

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
Document Number: 401698274			
Date Received: 07/31/2018			

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: 10459 Contact Name: Philip Antonioli
 Name of Operator: EXTRACTION OIL & GAS INC Phone: (720) 354-4603
 Address: 370 17TH STREET SUITE 5300 Fax: _____
 City: DENVER State: CO Zip: 80202 Email: PAntonioli@extractionog.com

For "Intent" 24 hour notice required, Name: Beardslee, Tom Tel: (970) 420-3935
COGCC contact: Email: tom.beardslee@state.co.us

API Number 05-014-09177-00 Well Number: 1
 Well Name: HULSTROM 'G' UNIT
 Location: QtrQtr: SENE Section: 4 Township: 1S Range: 68W Meridian: 6
 County: BROOMFIELD Federal, Indian or State Lease Number: _____
 Field Name: WATTENBERG Field Number: 90750

Notice of Intent to Abandon Subsequent Report of Abandonment

Only Complete the Following Background Information for Intent to Abandon

Latitude: 39.995437 Longitude: -104.999301
 GPS Data:
 Date of Measurement: 11/06/2011 PDOP Reading: 5.6 GPS Instrument Operator's Name: R. Anderson
 Reason for Abandonment: Dry Production Sub-economic Mechanical Problems
 Other _____
 Casing to be pulled: Yes No Estimated Depth: 1194
 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
CODELL	8066	8082			
J SAND	8497	8532			
NIOBRARA	7665	7950			

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	1,094	675	1,094	0	VISU
1ST	7+7/8	4+1/2	11.6	8,660	300	8,660	6,930	CBL

Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 8447 with 2 sacks cmt on top. CIBP #2: Depth 7615 with 2 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 40 sks cmt from 450 ft. to 350 ft. Plug Type: CASING 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 3000 ft. with 50 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 160 sacks half in. half out surface casing from 1345 ft. to 944 ft. Plug Tagged:

Set 10 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:

Deepest water well: 990'
Fox Hills: 864'
Last bradenhead test showed pressure on bradenhead. Sample being sent into the lab for Isotopic analysis.

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

Signed: _____ Print Name: Philip Antonioli
Title: Production Engineer Date: 7/31/2018 Email: PAntonioli@extractionog.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: 9/16/2018

CONDITIONS OF APPROVAL, IF ANY: _____ Expiration Date: 3/15/2019

COA Type	Description
	<p>NOTE CHANGES: plug at 3000' perforated and placed; casing should be pulled at 1294' with plug starting at 1345'; plug at 450'</p> <p>NOTIFY COGCC engineering prior to placing plug at 3000'. The plug at 3000' needs to be placed and have an 8 hour WOC to assure that all fluid migration has been stopped. If that doesn't isolate the flow, additional attempts in front of the surface shoe plug will need to be attempted. All flow must be stopped prior to 1345' plug. Other downhole potential squeeze opportunities may need to be considered before the 3000' plug.</p> <p>1) Provide 48 hour notice of plugging MIRU via electronic Form 42.</p> <p>2) If 385' plug not circulated to surface then tag plug – must be 285' or shallower and provide 10 sx plug at the surface.</p> <p>3) 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>
	Assure that samples of both production casing fluids and Bradenhead fluids are taken prior to plugging and isotopic analysis performed and submitted to COGCC.

Attachment Check List

Att Doc Num	Name
401698274	FORM 6 INTENT SUBMITTED
401706658	WELLBORE DIAGRAM

Total Attach: 2 Files

General Comments

User Group	Comment	Comment Date
Engineer	Lower Arapahoe 4945 5175 95.3 261 31 25.93 NT Laramie-Fox Hills 4342 4574 195.1 864 632 46.81 NT 3 Sisters DIL 1300' Deepest WW 990'	09/16/2018
Permit	JSND & Top of NBRR/Bot of CODL verified in doc #328168 operator states no documentation of Bot perf of NBRR or Top perf of CODL CODL formation top used as CODL top/NBRR bottom per doc #328168 wellbore diagram (doc #401706658) acceptable	08/02/2018
Well File Verification	Pass	07/26/2018
Permit	Sent back to draft since the perms intervals for Niobrara and Codell are combine and not separate for each formation.	07/17/2018

Total: 4 comment(s)