


| FORM 6 <small>Rev 05/18</small> | State of Colorado Oil and Gas Conservation Commission <small>1120 Lincoln Street, Suite 801, Denver, Colorado 80203 Phone: (303) 894-2100 Fax: (303) 894-2109</small> | |  | | DE | ET | OE | ES | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| | WELL ABANDONMENT REPORT | | | | Replug By Other Operator | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 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. | | | | Document Number: 402003324 Date Received: 04/10/2019 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <div style="display: flex; justify-content: space-between;"><div>OGCC Operator Number: 69175</div><div>Contact Name: Valerie Danson</div></div> <div style="display: flex; justify-content: space-between;"><div>Name of Operator: PDC ENERGY INC</div><div>Phone: (970) 506-9272</div></div> <div style="display: flex; justify-content: space-between;"><div>Address: 1775 SHERMAN STREET - STE 3000</div><div>Fax:</div></div> <div style="display: flex; justify-content: space-between;"><div>City: DENVER State: CO Zip: 80203</div><div>Email: valerie.danson@pdce.com</div></div> <div style="border: 1px solid black; padding: 5px; margin-top: 5px;">For "Intent" 24 hour notice required, Name: Tel: COGCC contact: Email:</div> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <div>API Number 05-123-07253-00</div> <div>Well Name: LYLA F CARPENTER Well Number: 1</div> <div>Location: QtrQtr: SESE Section: 30 Township: 5N Range: 64W Meridian: 6</div> <div>County: WELD Federal, Indian or State Lease Number:</div> <div>Field Name: WILDCAT Field Number: 99999</div> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <input type="checkbox"/> Notice of Intent to Abandon <input checked="" type="checkbox"/> Subsequent Report of Abandonment | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <i>Only Complete the Following Background Information for Intent to Abandon</i> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Latitude: 40.365653 Longitude: -104.587307 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| GPS Data: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Date of Measurement: 01/25/2019 PDOP Reading: 2.2 GPS Instrument Operator's Name: Devon Arnold | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Reason for Abandonment: <input 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 type="checkbox"/> No Estimated Depth: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Fish in Hole: <input type="checkbox"/> Yes <input type="checkbox"/> No If yes, explain details below | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Wellbore has Uncemented Casing leaks: <input type="checkbox"/> Yes <input type="checkbox"/> No If yes, explain details below | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Details: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Current and Previously Abandoned Zones | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table border="1" style="width:100%; border-collapse: collapse;"><thead><tr><th style="width:30%;">Formation</th><th style="width:10%;">Perf. Top</th><th style="width:10%;">Perf. Btm</th><th style="width:20%;">Abandoned Date</th><th style="width:20%;">Method of Isolation</th><th style="width:10%;">Plug Depth</th></tr></thead><tbody><tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr></tbody></table> | | | | | | | | | Formation | Perf. Top | Perf. Btm | Abandoned Date | Method of Isolation | Plug Depth | | | | | | | | | | | | | | | | | | | | | |
| Formation | Perf. Top | Perf. Btm | Abandoned Date | Method of Isolation | Plug Depth | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Total: 0 zone(s) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Casing History | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table border="1" style="width:100%; border-collapse: collapse;"><thead><tr><th style="width:10%;">Casing Type</th><th style="width:10%;">Size of Hole</th><th style="width:10%;">Size of Casing</th><th style="width:10%;">Weight Per Foot</th><th style="width:10%;">Setting Depth</th><th style="width:10%;">Sacks Cement</th><th style="width:10%;">Cement Bot</th><th style="width:10%;">Cement Top</th><th style="width:10%;">Status</th></tr></thead><tbody><tr><td>SURF</td><td>12+1/4</td><td>8+5/8</td><td>24</td><td>205</td><td>200</td><td>205</td><td>0</td><td>VISU</td></tr><tr><td>OPEN HOLE</td><td>7+7/8</td><td> </td><td> </td><td>7,592</td><td> </td><td> </td><td> </td><td> </td></tr></tbody></table> | | | | | | | | | Casing Type | Size of Hole | Size of Casing | Weight Per Foot | Setting Depth | Sacks Cement | Cement Bot | Cement Top | Status | SURF | 12+1/4 | 8+5/8 | 24 | 205 | 200 | 205 | 0 | VISU | OPEN HOLE | 7+7/8 | | | 7,592 | | | | |
| Casing Type | Size of Hole | Size of Casing | Weight Per Foot | Setting Depth | Sacks Cement | Cement Bot | Cement Top | Status | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SURF | 12+1/4 | 8+5/8 | 24 | 205 | 200 | 205 | 0 | VISU | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| OPEN HOLE | 7+7/8 | | | 7,592 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

