

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:
07/27/2015

Document Number:
666801238

Overall Inspection:
SATISFACTORY

FIELD INSPECTION FORM

Location Identifier	Facility ID	Loc ID	Inspector Name:	On-Site Inspection	2A Doc Num:
	<u>438169</u>	<u>437879</u>	<u>Murray, Richard</u>	<input type="checkbox"/>	

Operator Information:

OGCC Operator Number:	<u>10500</u>
Name of Operator:	<u>COACHMAN ENERGY OPERATING COMPANY LLC</u>
Address:	<u>1125 17TH STREET SUITE 410</u>
City:	<u>DENVER</u> State: <u>CO</u> Zip: <u>80202</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
Canepa, Frank	720-279-0009	fcanepa@coachmanenergy.com	Coachman contact on file
Mut, Neyeska	303-296-3535	neyeska@cynosure-energy.com	

Compliance Summary:

QtrQtr: SENE Sec: 21 Twp: 6S Range: 91W

Inspector Comment:

Inspection is for Hydraulic Frac

Related Facilities:

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	Insp Status
437880	WELL	DG	12/11/2014		045-22451	Federal 14/15-8-21	WO <input type="checkbox"/>
438167	WELL	DG	12/02/2014	GW	045-22454	Federal 14/15-6-21	WO <input type="checkbox"/>
438168	WELL	DG	11/01/2014	GW	045-22455	Federal 14/15-3-21	WO <input type="checkbox"/>
438169	WELL	DG	10/08/2014	GW	045-22456	Federal 14/15-1-21	WO <input checked="" type="checkbox"/>
438170	WELL	DG	11/24/2014	GW	045-22457	Federal 14/15-5-21	WO <input type="checkbox"/>
438171	WELL	DG	10/21/2014	GW	045-22458	Federal 14/15-2-21	WO <input type="checkbox"/>
438172	WELL	DG	11/14/2014	GW	045-22459	Federal 14/15-4-21	WO <input type="checkbox"/>
438179	WELL	DG	12/20/2014		045-22460	Federal 14/15-7-21	WK <input type="checkbox"/>

Equipment:

Location Inventory

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Inspector Name: Murray, Richard

Special Purpose Pits: _____	Drilling Pits: <u>1</u>	Wells: <u>8</u>	Production Pits: <u>1</u>
Condensate Tanks: <u>4</u>	Water Tanks: <u>8</u>	Separators: <u>3</u>	Electric Motors: _____
Gas or Diesel Mortors: _____	Cavity Pumps: _____	LACT Unit: _____	Pump Jacks: _____
Electric Generators: _____	Gas Pipeline: <u>1</u>	Oil Pipeline: _____	Water Pipeline: <u>1</u>
Gas Compressors: _____	VOC Combustor: <u>1</u>	Oil Tanks: _____	Dehydrator Units: <u>2</u>
Multi-Well Pits: _____	Pigging Station: <u>1</u>	Flare: <u>1</u>	Fuel Tanks: _____

Location

Emergency Contact Number (S/AV): SATISFACTORY Corrective Date: _____
Comment: _____
Corrective Action: _____

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

Venting:	
Yes/No	Comment
NO	

Flaring:				
Type	Satisfactory/Action Required	Comment	Corrective Action	CA Date
Field Flare	SATISFACTORY			

Predrill

Location ID: 438169
Site Preparation:
Lease Road Adeq.: _____ Pads: _____ Soil Stockpile: _____
S/AV: _____
Corrective Action: _____ Date: _____ CDP Num.: _____
Form 2A COAs:

Group	User	Comment	Date
OGLA	kubeczkd	<p>Operator must ensure secondary containment for any volume of fluids contained at well site during drilling and completion operations; including, but not limited to, construction of a berm or diversion dike, diversion/collection trenches within and/or outside of berms/dikes, site grading, or other comparable measures sufficiently protective of nearby surface water. Any berm constructed at the well pad location will be stabilized, inspected at regular intervals (at least every 14 days), and maintained in good condition.</p> <p>The location is in an area of moderate run off/run-on potential; therefore the pad shall be constructed to prevent any stormwater run-on and/or stormwater runoff. Standard stormwater BMPs must be implemented at this location to insure compliance with CDPHE and COGCC requirements and to prevent any stormwater run-on and /or stormwater runoff.</p> <p>The access road will be constructed and maintained as to not allow any sediment to migrate from the access road to nearby surface water or any drainages leading to surface water.</p> <p>Strategically apply fugitive dust control measures, including enforcing established speed limits on private roads, to reduce fugitive dust and coating of vegetation and deposition in water sources.</p> <p>Operator must submit an as-built drawing (plan view and cross-sections) of the well pad and associated equipment within 30 calendar days of construction.</p> <p>If permanent crude, condensate, and water tanks are placed at the site (currently all fluids will be piped, operator shall install a steel containment ring around tank batteries to provide secondary containment and install a synthetic liner that underlies the entire battery and is keyed into the top of the containment ring.</p>	06/29/2014
OGLA	kubeczkd	Notify the COGCC 48 hours prior to start of pad construction, pit construction, pit liner installation, pit liner hydrostatic testing, rig mobilization, spud, pipeline testing, start of hydraulic stimulation operations, and start of flowback operations using Form 42 (the appropriate COGCC individuals will automatically be email notified, including the LGD for hydraulic stimulation operations).	06/29/2014

