

**FORM**  
**6**  
Rev  
12/05

**State of Colorado**  
**Oil and Gas Conservation Commission**

1120 Lincoln Street, Suite 801, Denver, Colorado 80203 Phone: (303) 894-2100 Fax: (303) 894-2109



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**Replug By Other Operator**

Document Number:

400615676

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: 96155 Contact Name: James Kopp  
 Name of Operator: WHITING OIL AND GAS CORPORATION Phone: (303) 357-1410  
 Address: 1700 BROADWAY STE 2300 Fax: (303) 390-4292  
 City: DENVER State: CO Zip: 80290 Email: james.kopp@whiting.com

**For "Intent" 24 hour notice required,** Name: Rains, Bill Tel: (970) 590-6480  
**COGCC contact:** Email: bill.rains@state.co.us

API Number 05-123-05784-00  
 Well Name: VAN DER LINDEN Well Number: 1  
 Location: QtrQtr: NENE Section: 11 Township: 10N Range: 59W Meridian: 6  
 County: WELD Federal, Indian or State Lease Number: \_\_\_\_\_  
 Field Name: TERRACE Field Number: 81500

Notice of Intent to Abandon  Subsequent Report of Abandonment

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

Latitude: 40.857963 Longitude: -103.938279  
 GPS Data:  
 Date of Measurement: 05/25/1958 PDOP Reading: 0.0 GPS Instrument Operator's Name: N/A  
 Reason for Abandonment:  Dry  Production for Sub-economic  Mechanical Problems  
 Other Re-enter to Re-plug  
 Casing to be pulled:  Yes  No Estimated Depth: 4100  
 Fish in Hole:  Yes  No If yes, explain details below  
 Wellbore has Uncemented Casing leaks:  Yes  No If yes, explain details below

Details: The COGCC has no record of the current well history. Operator spoke with Dirk Sutphin and he verified they did not have any of that information. Operator will be going in the hole blind. If they are able to enter the existing wellbore, operator plans on running caliper tools to determine the size and setting depth of surface casing, and number of sacks of cement.

**Current and Previously Abandoned Zones**

Formation	Perf. Top	Perf. Btm	Abandoned Date	Method of Isolation	Plug Depth
J SAND					

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
OPEN HOLE	20			4,100				

## 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 90 sks cmt from 4100 ft. to 3800 ft. Plug Type: OPEN HOLE Plug Tagged:   
Set 90 sks cmt from 1900 ft. to 1600 ft. Plug Type: OPEN HOLE 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 500 ft. to 0 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:

#### Re-Plug and Abandon Procedure:

1. Notify COGCC at least 48-hours prior to the start of operations using a Form 42. Verify with James Kopp that this is completed prior to moving the rig in.
2. Take GPS coordinates of well location. Send information to James Kopp, james.kopp@whiting.com, 303.357.1410.
3. MIRU Completions rig. Mob-in pump, swivel, tank and 2-7/8" PH-6 workstring. Determine appropriate size wellhead and BOP to us in operation. NU BOP w/2-7/8" pipe rams on top and blind rams on bottom, pressure test high and low.
4. Drill/clean out to approximately 550'. POOH with workstring standing back.
5. Drill/clean out to approximately 4,100'.
6. Once depth has been reached, TOOH with 2-7/8" workstring standing back.
7. MIRU gyro equipment. PU tools and RIH while logging down to 4,100 ftKB. POOH while logging, LD tools.
8. MIRU cement crew. Pressure test surface lines to 2,000psi. Mix and pump 90 sks, API Class G, 1.15 cu-ft/sk, 15.8 ppg cement, balancing plug at 4,100 ftKB. TOOH with 2-7/8" workstring standing back. Let cement cure overnight.
9. TIH with 2-7/8" workstring. Tag TOC with EOT, record depth.
10. MIRU cement crew. Pressure test surface lines to 2,000psi. Mix and pump 90 sks, API Class G, 1.15 cu-ft/sk, 15.8 ppg cement, balancing plug at 1,900 ftKB. TOOH with 2-7/8" workstring standing back. Let cement cure overnight.
11. TIH with 2-7/8" workstring. Tag TOC with EOT, record depth.
12. MIRU cement crew. Pressure test surface lines to 2,000psi. Mix and pump API Class G, 1.15 cu-ft/sk, 15.8 ppg cement, balancing plug from 500 ftKB to surface. TOOH with 2-7/8" workstring, LD on float.
13. Cut off WH to 5' below GL and fill hole.
14. Weld on cap with plugging information plate. Backfill cellar.
15. Reclaim disturbed surface.

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

Signed: \_\_\_\_\_ Print Name: Ann L. Stephens  
Title: Regulatory Manager Date: \_\_\_\_\_ Email: astephens@petro-fs.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: \_\_\_\_\_

### **Attachment Check List**

<b><u>Att Doc Num</u></b>	<b><u>Name</u></b>
400615743	SURFACE OWNER CONSENT
400615744	WELLBORE DIAGRAM
400615745	PROPOSED PLUGGING PROCEDURE
400615746	LOCATION PHOTO

Total Attach: 4 Files

### **General Comments**

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

Total: 0 comment(s)