

FORM
6
Rev
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



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Replug By Other Operator

Document Number:

401982286

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.

OGCC Operator Number: <u>100322</u>	Contact Name: <u>Hunter Dunham</u>
Name of Operator: <u>NOBLE ENERGY INC</u>	Phone: <u>(303) 228-4308</u>
Address: <u>1001 NOBLE ENERGY WAY</u>	Fax: _____
City: <u>HOUSTON</u> State: <u>TX</u> Zip: <u>77070</u>	Email: <u>hunter.dunham@nblenergy.com</u>

For "Intent" 24 hour notice required,	Name: <u>Medina, Justin</u>	Tel: <u>(720) 471-0006</u>
COGCC contact:	Email: <u>justin.medina@state.co.us</u>	

API Number: <u>05-001-07085-00</u>	Well Number: <u>3</u>
Well Name: <u>KORTUM</u>	
Location: QtrQtr: <u>SENE</u> Section: <u>21</u> Township: <u>1S</u> Range: <u>67W</u> Meridian: <u>6</u>	
County: <u>ADAMS</u>	Federal, Indian or State Lease Number: _____
Field Name: <u>SPINDLE</u>	Field Number: <u>77900</u>

Notice of Intent to Abandon Subsequent Report of Abandonment

Only Complete the Following Background Information for Intent to Abandon

Latitude: 39.952519 Longitude: -104.886764

GPS Data:
Date of Measurement: 06/14/2012 PDOP Reading: 2.0 GPS Instrument Operator's Name: Sarah Burkhalter

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
SUSSEX	5052	5086			

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	8+7/8	24	100	100	100	0	VISU
1ST	7+7/8	4+1/2	10.5	5,190	150	5,190	4,750	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 590 sacks half in. half out surface casing from 0 ft. to 1400 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: _____ 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: _____ Date: _____

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

COA Type	Description

Attachment Check List

Att Doc Num	Name
402014924	WELLBORE DIAGRAM
402014925	PROPOSED PLUGGING PROCEDURE

Total Attach: 2 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Well File Verification	Pass	03/26/2019
Permit	Verified as drilled lat/long Verified completed interval (327664) Orphan well - complete production reporting unavailable	03/22/2019

Total: 2 comment(s)