

FORM
6Rev
12/05State 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:

10/14/2011

Document Number:

2507522

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: 8667

Contact Name: TOM MELLAND

Name of Operator: PETROGLYPH ENERGY INC

Phone: (719) 742-5570

Address: 555 S COLE RD

Fax: (719) 742-5571

City: BOISE State: ID Zip: 83707

Email: jjohnson@pgei.com

For "Intent" 24 hour notice required,

Name: Tel:

COGCC contact:

Email:

API Number 05-055-06261-00

Well Name: STATE

Well Number: 10WB

Location: QtrQtr: SENE Section: 36 Township: 28S Range: 67W Meridian: 6

County: HUERFANO

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: 37.567248

Longitude: -104.836857

GPS Data:

Date of Measurement: 12/05/2005

PDOP Reading: 6.0

GPS Instrument Operator's Name: GARY L. TERRY

Reason for Abandonment: ☐ Dry ☒ Production for Sub-economic ☐ Mechanical Problems☐ OtherCasing to be pulled: ☒ Yes ☐ No Top of Casing Cement: 250Fish in Hole: ☐ Yes ☒ No If yes, explain details belowWellbore 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 |
|--------------|-----------|-----------|----------------|---------------------|------------|
| VERMEJO COAL | 1063 | 1230 | | | |

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 | 9+5/8 | 36 | 984 | 280 | 984 | 0 | |
| 1ST | 8+3/4 | 7 | 20 | 1,378 | 180 | 1,378 | 250 | |

Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 1038 with 134 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 81 sks cmt from 191 ft. to 4 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 _____ 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: 191 ft. of 7 inch casing Plugging Date: 08/31/2011

*Wireline Contractor: TEH PERFORATORS

*Cementing Contractor: LAYNE CHRISTENSEN

Type of Cement and Additives Used: NEAT PORTLAND, DENSITY, 15PPG, YIELD 1.28 CUFT/SK

Flowline/Pipeline has been abandoned per Rule 1103 ☒ Yes ☐ No

*ATTACH JOB SUMMARY

Technical Detail/Comments:

TAGGED BOTTOM CEMENT PLUG @ 235'

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: 9/13/2011

Email: ksmith@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: 10/14/2011

CONDITIONS OF APPROVAL, IF ANY:

Attachment Check List

| Att Doc Num | Name |
|-------------|-----------------------------|
| 2507522 | FORM 6 SUBSEQUENT SUBMITTED |
| 2507523 | CEMENT JOB SUMMARY |
| 2507524 | WIRELINE JOB SUMMARY |

Total Attach: 3 Files

General Comments

| User Group | Comment | Comment Date |
|-------------------|----------------|---------------------|
| | | |

Total: 0 comment(s)