

FORM
6Rev
12/05State 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:

400898052

Date Received:

09/10/2015

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: 24320

Contact Name: Dave Peterson

Name of Operator: DIAMOND OPERATING, INC.

Phone: (303) 494-4420

Address: 6666 GUNPARK DR STE #200

Fax: (303) 494-3931

City: BOULDER State: CO Zip: 80301

Email: davep@flatironenergy.com

For "Intent" 24 hour notice required,

Name: Schure, Kym

Tel: (970) 520-3832

COGCC contact:

Email: kym.schure@state.co.us

API Number 05-075-08134-00

Well Name: MARSH

Well Number: 1

Location: QtrQtr: SESE Section: 22 Township: 12N Range: 53W Meridian: 6

County: LOGAN

Federal, Indian or State Lease Number: 33400

Field Name: POW WOW

Field Number: 70000

☒ Notice of Intent to Abandon☐ Subsequent Report of Abandonment

Only Complete the Following Background Information for Intent to Abandon

Latitude: 40.994620

Longitude: -103.269980

GPS Data:

Date of Measurement: 09/03/2010

PDOP Reading: 1.8

GPS Instrument Operator's Name: Duane Russell

Reason for Abandonment:

☐ Dry☒ Production for Sub-economic☐ Mechanical Problems☐ OtherCasing to be pulled: ☒ Yes☐ No

Estimated Depth: 175

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
J SAND	5388	5402		B PLUG CEMENT TOP	5350

Total: 1 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	124	30	124	0	VISU
1ST	7+7/8	5+1/2	14	5,468	125	5,468	4,700	CALC

Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 5350 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 _____ 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 1500 ft. with 40 sacks. Leave at least 100 ft. in casing 1380 CICR Depth

Perforate and squeeze at 700 ft. with 50 sacks. Leave at least 100 ft. in casing 580 CICR Depth

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

(Cast Iron Cement Retainer Depth)

Set 60 sacks half in. half out surface casing from 0 ft. to 175 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 Plugging Date: _____

*Wireline Contractor: _____ *Cementing Contractor: _____

Type of Cement and Additives Used: _____

Flowline/Pipeline has been abandoned per Rule 1103 ☐ Yes ☐ No *ATTACH JOB SUMMARY

Technical Detail/Comments:

Please see attachment.

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

Signed: _____ Print Name: Dave Peterson

Title: President Date: 9/10/2015 Email: davep@flatironenergy.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: SUTPHIN, DIRK Date: 9/17/2015

CONDITIONS OF APPROVAL, IF ANY: _____ Expiration Date: 3/16/2016

COA Type

Description

	1) Provide 48 hour notice of MIRU via electronic Form 42.
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Attachment Check List

<u>Att Doc Num</u>	<u>Name</u>
400898052	FORM 6 INTENT SUBMITTED
400898076	WELLBORE DIAGRAM
400898077	PROPOSED PLUGGING PROCEDURE

Total Attach: 3 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Engineer	Changed calc TOC to 4700'. Noticed the plug at 700' proposes 50 sx. 40 sx is ok.	9/17/2015 12:22:12 PM
Permit	Completion report located: 00283680- 07/08/1969.	9/15/2015 1:36:49 PM

Total: 2 comment(s)