

**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

Inspection Date:

09/02/2016

Document Number:

674103646

Overall Inspection:

SATISFACTORY**FIELD INSPECTION FORM**

Location Identifier	Facility ID	Loc ID	Inspector Name:	On-Site Inspection	2A Doc Num:
	438620	438622	Rickard, Jeff	<input type="checkbox"/>	

Operator Information:OGCC Operator Number: 10311Name of Operator: SYNERGY RESOURCES CORPORATIONAddress: 20203 HIGHWAY 60City: PLATTEVILLE State: CO Zip: 80651

- ☐ 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		dpennington@syrinfo.com	Synergy Inspection

Compliance Summary:QtrQtr: NWNE Sec: 5 Twp: 5N Range: 66W

Insp. Date	Doc Num	Insp. Type	Insp Status	Satisfactory /Action Required	PA P/F/I	Pas/Fail (P/F)	Violation (Y/N)
09/09/2014	673801348	XX	DG	SATISFACTORY			No

Inspector Comment:**Related Facilities:**

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	Insp Status	
438618	WELL	WO	02/25/2016	LO	123-40063	SRC Wiedeman 22-5-4NBHZ	WO	<input checked="" type="checkbox"/>
438619	WELL	DG	02/25/2016	LO	123-40064	SRC Wiedeman A-5-3NBHZ	WO	<input checked="" type="checkbox"/>
438620	WELL	DG	02/25/2016	LO	123-40065	SRC Wiedeman 12-5-4CHZ	WO	<input checked="" type="checkbox"/>
438621	WELL	DG	02/25/2016	LO	123-40066	SRC Wiedeman 11-5-3NCHZ	WO	<input checked="" type="checkbox"/>
438623	WELL	WO	02/25/2016	LO	123-40067	SRC Wiedeman 22-5-4CHZ	WO	<input checked="" type="checkbox"/>
438624	WELL	DG	02/25/2016	LO	123-40068	SRC Wiedeman 12-5-4NCHZ	WO	<input checked="" type="checkbox"/>
438625	WELL	DG	02/25/2016	LO	123-40069	SRC Wiedeman 21-5-3NBHZ	WO	<input checked="" type="checkbox"/>
439787	WELL	WO	06/09/2016	LO	123-40560	SRC Wiedeman 21-5-3CHZ	WO	<input checked="" type="checkbox"/>

Equipment:**Location Inventory**

Inspector Name: Rickard, Jeff

Special Purpose Pits: _____	Drilling Pits: _____	Wells: <u>8</u>	Production Pits: _____
Condensate Tanks: _____	Water Tanks: <u>4</u>	Separators: <u>8</u>	Electric Motors: _____
Gas or Diesel Mortors: _____	Cavity Pumps: _____	LACT Unit: _____	Pump Jacks: _____
Electric Generators: _____	Gas Pipeline: _____	Oil Pipeline: _____	Water Pipeline: _____
Gas Compressors: _____	VOC Combustor: <u>4</u>	Oil Tanks: <u>16</u>	Dehydrator Units: _____
Multi-Well Pits: _____	Pigging Station: _____	Flare: _____	Fuel Tanks: _____

Location

Emergency Contact Number (S/AR): _____ Corrective Date: _____

Comment: _____

Corrective Action: _____

Spills:

Type	Area	Volume	Corrective action	CA Date
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☐ Multiple Spills and Releases?

Venting:

Yes/No	
Comment	

Flaring:

Type	Satisfactory/Action Required
Comment:	
Corrective Action:	Correct Action Date:

Predrill

Location ID: 438620

Lease Road Adeq.: _____ Pads: _____ Soil Stockpile: _____

S/AR: _____

Corrective Action: _____ Date: _____ CDP Num.: _____

Form 2A COAs:

Group	User	Comment	Date
OGLA	andrewsd	Operator shall provide notice to COGCC 48 hours prior to commencing construction of this Oil and Gas Location via Form 42.	07/31/2014

S/AR: _____ Comment: _____

CA: _____ Date: _____

Wildlife BMPs:

BMP Type	Comment
Dust control	Traffic dust control will be done utilizing water on all County Roads leading up to the pad site.
Drilling/Completion Operations	A closed –loop system will be used for drilling operations.
Noise mitigation	The drill site will be powered by electricity, mitigating the majority of noise from drilling operations. Sound walls and/or hay bales will be used to surround the well site during drilling operations.

