

FORM
6
Rev
12/05

State of Colorado
Oil and Gas Conservation Commission

1120 Lincoln Street, Suite 801, Denver, Colorado 80203 Phone: (303) 894-2100 Fax: (303) 894-2109



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|-------------------------------|----|----|----|
| DE | ET | OE | ES |
| Document Number: 401368643 | | | |
| Date Received: | | | |

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.

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| OGCC Operator Number: <u>100322</u> | Contact Name: <u>Baxter Whittington</u> |
| Name of Operator: <u>NOBLE ENERGY INC</u> | Phone: <u>(267) 918-2547</u> |
| Address: <u>1625 BROADWAY STE 2200</u> | Fax: _____ |
| City: <u>DENVER</u> State: <u>CO</u> Zip: <u>80202</u> | Email: <u>baxter.whittington@nblenergy.com</u> |
| For "Intent" 24 hour notice required, Name: <u>Montoya, John</u> Tel: <u>(970) 397-4124</u> | |
| COGCC contact: Email: <u>john.montoya@state.co.us</u> | |

| | |
|--|--------------------------|
| API Number <u>05-123-21548-00</u> | Well Number: <u>11-7</u> |
| Well Name: <u>HARKIS</u> | |
| Location: QtrQtr: <u>NWNW</u> Section: <u>7</u> Township: <u>2N</u> Range: <u>64W</u> Meridian: <u>6</u> | |
| County: <u>WELD</u> Federal, Indian or State Lease Number: _____ | |
| Field Name: <u>WATTENBERG</u> Field Number: <u>90750</u> | |

Notice of Intent to Abandon Subsequent Report of Abandonment

Only Complete the Following Background Information for Intent to Abandon

Latitude: 40.158240 Longitude: -104.600680

GPS Data:
Date of Measurement: 03/26/2007 PDOP Reading: 1.9 GPS Instrument Operator's Name: Paul Tappy

Reason for Abandonment: Dry Production Sub-economic Mechanical Problems
 Other _____

Casing to be pulled: Yes No Estimated Depth: 1140

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

Wellbore has Uncemented Casing leaks: Yes No If yes, explain details below

Details: WASHPIPE

Current and Previously Abandoned Zones

| Formation | Perf. Top | Perf. Btm | Abandoned Date | Method of Isolation | Plug Depth |
|-----------|-----------|-----------|----------------|---------------------|------------|
| CODELL | 7118 | 7128 | | | |
| J SAND | 7592 | 7618 | | | |
| NIOBRARA | 6884 | 6990 | | | |

Total: 3 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 | 840 | 605 | 840 | 16 | CALC |
| 1ST | 7+7/8 | 4+1/2 | 11.60 | 7,918 | 220 | 7,918 | 6,560 | CBL |

Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 7542 with 2 sacks cmt on top. CIPB #2: Depth 6834 with 2 sacks cmt on top.
 CIBP #3: Depth _____ with _____ sacks cmt on top. CIPB #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 _____ 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:
 Set _____ sks cmt from _____ ft. to _____ ft. Plug Type: _____ Plug Tagged:

Perforate and squeeze at 4689 ft. with 185 sacks. Leave at least 100 ft. in casing 4589 CICR Depth
 Perforate and squeeze at 2500 ft. with 165 sacks. Leave at least 100 ft. in casing 2400 CICR Depth
 Perforate and squeeze at _____ ft. with _____ sacks. Leave at least 100 ft. in casing _____ CICR Depth
(Cast Iron Cement Retainer Depth)

Set 395 sacks half in. half out surface casing from 1190 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. of _____ inch casing Plugging Date: _____
 *Wireline Contractor: _____ *Cementing Contractor: _____
 Type of Cement and Additives Used: _____
 Flowline/Pipeline has been abandoned per Rule 1103 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: Diane Blair
 Title: Engineering Technician Date: _____ Email: diane.blair@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: _____ Date: _____

CONDITIONS OF APPROVAL, IF ANY: _____ Expiration Date: _____

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

Attachment Check List

| Att Doc Num | Name |
|-------------|------------------|
| 401386288 | WELLBORE DIAGRAM |
| 401386289 | WELLBORE DIAGRAM |

Total Attach: 2 Files

General Comments

User Group

Comment

Comment Date

| <u>User Group</u> | <u>Comment</u> | <u>Comment Date</u> |
|--------------------------|-----------------------|----------------------------|
| | | Stamp Upon Approval |

Total: 0 comment(s)