

Document Number:
401713240

Date Received:
07/24/2018

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: 10459 Contact Name: John Zarra

Name of Operator: EXTRACTION OIL & GAS INC Phone: (720) 481-2395

Address: 370 17TH STREET SUITE 5300 Fax: _____

City: DENVER State: CO Zip: 80202 Email: JZarra@ExtractionOG.com

For "Intent" 24 hour notice required, Name: Montoya, John Tel: (970) 397-4124

COGCC contact: Email: john.montoya@state.co.us

API Number 05-123-13582-00 Well Number: 5-12

Well Name: GEISERT

Location: QtrQtr: SWNW Section: 12 Township: 5N Range: 65W Meridian: 6

County: WELD Federal, Indian or State Lease Number: 67928

Field Name: WATTENBERG Field Number: 90750

Notice of Intent to Abandon Subsequent Report of Abandonment

Only Complete the Following Background Information for Intent to Abandon

Latitude: 40.415405 Longitude: -104.618567

GPS Data:
Date of Measurement: _____ PDOP Reading: _____ GPS Instrument Operator's Name: _____

Reason for Abandonment: Dry Production Sub-economic Mechanical Problems

Other offset to HZ's

Casing to be pulled: Yes No Estimated Depth: 404

Fish in Hole: Yes No If yes, explain details below

Wellbore 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 |
|-----------|-----------|-----------|----------------|---------------------|------------|
| CODELL | 6926 | 6936 | | | |
| NIOBRARA | 6623 | 6762 | | | |

Total: 2 zone(s)

Casing History

| 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 | 304 | 265 | 304 | 0 | VISU |
| 1ST | 7+7/8 | 4+1/2 | 15.1 | 7,076 | 220 | 7,076 | 6,094 | CBL |

Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 6550 with 10 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 15 sks cmt from 2500 ft. to 2284 ft. Plug Type: CASING Plug Tagged:
Set 98 sks cmt from 504 ft. to 175 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 _____ 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 98 sacks half in. half out surface casing from 504 ft. to 175 ft. Plug Tagged:
Set 10 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:

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

Signed: _____ Print Name: John Zarra
Title: Production Engineer Date: 7/24/2018 Email: JZarra@ExtractionOG.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: Jacobson, Eric Date: 8/1/2018

CONDITIONS OF APPROVAL, IF ANY: _____

Expiration Date: 1/31/2019

| COA Type | Description |
|-----------------|---|
| | <p>If there has not been a reported Bradenhead test within 60 days of plugging this well, prior to starting plugging operations, a Bradenhead test shall be performed.</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>3) If sampling is required contact COGCC engineering for an confirmation of plugging requirements prior to placing any plugs.</p> <p>Sampling shall comply with Operator Guidance - Bradenhead Testing and Reporting Instructions.</p> <p>The Form 17 shall be submitted within 10 days of the test.</p> |
| | <p>1) Provide 48 hour notice of plugging MIRU via electronic Form 42.</p> <p>2) Prior to placing the 504' plug: verify that all fluid migration (liquid or gas) has been eliminated. If evidence of fluid migration or pressure remains, contact COGCC Engineer for an update to plugging orders.</p> <p>3) After isolation has been verified, pump plug and displace. If cement is not circulated to surface, shut-in, WOC 4 hours then tag plug – must be at 254' or shallower and provide 10 sx plug at surface.</p> <p>4) Leave at least 100' of cement in the wellbore for each plug.</p> <p>5) Properly abandon on-location flowlines as per Rule 1105. File electronic Form 42 once abandonment is complete. Within 30 days of an operator completing abandonment requirements for an off-location flowline or crude oil transfer line, the operator must submit a Flowline Report, Form 44.</p> |
| | 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. |
| | COA: Submit "as drilled" GPS data on Subsequent Report of Abandonment. GPS data must meet the requirements of Rule 215. |

Attachment Check List

| Att Doc Num | Name |
|--------------------|-------------------------|
| 401713240 | FORM 6 INTENT SUBMITTED |
| 401713278 | WELLBORE DIAGRAM |

Total Attach: 2 Files

General Comments

| User Group | Comment | Comment Date |
|------------------------|--|---------------------|
| Engineer | Deepest Water Well within 1 Mile – 114' SB5 Base of Fox Hills - N/A | 08/01/2018 |
| Permit | Ready to pass form. Niobrara and Codell productive intervals confirmed via doc# 122959. | 07/30/2018 |
| Well File Verification | Pass | 07/30/2018 |

Total: 3 comment(s)