

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



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Document Number:

401032578

Date Received:

04/28/2016

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: Helgeland, Gary

Tel: (970) 216-5749

COGCC contact:

Email: gary.helgeland@state.co.us

API Number 05-001-07569-00

Well Name: EDSTROM

Well Number: 3

Location: QtrQtr: SESW Section: 8 Township: 1S Range: 67W Meridian: 6

County: ADAMS

Federal, Indian or State Lease Number:

Field Name: SPINDLE

Field Number: 77900

☒ Notice of Intent to Abandon☐ Subsequent Report of Abandonment

Only Complete the Following Background Information for Intent to Abandon

Latitude: 39.973733

Longitude: -104.915008

GPS Data:

Date of Measurement: 08/09/2010

PDOP Reading: 4.8

GPS Instrument Operator's Name: Steve Robison

Reason for Abandonment: ☐ Dry ☐ Production Sub-economic ☐ Mechanical Problems☒ Other Abandonment started by Bayswater, numerous holes in casingCasing to be pulled: ☒ Yes ☐ No

Estimated Depth: 3000

Fish in Hole: ☐ Yes ☐ No If yes, explain details belowWellbore has Uncemented Casing leaks: ☒ Yes ☐ No If yes, explain details below

Details: Well had an intent to abandon filed before being sold to Synergy Resources. Intent form 6 had listed leaks from 623'-2866'. CIBP was set 50' above top perf in anticipation of P&A.

Current and Previously Abandoned Zones

Formation	Perf. Top	Perf. Btm	Abandoned Date	Method of Isolation	Plug Depth
SUSSEX	5077	5100	06/03/2014	B PLUG CEMENT TOP	5020

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	226	250	226	0	VISU
1ST	7+7/8	4+1/2	11.6	5,203	200	5,203	4,400	CALC

Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 5020 with 5 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 <u>35</u> sks cmt from <u>3050</u> ft. to <u>2950</u> ft.	Plug Type: <u>STUB PLUG</u>	Plug Tagged: <input type="checkbox"/>
Set <u>80</u> sks cmt from <u>1170</u> ft. to <u>970</u> ft.	Plug Type: <u>OPEN HOLE</u>	Plug Tagged: <input checked="" type="checkbox"/>
Set <u>40</u> sks cmt from <u>800</u> ft. to <u>700</u> ft.	Plug Type: <u>OPEN HOLE</u>	Plug Tagged: <input type="checkbox"/>
Set _____ sks cmt from _____ ft. to _____ ft.	Plug Type: _____	Plug Tagged: <input type="checkbox"/>
Set _____ sks cmt from _____ ft. to _____ ft.	Plug Type: _____	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 225 sacks half in. half out surface casing from 500 ft. to 0 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:

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: Completons Engineer Date: 4/28/2016 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: BURN, DIANA Date: 7/10/2016

CONDITIONS OF APPROVAL, IF ANY: _____

Expiration Date: 1/9/2017

COA Type	Description
	<p>NOTE: Changes in plugging procedure - additional plugs</p> <p>1) Provide 48 hour notice of plugging MIRU via electronic Form 42.</p> <p>2) Plug at 1170' should be pumped, WOC and tagged (shallower than 990'). Additional 40 sx plug at 800'. If surface casing plug not circulated to surface, then tag plug – must be 175' or shallower and provide 10 sx plug at the surface. Leave at least 100' cement in the casing for each plug.</p> <p>3) Properly abandon flowlines as per Rule 1103. File electronic Form 42 once abandonment complete.</p>
	Operator must provide accurate well location GPS coordinates on Subsequent Report of Abandonment in accordance with COGCC As-Built Location Policy and Rule 215.

Attachment Check List

Att Doc Num	Name
401032578	FORM 6 INTENT SUBMITTED
401032622	PROPOSED PLUGGING PROCEDURE
401037121	WELLBORE DIAGRAM

Total Attach: 3 Files

General Comments

User Group	Comment	Comment Date
Engineer	<p>Lower Arapahoe 4818 5068 106.9 352 102 29.07 NNT</p> <p>Laramie-Fox Hills 4127 4385 204.1 1043 785 48.98 NT</p> <p>Deepest 1117'</p>	7/10/2016 1:59:44 PM
Permit	Passed.	5/18/2016 3:58:39 PM
Permit	<p>- As-Built GPS coordiantes provided are off by ~112', verified using COGCC GIS and Google Earth. Adding GPS coordinate COA.</p> <p>- Revised Field Name to Wattenberg.</p> <p>- Zones Tab Top Production Interval discrepancy, Missing Date Abandoned, Method of Isolation, and Plug depth.</p>	4/27/2016 10:30:37 AM
Public Room	Document verification complete 04/21/16	4/21/2016 12:07:34 PM

Total: 4 comment(s)