

FORM
6Rev
12/05

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

Replug By Other Operator

Document Number:

401158528

Date Received:

12/01/2016

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: 10311

Contact Name: Monica Patel

Name of Operator: SYNERGY RESOURCES CORPORATION

Phone: (610) 7504586

Address: 20203 HIGHWAY 60

Fax:

City: PLATTEVILLE State: CO Zip: 80651

Email: mpatel@syrinfo.com

For "Intent" 24 hour notice required,

Name: Gomez, Jason

Tel: (970) 573-1277

COGCC contact:

Email: jason.gomez@state.co.us

API Number 05-123-05182-00

Well Name: MILLIKEN

Well Number: 1

Location: QtrQtr: NESW Section: 15 Township: 5N Range: 66W Meridian: 6

County: WELD

Federal, Indian or State Lease Number:

Field Name: WILDCAT

Field Number: 99999

☒ Notice of Intent to Abandon☐ Subsequent Report of Abandonment

Only Complete the Following Background Information for Intent to Abandon

Latitude: 40.397984

Longitude: -104.768081

GPS Data:

Date of Measurement:

PDOP Reading:

GPS Instrument Operator's Name:

Reason for Abandonment:

☐ Dry☐ Production Sub-economic☐ Mechanical Problems☒ Other Offset Mitigation for future pads

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

Total: 0 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+1/2	10+3/4	51	294	250	294	0	VISU

Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth _____ with _____ 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	150	sks cmt from	6980	ft. to	6730	ft.	Plug Type:	OPEN HOLE	Plug Tagged:	<input type="checkbox"/>
Set	60	sks cmt from	5730	ft. to	5630	ft.	Plug Type:	OPEN HOLE	Plug Tagged:	<input type="checkbox"/>
Set	60	sks cmt from	4630	ft. to	4530	ft.	Plug Type:	OPEN HOLE	Plug Tagged:	<input type="checkbox"/>
Set	65	sks cmt from	3530	ft. to	3430	ft.	Plug Type:	OPEN HOLE	Plug Tagged:	<input type="checkbox"/>
Set	350	sks cmt from	500	ft. to	0	ft.	Plug Type:	STUB PLUG	Plug Tagged:	<input type="checkbox"/>

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

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 _____ 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:

Synergy realizes that we may not get to the depth desired for our cement plugs due to potentially collapsed/shifted formation. We will mill out the cement already in the well and then do a 'wash run' down to the depth the well will allow. If that depth is <6900', we will re-adjust plugs and contact the COGCC.

Was unable to find the size of the surface hole, or the weight of the surface casing. The numbers in there are guesses, because the form would not let me submit without numbers in there. Because I didn't know the casing grade, I went heavy on my cement for the plug to surface (meaning I guessed the weight to be less so that the diameter would be bigger).

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

Signed: _____ Print Name: Monica Patel

Title: Completions Engineer Date: 12/1/2016 Email: mpatel@syrginfo.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: JENKINS, STEVE Date: 12/7/2016

CONDITIONS OF APPROVAL, IF ANY: _____

Expiration Date: 6/6/2017

COA Type	Description
	1) Provide 48 hour notice of plugging MIRU via electronic Form 42. 2) For the 500' plug: pump plug and displace. If surface casing plug is not circulated to surface then tag plug – must be at 244' or shallower and provide 10 sx plug at the surface. Leave at least 100' of cement in the casing for each plug. 3) Properly abandon flowlines as per Rule 1103. File electronic Form 42 once abandonment complete. 4) Prior to starting plugging operations a Bradenhead test shall be performed. If the beginning pressure is greater than 25 psi, or if pressure remains at the conclusion of the test, or if any liquids were present contact COGCC Engineering for sampling requirements. The Form 17 shall be submitted within 10 days of the test.
	Need as-drilled lat/long on form 6 subsequent.

Attachment Check List

Att Doc Num	Name
401158528	FORM 6 INTENT SUBMITTED
401158554	WELLBORE DIAGRAM
401158555	PROPOSED PLUGGING PROCEDURE

Total Attach: 3 Files

General Comments

User Group	Comment	Comment Date
Public Room	Well file not found - pass task 12/05/16	12/05/2016

Total: 1 comment(s)