

<b>FORM</b> <b>6</b> Rev 12/05	<b>State of Colorado</b> <b>Oil and Gas Conservation Commission</b> 1120 Lincoln Street, Suite 801, Denver, Colorado 80205 Phone: (303) 894-2100 Fax: (303) 894-2109		DE   ET   OE   ES
			Date Received:  06/14/2011  Document Number:  2567267

**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: <u>8667</u>	Contact Name: <u>TOM MELLAND</u>
Name of Operator: <u>PETROGLYPH ENERGY INC</u>	Phone: <u>(719) 742-5570</u>
Address: <u>555 S COLE RD</u>	Fax: <u>(719) 742-5571</u>
City: <u>BOISE</u> State: <u>ID</u> Zip: <u>83707</u>	Email: <u>TMELLAND@PGEI.COM</u>
<b>For "Intent" 24 hour notice required, COGCC contact:</b>	
Name: <u>DURAN, JOHN</u>	Tel: <u>(719) 846-4715</u>
Email: <u>john.duran@state.co.us</u>	

API Number: <u>05-055-06216-00</u>	Well Number: <u>4W</u>
Well Name: <u>STATE</u>	
Location: QtrQtr: <u>NENW</u> Section: <u>36</u> Township: <u>28S</u> Range: <u>67W</u> Meridian: <u>6</u>	
County: <u>HUERFANO</u>	Federal, Indian or State Lease Number: _____
Field Name: <u>PURGATOIRE RIVER</u>	Field Number: <u>70830</u>

**Notice of Intent to Abandon**     
  **Subsequent Report of Abandonment**

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

Latitude: <u>37.572366</u>	Longitude: <u>-104.843875</u>
GPS Data:	
Data of Measurement: <u>12/05/2005</u>	PDOP Reading: <u>6.0</u> GPS Instrument Operator's Name: <u>GARY L. TERRY</u>
Reason for Abandonment: <input type="checkbox"/> Dry <input checked="" type="checkbox"/> Production for Sub-economic <input type="checkbox"/> Mechanical Problems	
<input type="checkbox"/> Other _____	
Casing to be pulled: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No                  Top of Casing Cement: <u>440</u>	
Fish in Hole: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No                  If yes, explain details below	
Wellbore has Uncemented Casing leaks: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No                  If yes, explain details below	
Details: _____	

Current and Previously Abandoned Zones

Formation	Perf. Top	Perf. Btm	Abandoned Date	Method of Isolation	Plug Depth
VERMEJO COAL	1092	1226			
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	13+3/8	10+3/4	40.5	818	250	818	0	
1ST	8+3/4	7	20	1,323	200	1,323	440	

### Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 1067 with 111 sacks cmt on top. CIPB #2: Depth \_\_\_\_\_ with \_\_\_\_\_ 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 189 sks cmt from 398 ft. to 4 ft. in Plug Type: \_\_\_\_\_ Plug Tagged:   
Set \_\_\_\_\_ sks cmt from \_\_\_\_\_ ft. to \_\_\_\_\_ ft. in Plug Type: \_\_\_\_\_ Plug Tagged:   
Set \_\_\_\_\_ sks cmt from \_\_\_\_\_ ft. to \_\_\_\_\_ ft. in Plug Type: \_\_\_\_\_ Plug Tagged:   
Set \_\_\_\_\_ sks cmt from \_\_\_\_\_ ft. to \_\_\_\_\_ ft. in Plug Type: \_\_\_\_\_ Plug Tagged:   
Set \_\_\_\_\_ sks cmt from \_\_\_\_\_ ft. to \_\_\_\_\_ ft. in 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. 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:

PETROGLYPH, OPERATING, RATON BASIN WELLS  
GENERAL PLUGGING PROCEDURE:

- \* A RIG WILL PULL AND LD RODS AND TUBING IN ALL WELLS BEFORE PLUGGING CONTRACTOR ARRIVES.
- \* A WIRELINE COMPNAY WILL SET CIBPS APPROX. 25 FT. ABOVE TOP PERFORATION IN ALL WELLS BEFORE PLUGGING COTRACTOR ARRIVES.
- \* MIRU PLUGGING CONTRACTOR.
- \* RIH WITH TUBING, TAG CIBP AND CEMENT BOTTOM TO TOC (TOP OF PRODUCTION CEMENT). POOH WITH TUBING.
- \* MIRU WIRLINE CONTRACTOR, GIH AND CUT PRODUCTION CASING FIRST PRODUCTION CASING COUPLING ABOVE TOC.
- \* POOH AND LD CASING.
- \* RIH WITH TUBING TO TOP OF CASING CUT AND CEMENT BOTTOM TO TOP ( 4' BELOW GROUND LEVEL).
- \* DIG CELLAR AROUND SURFACE CASING AND CUT CASING 4 FT BELOW GL AND WELD PLATE ON TOP.

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

Signed: \_\_\_\_\_ Print Name: TOM MELLAND  
Title: DISTRICT MANAGER Date: 6/10/2011 Email: TMELLAND@PGEI.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: 6/20/2011

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

Expiration Date: 12/19/2011

1) Provide 48 hour notice of MIRU to John Duran at 719-846-4715 or email John.Duran@state.co.us.

**Attachment Check List**

Att Doc Num	Name

Total Attach: 0 Files

**General Comments**

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

Total: 0 comment(s)