

**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 |
| Document Number:<br><b>400700587</b> |    |    |    |
| Date Received:<br><b>10/08/2014</b>  |    |    |    |

**SUNDRY NOTICE**

Submit a signed original. This form is to be used for general, technical and environmental sundry information. For proposed or completed operations, describe in full in Comments or provide as an attachment. Identify Well by API Number; identify Oil and Gas Location by Location ID Number; identify other Facility by Facility ID Number.

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

Complete the Attachment  
Checklist

OP OGCC

API Number : 05- 123 39720 00 OGCC Facility ID Number: 437833  
 Well/Facility Name: SRC KIEHN Well/Facility Number: 21-4CHZ  
 Location QtrQtr: SWSE Section: 4 Township: 4N Range: 68W Meridian: 6  
 County: WELD Field Name: WATTENBERG  
 Federal, Indian or State Lease Number: \_\_\_\_\_

|                     |  |  |
|---------------------|--|--|
| Survey Plat         |  |  |
| Directional Survey  |  |  |
| Srvc Eqpmt Diagram  |  |  |
| Technical Info Page |  |  |
| Other               |  |  |

**CHANGE OF LOCATION OR AS BUILT GPS REPORT**

- Change of Location \*     As-Built GPS Location Report     As-Built GPS Location Report with Survey

\* Well location change requires new plat. A substantive surface location change may require new Form 2A.

**SURFACE LOCATION GPS DATA** Data must be provided for Change of Surface Location and As Built Reports.

Latitude 40.335727 PDOP Reading 1.2 Date of Measurement 12/12/2013  
 Longitude -105.005147 GPS Instrument Operator's Name Brett Birch

**LOCATION CHANGE (all measurements in Feet)**

Well will be: HORIZONTAL (Vertical, Directional, Horizontal)

Change of **Surface** Footage **From** Exterior Section Lines:

Change of **Surface** Footage **To** Exterior Section Lines:

Current **Surface** Location **From** QtrQtr SWSE Sec 4

New **Surface** Location **To** QtrQtr SWSE Sec 4

Change of **Top of Productive Zone** Footage **From** Exterior Section Lines:

Change of **Top of Productive Zone** Footage **To** Exterior Section Lines:

Current **Top of Productive Zone** Location **From** Sec 4

New **Top of Productive Zone** Location **To** Sec 9

Change of **Bottomhole** Footage **From** Exterior Section Lines:

Change of **Bottomhole** Footage **To** Exterior Section Lines:

Current **Bottomhole** Location Sec 4 Twp 4N

New **Bottomhole** Location Sec 9 Twp 4N

Is location in High Density Area? \_\_\_\_\_

Distance, in feet, to nearest building 930, public road: 1289, above ground utility: 1170, railroad: 5280,  
 property line: 171, lease line: 171, well in same formation: 440

Ground Elevation 5064 feet Surface owner consultation date \_\_\_\_\_

| FNL/FSL       |                  | FEL/FWL           |               |
|---------------|------------------|-------------------|---------------|
| <u>201</u>    | <u>FSL</u>       | <u>1918</u>       | <u>FEL</u>    |
| <u>171</u>    | <u>FSL</u>       | <u>1741</u>       | <u>FEL</u>    |
| Twp <u>4N</u> | Range <u>68W</u> | Meridian <u>6</u> |               |
| Twp <u>4N</u> | Range <u>68W</u> | Meridian <u>6</u> |               |
| <u>470</u>    | <u>FSL</u>       | <u>1985</u>       | <u>FWL</u>    |
| <u>2211</u>   | <u>FNL</u>       | <u>768</u>        | <u>FEL</u> ** |
| Twp <u>4N</u> | Range <u>68W</u> |                   |               |
| Twp <u>4N</u> | Range <u>68W</u> |                   |               |
| <u>470</u>    | <u>FNL</u>       | <u>1925</u>       | <u>FWL</u>    |
| <u>2190</u>   | <u>FSL</u>       | <u>460</u>        | <u>FWL</u> ** |

