

**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:

01/14/2016

Document Number:

675202424

Overall Inspection:

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

Location Identifier	Facility ID	Loc ID	Inspector Name:	On-Site Inspection	2A Doc Num:
	426449	426451	CONKLIN, CURTIS	<input type="checkbox"/>	

**Operator Information:**OGCC Operator Number: 10433Name of Operator: PICEANCE ENERGY LLC DBA LARAMIE ENERGYAddress: 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
Bankert, Wayne	(970) 683-5419	wbankert@laramie-energy.com	Senior Regulatory & Environmental Coordinator
Colby, Lou		lou.colby@state.co.us	
Arthur, Denise		denise.arthur@state.co.us	

**Compliance Summary:**QtrQtr: NENE Sec: 19 Twp: 9S Range: 93W**Inspector Comment:****Related Facilities:**

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	Insp Status	
426449	WELL	PR	07/01/2013	GW	077-10188	Jensen 17-13B	PR	<input checked="" type="checkbox"/>
426450	WELL	AL	11/25/2014	LO	077-10189	Jensen 18-16D	AL	<input type="checkbox"/>
432459	WELL	AL	07/28/2015	LO	077-10207	Jensen 20-03C	AL	<input type="checkbox"/>

**Equipment:****Location Inventory**

Special Purpose Pits: <u>      </u>	Drilling Pits: <u>      </u>	Wells: <u>20</u>	Production Pits: <u>      </u>
Condensate Tanks: <u>10</u>	Water Tanks: <u>      </u>	Separators: <u>5</u>	Electric Motors: <u>      </u>
Gas or Diesel Motors: <u>      </u>	Cavity Pumps: <u>      </u>	LACT Unit: <u>      </u>	Pump Jacks: <u>      </u>
Electric Generators: <u>      </u>	Gas Pipeline: <u>1</u>	Oil Pipeline: <u>      </u>	Water Pipeline: <u>1</u>
Gas Compressors: <u>      </u>	VOC Combustor: <u>1</u>	Oil Tanks: <u>      </u>	Dehydrator Units: <u>      </u>
Multi-Well Pits: <u>      </u>	Pigging Station: <u>      </u>	Flare: <u>      </u>	Fuel Tanks: <u>      </u>

**Location**

<b>Lease Road:</b>				
Type	Satisfactory/Action Required	comment	Corrective Action	Date
Access	SATISFACTORY			

<b>Signs/Marker:</b>				
Type	Satisfactory/Action Required	Comment	Corrective Action	CA Date
WELLHEAD	SATISFACTORY			
TANK LABELS/PLACARDS	SATISFACTORY			

Emergency Contact Number (S/AR): SATISFACTORY Corrective Date: \_\_\_\_\_

Comment: **800-891-6191**

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

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

<b>Spills:</b>				
Type	Area	Volume	Corrective action	CA Date

☐ Multiple Spills and Releases?

<b>Fencing/:</b>				
Type	Satisfactory/Action Required	Comment	Corrective Action	CA Date

<b>Equipment:</b>				
Type:	#	Satisfactory/Action Required:		
Comment				
Corrective Action				Date:

<b>Facilities:</b> <input type="checkbox"/> New Tank Tank ID: _____				
Contents	#	Capacity	Type	SE GPS
CONDENSATE	2	300 BBLS	STEEL AST	,
S/AR	SATISFACTORY	Comment:		
Corrective Action:				Corrective Date:

<b>Paint</b>				
Condition	Adequate			
Other (Content)	_____			
Other (Capacity)	_____			
Other (Type)	_____			

<b>Berms</b>				
Type	Capacity	Permeability (Wall)	Permeability (Base)	Maintenance
Metal	Adequate	Walls Sufficient	Base Sufficient	Adequate
Corrective Action				Corrective Date

Comment	
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**Venting:**

Yes/No NO

Comment

**Flaring:**

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

**Predrill**

Location ID: 426449

**Site Preparation:**

Lease Road Adeq.: \_\_\_\_\_ Pads: \_\_\_\_\_ Soil Stockpile: \_\_\_\_\_

**S/AR:** \_\_\_\_\_

Corrective Action: \_\_\_\_\_ Date: \_\_\_\_\_ CDP Num.: \_\_\_\_\_

**Form 2A COAs:****S/AR:** \_\_\_\_\_ **Comment:** \_\_\_\_\_**CA:** \_\_\_\_\_ **Date:** \_\_\_\_\_**Wildlife BMPs:**

BMP Type	Comment
Wildlife	<p>LARAMIE ENERGY II, LLC</p> <p>Best Management Practices (BMP's) To Reduce Impacts to Wildlife For Operations in NENE Section 19, Twn. 9S Rng. 93W 6th PM Jensen 19-01 Pad Mesa County, CO</p> <p><b>** NO SWH or RSO on the Jensen 19-01 Pad</b></p> <p>In an effort to minimize the impacts to wildlife, the following BMP's are part of Laramie Energy II's (LEII) standard operating procedures for drilling and operations within the Piceance Basin. This list is a partial of LEII's policy.</p> <p>Initial Stages for Infrastructure and Roads</p> <p>1. Road design and General</p> <ul style="list-style-type: none"> <li>- No firearms, no dogs on location, and no feeding of wildlife.</li> <li>- Minimize the amount of traffic on lease roads within 3 hours of sunrise and sunset.</li> <li>- Use existing routes as much as possible to avoid new disturbance and habitat fragmentation and minimize new road construction.</li> <li>- Maximize the topography as much as possible in designing roads to reduce, visual, noise, impacts, etc.</li> <li>- Participate in road sharing agreements with other Operators when possible.</li> <li>- Design and surface roads based on the traffic, speed, and type of vehicles to reduce, dust, mud, and environmental damage.</li> <li>- Locate roads away from riparian areas and bottoms of drainages as much as possible or re-route entirely.</li> <li>- Obtain Army Corp of Engineer Permits for any stream crossings prior to construction.</li> <li>- Analyze crossings and flow characteristics to determine the best method of crossing, (i.e. culvert, bridge, or low water).</li> <li>- Armor all stream crossings to reduce erosion and to comply with Stormwater Requirements.</li> <li>- Implementation of fugitive dust control measures including but not limited to water or</li> </ul>

magnesium chloride applications, and road surfacing.

- Limit traffic to the minimum needed for safe and efficient operations.
- No driving or parking off of disturbed areas.
- Install and use locked gates or other means when allowed by landowner or Federal Agencies to prevent unauthorized travel on roads and rights-of ways.

## 2. Well pad design and location

- Locate well pads to maximize directional drilling practices. LEII currently plans and attempts to locate pads for 16-20 wells which equates to roughly 4 well pads per section.
- Design each location to accommodate both current and future gas production.
- Locate well pads to minimize disturbance yet maximize use to reduce surface impacts.
- Review State and Federal GIS mapping to avoid Sensitive Wildlife Habitat (SWH), Restricted Surface Occupancy (RSO) areas, steep slopes, etc., as much as possible with roads and pad location.
- Design and install gathering lines within the disturbed area of new roads and adjacent to as much as possible to reduce disturbance construction.
- Design Rights-of Way widths to the minimum needed for safe and efficient construction of pipelines
- Remote Telemetry for production operations

## 3. Drilling and Production Operations

- Implement remote telemetry in all operations
- Where topographically possible and subject to landowner approval, use centralized water gathering and transportation systems.
- Install exclusionary devices to prevent bird and other wildlife access to equipment stacks, vents, and openings.
- Locate facilities to minimize visual effects (e.g. paint color, screening, etc.)
- LEII implements a closed system in its operations. No fluid pits are constructed or used during drilling or completion operations.
- LEII implements an aggressive weed management program. LEII incorporates and uses the BLM Glenwood Springs Energy Office's "Noxious and Invasive Weed Management Plan for Oil and Gas Operators- March 2007" for all operations. Each spring, Laramie inventories all pads, roads, and pipelines to insure no noxious weeds have been introduced. If noxious weeds are found, the county will be notified and the weeds will be treated. Weeds are continuously monitored and treated throughout the growing season. Only herbicides approved by the EPA and State are used by certified weed applicators.

