

**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:

04/20/2016

Document Number:

671000313

Overall Inspection:

SATISFACTORY**FIELD INSPECTION FORM**

Location Identifier	Facility ID	Loc ID	Inspector Name:	On-Site Inspection	2A Doc Num:
	441238	425510	LUJAN, CARLOS	<input type="checkbox"/>	

Operator Information:OGCC Operator Number: 10433Name of Operator: LARAMIE ENERGY LLCAddress: 1401 SEVENTEENTH STREET #1400City: DENVER State: CO Zip: 80202

- ☐ 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
Lujan, Carlos		carlos.lujan@state.co.us	EPS, NW Region
Spencer, Stan		stan.spencer@state.co.us	EPS, NW Region
Prescott, Lorne	(970) 812-5311	lprescott@laramie-energy.com	Environmental Laramie
Fischer, Alex		alex.fischer@state.co.us	Environmental Supervisor, NW
Bankert, Wayne	(970) 683-5419/ (970) 749-4238	wbankert@laramie-energy.com	Senior Regulatory & Environmental Coordinator

Compliance Summary:

QtrQtr: _____ Sec: _____ Twp: _____ Range: _____

Inspector Comment:

HARRISON CREEK WATER TREATMENT FACILITY - IMPOUNDMENTS. Facility ID #441238. Site visit with Lorne Prescott, Laramie Energy. Sunny and cool (around 40 oF). Muddy due to snowmelt. Site visit focused on Pit No.2. Impoundment active, lined, leak detection system active. Pit is currently receiving treated water from the Water Treatment Facility. Laramie Energy is monitoring closely initial operations of the facility. Some construction is still under way (see photos). Laramie has concentrated several facilities in the same area: Compressor Station and Gathering System, Water Treatment Facility With DAF unit, Water Impoundments (pits), and the 4B pad (Location ID #311764).

Related Facilities:

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	Insp Status
423474	CENTRALIZED EP WASTE MGMT FAC	CL	03/26/2015		-	NORTH VEGA WATER IMPOUNDMENT	CL
441238	CENTRALIZED EP WASTE MGMT FAC	AC	06/17/2015		-	HARRISON CR WTR TRMENT FAC IMPOUND 441238	AC

Equipment:**Location Inventory**

Inspector Name: LUJAN, CARLOS

Special Purpose Pits: _____	Drilling Pits: _____	Wells: _____	Production Pits: <u>1</u>
Condensate Tanks: <u>4</u>	Water Tanks: _____	Separators: _____	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: _____	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
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☐ 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: 441238

Site Preparation:

Lease Road Adeq.: _____

Pads: _____

Soil Stockpile: _____

S/AR: _____

Corrective Action: _____

Date: _____

CDP Num.: _____

Form 2A COAs:

Group	User	Comment	Date
OGLA	kubeczkod	<p>GENERAL FORM 28 PERMIT COAs:</p> <p>Conditions of Approval (COAs) attached to the Form 28 Permit will also apply to this Form 2A permit for this location.</p> <p>Commencement of building/constructing this location is not authorized until the Form 28 permit has been approved.</p> <p>Prior to the Form 28 permit approval (and therefore start of construction), adequate financial assurance per Rules 704 and 908.11.g.(1)B. are required.</p>	08/29/2011

S/AR: _____ **Comment:** _____**CA:** _____ **Date:** _____**Wildlife BMPs:**

BMP Type	Comment
Storm Water/Erosion Control	The following BMPs will be utilized at the proposed site: Armored Rundown, Detention Pond, Earthen Berm, and Wattle. The site will be surrounded by armored rundown and wattle practices. The detention pond will be located to the north of the site. Earthen berms will be utilized to the east of the pond and access road. See Figure 11 - Proposed BMPs for further information.

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: 0 Type: API Number: - Status: Insp. Status:

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: OTHER, 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: LUJAN, CARLOS

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 _____

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
Culverts	Pass					
Retention Ponds	Pass					
Berms	Pass					

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

Comment: _____

CA: _____

Pits: ☐ NO SURFACE INDICATION OF PIT

Inspector Name: LUJAN, CARLOS

Pit Type: Produced Water Lined: YES Pit ID: 441238 Lat: 39.268140 Long: -107.751830

Lining:

Liner Type: _____ Liner Condition: Adequate

Comment: _____

Fencing:

Fencing Type: Safety Fencing Condition: Adequate

Comment: _____

Netting:

Netting Type: _____ Netting Condition: _____

Comment: No netting. Pit stores treated water coming from the Water Treatment Facility.

Anchor Trench Present: _____ Oil Accumulation: NO 2+ feet Freeboard: _____

Pit (S/A/V): SATISFACTOR Comment: _____

Corrective Action: _____ Date: _____

Attached Documents

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

Document Num	Description	URL
671000314	Pit and construction	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3838030
671000315	View of Pit (looking west)	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3838031
671000316	Ongoing construction	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3838032
671000317	Stormwater Mngmt. Retention Pond, culvert	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3838033