

<b>FORM INSP</b> Rev 05/11	<b>State of Colorado</b> <b>Oil and Gas Conservation Commission</b> 1120 Lincoln Street, Suite 801, Denver, Colorado 80203 Phone: (303) 894-2100 Fax: (303) 894-2109		DE ET OE ES
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Inspection Date: 03/16/2013

Document Number: 663301012

Overall Inspection: **Unsatisfactory**

**FIELD INSPECTION FORM**

Location Identifier	Facility ID <u>424529</u>	Loc ID	Inspector Name: <u>ANDREWS, DAVID</u>	On-Site Inspection <input type="checkbox"/>	2A Doc Num: _____
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**Operator Information:**

OGCC Operator Number: 10128 Name of Operator: BARGATH LLC

Address: 1050 17TH STREET #1800

City: DENVER State: CO Zip: 80202

**Contact Information:**

Contact Name	Phone	Email	Comment
Amber Peterson		dnr_ogcc.enviroscan@state.co.us	COGCC ENVIRO SCAN

**Compliance Summary:**

QtrQtr: \_\_\_\_\_ Sec: \_\_\_\_\_ Twp: \_\_\_\_\_ Range: \_\_\_\_\_

**Inspector Comment:**

PARACHUTE VALLEY GATHERING SYSTEM RELEASE PROJECT #21203/16/2013, 9:00 AM David Andrews on location Weather: Cloudy, calm, 30's to 40's Arrive at Parachute Gas Plant office, and met Chris Canfield (COGCC), John Suchar (Williams), Annette Garrigues (Williams), and Clara Cardoza (Williams). Walked southeast along access road past a small tank battery and turned southwest along a less distinct access road towards Parachute Creek, which flows from northwest to southeast. Trenches had been hydrojetted across pipeline ROW to expose several pipelines, including a 20" processed natural gas (methane and ethane) at the northwest end of the trench, then the following pipelines, in succession to the southeast: 8" carbon dioxide, 2" conduit (containing cables?), 4" out-of-service water line that had previously been used for remote hydraulic fracture operations, 30" raw gas plant-inlet gathering line from producing wells, and a 4" processed natural gas liquids (NGL) line with an adjacent control line conduit. All pipelines are oriented in an northeast-southwest direction. One of the hydrojetted trenches was located further to the northeast, towards a small tank battery, and two other hydrojetted trenches were located to the southwest, parallel to and within 100 feet of Parachute Creek. The southwestern trenches straddle both side of above-ground piping, a valve, and flanged connections associated with the NGL pipeline. Groundwater had entered both of the southwestern trenches, and hydrocarbon free product was present, floating on top of the groundwater in both southwestern hydrojet trenches. Several hydrojet potholes were also present between the small tank battery and the active remediation area. Met Mike Gardner (WPX). Six other trenches had been dug with a small excavator, three to the north (oriented north to south) and three to the south (oriented east to west) of the hydrojet trench closest to the creek. Hydrocarbon free product was observed in the two excavated trenches closest to the hydrojet trenches near the above-ground NGL piping. A sheen was also observed on the groundwater in the middle, southern excavated trench. The furthest trenches to the north and south contained groundwater but no apparent hydrocarbon free product. Two vacuum trucks were actively removing liquids from trenches with apparent hydrocarbon free product, and Williams staff informed COGCC staff that the vacuum truck free product removal operation had been in operation constantly, beginning on 3/15/2013, when the trenches were excavated. Floating absorbent booms were positioned in the creek, downstream from the active hydrocarbon free product recovery operation as a precautionary measure. No visible impact was apparent in the creek. COGCC staff suggested keeping the trenches containing hydrocarbon free product segregated from non-impacted trenches to prevent free product in the central trenches from migrating to the delineation trenches. COGCC staff also recommended that the free product removal be halted temporarily to observe the trenches during the forthcoming pipeline pressure test. Free product removal with the vacuum trucks would resume immediately after the pipeline pressure test. COGCC Staff requested submittal of pipeline pressure test results via email. COGCC Staff also requested wellhead bradenhead pressure data, including status (open/closed), pressure, and flow characteristics (e.g., any liquid discharge, gas only, or none) at the bradenhead valve for all gas wells with one quarter mile of the release point. 3/16/2013, 10:30 AM David Andrews off location

**Related Facilities:**

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name
424529	GAS GATHERING SYSTEM	PR	07/11/2011		-	PARACHUTE VALLEY GATHERING SYSTEM

**Equipment:** \_\_\_\_\_ Location Inventory

**Location**

Inspector Name: ANDREWS, DAVID

Emergency Contact Number: (S/U/V) _____	Corrective Date: _____
Comment: _____	
Corrective Action: _____	

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

<b>Venting:</b>		
Yes/No	Comment	

<b>Flaring:</b>				
Type	Satisfactory/Unsatisfactory	Comment	Corrective Action	CA Date

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**Predrill**

Location ID: 424529

**Site Preparation:**

Lease Road Adeq.: \_\_\_\_\_ Pads: \_\_\_\_\_ Soil Stockpile: \_\_\_\_\_  
 Corrective Action: \_\_\_\_\_ Date: \_\_\_\_\_ CDP Num.: \_\_\_\_\_

**Form 2A COAs:**

**Comment:** \_\_\_\_\_

**CA:** \_\_\_\_\_ **Date:** \_\_\_\_\_

**Wildlife BMPs:**

**Comment:** \_\_\_\_\_

**CA:** \_\_\_\_\_ **Date:** \_\_\_\_\_

**Stormwater:**

Erosion BMPs	Present	Other BMPs	Present

Corrective Action: \_\_\_\_\_ Date: \_\_\_\_\_

Comments: Erosion BMPs: \_\_\_\_\_  
 Other BMPs: \_\_\_\_\_

**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:

\_\_\_\_\_

**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): \_\_\_\_\_

Comment: \_\_\_\_\_

Pilot: \_\_\_\_\_ Wildlife Protection Devices (fired vessels): \_\_\_\_\_

**Reclamation - Storm Water - Pit**

**Interim Reclamation:**

Date Interim Reclamation Started: \_\_\_\_\_ Date Interim Reclamation Completed: \_\_\_\_\_

Land Use: \_\_\_\_\_

Comment: \_\_\_\_\_

1003a. Debris removed? \_\_\_\_\_ CM \_\_\_\_\_

CA \_\_\_\_\_ CA Date \_\_\_\_\_

Waste Material Onsite? \_\_\_\_\_ 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 removed? \_\_\_\_\_ 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? \_\_\_\_\_

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: \_\_\_\_\_

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:

Corrective Action:  Date \_\_\_\_\_

Overall Final Reclamation \_\_\_\_\_ Multi-Well Location

**Storm Water:**

Loc Erosion BMPs	BMP Maintenance	Lease Road Erosion BMPs	Lease BMP Maintenance	Chemical BMPs	Chemical BMP Maintenance	Comment

S/U/V: \_\_\_\_\_ Corrective Date: \_\_\_\_\_

Comment:

CA: