

**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:

02/09/2016

Document Number:

673503150

Overall Inspection:

SATISFACTORY w/ CMT
or AR**FIELD INSPECTION FORM**

Location Identifier	Facility ID	Loc ID	Inspector Name:	On-Site Inspection	2A Doc Num:
	297059	324576	COSTA, RYAN	<input type="checkbox"/>	

Operator Information:OGCC Operator Number: 10369Name of Operator: NATURAL RESOURCE GROUP INCAddress: 1789 W LITTLETON BLVDCity: LITTLETON State: CO Zip: 80120

- ☐ 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
HEDBERG BRIAN		bhedberg@nrgcolo.com	
LAIRD PAUL		plaird@nrgcolo.com	

Compliance Summary:QtrQtr: NWNW Sec: 36 Twp: 26S Range: 67W

Insp. Date	Doc Num	Insp. Type	Insp Status	Satisfactory /Action Required	PA P/F/I	Pas/Fail (P/F)	Violation (Y/N)
09/07/2012	668200145	AL	AL	SATISFACTORY		Pass	No

Inspector Comment:Reclamation Inspection**Related Facilities:**

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	Insp Status	
297059	WELL	XX	04/25/2012	LO	055-06300	Jenny C 1	RI	<input checked="" type="checkbox"/>

Equipment:Location Inventory

Special Purpose Pits: _____	Drilling Pits: <u>1</u>	Wells: <u>1</u>	Production Pits: _____
Condensate Tanks: _____	Water Tanks: <u>1</u>	Separators: <u>1</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: _____	Oil Tanks: <u>1</u>	Dehydrator Units: _____
Multi-Well Pits: _____	Pigging Station: _____	Flare: _____	Fuel Tanks: _____

Location**Lease Road:**

Type	Satisfactory/Action Required	comment	Corrective Action	Date

Signs/Marker:				
Type	Satisfactory/Action Required	Comment	Corrective Action	CA Date

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

Comment: _____

Corrective Action: _____

Good Housekeeping:				
Type	Satisfactory/Action Required	Comment	Corrective Action	CA Date

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

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

Equipment:					
Type:	#	Satisfactory/Action Required:			
Comment					
Corrective Action				Date:	

Venting:	
Yes/No	
Comment	

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

Predrill

Location ID: 297059

Site Preparation:

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

S/AR: _____

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

Form 2A COAs:

Group	User	Comment	Date
OGLA	koepsear	Venting of gas is prohibited on the location.	07/03/2012

OGLA	koepsear	Emissions from condensate, crude oil, and produced water tanks and from glycol dehydrators shall be controlled by a device capable of 95% control efficiency of VOC. The device(s) shall be maintained to allow maximum efficiency during operations. If necessary, a permit from the Colorado Department of Public Health and Environment, Air Pollution Control Division, for the tank(s), Dehydrator(s) and control device(s) shall be obtained.	07/18/2012
OGLA	koepsear	Flowback and stimulation fluids must be sent to tanks. The flowback and stimulation fluid tanks must be placed on the well pad in an area with additional down gradient perimeter berming sufficiently impervious to contain any spilled or released material (per Rule 604.a.(4)). Tanks used for flowback must be equipped with emission reducing devices during flowback.	07/18/2012
OGLA	koepsear	<p>The operator will conduct baseline sampling of (at a minimum) the two (2) closest water wells prior to spudding the well. At least one of the sampled wells shall be between the operators proposed location and the Huerfano River. The operator may conduct additional groundwater monitoring at their own discretion.</p> <p>Laboratory analysis at a minimum will include the following: pH (lab), TDS, Conductivity (lab, not resistivity), SAR calculation, Ca, K, Mg, Na, As, B, Ba, Cd, Cr, Cu, Fe, Mn, Pb, Se (all total recoverable) Br, Cl, F, SO₄, Alkalinity (Total, HCO₃ and CO₃ – all expressed as CaCO₃) benzene, toluene, ethyl benzene, o-xylene, m- + p-xylene, Dissolved Methane, DRO, GRO, Field parameters including pH, Temperature and Conductivity shall be recorded prior to collecting the sample for laboratory analysis. Field observations such as odor, water color, sediment, bubbles and effervesce shall also be included.</p> <p>If free gas or a dissolved methane concentration level greater than one (1) milligrams per liter (mg/l) is detected in a water well, gas compositional analysis and stable isotope analysis of the methane (carbon and deuterium) shall be performed to determine gas type (biogenic or thermogenic). If the methane concentration increases by more than five (5) mg/l between sampling periods, or increases to more than ten (10) mg/l, the operator shall notify the Director and the owner of the water well immediately. If thermogenic methane concentrations increase between sampling periods, the operator shall submit to the Director an action plan to determine the source of the increase.</p> <p>The selected sampling locations will be sampled again 1 year, 3 years and 6 years after completion. Post completion sampling of water wells will consist of the same analyte list as the pre-drilling program. Copies of all test results, field parameters and field observations described above shall be provided to the Director, and the water well owner within three (3) months of collecting the samples. The analytical data and surveyed sample locations shall also be submitted to the Director in an electronic data deliverable format approved by Director.</p>	05/21/2012
OGLA	koepsear	Results of the pit closure sampling shall be supplied to Peter Gintautas at Peter.Gintautas@state.co.us via form 4 prior to closing the pit.	07/30/2012
OGLA	koepsear	Provide notice to COGCC 48-hours prior to commencement of hydraulic fracturing activities via form 42.	07/30/2012
OGLA	koepsear	THE MOISTURE CONTENT OF ANY DRILL CUTTINGS IN A CUTTINGS PIT, TRENCH, OR PILE SHALL BE AS LOW AS PRACTICABLE TO PREVENT ACCUMULATION OF LIQUIDS GREATER THAN DE MINIMIS AMOUNTS. AT THE TIME OF CLOSURE, THE DRILL CUTTINGS MUST ALSO MEET THE APPLICABLE STANDARDS OF TABLE 910-1.	07/30/2012
OGLA	koepsear	Provide notice to COGCC 48-hours prior to commencement of construction activities via form 42.	05/21/2012
OGLA	koepsear	Only enclosed flares shall be utilized at the location. A Form 4 Sundry Notice is required to be filed with the COGCC stating that flaring will be taking place on the location. The Sundry is required to be submitted and approved prior to initiating flaring. The Sundry shall also include a line drawing of the flare.	07/03/2012

