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

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Date Received: 10/26/2020

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: 10633 Contact Name: Cole Carveth

Name of Operator: CRESTONE PEAK RESOURCES OPERATING LLC Phone: (303) 774-3979

Address: 1801 CALIFORNIA STREET #2500 Fax:

City: DENVER State: CO Zip: 80202 Email: cole.carveth@crestonepr.com

For "Intent" 24 hour notice required, COGCC contact: Name: Silver, Randy Tel: (720) 827-6688 Email: randy.silver@state.co.us

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

API Number 05-014-20654-00

Well Name: KATS Well Number: 6-4-34

Location: QtrQtr: SWNE Section: 34 Township: 1N 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: 40.010327 Longitude: -104.986132

GPS Data: GPS Quality Value: 2.5 Type of GPS Quality Value: PDOP Date of Measurement: 03/22/2010

GPS Instrument Operator's Name: bstoeppel

Reason for Abandonment: ☐ Dry ☐ Production Sub-economic ☐ Mechanical Problems

☒ Other High Bradenhead Pressure

Casing to be pulled: ☒ Yes ☐ No Estimated Depth: 2800

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	8076	8094			
J SAND	8522	8534			
NIOBRARA	7822	7840			

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	1,096	450	1,096	0	VISU
1ST	7+7/8	4+1/2	11.6	8,666	280	8,666	6,938	CBL
			Stage Tool	5,485	230	5,413	4,207	CBL

Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 8450 with 2 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 15 sks cmt from 7740 ft. to 7543 ft. Plug Type: CASING Plug Tagged: ☐

Set 15 sks cmt from 5535 ft. to 5335 ft. Plug Type: CASING Plug Tagged: ☐

Set 20 sks cmt from 4990 ft. to 4726 ft. Plug Type: CASING Plug Tagged: ☐

Set 100 sks cmt from 2800 ft. to 2500 ft. Plug Type: STUB PLUG Plug Tagged: ☐

Set 235 sks cmt from 750 ft. to 0 ft. Plug Type: CASING Plug Tagged: ☐

Perforate and squeeze at 7822 ft. with 100 sacks. Leave at least 100 ft. in casing 7740 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 140 sacks half in. half out surface casing from 1150 ft. to 750 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. of _____ inch casing Cut and Cap Date: _____

*Wireline Contractor: _____ *Cementing Contractor: _____

Type of Cement and Additives Used: _____

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: Jane Washburn

Title: Sr Prod Engineering Tech Date: 10/26/2020 Email: jane.washburn@crestonepr.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: Wolfe, Stephen Date: 10/29/2020

CONDITIONS OF APPROVAL, IF ANY: Expiration Date: 4/28/2021

COA Type	Description
	Venting Operator shall implement measures to control unnecessary and excessive venting, to protect the health and safety of the public, and to ensure that vapors and odors from well plugging operations do not constitute a nuisance or hazard to public welfare.
	Bradenhead Testing Prior to starting plugging operations a bradenhead test shall be performed if there has not been a reported bradenhead test within the 60 days immediately preceding the start of plugging operations. 1) If, before opening the bradenhead valve, the beginning pressure is greater than 25 psi, sampling is required. 2) If pressure remains at the conclusion of the test, or if any liquids were present during the test, sampling is required. The Form 17 shall be submitted within 10 days of the test. Sampling shall comply with Operator Guidance - Bradenhead Testing and Reporting Instructions. If samples are collected, copies of all final laboratory analytical results shall be provided to the COGCC within three (3) months of collecting the samples. If there is a need for sampling, contact COGCC engineering for verification of plugging procedure.
	Plugging 1) Provide 48 hour notice of plugging MIRU via electronic Form 42. 2) Properly abandon flowlines as per Rule 1105. File electronic Form 42 once abandonment complete. Within 90 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. 3) Plugs and squeezes will be placed as stated in the Plugging Procedure section of the approved NOIA unless revised by COA or prior approval from COGCC is obtained. 4) The wellbore must be static prior to placing cement plugs which are to be a minimum of 100' in length for all but surface plugs. Mechanical isolation requires a 25' cement plug, minimum. For plugs not specified to be tagged, a tag is required if circulation is not maintained while pumping plug and displacing to depth. 5) Place a 50' plug (minimum) at the surface, both inside the inner most casing and in all annular spaces. Surface plugs shall be circulated to surface. Confirm cement to surface in all strings during cut and cap. 6) With the Form 6 SRA operator must provide written documentation which positively affirms each COA has been addressed. 7) Contact COGCC Area Inspector prior to commencing plugging operations. 8) After placing the shallowest hydrocarbon isolating plug (7822'), operator must wait a sufficient time on all subsequent plugs to confirm static conditions. If at any time after placing this plug there is evidence of pressure or of fluid migration, contact COGCC Area Engineer before continuing operations. 9) No current Form 17 on file with COGCC. Contact COGCC area engineer with results of pre-plugging bradenhead test for confirmation of plugging procedure prior to commencing plugging operations. 10) Due to a history of bradenhead pressure as reported on the pre-plugging Form 17, wait 8 hours after pumping plug at 2800', in order to assure that there is no pressure or flow before proceeding with plugging operations. Contact COGCC Area Engineer if well is not static after waiting the 8 hours. 11) Increase cement plug to 5535-5335', adjust cement volume accordingly. Tag required if cement does not circulate to surface, contact COGCC Area Engineer.

Attachment Check List

Att Doc Num	Name
402510720	FORM 6 INTENT SUBMITTED
402510811	WELLBORE DIAGRAM

Total Attach: 2 Files

General Comments

User Group	Comment	Comment Date
Engineer	DWR ADT - Denver Basin Lower Arapahoe 5064 5207 59.0 110 -33 16.05 NNT Laramie-Fox Hils 4355 4622 192.2 819 552 46.13 NNT Lower Arapahoe = 110 + 50 = 160' L-FH = 819 + 50 = 869' WW + Elev + 50 = 1002 + 5174 - 5166 + 50 = 1060' Logs 8/10/08 UPA base 1950'	10/29/2020
Permit	•Verified SHL lat./long. •Verified perfed intervals via Doc. 2032312 •Verified production reporting	10/28/2020

Total: 2 comment(s)