\*\* attach deviated drilling plan

**CHANGE OR ADD OBJECTIVE FORMATION AND/OR SPACING UNIT**

| <u>Objective Formation</u> | <u>Formation Code</u> | <u>Spacing Order Number</u> | <u>Unit Acreage</u> | <u>Unit Configuration</u> |
|----------------------------|-----------------------|-----------------------------|---------------------|---------------------------|
| CODELL                     | CODL                  |                             | 320                 | N/2                       |

**OTHER CHANGES**

**REMOVE FROM SURFACE BOND** Signed surface use agreement is a required attachment

**CHANGE OF WELL, FACILITY OR OIL & GAS LOCATION NAME OR NUMBER**

From: Name SRC KIEHN Number 21-4CHZ Effective Date: 10/05/2014

To: Name SRC Weis Number 12-9CHZ

**ABANDON PERMIT: Permit can only be abandoned if the permitted operation has NOT been conducted. Field inspection will be conducted to verify site status.**

WELL: Abandon Application for Permit-to-Drill (Form2) – Well API Number \_\_\_\_\_ has not been drilled.

PIT: Abandon Earthen Pit Permit (Form 15) – COGCC Pit Facility ID Number \_\_\_\_\_ has not been constructed (Permitted and constructed pit requires closure per Rule 905)

CENTRALIZED E&P WASTE MANAGEMENT FACILITY: Abandon Centralized E&P Waste Management Facility Permit (Form 28) – Facility ID Number \_\_\_\_\_ has not been constructed (Constructed facility requires closure per Rule 908)

OIL & GAS LOCATION ID Number: \_\_\_\_\_

Abandon Oil & Gas Location Assessment (Form 2A) – Location has not been constructed and site will not be used in the future.

Keep Oil & Gas Location Assessment (Form 2A) active until expiration date. This site will be used in the future.

**Surface disturbance from Oil and Gas Operations must be reclaimed per Rule 1003 and Rule 1004.**

**REQUEST FOR CONFIDENTIAL STATUS**

**DIGITAL WELL LOG UPLOAD**

**DOCUMENTS SUBMITTED** Purpose of Submission: \_\_\_\_\_

**RECLAMATION**

**INTERIM RECLAMATION**

Interim Reclamation will commence approximately \_\_\_\_\_

Per Rule 1003.e.(3) operator shall submit Sundry Notice reporting interim reclamation is complete and site is ready for inspection when vegetation reaches 80% coverage.

Interim reclamation complete, site ready for inspection.

Per Rule 1003.e(3) describe interim reclamation procedure in Comments below or provide as an attachment and attach required location photographs.

**Field inspection will be conducted to document Rule 1003.e. compliance**

**FINAL RECLAMATION**

Final Reclamation will commence approximately \_\_\_\_\_

Per Rule 1004.c.(4) operator shall submit Sundry Notice reporting final reclamation is complete and site is ready for inspection when vegetation reaches 80% coverage.

Final reclamation complete, site ready for inspection. Per Rule 1004.c(4) describe final reclamation procedure in Comments below or provide as an attachment.

**Field inspection will be conducted to document Rule 1004.c. compliance**

Comments:

**ENGINEERING AND ENVIRONMENTAL WORK**

NOTICE OF CONTINUED TEMPORARILY ABANDONED STATUS

Indicate why the well is temporarily abandoned and describe future plans for utilization in the COMMENTS box below or provide as an attachment, as required by Rule 319.b.(3).

Date well temporarily abandoned \_\_\_\_\_ Has Production Equipment been removed from site? \_\_\_\_\_

Mechanical Integrity Test (MIT) required if shut in longer than 2 years. Date of last MIT \_\_\_\_\_

SPUD DATE: \_\_\_\_\_

**TECHNICAL ENGINEERING AND ENVIRONMENTAL WORK**

Details of work must be described in full in the COMMENTS below or provided as an attachment.

