

Document Number:  
 401305897  
 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: 27635 Contact Name: Neel Duncan  
 Name of Operator: ENERGY SEARCH CO ADDBA ENERGY SEARCH CO Phone: (303) 947-9402  
 Address: PO BOX 1896 Fax: \_\_\_\_\_  
 City: EDWARDS State: CO Zip: 81632 Email: neel.duncan@iptenergyservices.com

**For "Intent" 24 hour notice required,** Name: Helgeland, Gary Tel: (970) 216-5749  
**COGCC contact:** Email: gary.helgeland@state.co.us

API Number 05-001-06851-00  
 Well Name: TSUZUKI Well Number: 2  
 Location: QtrQtr: NENE Section: 28 Township: 1S Range: 67W Meridian: 6  
 County: ADAMS Federal, Indian or State Lease Number: \_\_\_\_\_  
 Field Name: SPINDLE Field Number: 77900

Notice of Intent to Abandon  Subsequent Report of Abandonment

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

Latitude: 39.941327 Longitude: -104.886802  
 GPS Data:  
 Date of Measurement: 06/13/2012 PDOP Reading: 4.4 GPS Instrument Operator's Name: Sarah Burkhalter  
 Reason for Abandonment:  Dry  Production Sub-economic  Mechanical Problems  
 Other Building a Middle School on site.  
 Casing to be pulled:  Yes  No Estimated Depth: 5170  
 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
SUSSEX	5077	5099			

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	10	8+5/8	24	94	100	94	0	VISU
1ST	7+7/8	4+1/2	10.5	5,168	200	5,168	1,216	CALC
	7+7/8	4+1/2	Stage Tool	1,216	200	1,216	0	CALC

## Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth \_\_\_\_\_ with \_\_\_\_\_ sacks cmt on top. CIBP #2: Depth \_\_\_\_\_ 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 15 sks cmt from 1216 ft. to 1080 ft. Plug Type: CASING Plug Tagged:   
 Set 15 sks cmt from 600 ft. to 500 ft. Plug Type: CASING Plug Tagged:   
 Set 20 sks cmt from 200 ft. to 0 ft. Plug Type: CASING 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 5077 ft. with 50 sacks. Leave at least 100 ft. in casing 4820 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:

- Proposed PA procedure:
1. TIH w/ 4-1/2", 10.5# Csg scraper to PBSD.
  2. Run CBL f/ 5000' to Surface.
  3. Contact COGCC. Review CBL for Fox Hills & Arapahoe coverage.
  4. Set CICR @ 4820'. (Confirm within Annulus TOC) establish rate.
  5. Squeeze Sussex s/ 40 sx under & 10 sx on top of Cmt Retainer.
  6. If CBL confirms cement above DV Tool, there will be NO squeezing.
  7. Spot 15 sx @ 1216'.
  8. Spot 15 sx @ 600'.
  9. Spot 20 sx f/ 200' to Surface.
  10. Excavate, cut off 30' below ground level, weld on plate w/ well name & API#.

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

Signed: \_\_\_\_\_ Print Name: Paul Gottlob  
 Title: Regulatory & Engin. Tech. Date: \_\_\_\_\_ Email: paul.gottlob@iptenergyservices.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 Check List**

<u>Att Doc Num</u>	<u>Name</u>
401306327	WELLBORE DIAGRAM
401306364	WELLBORE DIAGRAM

Total Attach: 2 Files

**General Comments**

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

Total: 0 comment(s)