

**FORM
INSP**Rev
X/15**State of Colorado
Oil and Gas Conservation Commission**1120 Lincoln Street, Suite 801, Denver, Colorado 80203
Phone: (303) 894-2100 Fax: (303) 894-2109

Inspection Date:

02/06/2017

Submitted Date:

04/20/2017

Document Number:

672500387**FIELD INSPECTION FORM**Loc ID 441696 Inspector Name: Gomez, Jason On-Site Inspection ☐ 2A Doc Num: _____**Operator Information:**OGCC Operator Number: 10311Name of Operator: SYNERGY RESOURCES CORPORATIONAddress: 1625 BROADWAY SUITE 300City: DENVER State: CO Zip: 80202**Status Summary:**

- ☐ THIS IS A FOLLOW UP INSPECTION
- ☐ FOLLOW UP INSPECTION REQUIRED
- ☐ NO FOLLOW UP INSPECTION REQUIRED

Findings:3 Number of Comments0 Number of Corrective Actions☐ Corrective Action Response Requested**Contact Information:**

| Contact Name | Phone | Email | Comment |
|------------------|-------|-------------------------|------------------------------------|
| Pennington, Dave | | dpennington@syrinfo.com | Synergy Inspection |

Inspected Facilities:

| Facility ID | Type | Status | Status Date | Well Class | API Num | Facility Name | Insp Status |
|-------------|------|--------|-------------|------------|-----------|------------------|-------------|
| 441687 | WELL | DG | 09/15/2016 | LO | 123-41459 | Evans 3N-14B-XR | WO |
| 441688 | WELL | DG | 09/16/2016 | LO | 123-41460 | Evans 4N-14A-XR | WO |
| 441689 | WELL | DG | 08/11/2016 | LO | 123-41461 | Evans 25N-14B-L | WO |
| 441690 | WELL | DG | 08/11/2016 | LO | 123-41462 | Evans 9N-14C-L | WO |
| 441691 | WELL | DG | 08/11/2016 | LO | 123-41463 | Evans 10N-14C-L | WO |
| 441693 | WELL | DG | 08/11/2016 | LO | 123-41465 | Evans 24N-14B-L | WO |
| 441694 | WELL | DG | 09/16/2016 | LO | 123-41466 | Evans 29C-14-XR | WO |
| 441697 | WELL | DG | 09/16/2016 | LO | 123-41468 | Evans 4N-14C-XR | WO |
| 441698 | WELL | DG | 08/11/2016 | LO | 123-41469 | Evans 9C-14-L | WO |
| 441699 | WELL | DG | 09/16/2016 | LO | 123-41470 | Evans 29N-14C-XR | WO |
| 441700 | WELL | DG | 09/16/2016 | LO | 123-41471 | Evans 4N-14B-XR | WO |
| 441701 | WELL | DG | 09/15/2016 | LO | 123-41472 | Evans 10N-14A-L | WO |
| 441702 | WELL | DG | 09/15/2016 | LO | 123-41473 | Evans 25C-14-L | WO |
| 441703 | WELL | DG | 09/16/2016 | LO | 123-41474 | Evans 4C-14-XR | WO |
| 441704 | WELL | DG | 08/11/2016 | LO | 123-41475 | Evans 24N-14C-L | WO |
| 441705 | WELL | DG | 09/15/2016 | LO | 123-41476 | Evans 11N-14C-L | WO |
| 441706 | WELL | DG | 09/15/2016 | LO | 123-41477 | Evans 29N-14A-XR | WO |
| 441707 | WELL | DG | 08/11/2016 | LO | 123-41478 | Evans 10N-14B-L | WO |
| 441708 | WELL | DG | 09/16/2016 | LO | 123-41479 | Evans 30N-14B-XR | WO |

General Comment:

LocationOverall Good: ☐

Emergency Contact Number:

Comment: Corrective Action: Date: Overall Good: ☐**Spills:**

| Type | Area | Volume | | | |
|------|------|--------|--|--|--|

In Containment: No

Comment: ☐ Multiple Spills and Releases?**Venting:**

| | | | |
|--------------------|----|-------|--|
| Yes/No | NO | | |
| Comment: | | | |
| Corrective Action: | | Date: | |

Flaring:

| | | |
|--------------------|---|-------|
| Type | Field Flare | |
| Comment: | ENCLOSED ECD ON LOCATION NOT IN USE AT TIME OF INSPECTION | |
| Corrective Action: | | Date: |

Inspected Facilities

Facility ID: 441687 Type: WELL API Number: 123-41459 Status: DG Insp. Status: WO

Complaint

Comment: [Complaint #: 200441039](#)

Field Inspector Assigned: Jason E. Gomez

Complaint Received:

Date: 2-6-2017 Time 1400 Hrs

Contacted by Inspector:

Date: 2-6-2017 Time 1400 Hrs

Well Number#: Location #: 441696

Inspection Document #: 672500387

Complainant: Amy Hoffman Phone: 970-388-3944

Address: 3620 Portofino Ave, Evans CO 80620

Nature of complaint: Noise

Field Inspector Actions:
On 2-6-2017, I was contacted by James Precup NE supervisor of the COGCC in reference to a noise complaint at the residence of the complainant Amy Hoffman 3620 Portofino Ave Evans co 80620.

