

FORM
6Rev
11/20

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 |
|----|----|----|----|

Document Number:

403120144

Date Received:

07/31/2022

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: 94300

Contact Name: Randy Ward

Name of Operator: WARD & SON* ALFRED

Phone: (308) 2848350

Address: P O BOX 737

Fax:

City: OGALLALLA State: NE Zip: 69153

Email: randy@wardoil.com

For "Intent" 24 hour notice required,

Name: Sherman, Susan

Tel: (719) 775-1111

COGCC contact:

Email: susan.sherman@state.co.us

Type of Well Abandonment Report: ☒ Notice of Intent to Abandon ☐ Subsequent Report of Abandonment

API Number 05-121-10100-00

Well Name: GETTMAN

Well Number: 10-14

Location: QtrQtr: NWSE Section: 14 Township: 1S Range: 55W Meridian: 6

County: WASHINGTON

Federal, Indian or State Lease Number:

Field Name: AZURE

Field Number: 4750

Only Complete the Following Background Information for Intent to Abandon

Latitude: 39.962970

Longitude: -103.505180

GPS Data: GPS Quality Value: 2.6 Type of GPS Quality Value: PDOP Date of Measurement: 11/02/2010

Reason for Abandonment: ☐ Dry ☒ Production Sub-economic ☐ Mechanical Problems☐ OtherCasing to be pulled: ☒ Yes ☐ No Estimated Depth: 250Fish in Hole: ☐ Yes ☐ No If yes, explain details belowWellbore 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 |
|-----------|-----------|-----------|----------------|---------------------|------------|
| D SAND | 4780 | 4786 | | | |

Total: 1 zone(s)

Casing History

| Casing Type | Size of Hole | Size of Casing | Grade | Wt/Ft | Csg/Liner Top | Setting Depth | Sacks Cmt | Cmt Btm | Cmt Top | Status |
|-------------|--------------|----------------|-------|-------|---------------|---------------|-----------|---------|---------|--------|
| SURF | 12+1/4 | 8+5/8 | J55 | 24 | 0 | 136 | 110 | 136 | 0 | VISU |
| 1ST | 7+7/8 | 4+1/2 | J55 | 11.6 | 0 | 4885 | 125 | 4885 | 4300 | 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 20 sks cmt from 4790 ft. to 4680 ft. Plug Type: CASING Plug Tagged: ☒

Set 90 sks cmt from 300 ft. to 0 ft. Plug Type: STUB PLUG 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 1500 ft. with 40 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 _____ 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

Surface Plug Setting Date: _____ Cut and Cap Date: _____ Number of Days from Setting Surface Plug to Capping or Sealing the Well: _____

*Wireline Contractor: _____

*Cementing Contractor: _____

Type of Cement and Additives Used: _____

Flowline/Pipeline has been abandoned per Rule 1105 ☐ Yes ☐ No

Technical Detail/Comments:

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

Signed: _____ Print Name: Randy Ward

Title: pres Date: 7/31/2022 Email: randy@wardoil.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: Wolfe, Stephen Date: 8/18/2022

CONDITIONS OF APPROVAL, IF ANY:

Expiration Date: 2/17/2023

Condition of Approval

COA Type

Description

| | |
|--|---|
| | Operator shall implement measures to control unnecessary and excessive venting, to protect the health and safety of the public, and to ensure that vapors and odors from well plugging operations do not constitute a nuisance or hazard to public welfare. |
| | <p>Bradenhead Testing Prior to starting plugging operations a bradenhead test shall be performed if there has not been a reported bradenhead test within the 60 days immediately preceding the start of plugging operations.</p> <p>1) If, before opening the bradenhead valve, the beginning pressure is greater than 25 psi, sampling is required.</p> <p>2) If pressure remains at the conclusion of the test, or if any liquids were present during the test, sampling is required.</p> <p>The Form 17 shall be submitted within 10 days of the test. Sampling shall comply with Operator Guidance - Bradenhead Testing and Reporting Instructions. If samples are collected, copies of all final laboratory analytical results shall be provided to the COGCC within three (3) months of collecting the samples.</p> <p>If there is a need for sampling, contact COGCC engineering for verification of plugging procedure.</p> |
| | <p>Flowlines Consistent with Rule 911.a, a Form 27 must be approved prior to cut and cap, conducting flowline abandonment, or removing production equipment. Allow 30 days for Director review of the Form 27; include the Form 27 document number on the Form 44 for offsite flowline abandonment (if applicable) and on the Form 6 Subsequent.</p> <p>Properly abandon flowlines per Rule 1105. If flowlines will be abandoned in place, include with the Form 27: pressure test results conducted in the prior 12 months as well as identification of any document numbers for a COGCC Spill/Release Report, Form 19, associated with the abandoned line.</p> |
| | <p>Plugging 1) Provide electronic Form 42 Notice of MIRU 2 business days ahead of operations and electronic Form 42 Notice of Plugging Operations 48 hours prior to mobilizing for plugging operations.</p> <p>2) Contact COGCC Area Inspector prior to commencing plugging operations.</p> <p>3) Plugs and squeezes will be placed as stated in the Plugging Procedure section of the approved NOIA unless revised by COA or prior approval from COGCC is obtained.</p> <p>4) The wellbore must be static prior to placing cement plugs which are to be a minimum of 100' in length for all but surface plugs. Mechanical isolation requires a 25' cement plug, minimum. For plugs not specified to be tagged, a tag is required if circulation is not maintained while pumping plug and displacing to depth. Tag at tops specified or shallower. Notify COGCC Area Engineer before adding cement to previous plug.</p> <p>5) Place a 50' plug (minimum) at the surface, both inside the inner most casing and in all annular spaces. Surface plugs shall be circulated to surface. Confirm cement to surface in all strings during cut and cap.</p> <p>6) With the Form 6 SRA operator must provide written documentation which positively affirms each COA has been addressed.</p> <p>7) Plugging procedure has been modified as follows, Plug #1 - 4790-4680', 20 sx casing plug, WOC and tag at 4680' or shallower. Plug #2 - 1500', perf and squeeze 40 sx, leave last 10 sx in casing. See COA #4 for tag requirements. Cut and pull casing from 250'. Plug #3 - 300-0', 90 sx casing plug, cement is intended to circulate from stub to surface and remain there. WOC and tag if cement is not brought to surface and notify COGCC Area Engineer before filling to surface.</p> <p>8) Submit new wellbore diagrams for approved procedure with complete well info; name, API, legal description, elevations prior to submitting the Form 42 notifications.</p> <p>9) Submit a CBL with the Form 6 SRA if available.</p> |

4 COAs

Attachment List

| <u>Att Doc Num</u> | <u>Name</u> |
|--------------------|-------------------------|
| 403120144 | FORM 6 INTENT SUBMITTED |
| 403122107 | WELLBORE DIAGRAM |
| 403122108 | WELLBORE DIAGRAM |

Total Attach: 3 Files

General Comments

| <u>User Group</u> | <u>Comment</u> | <u>Comment Date</u> |
|-------------------|--|---------------------|
| Engineer | Groundwater: Alluvium Deepest water well: 55'(2mi),21 wells) Log: 121-10059 6/30/84 GR 4526' Upper Pierre at shoe, UP base 1320' | 08/18/2022 |
| OGLA | OGLA review complete. | 08/09/2022 |
| Permit | Missing current and proposed P&A wellbore diagrams. Returned to draft. | 07/28/2022 |

Total: 3 comment(s)