


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				DE ET OE ES
	WELL ABANDONMENT REPORT				<b style="color: red;">Replug By Other Operator Document Number: <div style="text-align: center;">401659936</div> Date Received: <div style="text-align: center;">06/06/2018</div>
	<small> 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. </small>				

OGCC Operator Number: <u>100322</u>	Contact Name: <u>Hunter Dunham</u>
Name of Operator: <u>NOBLE ENERGY INC</u>	Phone: <u>(281) 253-6272</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>Pesicka, Conor</u> Tel: <u>(970) 415-0789</u>	
COGCC contact: Email: <u>conor.pesicka@state.co.us</u>	

API Number <u>05-123-05546-00</u>	Well Number: <u>1</u>
Well Name: <u>MALO</u>	
Location: QtrQtr: <u>NWNW</u> Section: <u>21</u> Township: <u>8N</u> Range: <u>59W</u> Meridian: <u>6</u>	
County: <u>WELD</u>	Federal, Indian or State Lease Number: _____
Field Name: <u>WILDCAT</u>	Field Number: <u>99999</u>

☒ **Notice of Intent to Abandon**
 ☐ **Subsequent Report of Abandonment**

<i>Only Complete the Following Background Information for Intent to Abandon</i>	
Latitude: <u>40.653020</u>	Longitude: <u>-103.988950</u>
GPS Data:	
Date of Measurement: <u>04/18/2018</u>	PDOP Reading: <u>1.2</u>
GPS Instrument Operator's Name: <u>Kyle Daley</u>	
Reason for Abandonment: <input type="checkbox"/> Dry <input type="checkbox"/> Production Sub-economic <input type="checkbox"/> Mechanical Problems	
<input checked="" type="checkbox"/> Other <u>RE-ENTER PA WITHNEW CEMENT</u>	
Casing to be pulled: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Estimated Depth: _____
Fish in Hole: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If yes, explain details below
Wellbore has Uncemented Casing leaks: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If yes, explain details below
Details: _____	

Current and Previously Abandoned Zones					
Formation	Perf. Top	Perf. Btm	Abandoned Date	Method of Isolation	Plug Depth
Total: 0 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	99	65	99	5	VISU

Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth _____ with _____ sacks cmt on top. CIPB #2: Depth _____ with _____ 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	100	sks cmt from	6000	ft. to	5750	ft.	Plug Type:	OPEN HOLE	Plug Tagged:	<input type="checkbox"/>
Set	100	sks cmt from	3000	ft. to	2750	ft.	Plug Type:	OPEN HOLE	Plug Tagged:	<input type="checkbox"/>
Set	40	sks cmt from	1600	ft. to	1500	ft.	Plug Type:	OPEN HOLE	Plug Tagged:	<input type="checkbox"/>
Set	435	sks cmt from	1200	ft. to	5	ft.	Plug Type:	OPEN HOLE	Plug Tagged:	<input checked="" type="checkbox"/>
Set	_____	sks cmt from	_____	ft. to	_____	ft.	Plug Type:	_____	Plug Tagged:	<input type="checkbox"/>

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 _____ sacks half in. half out surface casing from _____ ft. to _____ 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: Diane Blair

Title: Engineering Technician Date: 6/6/2018 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: SUTPHIN, DIRK Date: 6/19/2018

CONDITIONS OF APPROVAL, IF ANY: _____ Expiration Date: 12/18/2018

COA Type

Description

	1) Provide 48 hour notice of MIRU via electronic Form 42.
--	---

Attachment Check List

<u>Att Doc Num</u>	<u>Name</u>
401659936	FORM 6 INTENT SUBMITTED
401659953	WELLBORE DIAGRAM
401659954	PROPOSED PLUGGING PROCEDURE
401659955	WELLBORE DIAGRAM
401662375	LOCATION PHOTO
401662376	OTHER
401662378	SURFACE OWNER CONSENT

Total Attach: 7 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Engineer	Plugging: Added 40 sk cement plug at 1600-1500' due to WW Receipt=3613618, Permit=0273222, NWNW 15-8N-59W, 1060' deep. IEL log for subject well Malo 1 shows the zone completed in the WW continues to 1420'. The 435 sk plug proposed at 1200'-surface may be replaced with a 40 sk plug at 600-500' and 60 sks at 150'-surface if operators preference. Aquifers below surface casing: base Fox Hills 370'. U. Pierre aquifer 760-1420'.	06/19/2018
Well File Verification	Well file not found for verification - pass task 06/06/18	06/06/2018
Permit	Returned to draft: --enter all new as built GPS data on Well Info Tab from submitted plat including lat/long	06/06/2018
Permit	--enter as built GPS data on Well Info Tab from submitted plat	06/05/2018
Permit	Returned to draft: --attach location photos and surface access consent as separate attachments --label well location plat as "Plat" and enter GPS coordinate information on the Well Info Tab.	06/04/2018

Total: 5 comment(s)