

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:

402445002

Date Received:

07/16/2020

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: 10433 Contact Name: John Grubich
Name of Operator: LARAMIE ENERGY LLC Phone: (970) 812-5312
Address: 1401 17TH STREET SUITE #1400 Fax:
City: DENVER State: CO Zip: 80202 Email: jgrubich@laramie-energy.com

For "Intent" 24 hour notice required, Name: Tel:
COGCC contact: Email:

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

API Number 05-077-08656-00
Well Name: HORSESHOE CANYON Well Number: 3-28
Location: QtrQtr: NWNW Section: 28 Township: 9S Range: 97W Meridian: 6
County: MESA Federal, Indian or State Lease Number: 36002
Field Name: SHIRE GULCH Field Number: 77450

Only Complete the Following Background Information for Intent to Abandon

Latitude: 39.248667 Longitude: -108.227953
GPS Data: GPS Quality Value: 1.8 Type of GPS Quality Value: Date of Measurement: 04/30/2008
GPS Instrument Operator's Name: Alan Vrooman
Reason for Abandonment: Dry Production Sub-economic Mechanical Problems
 Other
Casing 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
COZZETTE	2634	2680	07/09/2020	B PLUG CEMENT TOP	2477
CORCORAN	2864	2902	07/09/2020	B PLUG CEMENT TOP	2477

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
CONDUCTOR	24	18	36	30	100	30	0	CALC
SURF	12+1/4	8+5/8	24	450	325	450	0	CALC
1ST	7+7/8	5+1/2	15.5	3,042	245	3,042	2,380	CBL

Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 2590 with 10 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 20 sks cmt from 70 ft. to 0 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 2175 ft. with 30 sacks. Leave at least 100 ft. in casing _____ CICR Depth
Perforate and squeeze at 500 ft. with 190 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 20 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 Cut and Cap Date: 07/13/2020
of _____
*Wireline Contractor: Ensign Well Services, DLD Pipe *Cementing Contractor: ProPetro
Type of Cement and Additives Used: Premium Class G, Neat G, P-401
Flowline/Pipeline has been abandoned per Rule 1105 Yes No

Technical Detail/Comments:

7/13/20 Cut off wellhead. Cement fell approximately 70'. Batch mix 34 sacks and pumped 20 sacks cement to fill the 5 1/2" casing and annulus to surface.

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

Signed: _____ Print Name: Joan Proulx
Title: Regulatory Analyst Date: 7/16/2020 Email: jproulx@laramie-energy.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: Katz, Aaron Date: 11/30/2020

CONDITIONS OF APPROVAL, IF ANY:

COA Type	Description

Attachment List

<u>Att Doc Num</u>	<u>Name</u>
402445002	FORM 6 SUBSEQUENT SUBMITTED
402445006	CEMENT JOB SUMMARY
402445007	WIRELINE JOB SUMMARY
402445008	WIRELINE JOB SUMMARY
402445009	WELLBORE DIAGRAM

Total Attach: 5 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Engineer	Surface location verified COGCC entered date,depth and isolation method for abandoned zones Production reporting PA status Form 42 FLO DOC# 402445034 Cement volume change for perfs @ 2175' due to inability to pump into perfs 20-25 sacks at surface per operator and pro-petro notes	11/30/2020

Total: 1 comment(s)