

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



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Inspection Date:
02/06/2015

Document Number:
673801759

Overall Inspection:
SATISFACTORY

FIELD INSPECTION FORM

Location Identifier	Facility ID	Loc ID	Inspector Name:	On-Site Inspection	2A Doc Num:
	<u>435175</u>	<u>435175</u>	<u>Gomez, Jason</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
Paddington, Dave		dpennington@syrginfo.com	All Inspections

Compliance Summary:

QtrQtr:	<u>SEnw</u>	Sec:	<u>10</u>	Twp:	<u>6N</u>	Range:	<u>67W</u>
Insp. Date	Doc Num	Insp. Type	Insp Status	Satisfactory /Action Required	PA P/F/I	Pas/Fail (P/F)	Violation (Y/N)
11/24/2014	673801565			ACTION REQUIRED			No

Inspector Comment:

Related Facilities:

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	Insp Status	
435172	WELL	DG	07/09/2014	LO	123-38493	Weld 152 41-10CHZ	PR	<input checked="" type="checkbox"/>
435173	WELL	DG	07/09/2014	LO	123-38494	Weld 152 41-10NHZ	PR	<input checked="" type="checkbox"/>
435174	WELL	DG	07/09/2014	LO	123-38495	Weld 152 31-10CHZ	PR	<input checked="" type="checkbox"/>
435189	WELL	DG	07/09/2014	LO	123-38501	Weld 152 C-10CHZ	PR	<input checked="" type="checkbox"/>
435190	WELL	DG	07/09/2014	LO	123-38502	Weld 152 C-10NHZ	PR	<input checked="" type="checkbox"/>
435191	WELL	DG	08/08/2014	LO	123-38503	Weld 152 31-10NHZ	PR	<input checked="" type="checkbox"/>

Equipment:

Location Inventory

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Special Purpose Pits: _____	Drilling Pits: _____	Wells: <u>6</u>	Production Pits: _____
Condensate Tanks: <u>12</u>	Water Tanks: <u>4</u>	Separators: <u>6</u>	Electric Motors: _____
Gas or Diesel Mortors: _____	Cavity Pumps: _____	LACT Unit: _____	Pump Jacks: _____
Electric Generators: _____	Gas Pipeline: _____	Oil Pipeline: _____	Water Pipeline: _____
Gas Compressors: <u>1</u>	VOC Combustor: <u>4</u>	Oil Tanks: _____	Dehydrator Units: _____
Multi-Well Pits: _____	Pigging Station: _____	Flare: _____	Fuel Tanks: _____

Location

Signs/Marker:				
Type	Satisfactory/Action Required	Comment	Corrective Action	CA Date
WELLHEAD	SATISFACTORY			
TANK LABELS/PLACARDS	ACTION REQUIRED	No NFPA or labeling on tank by wellhead or on tank by compressor	Install sign to comply with rule 210.	03/06/2015
WELLHEAD	SATISFACTORY			
WELLHEAD	SATISFACTORY			
BATTERY	SATISFACTORY			
WELLHEAD	SATISFACTORY			
WELLHEAD	SATISFACTORY			
WELLHEAD	SATISFACTORY			

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

Comment: _____

Corrective Action: _____

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

Equipment:					
Type	#	Satisfactory/Action Required	Comment	Corrective Action	CA Date
Horizontal Heated Separator	6	SATISFACTORY			
VRU	2	SATISFACTORY			
Vertical Separator	2	SATISFACTORY			
Vertical Heated Separator	2	SATISFACTORY			
Ancillary equipment	5	SATISFACTORY	Methonal pumps w/contianment		
Bird Protectors	14	SATISFACTORY			
Plunger Lift	6	SATISFACTORY			
Compressor	1	SATISFACTORY			
Ancillary equipment	3	SATISFACTORY	Telemetry Equipment		
LACT	1	SATISFACTORY			

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Gas Meter Run	6	SATISFACTORY		
Emission Control Device	6	SATISFACTORY		

Facilities: New Tank Tank ID: _____

Contents	#	Capacity	Type	SE GPS
PRODUCED WATER	1	100 BBLS	FIBERGLASS AST	40.502080,-104.883750
S/A/V:	SATISFACTORY		Comment:	
Corrective Action:				Corrective Date:

Paint

Condition	Adequate
Other (Content)	_____
Other (Capacity)	_____
Other (Type)	_____

Berms

Type	Capacity	Permeability (Wall)	Permeability (Base)	Maintenance
Corrective Action	Install berm around tank			Corrective Date
Comment	No Berm around tank			

Facilities: New Tank Tank ID: _____

Contents	#	Capacity	Type	SE GPS
PRODUCED WATER	2	400 BBLS	FIBERGLASS AST	40.501960,-104.883290
S/A/V:	SATISFACTORY		Comment:	
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
CRUDE OIL	12	400 BBLS	STEEL AST	40.501960,-104.883290
S/A/V:	SATISFACTORY		Comment:	
Corrective Action:				Corrective Date:

Paint

Condition	Adequate
Other (Content)	_____

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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
NO	