<p>OGLA</p>	<p>kubeczkd</p>	<p>Operator shall pressure test pipelines in accordance with Rule 1101.e.(1) prior to putting into initial service any temporary surface or permanent buried pipelines and following any reconfiguration of the pipeline network.</p> <p>Operator must routinely inspect the entire length of the surface pipeline to ensure integrity. Operator shall conduct daily inspections of surface poly pipeline routes for leaks during active transfer of fluids and implement best management practices to contain any unintentional release of fluids along all portions of the surface pipeline route where temporary pumps and other necessary equipment are located. Inspections shall be conducted by viewing the length of the pipeline; operator will endeavor to minimize surface disturbance during pipeline monitoring. The operator shall maintain records of inspections, findings and repairs, if necessary, for the life of the pipelines. In addition, pump stations along the surface poly or steel pipeline route will be continuously monitored when operating in order to swiftly respond to such a failure.</p> <p>Operator must ensure no release of fluids at all stream, intermittent stream, ditch, and drainage crossings. For these crossings: operator will ensure appropriate containment by either installing over-sized pipe "sleeves" which extend the length of the crossing and beyond to a distance deemed adequate to capture and/or divert any possible release of fluids and prevent fluids from reaching the stream or drainage; or installing oversized pipe "sleeves" which extend the length of the crossing and installing shut off valves on either side of crossing instead of catchment basins.</p> <p>Operator will utilize, to the extent practical, all existing access and other public roads, and/or existing pipeline right-of-ways, when placing/routing the subsurface and, if necessary and surface, pipelines. This will reduce surface disturbance and fragmentation of wildlife habitat in the area.</p>	<p>06/29/2014</p>
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<p>OGLA</p>	<p>kubeczkd</p>	<p>The moisture content of any drill cuttings in a cuttings trench or pile shall be as low as practicable to prevent accumulation of liquids greater than de minimis amounts. At the time of closure, if drill cuttings are to remain/disposed of onsite, they must also meet the applicable standards of table 910-1. . If a liner has been placed in the cuttings trench, it must be removed and disposed of as solid waste per CDPHE rules, prior to replacing dried cuttings into the trench.</p> <p>If the wells are to be hydraulically stimulated, flowback and stimulation fluids must be sent to tanks, separators, or other containment/filtering equipment before the fluids can be placed into any pipeline or storage vessel located on the well pad; or pit located on the well pad; or into tanker trucks for offsite disposal. The flowback and stimulation fluid tanks, separators, or other containment/filtering equipment must be placed on the well pad in an area constructed to be sufficiently impervious to contain any spilled or released material.</p> <p>Operator will use qualified containment devices for all appropriate chemicals/hazardous materials used onsite during hydraulic stimulation operations.</p> <p>Operator will implement measures to ensure that adequate separation of hydrocarbons from the influent occurs to prevent accumulation of oil on the surface of stored fluids. Operator shall also employ a method for monitoring buildup of phase-separated hydrocarbons on the surface of stored fluids.</p>	<p>06/29/2014</p>
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S/A/V: _____ **Comment:** Completions being performed at time of inspection, COAs in place

CA: _____ **Date:** _____

Wildlife BMPs:

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: 438169 Type: WELL API Number: 045-22456 Status: DG Insp. Status: WO

Well Stimulation

Stimulation Company: Halliburton Stimulation Type: HYDRAULIC FRAC
 Other: _____

Observation:

Maximum Casing Recorded: 6404 PSI Tubing: _____
 Surface: _____ Intermediate: _____
 Production: _____ Instantaneous Shut-In Pressure (ISIP) _____
 Bradenhead Psi: -15 Frac Flow Back: _____ Fluid: _____ Gas: _____

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: OFF Wildlife Protection Devices (fired vessels):

Reclamation - Storm Water - Pit

Interim Reclamation:

Date Interim Reclamation Started: Date Interim Reclamation Completed:

Land Use: OTHER, RANGELAND

Comment:

- 1003a. Debris removed? CM CA Date
Waste Material Onsite? CM CA Date
Unused or unneeded equipment onsite? CM CA Date
Pit, cellars, rat holes and other bores closed? CM CA Date
Guy line anchors removed? CM CA Date
Guy line anchors marked? CM CA Date

- 1003b. Area no longer in use? Production areas stabilized?
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: OTHER, RANGELAND

Reminder:

Comment:

- Well plugged Pit mouse/rat holes, cellars backfilled
Debris removed No disturbance /Location never built

Inspector Name: Murray, Richard

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
		Ditches	Pass			
		Gravel	Pass			
Berms	Pass					
Gravel	Pass					
		Culverts	Pass			

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

Comment: _____

CA: _____

Pits: NO SURFACE INDICATION OF PIT