NOTICE OF INTENT Approximate Start Date 10/15/2014

REPORT OF WORK DONE Date Work Completed \_\_\_\_\_

|  |   |  |
|--|---|--|
| <input type="checkbox"/> Intent to Recomplete (Form 2 also required) | <input type="checkbox"/> Request to Vent or Flare   | <input type="checkbox"/> E&P Waste Mangement Plan      |
| <input checked="" type="checkbox"/> Change Drilling Plan             | <input type="checkbox"/> Repair Well  | <input type="checkbox"/> Beneficial Reuse of E&P Waste |
| <input type="checkbox"/> Gross Interval Change                       | <input type="checkbox"/> Rule 502 variance requested. Must provide detailed info regarding request. |  |
| <input type="checkbox"/> Other _____                                 | <input type="checkbox"/> Status Update/Change of Remediation Plans for Spills and Releases          |  |

COMMENTS:

**CASING AND CEMENTING CHANGES**

| Casing Type  | Size | Of | / | Hole | Size | Of | / | Casing | Wt/Ft | Csg/LinTop | Setting Depth | Sacks of Cement | Cement Bottom | Cement Top |
|--------------|------|----|---|------|------|----|---|--------|-------|------------|---------------|-----------------|---------------|------------|
| First String | 8    | 3  |   | 4    | 7    |    |   |        | 26    | 0          | 8200          | 660             | 8200          | 3000       |
| 1ST LINER    | 6    | 1  |   | 8    | 4    | 1  |   | 2      | 11.6  | 8000       | 12288         |                 |               |            |

**H2S REPORTING**

Data Fields in this section are intended to document Sample and Location Data associated with the collection of a Gas Sample that is submitted for Laboratory Analysis.

Gas Analysis Report must be attached.

H2S Concentration: \_\_\_\_\_ in ppm (parts per million) Date of Measurement or Sample Collection \_\_\_\_\_

Description of Sample Point:

Absolute Open Flow Potential \_\_\_\_\_ in CFPD (cubic feet per day)

Description of Release Potential and Duration (If flow is not open to the atmosphere, identify the duration in which the container or pipeline would likely be opened for servicing operations.):

Distance to nearest occupied residence, school, church, park, school bus stop, place of business, or other areas where the public could reasonably be expected to frequent: \_\_\_\_\_

Distance to nearest Federal, State, County, or municipal road or highway owned and principally maintained for public use: \_\_\_\_\_

COMMENTS:

### **Best Management Practices**

**No BMP/COA Type**

**Description**

**Operator Comments:**

The SHL has changed, along with the lateral, well name, and spacing unit. Initially, Synergy was going to drill from section 16 north into section 9, however seismic revealed a large fault, which prohibited drilling in a south to north orientation. The sundried lateral has an east to west orientation, which will allow us to develop the minerals in section 9. All the revised documents are attached.

There are no offset wells within 1500' of the proposed wellbore.

Proposed Spacing unit is 320 acres and includes the N/2 of Section 9, Township 4N, Range 68W. Synergy has 100% of the lease hold in the proposed spacing unit.

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 Email: bvisconti@syrginfo.com Date: 10/8/2014

Based on the information provided herein, this Sundry Notice (Form 4) complies with COGCC Rules and applicable orders and is hereby approved.

COGCC Approved: \_\_\_\_\_ Date: \_\_\_\_\_

**CONDITIONS OF APPROVAL, IF ANY:**

**General Comments**

| <b><u>User Group</u></b> | <b><u>Comment</u></b>              | <b><u>Comment Date</u></b> |
|--------------------------|------------------------------------|----------------------------|
| Permit                   | Returned to draft for casing info. | 10/9/2014<br>11:27:31 AM   |

Total: 1 comment(s)

**Attachment Check List**

| <b><u>Att Doc Num</u></b> | <b><u>Name</u></b>     |
|---------------------------|------------------------|
| 400700587                 | FORM 4 SUBMITTED       |
| 400704759                 | DIRECTIONAL DATA       |
| 400704762                 | DEVIATED DRILLING PLAN |
| 400704764                 | PROPOSED SPACING UNIT  |
| 400704765                 | WELL LOCATION PLAT     |

Total Attach: 5 Files