

FORM

6

Rev
02/20

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:

402262999

Date Received:

12/13/2019

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: Gomez, Jason

Tel: (970) 573-1277

COGCC contact:

Email: jason.gomez@state.co.us

Type of Well Abandonment Report: ☐ Notice of Intent to Abandon ☒ Subsequent Report of Abandonment

API Number 05-014-09435-00

Well Name: Livingston

Well Number: 43-07

Location: QtrQtr: NESE Section: 7 Township: 1S Range: 68W Meridian: 6

County: BROOMFIELD

Federal, Indian or State Lease Number:

Field Name: WATTENBERG

Field Number: 90750

Only Complete the Following Background Information for Intent to Abandon

Latitude: 39.977580 Longitude: -105.037000

GPS Data: GPS Quality Value: 4.3 Type of GPS Quality Value: PDOP Date of Measurement: 06/07/2010

GPS Instrument Operator's Name: Paul Tappy

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 belowWellbore 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	8309	8316	11/02/2019	B PLUG CEMENT TOP	7840
NIOBRARA	7894	8074	11/02/2019	B PLUG CEMENT TOP	7840
J SAND	8750	8767	11/02/2019	B PLUG CEMENT TOP	8700

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	1,162	815	1,162	0	CALC
1ST	7+7/8	4+1/2	11.6	8,841	195	8,841	7,582	CBL

Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 8700 with 2 sacks cmt on top. CIPB #2: Depth 7840 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 <u>165</u> sks cmt from <u>2611</u> ft. to <u>2005</u> ft.	Plug Type: <u>STUB PLUG</u>	Plug Tagged: <input checked="" type="checkbox"/>
Set <u>269</u> sks cmt from <u>831</u> ft. to <u>0</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 _____ sks cmt from _____ ft. to _____ ft.	Plug Type: _____	Plug Tagged: <input type="checkbox"/>
Set _____ sks cmt from _____ ft. to _____ ft.	Plug Type: _____	Plug Tagged: <input type="checkbox"/>

Perforate and squeeze at 7530 ft. with 100 sacks. Leave at least 100 ft. in casing 7408 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 182 sacks half in. half out surface casing from 1269 ft. to 831 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: 2505 ft. of 4+1/2 inch casing Cut and Cap Date: 11/15/2019

*Wireline Contractor: KLX Energy Services

*Cementing Contractor: Swabco

Type of Cement and Additives Used: Class G, CC, Silica Flour, Fluid Loss.

Flowline/Pipeline has been abandoned per Rule 1105 ☐ Yes ☐ No

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: Philip Antonioli

Title: Production Engineer Date: 12/13/2019 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: Jacobson, Eric Date: 3/4/2020

CONDITIONS OF APPROVAL, IF ANY:

COA Type

Description

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Attachment Check List

<u>Att Doc Num</u>	<u>Name</u>
402262999	FORM 6 SUBSEQUENT SUBMITTED
402263010	CEMENT JOB SUMMARY
402263011	OTHER
402263012	GYRO SURVEY
402263013	WIRELINE JOB SUMMARY
402263014	WELLBORE DIAGRAM
402263015	OPERATIONS SUMMARY

Total Attach: 7 Files

General Comments

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

Total: 0 comment(s)