S/AR:

Comment:

CA: Date: **Wildlife BMPs:**

BMP Type	Comment
Site Specific	Use existing farm roads for access to site so no new roads will need to be constructed. All equipment associated with construction and drilling will be thoroughly washed before entering Huerfano County to remove weed seeds and/or other potentially hazardous substances.
Planning	Adequately size infrastructure and facilities to accomodate both current and future gas production. Avoid constructing of any road segment in the channel of an intermittent or perennial stream. Combine utility infrastructure (gas, electric, water) planning with roadway planning to avoid separate utility corridors. Where possible consolidate pipeline and existing roadways, or roadways that are planned for development.
Wildlife	Enforce policies to protect wildlife (e.g., no poaching, no dogs on location, no feeding of wildlife, etc.).
Drilling/Completion Operations	Promptly report spills that affect wildlife to the CDOW. Limit parking to already disturbed areas that have not yet been reclaimed.
Interim Reclamation	During drilling, production and reclamation operations, all disturbed areas will be kept as free from all undesirable plant species as practicable.
Wildlife	Due to the location being in an Antelope Wintering Area no new construction/drilling will be conducted from January 1 to March 31.
Construction	Use minimum right-of-way width and vegetation mats where pipelines cross riparian areas and streams wherever possible.
General Housekeeping	The site will be maintained free of debris and excess materials during construction and operation. All gates will remain closed unless otherwise requested by surface owner.
Final Reclamation	Seed during appropriate season to increase likelihood of reclamation success. Do not include aggressive, non-native grasses in reclamation seed mixes.

S/AR: Comment: CA: Date: 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: 297059 Type: WELL API Number: 055-06300 Status: XX Insp. Status: RI

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:

Lat _____ Long _____
 DWR Receipt Num: _____ Owner Name: _____ GPS : _____

Field Parameters:

Sample Location:

Emission Control Burner (ECB): _____

Comment: _____

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

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

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

Land Use: RANGELAND

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? _____ Production areas stabilized ? _____

1003c. Compacted areas have been cross ripped? _____

Inspector Name: COSTA, RYAN

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: RANGELAND

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 _____

Comment: From a distance, it did not appear that the location had been built.
Will need to reinspect the site to verify no surface disturbance.

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

S/A/V: _____ Corrective Date: _____

Comment: _____

CA: _____

Pits: ☐ NO SURFACE INDICATION OF PIT

COGCC Comments

Comment	User	Date
Permit expired on 10/16/2014. Operator will need to file for abandon location.	CostaR	02/10/2016

Attached Documents

You can go to COGCC Images (<https://cogcc.state.co.us/weblink/>) and search by document number:

Document Num	Description	URL
673503150	INSPECTION APPROVED	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3780765