

State of Colorado  
Oil and Gas Conservation Commission

1120 Lincoln Street, Suite 801, Denver, Colorado 80205 Phone: (303) 894-2100 Fax: (303) 894-2109



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Date Received:

06/14/2011

Document Number:

2567307

**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>05-055-06150-00</u>	Well Number: <u>10-12</u>
Well Name: <u>LIVELY</u>	
Location: QtrQtr: <u>NWSW</u> Section: <u>10</u> Township: <u>29S</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>37.536750</u>	Longitude: <u>-104.883793</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>475</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	1978	1981			

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	11	8+5/8	23	842	297	842	0	
1ST	7+7/8	5+1/2	15.5	2,080	450	2,113	475	

## Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 1953 with 154 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 <u>133</u> sks cmt from <u>398</u> ft. to <u>4</u> ft. in	Plug Type: _____	Plug Tagged: <input type="checkbox"/>
Set _____ sks cmt from _____ ft. to _____ ft. in	Plug Type: _____	Plug Tagged: <input type="checkbox"/>
Set _____ sks cmt from _____ ft. to _____ ft. in	Plug Type: _____	Plug Tagged: <input type="checkbox"/>
Set _____ sks cmt from _____ ft. to _____ ft. in	Plug Type: _____	Plug Tagged: <input type="checkbox"/>
Set _____ sks cmt from _____ ft. to _____ ft. in	Plug Type: _____	Plug Tagged: <input type="checkbox"/>

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:

PETROGLYCH OPERATION, RATON BASIN WELL  
GENERAL PLUGGING PROCEDURE:

-A RIG WILL PULL AND LD RODS AND TUBING IN ALL WELLS BEFORE PLUGGING CONTRACTOR ARRIVES.  
-A WIRELINE COMPANY WILL SET CIBPS APPROX. 25 FT. ABOVE TOP PERFORATION IN ALL WELLS BEFORE PLUGGING CONTRACTOR ARRIVES.  
-MIRU PLUGGING CONTRACTOR.  
-RIH WITH TUBING, TAG CIBP AND CEMENT BOTTOM TO TOC (TOP OF PRODUCTION CEMENT). POOH WITH TUBING.  
-MURI WIRELINE CONTRACTOR, GIH AND CUT PRODUCTION CASING AT 2ND PRODUCTION CASING COUPLING ABOVE TOC.  
-POOH AND LD CASING.  
-RIH WITH TUBING TO TOP OF CASING CUT AND CEMENT BELOW TO TOP (4' BELOW GROUND LEVEL).  
-DIG CELLAR AROUND SURFACE CASING AND CUT 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: 6/16/2011

**CONDITIONS OF APPROVAL, IF ANY:**

Expiration Date: 12/15/2011

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
2567307	FORM 6 INTENT SUBMITTED
2567308	WELLBORE DIAGRAM

Total Attach: 2 Files

**General Comments**

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

Total: 0 comment(s)