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Replug By Other Operator
 Document Number:
 400813538
 Date Received:

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: Brianne Visconti
 Name of Operator: SYNERGY RESOURCES CORPORATION Phone: (970) 737-1073
 Address: 20203 HIGHWAY 60 Fax: (970) 737-1045
 City: PLATTEVILLE State: CO Zip: 80651 Email: bvisconti@syrginfo.com

For "Intent" 24 hour notice required, Name: Schure, Kym Tel: (970) 520-3832
COGCC contact: Email: kym.schure@state.co.us

API Number 05-087-07094-00
 Well Name: WIRTH Well Number: 3
 Location: QtrQtr: SENE Section: 1 Township: 6N Range: 59W Meridian: 6
 County: MORGAN Federal, Indian or State Lease Number: _____
 Field Name: LOAM Field Number: 50700

Notice of Intent to Abandon **Subsequent Report of Abandonment**

Only Complete the Following Background Information for Intent to Abandon

Latitude: 40.519177 Longitude: -103.921596
 GPS Data:
 Date of Measurement: _____ PDOP Reading: _____ GPS Instrument Operator's Name: _____
 Reason for Abandonment: Dry Production for Sub-economic Mechanical Problems
 Other Horizontal Offset Policy
 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: Synergy Resources Corporation is drilling a horizontal well that offsets the Wirth 3. We propose this reentry plan as mitigation, per the Horizontal Offset Policy. Wellbore diagrams attached, as well as the proposed procedure.

Current and Previously Abandoned Zones

Formation	Perf. Top	Perf. Btm	Abandoned Date	Method of Isolation	Plug Depth
D & J SAND	6492	6612	07/24/1968	CEMENT	
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	137	100	137	0	CALC

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 40 sks cmt from 1500 ft. to 1400 ft. Plug Type: OPEN HOLE 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 _____ 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 245 sacks half in. half out surface casing from 430 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:

Synergy Resources Corporation has submitted a permit for the Conrad 44-1GHZ, which will be a horizontal well. The Wirth 3 is offset to the Conrad 44-1GHZ, and was plugged in 7/24/1968. This well will need to be mitigated according to the Horizontal Offset Policy prior to the completion of the Conrad 44-1GHZ. Synergy proposes this Re-Entry plan, which includes setting a Balance with 45 sacks from 1500' - 1400' and a surface plug with 245 sacks of cement from 430' up to surface. Synergy is working with the Surface owner to locate this P&A well; the surface owner is also the mineral owner in the proposed horizontal well.

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

Signed: _____ Print Name: Brianne Visconti
Title: Operations Administrator Date: _____ Email: bvisconti@syrinfo.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: _____ Date: _____

CONDITIONS OF APPROVAL, IF ANY: _____

Expiration Date: _____

Attachment Check List

<u>Att Doc Num</u>	<u>Name</u>
400813551	WELLBORE DIAGRAM
400813552	PROPOSED PLUGGING PROCEDURE
400813553	WELLBORE DIAGRAM

Total Attach: 3 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>

Total: 0 comment(s)