

Document Number:  
 403031779

Date Received:

**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: 96850 Contact Name: Richard Miller  
 Name of Operator: TEP ROCKY MOUNTAIN LLC Phone: (832) 726-1173  
 Address: 1058 COUNTY ROAD 215 Fax: \_\_\_\_\_  
 City: PARACHUTE State: CO Zip: 81635 Email: rmiller@terraep.com

**For "Intent" 24 hour notice required,** Name: De Paolo, Corey Tel: (303) 903-8253  
**COGCC contact:** Email: corey.depaolo@state.co.us

Type of Well Abandonment Report:  Notice of Intent to Abandon  Subsequent Report of Abandonment

API Number 05-045-12488-00  
 Well Name: SOLVAY Well Number: GM 542-2  
 Location: QtrQtr: SENE Section: 2 Township: 7S Range: 96W Meridian: 6  
 County: GARFIELD Federal, Indian or State Lease Number: \_\_\_\_\_  
 Field Name: GRAND VALLEY Field Number: 31290

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

Latitude: 39.469328 Longitude: -108.069536  
 GPS Data: GPS Quality Value: 2.6 Type of GPS Quality Value: \_\_\_\_\_ Date of Measurement: 05/22/2007

Reason for Abandonment:  Dry  Production 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 |
|-----------------------|-----------|-----------|----------------|---------------------|------------|
| WILLIAMS FORK - CAMEO | 4975      | 6518      |                |                     |            |

Total: 1 zone(s)

**Casing History**

| Casing Type | Size of Hole | Size of Casing | Grade | Wt/Ft | Csg/Liner Top | Setting Depth | Sacks Cmt | Cmt Btm | Cmt Top | Status |
|-------------|--------------|----------------|-------|-------|---------------|---------------|-----------|---------|---------|--------|
| SURF        | 13+1/2       | 9+5/8          | H-40  | 32.3  | 0             | 1128          | 375       | 1128    | 0       | VISU   |
| 1ST         | 7+7/8        | 4+1/2          | I-80  | 11.6  | 0             | 6682          | 813       | 6682    | 3105    | CBL    |

## Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 4925 with 2 sacks cmt on top. CIBP #2: Depth 1178 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 \_\_\_\_\_ 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:   
 Set \_\_\_\_\_ sks cmt from \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Plug Type: \_\_\_\_\_ Plug Tagged:

Perforate and squeeze at 1173 ft. with 53 sacks. Leave at least 100 ft. in casing \_\_\_\_\_ CICR Depth  
 Perforate and squeeze at 50 ft. with 18 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 Number of Days from Setting Surface Plug to Capping or Sealing the Well: \_\_\_\_\_  
 Surface Plug Setting Date: \_\_\_\_\_ Cut and Cap Date: \_\_\_\_\_  
 \*Wireline Contractor: \_\_\_\_\_ \*Cementing Contractor: \_\_\_\_\_  
 Type of Cement and Additives Used: \_\_\_\_\_  
 Flowline/Pipeline has been abandoned per Rule 1105  Yes  No

**Technical Detail/Comments:**

- Proposed Procedure:
1. Notify COGCC via Form 42, 48 hrs prior to start of activity
  2. POOH and stand back tubing string
  3. Set CIBP + dump bail 2 sks cement at 4,925" in 4-1/2" casing. TOC @ 4,900'
  4. Pressure Test casing to 500 psi for 15 minutes and monitor leak off. Notify COGCC if test fails.
  5. Set CIBP at 1,178'
  6. Shoot 3 holes in 4-1/2" casing at 1,173' and pump 53 sks cement. TOC @ 1,028'
  7. Shoot 3 holes in 4-1/2" casing at 50' and pump 18 sks cement. TOC @ Surface in 4-1/2" csg and annulus
  8. Submit wireline and cement field tickets to engineer
  9. Monitor well for 5 days to ensure successful plugging
  10. Cut off wellhead, top out cement as required
  11. Weld a steel plate dryhole marker (Above Ground) with a weep hole on top of casing (See Details Below)
  12. Submit subsequent Form 6 to COGCC
  13. Backfill cellar
  14. Properly abandon flowlines per Rule 1105. File electronic Form 42 after flowline abandonment is complete
- Dryhole Marker Details
1. Operator: TEP Rocky Mountain LLC
  2. Well Name and Number: Solvay GM 542-2
  3. Surveyed Location: SENE 2 7S96W 6
  4. API Number: 05-045-12488

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

Signed: \_\_\_\_\_ Print Name: Vicki Schoeber  
 Title: Regulatory Specialist Date: \_\_\_\_\_ Email: vschoeber@terraep.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: \_\_\_\_\_

Date: \_\_\_\_\_

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

Expiration Date: \_\_\_\_\_

| <u>COA Type</u> | <u>Description</u> |
|-----------------|--------------------|
|                 |                    |

**Attachment List**

| <u>Att Doc Num</u> | <u>Name</u>                 |
|--------------------|-----------------------------|
| 403036495          | WELLBORE DIAGRAM            |
| 403036497          | PROPOSED PLUGGING PROCEDURE |
| 403036498          | WELLBORE DIAGRAM            |

Total Attach: 3 Files

**General Comments**

| <u>User Group</u> | <u>Comment</u> | <u>Comment Date</u> |
|-------------------|----------------|---------------------|
|                   |                | Stamp Upon Approval |

Total: 0 comment(s)