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 | 60 | sks cmt from | 6777 | ft. to | 6551 | ft. | Plug Type: | OPEN HOLE | Plug Tagged: | <input type="checkbox"/> |
| Set | 80 | sks cmt from | 5000 | ft. to | 4653 | ft. | Plug Type: | OPEN HOLE | Plug Tagged: | <input type="checkbox"/> |
| Set | 140 | sks cmt from | 2937 | ft. to | 2597 | ft. | Plug Type: | OPEN HOLE | Plug Tagged: | <input type="checkbox"/> |
| Set | 140 | sks cmt from | 1642 | ft. to | 1302 | ft. | Plug Type: | OPEN HOLE | Plug Tagged: | <input type="checkbox"/> |
| Set | _____ | sks cmt from | _____ | ft. to | _____ | ft. | Plug Type: | _____ | Plug Tagged: | <input type="checkbox"/> |

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 165 sacks half in. half out surface casing from 516 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. _____ inch casing Plugging Date: 03/11/2019
of _____

*Wireline Contractor: _____ *Cementing Contractor: C&J Energy Services

Type of Cement and Additives Used: Class G 15.8 PPG Cement & Type III 14.8 PPG Portland Cement

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

Technical Detail/Comments:

Lyla F Carpenter 1 (05-123-07253)/Re-Entry Plugging Procedure

Producing Formation: None

Upper Pierre Aquifer: 483'-1465'

TD: 7592' PBDT: N/A

Surface Casing: 8 5/8" 24# @ 205' w/ 200 sxs

Production Casing: None

Procedure:

1. MIRU. Drill out existing cement plugs to bottom of Codell at 6980' and ensure all gas is circulated out.
2. TIH with tubing to 6777'. RU cementing company. Mix and pump 60 sxs 15.8#/gal CI G cement down tubing. TOC at 6551'.
3. Pick up tubing to 5000'. Mix and pump 80 sxs 15.8#/gal CI G cement down tubing. TOC at 4653'.
4. Pick up tubing to 2937'. Mix and pump 140 sxs 14.8#/gal Type III cement down tubing. TOC at 2597'.
5. Pick up tubing to 1642'. Mix and pump 140 sxs 14.8#/gal Type III cement down tubing. (Pierre coverage from 1515'-1415'). TOC at 1302'.
6. Pick up tubing to 516'. Mix and pump 165 sxs 14.8#/gal Type III cement down tubing. Cement circulate to surface.
7. Cut surface casing 6' below ground level and weld on cap.

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

Signed: _____ Print Name: Valerie Danson

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: Strathman, Elliot Date: 5/31/2019

CONDITIONS OF APPROVAL, IF ANY:

| COA Type | Description |
|----------|-------------|
| | |

Attachment Check List

| Att Doc Num | Name |
|-------------|-----------------------------|
| 402003324 | FORM 6 SUBSEQUENT SUBMITTED |
| 402003343 | CEMENT JOB SUMMARY |
| 402003366 | WELLBORE DIAGRAM |

Total Attach: 3 Files

General Comments

| User Group | Comment | Comment Date |
|------------|---------|---------------------|
| | | Stamp Upon Approval |

Total: 0 comment(s)