

**FORM INSP**  
Rev 05/11

**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 |
|----|----|----|----|

Inspection Date:  
05/27/2014

Document Number:  
668301575

Overall Inspection:  
SATISFACTORY

**FIELD INSPECTION FORM**

|                     |               |               |                         |                          |             |
|---------------------|---------------|---------------|-------------------------|--------------------------|-------------|
| Location Identifier | Facility ID   | Loc ID        | Inspector Name:         | On-Site Inspection       | 2A Doc Num: |
|                     | <u>433547</u> | <u>433548</u> | <u>JOHNSON, RANDELL</u> | <input type="checkbox"/> |             |

**Operator Information:**

|                       |   |
|-----------------------|---|
| OGCC Operator Number: | <u>10311</u>  |
| Name of Operator:     | <u>SYNERGY RESOURCES CORPORATION</u>                  |
| Address:              | <u>20203 HIGHWAY 60</u>                               |
| City:                 | <u>PLATTEVILLE</u> State: <u>CO</u> Zip: <u>80651</u> |

- THIS IS A FOLLOW UP INSPECTION
- FOLLOW UP INSPECTION REQUIRED
- NO FOLLOW UP INSPECTION REQUIRED
- INSPECTOR REQUESTS FORM 42 WHEN CORRECTIVE ACTIONS ARE COMPLETED

**Contact Information:**

| Contact Name      | Phone        | Email                    | Comment |
|-------------------|--------------|--------------------------|---------|
| Pennington, Dave  | 970-737-1073 | dpennington@syrginfo.com |         |
| Sandquist, Rhonda | 970-737-1073 | rsandquist@syrginfo.com  |         |
| Rasmuson, Craig   | 970-737-1073 | crasmuson@syrginfo.com   |         |

**Compliance Summary:**

QtrQtr: SENE Sec: 32 Twp: 1N Range: 66W

**Inspector Comment:**

**Related Facilities:**

| Facility ID | Type | Status | Status Date | Well Class | API Num   | Facility Name   | Insp Status |                                     |
|-------------|------|--------|-------------|------------|-----------|-----------------|-------------|-------------------------------------|
| 433546      | WELL | DG     | 01/06/2014  | LO         | 123-37682 | Phelps A-32CHZ  | PR          | <input checked="" type="checkbox"/> |
| 433547      | WELL | DG     | 03/02/2014  | LO         | 123-37683 | Phelps 12-32CHZ | PR          | <input checked="" type="checkbox"/> |
| 433549      | WELL | DG     | 01/26/2014  | LO         | 123-37684 | Phelps 11-32CHZ | PR          | <input checked="" type="checkbox"/> |
| 433550      | WELL | DG     | 11/25/2013  | LO         | 123-37685 | Phelps 12-32NHZ | PR          | <input checked="" type="checkbox"/> |
| 433551      | WELL | AL     | 11/15/2013  | LO         | 123-37686 | Phelps K-32NHZ  | AL          | <input type="checkbox"/>            |
| 433552      | WELL | DG     | 11/10/2013  | LO         | 123-37687 | Phelps 11-32NHZ | DG          | <input type="checkbox"/>            |
| 433553      | WELL | DG     | 12/18/2013  | LO         | 123-37688 | PHELPS A-32NHZX | DG          | <input type="checkbox"/>            |
| 433554      | WELL | AL     | 11/15/2013  | LO         | 123-37689 | Phelps K-32CHZ  | AL          | <input type="checkbox"/>            |
| 433960      | WELL | AL     | 11/15/2013  | LO         | 123-37871 | Phelps 13-32NHZ | AL          | <input type="checkbox"/>            |
| 433961      | WELL | XX     | 08/23/2013  | LO         | 123-37872 | Phelps A-32NHZ  | PR          | <input checked="" type="checkbox"/> |
| 433962      | WELL | AL     | 11/15/2013  | LO         | 123-37873 | Phelps 13-32CHZ | AL          | <input type="checkbox"/>            |

