

FORM  
6Rev  
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



DE ET OE ES

Replug By Other Operator

Document Number:

400615676

Date Received:

05/30/2014

## 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-plugCasing to be pulled: ☐ Yes ☒ No

Estimated Depth: 4100

Fish in Hole: ☐ Yes ☐ No If yes, explain details belowWellbore 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 4200 ft. to 3900 ft. Plug Type: OPEN HOLE Plug Tagged: ☒  
Set 90 sks cmt from 2000 ft. to 1700 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 300 sacks half in. half out surface casing from 650 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: 5/30/2014 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: SUTPHIN, DIRK

Date: 6/10/2014

**CONDITIONS OF APPROVAL, IF ANY:**

Expiration Date: 12/9/2014

**COA Type**

**Description**

	Note changes to submitted form.  1) Provide 24 hour notice of MIRU via electronic Form 42. 2) Submit Form 42(s) - OFFSET MITIGATION COMPLETED, in accordance with DJ Basin Horizontal Offset Policy. 3) Submit Form 6 – Subsequent Report of Abandonment within 30 days of plugging in accordance with Rule 311. 4) Provide well location GPS coordinates on Subsequent Report of Abandonment in accordance with COGCC As-Built Location Policy and Rule 215.
	1) Operator will submit a Form 4 to report date Final Reclamation will commence. Final reclamation should begin as soon as practicable. 2) Operator will schedule a joint onsite inspection with a COGCC Field Inspector prior to any new disturbance. (This applies if there is no final rec inspection in the well file.)

**Attachment Check List**

**Att Doc Num**

**Name**

400615676	FORM 6 INTENT SUBMITTED
400615743	SURFACE OWNER CONSENT
400615744	WELLBORE DIAGRAM
400615745	PROPOSED PLUGGING PROCEDURE
400615746	LOCATION PHOTO

Total Attach: 5 Files

**General Comments**

**User Group**

**Comment**

**Comment Date**

Engineer	Changed plug depths based on Induction log from offset well Edna Nelson #1, API#123-05788.	6/10/2014 3:19:09 PM
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Total: 1 comment(s)