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Replug By Other Operator

Document Number:

402012989

Date Received:

04/17/2019

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: Schure, Kym Tel: (970) 520-3832
COGCC contact: Email: kym.schure@state.co.us

API Number 05-075-05060-00 Well Number: 1
 Well Name: KILMER
 Location: QtrQtr: SWSW Section: 20 Township: 6N Range: 54W Meridian: 6
 County: LOGAN Federal, Indian or State Lease Number: _____
 Field Name: MERINO Field Number: 54050

Notice of Intent to Abandon Subsequent Report of Abandonment

Only Complete the Following Background Information for Intent to Abandon

Latitude: 40.465940 Longitude: -103.442460
 GPS Data:
 Date of Measurement: 11/20/2013 PDOP Reading: 1.7 GPS Instrument Operator's Name: Darren Veal
 Reason for Abandonment: Dry Production Sub-economic Mechanical Problems
 Other Orphan well
 Casing to be pulled: Yes No Estimated Depth: 2500
 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 |
|-----------|-----------|-----------|----------------|---------------------|------------|
| J SAND | 5050 | 5058 | | | |

Total: 1 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 | 10+3/4 | 40 | 183 | 100 | 183 | 0 | VISU |
| 1ST | 7+7/8 | 5+1/2 | 14 | 5,047 | 150 | 5,047 | 4,401 | CALC |

Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 5000 with 2 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 195 sks cmt from 2000 ft. to 2500 ft. Plug Type: OPEN HOLE 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 _____ 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 315 sacks half in. half out surface casing from 0 ft. to 800 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:

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

Signed: _____ Print Name: Hunter Dunham

Title: Wellbore Integrity Lead Date: 4/17/2019 Email: hunter.dunham@nblenergy.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: HICKEY, MIKE Date: 5/10/2019

CONDITIONS OF APPROVAL, IF ANY: _____

Expiration Date: 11/9/2019

| COA Type | Description |
|-----------------|--|
| | 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>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>4)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>5)Submit Form 42 electronically to COGCC 48 hours prior to MIRU</p> <p>6)Prior to cutting casing or placing the 800' 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 requirements.</p> <p>7)After isolation has been verified, pump plug and displace. If cement is not circulated to surface, shut-in, WOC 4 hours and tag plug – top of plug must be not deeper than 679' and provide minimum 10 sx plug at the surface.</p> <p>8)Leave at least 100' of cement in the wellbore for each plug.</p> <p>9)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 must submit a Flowline Report, Form 44.</p> |

Attachment Check List

| Att Doc Num | Name |
|--------------------|-----------------------------|
| 402012989 | FORM 6 INTENT SUBMITTED |
| 402012993 | WELLBORE DIAGRAM |
| 402012999 | PROPOSED PLUGGING PROCEDURE |

Total Attach: 3 Files

General Comments

| User Group | Comment | Comment Date |
|------------------------|--|---------------------|
| Well File Verification | Pass | 04/18/2019 |
| Permit | <p>Verified as drilled lat/long</p> <p>Orphan well from 1950 - productive interval records are not clear</p> <p>Based on log (916986), productive interval on zones tab is probably correct</p> <p>Orphan well - complete production reporting unavailable</p> | 04/18/2019 |

Total: 2 comment(s)