**Equipment:**

Location Inventory

|  |
|--|
|  |
|--|

|                             |                           |                       |                         |
|-----------------------------|---------------------------|-----------------------|-------------------------|
| Special Purpose Pits: _____ | Drilling Pits: _____      | Wells: <u>12</u>      | Production Pits: _____  |
| Condensate Tanks: <u>20</u> | Water Tanks: <u>6</u>     | Separators: <u>12</u> | Electric Motors: _____  |
| Gas or Diesel Motors: _____ | Cavity Pumps: _____       | LACT Unit: _____      | Pump Jacks: _____       |
| Electric Generators: _____  | Gas Pipeline: <u>1</u>    | Oil Pipeline: _____   | Water Pipeline: _____   |
| Gas Compressors: <u>1</u>   | VOC Combustor: <u>6</u>   | Oil Tanks: _____      | Dehydrator Units: _____ |
| Multi-Well Pits: _____      | Pigging Station: <u>1</u> | Flare: _____          | Fuel Tanks: _____       |

**Location**

| <b>Signs/Marker:</b> |                              |   |                                       |            |
|----------------------|------------------------------|---|---------------------------------------|------------|
| Type                 | Satisfactory/Action Required | Comment   | Corrective Action                     | CA Date    |
| WELLHEAD             | ACTION REQUIRED              | Wellheads do not have the required well name, well location, operator name or emergency contact information signage | Install sign to comply with rule 210. | 07/10/2014 |
| BATTERY              | SATISFACTORY                 |   |                                       |            |
| TANK LABELS/PLACARDS | ACTION REQUIRED              | Production tanks do not have the required contents or capacity signage  | Install sign to comply with rule 210. | 07/10/2014 |

Emergency Contact Number (S/A/V): SATISFACTORY Corrective Date: \_\_\_\_\_

Comment: \_\_\_\_\_

Corrective Action: \_\_\_\_\_

| <b>Spills:</b>   |      |        |                   |         |
|--|------|--------|-------------------|---------|
| Type   | Area | Volume | Corrective action | CA Date |
| <input type="checkbox"/> Multiple Spills and Releases? |      |        |                   |         |

| <b>Equipment:</b>           |   |                              |   |                   |         |
|-----------------------------|---|------------------------------|---|-------------------|---------|
| Type                        | # | Satisfactory/Action Required | Comment                                       | Corrective Action | CA Date |
| Emission Control Device     | 4 | SATISFACTORY                 |   |                   |         |
| Gas Meter Run               | 6 | SATISFACTORY                 | Operator check meter on outlets of separators |                   |         |
| Horizontal Heated Separator | 6 | SATISFACTORY                 |   |                   |         |
| Compressor                  | 1 | SATISFACTORY                 | Gaslift compressor                            |                   |         |
| Other                       | 6 | SATISFACTORY                 | VRU towers                                    |                   |         |
| Gas Meter Run               | 1 | SATISFACTORY                 | Pipeline meter                                |                   |         |
| Plunger Lift                | 5 | SATISFACTORY                 |   |                   |         |
| VRU                         | 1 | SATISFACTORY                 |   |                   |         |

**Facilities:**  New Tank Tank ID: \_\_\_\_\_

|          |   |          |                |                       |
|----------|---|----------|----------------|-----------------------|
| Contents | # | Capacity | Type           | SE GPS                |
| OTHER    | 4 | OTHER    | FIBERGLASS AST | 40.011000,-104.792930 |

S/A/V: SATISFACTORY Comment: **Contents and capacity unknown - no signage**

Corrective Action: \_\_\_\_\_ Corrective Date: \_\_\_\_\_

Paint

|           |          |
|-----------|----------|
| Condition | Adequate |
|-----------|----------|

Other (Content) \_\_\_\_\_

Other (Capacity) \_\_\_\_\_

Other (Type) \_\_\_\_\_

Berms

|       |          |                     |                     |             |
|-------|----------|---------------------|---------------------|-------------|
| Type  | Capacity | Permeability (Wall) | Permeability (Base) | Maintenance |
| Metal | Adequate | Walls Sufficient    | Base Sufficient     | Adequate    |

Corrective Action \_\_\_\_\_ Corrective Date \_\_\_\_\_

Comment \_\_\_\_\_

**Facilities:**  New Tank Tank ID: \_\_\_\_\_

|          |    |          |           |                       |
|----------|----|----------|-----------|-----------------------|
| Contents | #  | Capacity | Type      | SE GPS                |
| OTHER    | 12 | OTHER    | STEEL AST | 40.011000,-104.792930 |

S/A/V: SATISFACTORY Comment: **Contents and capacity unknown - no signage**

Corrective Action: \_\_\_\_\_ Corrective Date: \_\_\_\_\_

Paint

|           |          |
|-----------|----------|
| Condition | Adequate |
|-----------|----------|

