required,** Name: NEIDEL, KRIS Tel: (970) 819-9609  
**COGCC contact:** Email: kris.neidel@state.co.us

API Number 05-103-08430-00 Well Number: 1-21  
 Well Name: RAINBOW-CONTINENTAL  
 Location: QtrQtr: SENE Section: 21 Township: 3S Range: 100W Meridian: 6  
 County: RIO BLANCO Federal, Indian or State Lease Number: 44419  
 Field Name: CATHEDRAL Field Number: 10330

Notice of Intent to Abandon  Subsequent Report of Abandonment

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

Latitude: 39.775800 Longitude: -108.616200  
 GPS Data:  
 Date of Measurement: 07/11/2001 PDOP Reading: 0.0 GPS Instrument Operator's Name: TWIN ARROW  
 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
MANCOS A	2792	2804	08/07/2009	B PLUG CEMENT TOP	2692

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	12+1/4	8+5/8	36	95	100	95	0	
1ST	8+3/4	7	26	527	100	527	0	
2ND	6+1/4	4+1/2	10.5	3,577	110	3,577	2,125	

## Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 2692 with 5 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 272 sks cmt from 2630 ft. to 775 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 577 ft. with 210 sacks. Leave at least 100 ft. in casing 577 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. of \_\_\_\_\_ inch casing Plugging Date: 08/07/2009  
\*Wireline Contractor: SCHNEIDER/JW WIRELINE \*Cementing Contractor: PRO PETRO  
Type of Cement and Additives Used: CLASS G NEAT CEMENT  
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: EVALYN KAHILA  
Title: OPERATIONS TECH Date: 10/1/2012 Email: EKAHILA@WINDSORENERGY.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: JENKINS, STEVE Date: 1/17/2013

### CONDITIONS OF APPROVAL, IF ANY:

### Attachment Check List

Att Doc Num	Name
2172224	FORM 6 SUBSEQUENT SUBMITTED
2172225	WELLBORE DIAGRAM
2172226	OPERATIONS SUMMARY
2172227	OTHER
2172228	OTHER

Total Attach: 5 Files

### General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Permit	off hold; no PDOP value available. entered 0.0 value.	10/10/2012 8:43:04 AM
Permit	old style comp. rept. #386061 sub. 1/30/80 meets form 5/5A requirements. on hold pending PDOP value.	10/9/2012 7:53:45 AM

Total: 2 comment(s)