

FORM
6Rev
05/18

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:

402069264

Date Received:

06/10/2019

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: 100322

Contact Name: Hunter Dunham

Name of Operator: NOBLE ENERGY INC

Phone: (303) 228-4308

Address: 1001 NOBLE ENERGY WAY

Fax:

City: HOUSTON State: TX Zip: 77070

Email: hunter.dunham@nblenergy.com

For "Intent" 24 hour notice required,

Name: Medina, Justin

Tel: (720) 471-0006

COGCC contact:

Email: justin.medina@state.co.us

API Number 05-123-17018-00

Well Name: PARKER BLUE D

Well Number: 23-09

Location: QtrQtr: NESE Section: 23 Township: 3N Range: 64W Meridian: 6

County: WELD

Federal, Indian or State Lease Number:

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: 40.208034

Longitude: -104.510395

GPS Data:

Date of Measurement: 09/15/2006

PDOP Reading: 1.8

GPS Instrument Operator's Name: Paul Tappy

Reason for Abandonment: ☐ Dry ☒ Production Sub-economic ☐ Mechanical Problems☐ Other Offset to NBL HZ developmentCasing to be pulled: ☐ Yes ☒ No

Estimated Depth:

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 | 6870 | 6882 | | | |
| NIOBRARA | 6642 | 6736 | | | |

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 | 679 | 475 | 679 | 0 | VISU |
| 1ST | 7+7/8 | 3+1/2 | 7.7 | 7,042 | 395 | 7,042 | 5,895 | CBL |
| S.C. 1.1 | | | | 5,031 | 195 | 5,031 | 3,913 | CBL |

Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 6590 with 2 sacks cmt on top. CIBP #2: Depth 4100 with 2 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 31 sks cmt from 729 ft. to 0 ft. Plug Type: CASING 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 2500 ft. with 86 sacks. Leave at least 100 ft. in casing 2400 CICR Depth

Perforate and squeeze at 729 ft. with 185 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 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: Taylor Heffner

Title: NBL Contractor Date: 6/10/2019 Email: theffner@phxresources.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: JENKINS, STEVE Date: 6/12/2019

CONDITIONS OF APPROVAL, IF ANY: _____

Expiration Date: 12/11/2019

| COA Type | Description |
|-----------------|--|
| | <p>1) Provide 48 hour notice of plugging MIRU via electronic Form 42.</p> <p>2) Prior to placing the 729' 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 679' or shallower and provide 10 sx plug at the surface.</p> <p>4) Leave at least 100' of cement in the wellbore for each plug.</p> <p>5) Properly abandon flowlines 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 venting, to protect health and safety, and to ensure that vapors and odors from well plugging operations do not constitute a nuisance or hazard to public welfare. |
| | <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 a confirmation of plugging requirements prior to placing any plugs.</p> <p>Sampling shall comply with Operator Guidance - Bradenhead Testing and Reporting Instructions. The Form 17 shall be submitted within 10 days of the test.</p> |
| | <p>Submit Operator's Monthly Production Reports (Form 7) required for compliance with Rule 309 within 30 days</p> <p>-Missing Niobrara production reporting for 5/2005</p> <p>-Missing production reporting for 7/2005</p> |

Attachment Check List

| Att Doc Num | Name |
|--------------------|-------------------------|
| 402069264 | FORM 6 INTENT SUBMITTED |
| 402069269 | WELLBORE DIAGRAM |

Total Attach: 2 Files

General Comments

| User Group | Comment | Comment Date |
|------------------------|--|---------------------|
| Well File Verification | Pass | 06/12/2019 |
| Engineer | <p>1) Deepest Water Well within 1 mile = 60'.</p> <p>2) Fox Hills Bottom- 552', per SB5.</p> | 06/10/2019 |
| Permit | <p>Verified as drilled lat/long</p> <p>Verified completed intervals (1423169)</p> | 06/10/2019 |

Total: 3 comment(s)