

**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: _____

Status Summary:

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

Operator Information:

OGCC Operator Number: 10311
Name of Operator: SYNERGY RESOURCES CORPORATION
Address: 1625 BROADWAY SUITE 300
City: DENVER State: CO Zip: 80202

Findings:

- 3 Number of Comments
- 0 Number of Corrective Actions
- Corrective Action Response Requested

Contact Information:

Contact Name	Phone	Email	Comment
Pennington, Dave		dpennington@syrginfo.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:

Location

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

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
Culverts	Pass	Culverts	Pass			
Gravel	Pass	Gravel	Pass	Vehicle Tracking	Pass	
Ditches	Pass	Ditches	Pass			
Rip Rap	Pass	Rip Rap	Pass			
Compaction	Pass	Compaction	Pass	Material Handling And Spill Prevention	Pass	

Comment:

Corrective Action:

Date: _____

Pits: NO SURFACE INDICATION OF PIT