Construction	Light sources during all phases of operations will be directed downwards and away from occupied structures where possible. Once the drilling and completion rigs leave the site, there will be no permanently installed lighting on site. Lighting shall be mounted at compressor stations on a pole or building and directed downward to illuminate key areas within the facility, while minimizing the amount of light projected outside the facility.
Material Handling and Spill Prevention	Leak Detention Plan: Pumper will visit the location daily and visually inspect all tanks and fittings for leaks. Additionally, monthly documented SPCCP inspections are conducted pursuant to 40 CFR 112.
Planning	Construction : Berm Construction. Tank berms shall be constructed of steel rings with a synthetic or engineered liner and designed to contain 150% of the capacity of the largest tank. All berms will be visually checked periodically to ensure proper working condition. Secondary containment devices shall be sufficiently impervious to contain any spilled or released material. Tertiary containment, such as an earthen berm, will be installed around production facilities.
Final Reclamation	Final Reclamation Within 90 days subsequent to the time of plugging and abandonment of the entire site, superfluous debris and equipment shall be removed from the site. Identification of plugged and abandoned wells will be identified pursuant to 319.a.(5)
Planning	Multi-well Pads are located in a manner which allows for resource extraction while maintaining the highest distances possible from the offsetting residential areas and complies with the wishes of the surface owner.
Planning	Blowout Prevention Equipment ("BOPE"): A double ram and annular preventer will be used during drilling. Stabbing valves shall be installed in the event of reverse circulation and shall be prior tested with low and high pressure fluid.
Traffic control	Access Roads: The access road will be constructed to accommodate local emergency vehicles. This road will be maintained for access at all times. Traffic will be routed to minimize local interruption.
General Housekeeping	Trash Removal: All trash, debris and material not intrinsic to the operation of the oil and gas facility shall be removed and legally disposed of as applicable.
Construction	Berm Construction: Tanks berms shall be constructed of steel rings with a synthetic or engineered liner and designed to contain 150% of the capacity of the largest tank. All berms will be visually checked periodically to ensure proper working condition.
Planning	Visual Impacts: All long term facility structures will be painted a color that enables the facilities to blend in with the natural background color of the landscape, as seen from a viewing distance and location typically used by the public. Maintain appearance with garbage clean-up; a trash bin will be located on site to accumulate waste by the personnel drilling the wells. Site will have unused equipment, trash and junk removed immediately.
Planning	Control of fire hazards: All material that is considered a fire hazard shall be a minimum of 25' from the wellhead tanks or separators. Electrical equipment shall comply with API IRP 500 and will comply with the current national electrical code.
Emissions mitigation	Emissions Mitigation Green Completions - Emission Control System: Test separators and associated flow lines and sand traps shall be installed on-site to accommodate green completions techniques pursuant to COGCC Rules. In the anticipated absence of a viable gas sales line, the flowback gas shall be thermally oxidized in an emissions control device (ECD), which will be installed and kept in operable condition for least the first 90-days of production pursuant to CDPHE rules. This ECD shall have an adequate capacity for 1.5 times the largest flowback within a 10 mile radius, will be flanged to route gas to other or permanent oxidizing equipment and shall be provided with the equipment needed to maintain combustions where non-combustible gases are present.
Material Handling and Spill Prevention	Tank Specifications: Tanks will be designed, constructed and maintained in accordance with NFPA Code 30. The tanks are visually inspected once a day for issues, and recorded inspections are conducted once a month.
Planning	Fencing: A meeting with the surface owner will determine a fencing plan

S/AR: _____ **Comment:** _____

CA: _____ **Date:** _____

Inspector Name: Rickard, Jeff

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: 438618 Type: WELL API Number: 123-40063 Status: WO Insp. Status: WO

Idle Well

Purpose: ☒ Shut In ☐ Temporarily Abandoned Reminder: _____

S/A/V: _____ CA Date: _____

CA: _____

Comment: Waiting Completion.

