

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: 401198111			
Date Received: 01/31/2017			

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: 1625 BROADWAY SUITE 300	Fax:
City: DENVER State: CO Zip: 80202	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 05-123-28022-00	Well Number: 31-33
Well Name: LAKES	
Location: QtrQtr: NWSE Section: 31 Township: 6N Range: 66W Meridian: 6	
County: WELD	Federal, Indian or State Lease Number:
Field Name: BRACEWELL	Field Number: 7487

☒ Notice of Intent to Abandon ☐ Subsequent Report of Abandonment

Only Complete the Following Background Information for Intent to Abandon

Latitude: 40.442450	Longitude: -104.818950
GPS Data:	
Date of Measurement: 02/04/2009	PDOP Reading: 0.4
GPS Instrument Operator's Name: INTERMILL LAND	
Reason for Abandonment: <input type="checkbox"/> Dry <input type="checkbox"/> Production Sub-economic <input type="checkbox"/> Mechanical Problems	
<input checked="" type="checkbox"/> Other Offset mitigation for Orr/Orr State pad	
Casing to be pulled: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Estimated Depth: 854
Fish in Hole: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If yes, explain details below
Wellbore has Uncemented Casing leaks: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If yes, explain details below
Details:	

Current and Previously Abandoned Zones

Formation	Perf. Top	Perf. Btm	Abandoned Date	Method of Isolation	Plug Depth
CODELL	7012	7028			
NIOBRARA	6820	6844			

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
SURF	12+1/4	8+5/8	24	844	590	844	0	VISU
1ST	7+7/8	4+1/2	11.6	7,119	498	7,119	1,990	CBL

Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth _____ with _____ 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	5	sks cmt from	6770	ft. to	6720	ft.	Plug Type:	CASING	Plug Tagged:	<input type="checkbox"/>
Set	355	sks cmt from	904	ft. to	0	ft.	Plug Type:	STUB PLUG	Plug Tagged:	<input type="checkbox"/>
Set	20	sks cmt from	4262	ft. to	4142	ft.	Plug Type:	CASING	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 6820 ft. with 25 sacks. Leave at least 100 ft. in casing 6770 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:

Would like to plug this well ASAP, adjusted procedure

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: 1/31/2017 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: HICKEY, MIKE Date: 2/17/2017

CONDITIONS OF APPROVAL, IF ANY: _____ Expiration Date: 8/16/2017

COA Type

Description

1) Submit Form 42 electronically to COGCC 48 hours prior to MIRU.
2) Properly abandon flowlines. Once flowlines are properly abandoned, file electronic form 42.
3) For 904' plug: pump plug and displace. If cement is not circulated to surface, shut-in, WOC 4 hours and tag plug – top of plug must be not deeper than 794' and provide minimum 10 sx plug at the surface. Leave at least 100' of cement in the wellbore for each plug.

Attachment Check List

<u>Att Doc Num</u>	<u>Name</u>
401198111	FORM 6 INTENT SUBMITTED
401198137	PROPOSED PLUGGING PROCEDURE
401198138	WELLBORE DIAGRAM

Total Attach: 3 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Engineer	Added 20 sx casing plug at the operator's request to cover sussex due to offset production within 1 mile.	02/17/2017
Public Room	Document verification complete 01/27/17	01/31/2017

Total: 2 comment(s)