Other (Content) \_\_\_\_\_

Other (Capacity) \_\_\_\_\_

Other (Type) \_\_\_\_\_

Berms

|       |          |                     |                     |             |
|-------|----------|---------------------|---------------------|-------------|
| Type  | Capacity | Permeability (Wall) | Permeability (Base) | Maintenance |
| Metal | Adequate | Walls Sufficient    | Base Sufficient     | Adequate    |

Corrective Action \_\_\_\_\_ Corrective Date \_\_\_\_\_

Comment \_\_\_\_\_

**Venting:**

|        |  |
|--------|--|
| Yes/No | Comment                                    |
| YES    | <b>Venting gas out of production tanks</b> |

**Flaring:**

|      |                              |         |                   |         |
|------|------------------------------|---------|-------------------|---------|
| Type | Satisfactory/Action Required | Comment | Corrective Action | CA Date |
|      |                              |         |                   |         |

**Predrill**

Location ID: 433547

**Site Preparation:**

Lease Road Adeq.: \_\_\_\_\_ Pads: \_\_\_\_\_ Soil Stockpile: \_\_\_\_\_

**S/A/V:** \_\_\_\_\_

Corrective Action: \_\_\_\_\_ Date: \_\_\_\_\_ CDP Num.: \_\_\_\_\_

**Form 2A COAs:**

**S/A/V:** \_\_\_\_\_ **Comment:** \_\_\_\_\_

**CA:** \_\_\_\_\_ **Date:** \_\_\_\_\_

**Wildlife BMPs:**

| BMP Type                               | Comment  |
|--|--|
| Construction                           | Hay bales will be used on the south and west sides of the location.                          |
| Material Handling and Spill Prevention | A permanent berm will be constructed between the location and the pond and irrigation ditch. |

**S/A/V:** \_\_\_\_\_ **Comment:** \_\_\_\_\_

**CA:** \_\_\_\_\_ **Date:** \_\_\_\_\_

**Stormwater:**

**Comment:** \_\_\_\_\_

**Staking:**

**On Site Inspection (305):**

Surface Owner Contact Information:

Name: \_\_\_\_\_ Address: \_\_\_\_\_

Phone Number: \_\_\_\_\_ Cell Phone: \_\_\_\_\_

Operator Rep. Contact Information:

Landman Name: \_\_\_\_\_ Phone Number: \_\_\_\_\_

Date Onsite Request Received: \_\_\_\_\_ Date of Rule 306 Consultation: \_\_\_\_\_

Request LGD Attendance: \_\_\_\_\_

LGD Contact Information:

Name: \_\_\_\_\_ Phone Number: \_\_\_\_\_ Agreed to Attend: \_\_\_\_\_

Summary of Landowner Issues:

\_\_\_\_\_

Summary of Operator Response to Landowner Issues:

\_\_\_\_\_

Onsite Inspection Memorandum Summarizing Discussions at Inspection as Attachment:

\_\_\_\_\_

**Facility**

Facility ID: 433546 Type: WELL API Number: 123-37682 Status: DG Insp. Status: PR

**Producing Well**

Comment: **PR**

Facility ID: 433547 Type: WELL API Number: 123-37683 Status: DG Insp. Status: PR

**Producing Well**

Comment: **PR**

Facility ID: 433549 Type: WELL API Number: 123-37684 Status: DG Insp. Status: PR

**Producing Well**

Comment: PR

Facility ID: 433550 Type: WELL API Number: 123-37685 Status: DG Insp. Status: PR

**Producing Well**

Comment: PR

Facility ID: 433961 Type: WELL API Number: 123-37872 Status: XX Insp. Status: PR

**Producing Well**

Comment: PR

**Environmental**

**Spills/Releases:**

Type of Spill: \_\_\_\_\_ Description: \_\_\_\_\_ Estimated Spill Volume: \_\_\_\_\_  
 Comment: \_\_\_\_\_  
 Corrective Action: \_\_\_\_\_ Date: \_\_\_\_\_  
 Reportable: \_\_\_\_\_ GPS: Lat \_\_\_\_\_ Long \_\_\_\_\_  
 Proximity to Surface Water: \_\_\_\_\_ Depth to Ground Water: \_\_\_\_\_

**Water Well:**

DWR Receipt Num: \_\_\_\_\_ Owner Name: \_\_\_\_\_ GPS : \_\_\_\_\_ Lat \_\_\_\_\_ Long \_\_\_\_\_

