

**FORM  
INSP**Rev  
X/15**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:

10/03/2019

Submitted Date:

10/15/2019

Document Number:

690900081**FIELD INSPECTION FORM**Loc ID \_\_\_\_\_ Inspector Name: FISCHER, ALEX On-Site Inspection ☐ 2A Doc Num: \_\_\_\_\_**Operator Information:**OGCC Operator Number: 10433Name of Operator: LARAMIE ENERGY LLCAddress: 1401 SEVENTEENTH STREET #1401City: DENVER State: CO Zip: 80202**Status Summary:**☐ THIS IS A FOLLOW UP INSPECTION☒ FOLLOW UP INSPECTION REQUIRED☐ NO FOLLOW UP INSPECTION REQUIRED**Findings:**5 Number of Comments2 Number of Corrective Actions☒ Corrective Action Response Requested**ANY CORRECTIVE ACTION(S) FROM  
PREVIOUS INSPECTIONS THAT HAVE NOT  
BEEN ADDRESSED ARE STILL APPLICABLE****Contact Information:**

| Contact Name    | Phone          | Email                                 | Comment                         |
|-----------------|----------------|---------------------------------------|---------------------------------|
| ,               |                | cogccnotifications@laramie-energy.com | <a href="#">All inspections</a> |
| Bankert, Wayne  |                | wbankert@laramie-energy.com           |                                 |
| Chris, Clark    |                | cclark@Laramie-Energy.com             |                                 |
| Heil, John      |                | john.heil@state.co.us                 |                                 |
| Prescott, Lorne | (970) 812-5311 | lprescott@laramie-energy.com          |                                 |
| Arauza, Steven  |                | steven.arauza@state.co.us             |                                 |

**General Comment:**

On October 3, 2019 COGCC Environmental Staff (Alex Fischer and John Heil) conducted an environmental field inspection of Laramie Energy LLC's (Laramie) Kobe-Chevron Valve can spill (Spill ID: 468517). Luke with Laramie, Loren Prescott with Laramie, and Matt Kasten with Entrada were present. At the time of the inspection the weather was sunny and temperatures about 60 degrees Fahrenheit.

COGCC Environmental Staff (John Heil) and Integrity Specialist (Richard Murray) conducted a follow up inspection on October 10, 2019. Luke with Laramie and the Operator's construction contractors were present.

**Environmental****Spills/Releases:**

Type of Spill: PRODUCED WATER

Estimated Spill Volume: 1500

Comment: [See Inspectors/Comments Section.](#)

Corrective Action: Complete remedial activities and provide confirmation soil sampling analytical results along the spill path. Samples shall be analyzed for TPH-DRO, TPH-GRO, BTEX, pH, EC, and SAR.

Date: 11/15/2019

Reportable: YES

GPS: Lat 39.366278

Long -108.258312

Proximity to Surface Water:

Depth to Ground Water:

**Water Well Complaint:**

Lat

Long

DWR Receipt Num: \_\_\_\_\_

Owner Name: \_\_\_\_\_

GPS : \_\_\_\_\_

**Field Parameters:**

Sample Location: \_\_\_\_\_

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

**Spill/Remediation:**Comment: [See Inspectors/Comments Section.](#)

Corrective Action: By October 22, 2019, collect and analyze a fluid sample of the source fluids (recent sample, if not same day of incident) for the Rule 609 analyte suite, less dissolved gases.

By October 29, 2019, provide a Supplemental F-27 describing actions and activities performed in remediating the area(s) of the public by ways an, culverts, and other impacted areas including maps of where samples collected (both soil and surface water), analytical data summarized in table format as well as laboratory reports.

Date: 10/22/2019

Emission Control Burner (ECB): \_\_\_\_\_

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

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

**COGCC Comments**

| Comment  | User     | Date       |
|--|----------|------------|
| <p>On October 3, 2019 COGCC Environmental Staff (Alex Fischer and John Heil) conducted an environmental field inspection of Laramie Energy LLC's (Laramie) Kobe-Chevron Valve can spill (Spill ID: 468517). Luke with Laramie, Loren Prescott with Laramie, and Matt Kasten with Entrada were present. At the time of the inspection the weather was sunny and temperatures about 60 degrees Fahrenheit.</p> <p>On October 1, 2019 the Operator notified the COGCC of an approximate 1,500 bbl produced water release from a failed valve set on a water gathering pipeline. The spilled fluid flowed overland, through a cattle guard and culverts under County Road 200, into a drainage about 200 feet, and then into a flowing irrigation ditch. The spill originated in Garfield County and the Garfield/Mesa County line is approximately 25 feet south of where the spill originated. The Operator implemented emergency response operations and shut in the line. The flowing ditch was shut in for some time, but then turned back on. Roan Creek is approximately 200 feet from the point where the fluids entered the irrigation ditch; however, none of the fluids were believed to have entered Roan Creek or the Colorado River, but the irrigation ditch flows for a considerable distance in the direction of the Colorado River. The Operator traced the path of the irrigation flow to the point at which the irrigation water runs out of volume before reaching the Colorado River. The Operator constructed straw bale check dams along the flow path in the drainage and near to the point of where the drainage enters the irrigation canal.</p> <p>Entrada Consulting Group was on location collecting water samples of the ditch and soil samples along the spills flow path. The Operator was instructed to notify downstream users of the ditch.</p> <p>COGCC walked the spill path from its origin to the flowing irrigation ditch, and then drove to where the irrigation ditch flows under CR V 2/10th. Visible impact (salt staining) was observed in the borrow ditch along CR 200, in the easement of CR 200, on CR 200, in the cattle guard and culverts, in a depression at the Chevron Kobe Station, and in the drainage up to the irrigation ditch. There was no visible hydrocarbons in the irrigation ditch. PetroFlag samples were collected at the point of origin and just before the drainage entered the irrigation ditch. A reading of 1776 ppm for TPH was measured at the point of the spills origin, and a reading of 639 ppm for TPH was measured approximately 10 feet in the drainage before it entered the irrigation ditch. The ground was disturbed as a straw check dam had been constructed at this point.</p> <p>COGCC Environmental Staff (John Heil) and Integrity Specialist (Richard Murray) conducted a follow up inspection on October 10, 2019. Luke with Laramie and the Operator's construction contractors were present. Luke informed COGCC staff that the line was originally turned on at approximately 11:00 a.m on 9/30/2019 and the leak was detected at approximately 7:00 a.m on 10/1/2019. He also informed COGCC staff that the line had been flowing at approximately 4 bbls a minute during the time in which the line was leaking. Upon inspection, the Operator's contractors were using a front loader and a grader to remove the impacted soil around the valve can and along the southwest side of the road. The impacted soil beneath the cattle guard was also removed and replaced with clean fill. COGCC walked the spill path from its origins to the flowing irrigation ditch and observed salt staining along the entire flow path. The irrigation ditch was no longer flowing at the time of inspection.</p> <p>Further sampling and remedial activities to mitigate migration and vehicle tracking of residual salt impacts were communicated with Laramie.</p> | fischera | 10/11/2019 |

#### Attached Documents

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

| Document Num | Description  | URL   |
|--------------|--|---|
| 402210415    | INSPECTION SUBMITTED                                       | <a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4963476">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4963476</a> |
| 690900083    | Kobe-Chevron Valve Can Release (1)                         | <a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4963465">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4963465</a> |
| 690900084    | INSP Photo Kobe-Chevron Valve Can Spill ID 468517 20191003 | <a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4963466">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4963466</a> |