

FORM
6Rev
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:

402444836

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 05-077-08658-00

Well Name: HORSESHOE CANYON

Well Number: 3-29

Location: QtrQtr: NWNW Section: 29 Township: 9S Range: 97W Meridian: 6

County: MESA

Federal, Indian or State Lease Number: 36085

Field Name: SHIRE GULCH

Field Number: 77450

Only Complete the Following Background Information for Intent to Abandon

Latitude: 39.249020

Longitude: -108.248962

GPS Data: GPS Quality Value: 1.9 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	2580	2618	07/06/2020	B PLUG CEMENT TOP	2371
CORCORAN	2797	2853	07/06/2020	B PLUG CEMENT TOP	2371
DAKOTA	7041	7203	07/01/2020	B PLUG CEMENT TOP	6918

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
CONDUCTOR	24	16	.25 wall	40	100	40	0	CALC
SURF	12+1/4	8+5/8	24	449	305	449	0	CALC
1ST	7+7/8	5+1/2	15.5	7,339	550	7,339	2,010	CBL

Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 6950 with 6 sacks cmt on top. CIBP #2: Depth 2500 with 12 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 _____ 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: ☐

Set _____ sks cmt from _____ ft. to _____ ft. Plug Type: _____ Plug Tagged: ☐

Perforate and squeeze at 4350 ft. with 30 sacks. Leave at least 100 ft. in casing _____ CICR Depth

Perforate and squeeze at 510 ft. with 40 sacks. Leave at least 100 ft. in casing _____ CICR Depth

Perforate and squeeze at 100 ft. with 30 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 _____ 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: 07/08/2020

*Wireline Contractor: Ensign Well Services, DLD Pipe

*Cementing Contractor: ProPetro

Type of Cement and Additives Used: Premium Glass G, Neat G, P-401

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

Technical Detail/Comments:

6/30/20 Fish was tagged at 1035'.

7/1/20 Fish was removed from wellbore.

6/30/20 During operations, the tubing hangar was unlanded and it was discovered that the tubing is 2 1/16" rather than the 2 3/8" as reported in documentation.

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: _____

<u>COA Type</u>	<u>Description</u>

Attachment List

<u>Att Doc Num</u>	<u>Name</u>
402444836	FORM 6 SUBSEQUENT SUBMITTED
402444856	CEMENT JOB SUMMARY
402444857	WIRELINE JOB SUMMARY
402444858	WIRELINE JOB SUMMARY
402444859	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 depths,date and plug type for abandoned zones Production Reporting PA Status Form 42 FLO DOC#402413799	11/30/2020

Total: 1 comment(s)