Flaring:				
Type	Satisfactory/Action Required	Comment	Corrective Action	CA Date

Predrill

Location ID: 435175

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

S/AV: _____

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

Form 2A COAs:

Group	User	Comment	Date
OGLA	andrewsd	Operators or their designated representatives shall conduct regular visual inspections of the exterior wall and general area for any integrity deficiencies. These inspections will be recorded and maintained for a period of at least 5 years per Rule 205. Inspection records shall be provided to the COGCC upon request.	11/20/2013
OGLA	andrewsd	TLVSTs shall not be located on non-engineered fill material. If areas are to be graded and disturbed, the operator shall conduct such activity in accordance with COGCC Rules 1002.b. and 1002.c.	11/20/2013
OGLA	andrewsd	Should a failure of TLVST integrity occur, operator shall notify COGCC upon discovery, report the incident to COGCC on a Form 22-Accident Report within 10 days and shall conduct a "root cause analysis" and provide it to COGCC on a Form 4-Sundry Notice within 30 days of the failure.	11/20/2013
OGLA	andrewsd	Operator shall develop a Contingency Plan for any TLVST leak or catastrophic failure of the tank integrity and resulting loss of fluid. The plan should include a notification process to the COGCC and local Emergency authority (municipality, county or both) for any failure and resulting loss of fluid. The Contingency Plan shall be made available to the COGCC upon request.	11/20/2013
OGLA	andrewsd	Operator must implement site-specific best management practices in accordance with good engineering practices, including, but not limited to, construction of a berm or diversion dike, site grading, or other comparable measures, sufficient to protect the ponds located 131 feet and 165 feet southeast, and the irrigation ditches located 136 feet north, 167 feet east, 206 feet south, and 282 feet south of the oil and gas location from a release of drilling, completion, produced fluids, and chemical products.	11/20/2013
OGLA	andrewsd	Temporary Large Volume Storage Tanks (TLVSTs) may only be utilized for the storage of freshwater obtained legally from an adjudicated consumable water supply. E&P wastes, including treated E&P wastes and flowback during hydraulic fracturing operations, are not allowed.	11/20/2013

OGLA	andrewsd	All liner seams shall be welded at the liner manufacturers facility; field welded liners shall not be used. If liners are re-used, liner installation shall be noticed on a Form 42 to COGCC 48-hours prior to installation.	11/20/2013
OGLA	andrewsd	TLVSTs will be operated with a minimum of 1 foot freeboard.	11/20/2013
OGLA	andrewsd	COGCC Rules 604.a. and 605.a.(2,3,5,6,7, and 8), as applicable to tank setbacks at the time of installation shall apply to the siting of TLVSTs.	11/20/2013
OGLA	andrewsd	Access to the tanks shall be limited to operational personnel.	11/20/2013
OGLA	andrewsd	Best Management Practices shall be employed to prevent injuries, property damage or environmental impacts, such as erosion of onsite sediment into nearby surface water	11/20/2013
OGLA	andrewsd	Signs shall be posted on each TLVST to indicate contents are freshwater and that no E&P waste fluids are allowed. Location and additional signage shall conform to Rule 210.	11/20/2013
OGLA	andrewsd	TLVST designs shall be sealed by a Colorado Licensed Professional Engineer.	11/20/2013
OGLA	andrewsd	TLVSTs will be brought into service incrementally, by loading to 25%, 50%, 75%, and 100% capacity (subject to freeboard) and held at each level without leaks for 24-hours prior to increasing load.	11/20/2013
OGLA	andrewsd	Site preparation and installation oversight will be provided by a Professional Engineer or their designated representative.	11/20/2013

S/AV: _____ **Comment:** _____

CA: _____ **Date:** _____

Wildlife BMPs:

S/AV: _____ **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: 435172 Type: WELL API Number: 123-38493 Status: DG Insp. Status: PR

Producing Well

Comment: PR

Facility ID: 435173 Type: WELL API Number: 123-38494 Status: DG Insp. Status: PR

Producing Well

Comment: PR

Facility ID: 435174 Type: WELL API Number: 123-38495 Status: DG Insp. Status: PR

Producing Well

Comment: PR

Facility ID: 435189 Type: WELL API Number: 123-38501 Status: DG Insp. Status: PR

Producing Well

Comment: PR

Facility ID: 435190 Type: WELL API Number: 123-38502 Status: DG Insp. Status: PR

Producing Well

Comment: PR

Facility ID: 435191 Type: WELL API Number: 123-38503 Status: DG 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): Y

Comment: _____

Pilot: ON 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. 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? _____ 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? _____

Production areas have been stabilized? In Segregated soils have been replaced? In

RESTORATION AND REVEGETATION

Cropland

Top soil replaced _____ Recontoured _____ Perennial forage re-established _____

Non-Cropland

Top soil replaced In Recontoured In 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 _____

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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
Berms	Pass					
Gravel	Pass	Gravel	Pass	VT	Pass	

S/A/V: SATISFACTOR Corrective Date: _____
Y _____

Comment: _____
CA: _____

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
673801760	No NFPA, No Berm	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3546914