

FORM
6Rev
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



DE ET OE ES

Document Number:

401071253

Date Received:

07/06/2016

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: 10170

Contact Name: Cameron Clark

Name of Operator: CRIMSON EXPLORATION OPERATING INC

Phone: (713) 236-7561

Address: 717 TEXAS AVENUE SUITE 2900

Fax: (713) 236-4561

City: HOUSTON State: TX Zip: 77002

Email: cclark@contango.com

For "Intent" 24 hour notice required,

Name: Helgeland, Gary

Tel: (970) 216-5749

COGCC contact:

Email: gary.helgeland@state.co.us

API Number 05-001-06811-00

Well Name: DAHLINGER, E. UNIT

Well Number: 1

Location: QtrQtr: SWSW Section: 4 Township: 2S Range: 66W Meridian: 6

County: ADAMS

Federal, Indian or State Lease Number:

Field Name: BUGLE

Field Number: 7800

☒ Notice of Intent to Abandon☐ Subsequent Report of Abandonment

Only Complete the Following Background Information for Intent to Abandon

Latitude: 39.902220

Longitude: -104.787941

GPS Data:

Date of Measurement: 07/10/2010

PDOP Reading: 2.1

GPS Instrument Operator's Name: Jill Czarnowski

Reason for Abandonment:

☐ Dry☒ Production Sub-economic☐ Mechanical Problems☐ OtherCasing 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
MUDDY D	8248	8258	01/01/1975		
J SAND	8348	8303	10/01/1975	BRIDGE PLUG	8271

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	214	175	214	0	VISU
1ST	7+7/8	5+1/2	14	8,469	250	8,469	6,934	CALC
S.C. 1.1				1,443	200	1,443	343	CALC

Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 8200 with 3 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 <u>12</u> sks cmt from <u>3900</u> ft. to <u>6800</u> ft.	Plug Type: <u>CASING</u>	Plug Tagged: <input type="checkbox"/>
Set <u>39</u> sks cmt from <u>1500</u> ft. to <u>1100</u> ft.	Plug Type: <u>CASING</u>	Plug Tagged: <input checked="" type="checkbox"/>
Set _____ sks cmt from _____ ft. to _____ ft.	Plug Type: _____	Plug Tagged: <input type="checkbox"/>
Set <u>39</u> sks cmt from <u>800</u> ft. to <u>500</u> ft.	Plug Type: <u>CASING</u>	Plug Tagged: <input type="checkbox"/>
Set <u>36</u> sks cmt from <u>500</u> ft. to <u>220</u> ft.	Plug Type: <u>CASING</u>	Plug Tagged: <input type="checkbox"/>

Perforate and squeeze at 265 ft. with 40 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 3 sacks at surface

Cut four feet below ground level, weld on plate Above Ground Dry-Hole Marker: ☐ Yes ☒ No

Set 1 sacks in rat hole Set 1 sacks in mouse hole

Additional Plugging Information for Subsequent Report Only

Casing Recovered: 0 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: Alison Denner

Title: Regulatory Analyst Date: 7/6/2016 Email: adenner@contango.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: BURN, DIANA Date: 7/8/2016

CONDITIONS OF APPROVAL, IF ANY: _____

Expiration Date: 1/7/2017

<u>COA Type</u>	<u>Description</u>
	<p>NOTE: Need to run CBL to confirm aquifer isolation (1600' - 0'), submit to COGCC to confirm plugging orders. Changes to submitted plug depths.</p> <p>1) Provide 48 hour notice of plugging MIRU via electronic Form 42.</p> <p>2) For 1500' plug: pump plug and displace, tag plug, needs to be shallower than 1340'. If surface casing plug not circulated to surface then tag plug – must be 164' or shallower and provide 10 sx plug at the surface. Leave at least 100' cement in the casing for each plug.</p> <p>3) Properly abandon flowlines as per Rule 1103. File electronic Form 42 once abandonment complete.</p>

Attachment Check List

<u>Att Doc Num</u>	<u>Name</u>
401071253	FORM 6 INTENT SUBMITTED
401071312	WELLBORE DIAGRAM
401071313	OTHER
401071314	OTHER
401073417	PROPOSED PLUGGING PROCEDURE

Total Attach: 5 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Engineer	<p>Denver 4927 4997 70.9 226 156 19.30 NNT</p> <p>Upper Arapahoe 4679 4896 112.6 474 257 30.64 NNT</p> <p>Lower Arapahoe 4368 4604 96.2 785 549 26.16 NT</p> <p>Laramie-Fox Hills 3760 3973 164.9 1393 1180 39.58 NT</p> <p>Deepest WW 1360'(2)</p>	7/7/2016 3:22:24 PM
Public Room	Document verification complete	7/7/2016 10:11:06 AM
Permit	Pass	7/6/2016 9:25:40 AM
Permit	Please attach plugging procedure.	7/5/2016 1:27:54 PM

Total: 4 comment(s)