


|   |   |                  |   |                            |   |                                       |            |        |
|---|---|------------------|---|----------------------------|---|---------------------------------------|------------|--------|
| <b>FORM</b><br><b>6</b><br>Rev<br>05/18   | <b>State of Colorado</b><br><b>Oil and Gas Conservation Commission</b><br>1120 Lincoln Street, Suite 801, Denver, Colorado 80203 Phone: (303) 894-2100 Fax: (303) 894-2109  |                  |  |                            | DE  | ET                                    | OE         | ES     |
|   | <b>WELL ABANDONMENT REPORT</b>  |                  |   |                            | <b>Replug By Other Operator</b>   |                                       |            |        |
|   | 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.<br>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. |                  |   |                            | Document Number:<br><div style="text-align: center;">401761739</div><br>Date Received:<br><div style="text-align: center;">09/27/2018</div> |                                       |            |        |
| OGCC Operator Number: <u>96155</u>  |   |                  |   |                            | Contact Name: <u>JOHN KELLER</u>  |                                       |            |        |
| Name of Operator: <u>WHITING OIL &amp; GAS CORPORATION</u>  |   |                  |   |                            | Phone: <u>(303) 390-4277</u>  |                                       |            |        |
| Address: <u>1700 BROADWAY STE 2300</u>  |   |                  |   |                            | Fax: _____  |                                       |            |        |
| City: <u>DENVER</u> State: <u>CO</u> Zip: <u>80290</u>  |   |                  |   |                            | Email: <u>JOHNK@WHITING.COM</u>   |                                       |            |        |
| <b>For "Intent" 24 hour notice required,</b>  |   |                  |   |                            | Name: <u>Granahan, Kyle</u> Tel: <u>(970) 989-4388</u>  |                                       |            |        |
| <b>COGCC contact:</b>   |   |                  |   |                            | Email: <u>kyle.granahan@state.co.us</u>   |                                       |            |        |
| API Number <u>05-103-07731-00</u>   |   |                  |   |                            | Well Number: <u>171</u>   |                                       |            |        |
| Well Name: <u>EMERALD</u>   |   |                  |   |                            |   |                                       |            |        |
| Location: QtrQtr: <u>SWNE</u> Section: <u>26</u> Township: <u>2N</u> Range: <u>103W</u> Meridian: <u>6</u>  |   |                  |   |                            |   |                                       |            |        |
| County: <u>RIO BLANCO</u>   |   |                  |   |                            | Federal, Indian or State Lease Number: _____  |                                       |            |        |
| Field Name: <u>RANGELY</u>  |   |                  |   |                            | Field Number: <u>72370</u>  |                                       |            |        |
| <input checked="" type="checkbox"/> Notice of Intent to Abandon   |   |                  |   |                            | <input type="checkbox"/> Subsequent Report of Abandonment   |                                       |            |        |
| <i>Only Complete the Following Background Information for Intent to Abandon</i>   |   |                  |   |                            |   |                                       |            |        |
| Latitude: <u>40.117555</u>  |   |                  | Longitude: <u>-108.919857</u>   |                            |   |                                       |            |        |
| GPS Data:   |   |                  |   |                            |   |                                       |            |        |
| Date of Measurement: _____  |   |                  | PDOP Reading: _____   |                            |   | GPS Instrument Operator's Name: _____ |            |        |
| Reason for Abandonment: <input checked="" type="checkbox"/> Dry <input type="checkbox"/> Production Sub-economic <input type="checkbox"/> Mechanical Problems |   |                  |   |                            |   |                                       |            |        |
| <input type="checkbox"/> Other _____  |   |                  |   |                            |   |                                       |            |        |
| Casing to be pulled: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No  |   |                  | Estimated Depth: _____  |                            |   |                                       |            |        |
| Fish in Hole: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No   |   |                  | If yes, explain details below   |                            |   |                                       |            |        |
| Wellbore has Uncemented Casing leaks: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No   |   |                  | If yes, explain details below   |                            |   |                                       |            |        |
| Details: _____  |   |                  |   |                            |   |                                       |            |        |
| <b>Current and Previously Abandoned Zones</b>   |   |                  |   |                            |   |                                       |            |        |
| <u>Formation</u>  | <u>Perf. Top</u>  | <u>Perf. Btm</u> | <u>Abandoned Date</u>   | <u>Method of Isolation</u> | <u>Plug Depth</u>   |                                       |            |        |
|   |   |                  |   |                            |   |                                       |            |        |
| Total: 0 zone(s)  |   |                  |   |                            |   |                                       |            |        |
| <b>Casing History</b>   |   |                  |   |                            |   |                                       |            |        |
| Casing Type   | Size of Hole  | Size of Casing   | Weight Per Foot   | Setting Depth              | Sacks Cement  | Cement Bot                            | Cement Top | Status |
| SURF  | 8+3/4   | 7                | 26  | 30                         | 0   | 30                                    | 0          | VISU   |
| 1ST   | 6+1/8   | 4+1/2            | 9   | 2,668                      | 0   | 0                                     | 0          | VISU   |

## Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth \_\_\_\_\_ with \_\_\_\_\_ 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 \_\_\_\_\_ 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 \_\_\_\_\_ 670 ft. with \_\_\_\_\_ 75 sacks. Leave at least 100 ft. in casing \_\_\_\_\_ CICR Depth

Perforate and squeeze at \_\_\_\_\_ 100 ft. with \_\_\_\_\_ 75 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. \_\_\_\_\_ inch casing Plugging Date: \_\_\_\_\_  
of \_\_\_\_\_

\*Wireline Contractor: \_\_\_\_\_ \*Cementing Contractor: \_\_\_\_\_

Type of Cement and Additives Used: \_\_\_\_\_

Flowline/Pipeline has been abandoned per Rule 1105 ☐ Yes ☐ No \*ATTACH JOB SUMMARY

Technical Detail/Comments:

This well was previously reported as plugged and abandoned by Equity Oil in 1977. Recent inspection found open casing at the surface. Proposed work is to complete the plug and abandon of the well and downhole conditions presented in this plan are estimated based on historical completion filings.

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

Signed: \_\_\_\_\_ Print Name: Cara Mezydlo

Title: Engineering Tech Date: 9/27/2018 Email: cara.mezydlo@whiting.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: Chollett, Shannon Date: 10/4/2018

CONDITIONS OF APPROVAL, IF ANY: \_\_\_\_\_ Expiration Date: 4/3/2019

COA Type Description

|  |  |
|--|--|
|  |  |
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## Attachment Check List

| <u>Att Doc Num</u> | <u>Name</u>                 |
|--------------------|-----------------------------|
| 401761739          | FORM 6 INTENT SUBMITTED     |
| 401765754          | PROPOSED PLUGGING PROCEDURE |
| 401765757          | WELLBORE DIAGRAM            |

Total Attach: 3 Files

## General Comments

| <u>User Group</u>      | <u>Comment</u>   | <u>Comment Date</u> |
|------------------------|--|---------------------|
| Engineer               | 1)Provide 48 hour notice of plugging MIRU via electronic Form 42.<br>2)Properly abandon flowlines as per Rule 1105. File electronic Form 42 once abandonment complete. Within 30 days of an operator completing abandonment requirements for an off-location flowline or crude oil transfer line the operator shall submit a Flowline Report, Form 44. | 10/04/2018          |
| Permit                 | Operator confirmed that Whiting is the land owner, so no SUA or site photos are necessary.<br>Passed permit review   | 09/27/2018          |
| Well File Verification | Well file not verified - offsite storage box 300 - Pass task   | 09/18/2018          |

Total: 3 comment(s)