I attempted to contact the complainant on 2-6-2017 but was unable to contact at that time.

I performed site inspections of the Evans pad located to the south of the complainant's residence. See inspection doc#672500387 for details of inspection. See attached sound studies from location.

LT Environmental, Inc. (LTE), completed a sound survey at the SRC Evans pad, as requested by Synergy Resources Corporation (Synergy), between February 13 and 15, 2017. The survey was completed at a location approximately 350 feet north of the sound wall at the SRC Evans pad (Site), which is located in the southwest quarter of the northwest quarter and the southeast quarter of the northwest quarter of Section 26, Township 5 North, Range 66 West. The land use just north of the Site is agricultural, with residences and livestock pens located approximately 0.3 miles northeast and northwest of the Site. At the time of the sound surveys, fracing operations were taking place at the Site.

A 15-minute sound survey was completed on January 13, 2017, at a location 350 feet north of the north sound wall. The 15-minute survey was completed using a hand-held Quest Technologies 2100 Sound Level Meter, and the survey was completed per Colorado Oil and Gas Conservation Commission (COGCC) Rule 802 requirements. Readings were collected every 30 seconds, alternating between A-scale and C-scale weighting. In addition, a wind speed reading was recorded every 30 seconds as well. The average A-scale readings for the survey was 51.42 decibels A-scale (dBA) with an average wind speed of 1.91 miles per hour (mph). The average C-scale reading was 72.26 decibels C-scale (dBC) with an average wind speed of 2.25 mph. Influence on the results due to wind speed is considered negligible, as all readings were below the 5 mph limit set in COGCC Rule 802.c.2. Although the C-scale readings were greater than 65 dBC, the location where the survey was conducted was not near a receptor.

A 24-hour A-scale sound survey was completed between January 13 and January 14, 2017. The survey was completed using a data logging sound meter (a Noise Sentry RT manufactured by Convergence Instruments) weighted to the A-scale. The data logger began logging at 10:50 am on January 13, and let run for just over 24 hours, until 11:55 am on January 14. The data logger collected maximum, average, and minimum sound pressure levels in 15 second intervals. The average A-scale reading over the duration of the survey was 54.98 dBA. Weather was monitored from a personal weather station located approximately 1 mile northeast of the Site. The average wind speed for the A-

| | | |
|--------------------|---|-------|
| | <p>scale survey was 3.07 mph, with gusts up to 10 mph. There was a period between 12:00 pm 4:00 pm on January 13 when the wind speeds ranged from 3 mph to 10 mph; however, the data is still applicable. Please see the attached Figure 1 for a graphical representation of the data.</p> <p>A C-scale sound survey was completed between January 14 and January 15, 2017, using the same Noise Sentry RT data logging sound meter, weighted to the C-scale. The data logger began logging at 11:55 am on January 14 and left to run for approximately 26 hours. The logger again collected maximum, average, and minimum sound pressure levels in 15 second intervals. The average C-scale reading for the duration of the survey was 75.06</p> | |
| Corrective Action: | | Date: |

Well Stimulation

| | |
|---|---|
| Stimulation Company: <u>HALLIBURTON</u> | Stimulation Type: <u>HYDRAULIC FRAC</u> |
| Observation: | Other: _____ |
| Maximum Casing Recorded: _____ PSI | Tubing: _____ |
| Surface: _____ | Intermediate: _____ |
| Production: _____ | Instantaneous Shut-In Pressure (ISIP) <u>8900</u> |
| Bradenhead Psi: _____ | Frac Flow Back: Fluid: _____ Gas: _____ |
| Comment: _____ | |
| Corrective Action: _____ | Date: _____ |

| | | | | |
|----------------------------|-------------------|------------------------------|-------------------|-------------------------|
| Facility ID: <u>441688</u> | Type: <u>WELL</u> | API Number: <u>123-41460</u> | Status: <u>DG</u> | Insp. Status: <u>WO</u> |
|----------------------------|-------------------|------------------------------|-------------------|-------------------------|

| | | | | |
|----------------------------|-------------------|------------------------------|-------------------|-------------------------|
| Facility ID: <u>441689</u> | Type: <u>WELL</u> | API Number: <u>123-41461</u> | Status: <u>DG</u> | Insp. Status: <u>WO</u> |
|----------------------------|-------------------|------------------------------|-------------------|-------------------------|

| | | | | |
|----------------------------|-------------------|------------------------------|-------------------|-------------------------|
| Facility ID: <u>441690</u> | Type: <u>WELL</u> | API Number: <u>123-41462</u> | Status: <u>DG</u> | Insp. Status: <u>WO</u> |
|----------------------------|-------------------|------------------------------|-------------------|-------------------------|