**Field Parameters:**

Sample Location: \_\_\_\_\_

Emission Control Burner (ECB): \_\_\_\_\_  
 Comment: \_\_\_\_\_  
 Pilot: \_\_\_\_\_ Wildlife Protection Devices (fired vessels): \_\_\_\_\_

**Reclamation - Storm Water - Pit**

**Interim Reclamation:**

Date Interim Reclamation Started: \_\_\_\_\_ Date Interim Reclamation Completed: \_\_\_\_\_  
 Land Use: RANGELAND  
 Comment: \_\_\_\_\_  
 1003a. Debris removed? Pass CM \_\_\_\_\_  
 CA \_\_\_\_\_ CA Date \_\_\_\_\_  
 Waste Material Onsite? Pass CM \_\_\_\_\_  
 CA \_\_\_\_\_ CA Date \_\_\_\_\_  
 Unused or unneeded equipment onsite? Pass CM \_\_\_\_\_  
 CA \_\_\_\_\_ CA Date \_\_\_\_\_  
 Pit, cellars, rat holes and other bores closed? Pass CM \_\_\_\_\_

CA \_\_\_\_\_ CA Date \_\_\_\_\_  
 Guy line anchors removed? Pass CM \_\_\_\_\_  
 CA \_\_\_\_\_ CA Date \_\_\_\_\_  
 Guy line anchors marked? \_\_\_\_\_ CM \_\_\_\_\_  
 CA \_\_\_\_\_ CA Date \_\_\_\_\_

1003b. Area no longer in use? In Production areas stabilized ? In  
 1003c. Compacted areas have been cross ripped? \_\_\_\_\_  
 1003d. Drilling pit closed? \_\_\_\_\_ Subsidence over on drill pit? \_\_\_\_\_  
 Cuttings management: \_\_\_\_\_  
 1003e. Areas no longer needed for drilling or subsequent operations for have been re-vegetated to 80% of pre-existing? In  
 Production areas have been stabilized? In Segregated soils have been replaced? \_\_\_\_\_

**RESTORATION AND REVEGETATION**

Cropland

Top soil replaced \_\_\_\_\_ Recontoured \_\_\_\_\_ Perennial forage re-established \_\_\_\_\_

Non-Cropland

Top soil replaced \_\_\_\_\_ Recontoured \_\_\_\_\_ 80% Revegetation \_\_\_\_\_

1003 f. Weeds Noxious weeds? \_\_\_\_\_

Comment: \_\_\_\_\_

Overall Interim Reclamation In Process

**Final Reclamation/ Abandoned Location:**

Date Final Reclamation Started: \_\_\_\_\_ Date Final Reclamation Completed: \_\_\_\_\_

Final Land Use: RANGELAND

Reminder: \_\_\_\_\_

Comment: \_\_\_\_\_

Well plugged \_\_\_\_\_ Pit mouse/rat holes, cellars backfilled \_\_\_\_\_

Debris removed \_\_\_\_\_ No disturbance /Location never built \_\_\_\_\_

Access Roads Regraded \_\_\_\_\_ Contoured \_\_\_\_\_ Culverts removed \_\_\_\_\_

Gravel removed \_\_\_\_\_

Location and associated production facilities reclaimed \_\_\_\_\_ Locations, facilities, roads, recontoured \_\_\_\_\_

Compaction alleviation \_\_\_\_\_ Dust and erosion control \_\_\_\_\_

Non cropland: Revegetated 80% \_\_\_\_\_ Cropland: perennial forage \_\_\_\_\_

Weeds present \_\_\_\_\_ Subsidence \_\_\_\_\_

Comment: \_\_\_\_\_

Corrective Action: \_\_\_\_\_ Date \_\_\_\_\_

Overall Final Reclamation \_\_\_\_\_ Well Release on Active Location  Multi-Well Location

**Storm Water:**

| Loc Erosion BMPs | BMP Maintenance | Lease Road Erosion BMPs | Lease BMP Maintenance | Chemical BMPs | Chemical BMP Maintenance | Comment |
|------------------|-----------------|-------------------------|-----------------------|---------------|--------------------------|---------|
| Compaction       | Pass            | Compaction              | Pass                  |               |                          |         |
| Gravel           | Pass            | Gravel                  | Pass                  |               |                          |         |

S/A/V: SATISFACTOR  
Y

Corrective Date: \_\_\_\_\_

Comment: \_\_\_\_\_

CA: \_\_\_\_\_

**Pits:**  NO SURFACE INDICATION OF PIT