

FORM
6
Rev
12/05

State of Colorado
Oil and Gas Conservation Commission

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



DE ET OE ES

Date Received:

06/24/2011

Document Number:

2567708

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) 721-5571</u>
City: <u>BOISE</u> State: <u>ID</u> Zip: <u>83707</u>	Email: <u>TMELLAND@PGEI.COM</u>
For "Intent" 24 hour notice required, COGCC contact:	
Name: <u>DURAN, JOHN</u>	Tel: <u>(719) 846-4715</u>
Email: <u>john.duran@state.co.us</u>	

API Number <u>05-055-06148-00</u>	Well Number: <u>10-02</u>
Well Name: <u>LIVELY</u>	
Location: QtrQtr: <u>NWNE</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>WILDCAT</u>	Field Number: <u>99999</u>

☒ Notice of Intent to Abandon ☐ Subsequent Report of Abandonment

Only Complete the Following Background Information for Intent to Abandon

Latitude: <u>37.543755</u>	Longitude: <u>-104.874341</u>
GPS Data:	
Data of Measurement: <u>07/27/2007</u>	PDOP Reading: <u>6.0</u> GPS Instrument Operator's Name: <u>GARY L TERRY</u>
Reason for Abandonment: <input checked="" type="checkbox"/> Dry <input type="checkbox"/> Production for Sub-economic <input type="checkbox"/> Mechanical Problems	
<input type="checkbox"/> Other _____	
Casing to be pulled: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Top of Casing Cement: _____
Fish in Hole: <input checked="" type="checkbox"/> Yes <input 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: <u>SEE PAGE 3 FOR SUMMARY & PROCEDURE</u>	

Current and Previously Abandoned Zones

Formation	Perf. Top	Perf. Btm	Abandoned Date	Method of Isolation	Plug Depth
VERMEJO COAL					

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	24	337	100	337	0	

Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth _____ with _____ 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 _____ 250 _____ sks cmt from _____ 764 _____ ft. to _____ 4 _____ ft. in	Plug Type: OPEN HOLE	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:

THE LIVELY 10-02 WAS P&A'D DUE TO LOST CIRCULATION AND STUCK DRILL PIPE IN 04/02/1998, LEAVING 1545' OF DRILLPIPE IN THE HOLE.

RE-ENTRY BEGAN ON 8/1/07 WITH THE TARGET PLUGGING DEPTH OF 1050'.

FOLLOWING ARE RESULTS.

DRILL/WASH TO TOP OF FISH (4 1/2" DP AT 375') WITH 7 7/8" BIT.

DRILL DOWN ALONG SIDE DRILL PIPE WITH 3 7/8" BIT.

COULD NOT GO DEEPER THAT 764' FOR THREE CONSECUTIVE DAYS WITHOUT SUCCESS.

NO SIGNIFICANT GAS SHOWS.

THE WELL IS SHUT-IN AND WILL BE USED AS A MONITOR WELL PER THE COGCC'S DIRECTION AND PLUGGED AT AN UNKNOWN LATER DATE.

CURRENTLY, THE 8 5/8" CASING IS APPROXIMATELY 1 FOOT ABOVE GROUND LEVEL WITH A PRESSURE CONTAINING CAP, VALVE AND PRESSURE CONTAINING CAP, VALVE AND PRESSURE GAGE.

FINAL PLUG AND ABANDONMENT, PROCEEDURE

GIH WITH 3 7/8" BIT AND 2 3/8" TUBING.

REAM/WASH AS REQUIRED TO TAG TOP OF FISH AT 463'.

CEMENT WITH 150 SKS IF CEMENT FROM 463' TO G.L.

IF CEMENT DROPS WAIT FOR 6 HOURS, TAG TOP OF CEMENT WITH TUBING AND CEMENT TO 4 FEET BELOW G.L.

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

IMPORTANT: SOME DATA FIELDS HAVE BEEN MODIFIED.

Title: DISTRICT MANAGER

Date: 6/17/2011

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: 7/15/2011

CONDITIONS OF APPROVAL, IF ANY:

Expiration Date: 1/14/2012

- 1) Provide 48 hour notice of MIRU to John Duran at 719-846-4715 or email John.Duran@state.co.us.
- 2) Note following changes: Increased plug depth from operator proposed depth of 463' to 764' which is the depth reached during previous attempt to plug in August 2007. Increased cement sacks proportionately. Cement to surface.

Attachment Check List

Att Doc Num	Name
2567708	FORM 6 INTENT SUBMITTED
2567709	WELLBORE DIAGRAM
2567710	OTHER

Total Attach: 3 Files

General Comments

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

Total: 0 comment(s)