| | | | | |
|----------------------------|-------------------|------------------------------|-------------------|-------------------------|
| Facility ID: <u>441691</u> | Type: <u>WELL</u> | API Number: <u>123-41463</u> | Status: <u>DG</u> | Insp. Status: <u>WO</u> |
|----------------------------|-------------------|------------------------------|-------------------|-------------------------|

| | | | | |
|----------------------------|-------------------|------------------------------|-------------------|-------------------------|
| Facility ID: <u>441693</u> | Type: <u>WELL</u> | API Number: <u>123-41465</u> | Status: <u>DG</u> | Insp. Status: <u>WO</u> |
|----------------------------|-------------------|------------------------------|-------------------|-------------------------|

| | | | | |
|----------------------------|-------------------|------------------------------|-------------------|-------------------------|
| Facility ID: <u>441694</u> | Type: <u>WELL</u> | API Number: <u>123-41466</u> | Status: <u>DG</u> | Insp. Status: <u>WO</u> |
|----------------------------|-------------------|------------------------------|-------------------|-------------------------|

| | | | | |
|----------------------------|-------------------|------------------------------|-------------------|-------------------------|
| Facility ID: <u>441697</u> | Type: <u>WELL</u> | API Number: <u>123-41468</u> | Status: <u>DG</u> | Insp. Status: <u>WO</u> |
|----------------------------|-------------------|------------------------------|-------------------|-------------------------|

| | | | | |
|----------------------------|-------------------|------------------------------|-------------------|-------------------------|
| Facility ID: <u>441698</u> | Type: <u>WELL</u> | API Number: <u>123-41469</u> | Status: <u>DG</u> | Insp. Status: <u>WO</u> |
|----------------------------|-------------------|------------------------------|-------------------|-------------------------|

| | | | | |
|----------------------------|-------------------|------------------------------|-------------------|-------------------------|
| Facility ID: <u>441699</u> | Type: <u>WELL</u> | API Number: <u>123-41470</u> | Status: <u>DG</u> | Insp. Status: <u>WO</u> |
|----------------------------|-------------------|------------------------------|-------------------|-------------------------|

| | | | | |
|----------------------------|-------------------|------------------------------|-------------------|-------------------------|
| Facility ID: <u>441700</u> | Type: <u>WELL</u> | API Number: <u>123-41471</u> | Status: <u>DG</u> | Insp. Status: <u>WO</u> |
|----------------------------|-------------------|------------------------------|-------------------|-------------------------|

| | | | | |
|----------------------------|-------------------|------------------------------|-------------------|-------------------------|
| Facility ID: <u>441701</u> | Type: <u>WELL</u> | API Number: <u>123-41472</u> | Status: <u>DG</u> | Insp. Status: <u>WO</u> |
|----------------------------|-------------------|------------------------------|-------------------|-------------------------|

| | | | | |
|----------------------------|-------------------|------------------------------|-------------------|-------------------------|
| Facility ID: <u>441702</u> | Type: <u>WELL</u> | API Number: <u>123-41473</u> | Status: <u>DG</u> | Insp. Status: <u>WO</u> |
|----------------------------|-------------------|------------------------------|-------------------|-------------------------|

| | | | | |
|---------------------|------------|-----------------------|------------|------------------|
| Facility ID: 441703 | Type: WELL | API Number: 123-41474 | Status: DG | Insp. Status: WO |
| Facility ID: 441704 | Type: WELL | API Number: 123-41475 | Status: DG | Insp. Status: WO |
| Facility ID: 441705 | Type: WELL | API Number: 123-41476 | Status: DG | Insp. Status: WO |
| Facility ID: 441706 | Type: WELL | API Number: 123-41477 | Status: DG | Insp. Status: WO |
| Facility ID: 441707 | Type: WELL | API Number: 123-41478 | Status: DG | Insp. Status: WO |
| Facility ID: 441708 | Type: WELL | API Number: 123-41479 | Status: DG | Insp. Status: WO |

Environmental

Spill/Remediation:

Comment:

Corrective
Action:

Date:

Emission Control Burner (ECB): YES

Comment:

Pilot: ON

Wildlife Protection Devices (fired vessels): YES

Reclamation - Storm Water - Pit**Storm Water:**

| Loc Erosion BMPs | BMP Maintenance | Lease Road Erosion BMPs | Lease BMP Maintenance | Chemical BMPs | Chemical BMP Maintenance | Comment |
|------------------|-----------------|-------------------------|-----------------------|--|--------------------------|---------|
| Gravel | Pass | Gravel | Pass | Vehicle Tracking | Pass | |
| Ditches | Pass | Ditches | Pass | | | |
| Compaction | Pass | Compaction | Pass | Material Handling And Spill Prevention | Pass | |
| Rip Rap | Pass | Rip Rap | Pass | | | |
| Culverts | Pass | Culverts | Pass | | | |

Comment: Corrective Action: Date: **Pits:** ☒ NO SURFACE INDICATION OF PIT**Attached Documents**You can go to COGCC Images (<https://cogcc.state.co.us/weblink/>) and search by document number:

| Document Num | Description | URL |
|--------------|----------------------|---|
| 401264537 | INSPECTION SUBMITTED | http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4128774 |