BradenHead

Comment: Braden head is exposed at surface.

CA: _____

CA Date: _____

Facility ID: 438619 Type: WELL API Number: 123-40064 Status: DG Insp. Status: WO

Idle Well

Purpose: ☒ Shut In ☐ Temporarily Abandoned Reminder: _____

S/A/V: _____ CA Date: _____

CA: _____

Comment: Waiting Completion

BradenHead

Comment: Braden head is exposed at surface.

CA: _____

CA Date: _____

Facility ID: 438620 Type: WELL API Number: 123-40065 Status: DG Insp. Status: WO

Idle WellPurpose: ☒ Shut In ☐ Temporarily Abandoned Reminder: _____

S/A/V: _____ CA Date: _____

CA: _____

Comment: **Waiting Completion****BradenHead**Comment: **Braden head is exposed at surface.**

CA: _____

CA Date: _____

Facility ID: 438621 Type: WELL API Number: 123-40066 Status: DG Insp. Status: WO

Idle WellPurpose: ☒ Shut In ☐ Temporarily Abandoned Reminder: _____

S/A/V: _____ CA Date: _____

CA: _____

Comment: **Waiting Completion****BradenHead**Comment: **Braden head is exposed at surface.**

CA: _____

CA Date: _____

Facility ID: 438623 Type: WELL API Number: 123-40067 Status: WO Insp. Status: WO

Idle WellPurpose: ☒ Shut In ☐ Temporarily Abandoned Reminder: _____

S/A/V: _____ CA Date: _____

CA: _____

Comment: **Waiting Completion****BradenHead**Comment: **Braden head is exposed at surface.**

CA: _____

CA Date: _____

Facility ID: 438624 Type: WELL API Number: 123-40068 Status: DG Insp. Status: WO

Idle WellPurpose: ☒ Shut In ☐ Temporarily Abandoned Reminder: _____

S/A/V: _____ CA Date: _____

CA: _____

Comment: **Waiting Completion****BradenHead**Comment: **Braden head is exposed at surface.**

CA: _____

CA Date: _____

Facility ID: 438625 Type: WELL API Number: 123-40069 Status: DG Insp. Status: WO

Inspector Name: Rickard, Jeff

Idle Well

Purpose: ☒ Shut In ☐ Temporarily Abandoned Reminder: _____

S/A/V: _____ CA Date: _____

CA: _____

Comment: Waiting Completion

BradenHead

Comment: Braden head is exposed at surface.

CA: _____

CA Date: _____

Facility ID: 439787 Type: WELL API Number: 123-40560 Status: WO Insp. Status: WO

Idle Well

Purpose: ☒ Shut In ☐ Temporarily Abandoned Reminder: _____

S/A/V: _____ CA Date: _____

CA: _____

Comment: Waiting Completion

BradenHead

Comment: Braden head is exposed at surface.

CA: _____

CA Date: _____

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): Y

Comment: _____

Pilot: _____ Wildlife Protection Devices (fired vessels): YES

Reclamation - Storm Water - Pit

Interim Reclamation:

Date Interim Reclamation Started: _____ Date Interim Reclamation Completed: _____

Land Use: IRRIGATED

Comment: _____

1003a. Waste and Debris removed? _____
 CM _____
 CA _____ CA Date _____

Unused or unneeded equipment onsite? _____
 CM _____
 CA _____ CA Date _____

Pit, cellars, rat holes and other bores closed? _____
 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? _____
 Production areas have been stabilized? _____ 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 _____

Final Reclamation/ Abandoned Location:

Date Final Reclamation Started: _____ Date Final Reclamation Completed: _____

Final Land Use: IRRIGATED _____

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 _____

Inspector Name: Rickard, Jeff

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
Gravel	Pass					

S/A/V: SATISFACTORY

Corrective Date:

Comment:

CA:

Pits: ☐ NO SURFACE INDICATION OF PIT

COGCC Comments

Comment	User	Date
Location has been build, wells are waiting compleation.	rickardj	09/02/2016