## 4. Reclamation

- Strip and segregate topsoil from other soil horizons during pad, road, and pipeline construction.
- Minimize topsoil degradation by windrowing no higher than 5 feet when possible.
- Immediately seed topsoil to reduce erosion and prevent weed establishment and maintain soil microbial activity.
- Use only certified weed free native seed mixes, unless recommended otherwise by Federal Agencies or the Landowner.
- Use locally adapted seed when available.
- Use diverse seed mixes to mirror the surrounding area unless recommended otherwise by Federal Agencies or the Landowner.
- Monitor re-vegetation success until a minimum of 75% of preferred perennial plant cover (no weeds) is established.
- Perform "interim" reclamation on all disturbed areas not needed for active producing operations.
- If possible, conduct interim and final reclamation during optimum periods (e.g. late fall/early winter or early spring).
- If needed, fence reclaimed areas to minimize livestock/wildlife impact until plant species have are capable of sustaining grazing.

LARAMIE ENERGY II, LLC  
 BMPS FOR  
 Sensitive Wildlife Habitat and Restricted Surface Occupancy  
 Areas Specific to Laramie Energy II, LLC  
 Operations Within the Piceance Basin  
 Garfield County, CO

Sensitive Wildlife Habitat (SWH)

Black Bear

- Initiate a food and waste/refuse management program that uses bear-proof food storage containers and trash receptacles.
- Initiate an education program that reduces bear conflicts.
- Establish policy to prohibit keeping food and trash in sleeping quarters.
- Establish policy to support enforcement of state prohibition on feeding of black bear.
- Report bear conflicts immediately to CDOW .

Deer and Elk (Mule Deer Critical Winter Range and Elk Winter Concentration SWH )

- Review State GIS and Federal GIS mapping databases at the initial stage of development to identify the locations of mule deer and elk important wintering habitats and production areas. Attempt to avoid any critical habitat patches with roads and development.
- Attempt to avoid oil and gas activities within mule deer critical winter range, elk winter concentration areas, elk production areas, and migration corridors.
- Attempt to conduct post-development well site visitation between the hours of 10:00 am and 3:00 pm. Reduce visitations from December 1st to April 30th to reduce impact to wintering wildlife.
- Phase and concentrate all development activities, so that large areas of undisturbed habitat for wildlife remain and thorough reclamation occurs immediately after development and before moving to new sites. Development should progress at a pace commensurate with reclamation success.
- Gate single-purpose roads and restrict general public access to reduce traffic disruptions to wildlife.
- Avoid aggressive non-native grasses and shrubs in reclamation.

Signature \_\_\_\_\_ Date \_\_\_\_10/10/2011\_\_\_\_\_  
Wayne P. Bankert  
Senior Reg. and Env. Coordinator  
Laramie Energy II, LLC

## Storm Water/Erosion Control

## PROPOSED BMP's

## LARAMIE ENERGY II, LLC

Jensen 19-01 Pad  
NENE Sec. 19 Twn. 9 South Rng. 93 West  
Mesa County, CO

## Stormwater Management

Stormwater Management will be managed under (Laramie Energy II) LE II's Stormwater Management Plan known as the "Bruton Project Area". The Stormwater Plan and Permit (COR 03G219) will be amended to include the additional well pad and construction.

Prior to construction a stormwater "perimeter" will be built around the site for initial work purposes. Once the pad construction is completed, LE II's Stormwater Administrator will inspect the site and install any necessary Erosion Control Devices to manage sediment discharge from the pad. These devices may include but are not limited to:

- Rock Check dams
- Settling ponds
- Straw wattles
- Silt Fencing (used sparingly)

Once the final stormwater Erosion Control Devices are installed they will be mapped in GIS and a diagram of the site will be drafted and included as part of the Stormwater Documentation as required by the CDPHE General Permit.

Each site will be inspected every 14 days and 72 hrs after any major storm event. These inspections will be recorded and documented in the Stormwater Manual onsite and any necessary repairs or modifications will be made and documented.

## Spill Prevention Control and Counter Measures (SPCC)

Once the wells are drilled and completed onsite Laramie Energy II will prepare a SPCC plan for the site.

**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:

Inspector Name: CONKLIN, CURTIS

Onsite Inspection Memorandum Summarizing Discussions at Inspection as Attachment:

### Facility

Facility ID: 426449 Type: WELL API Number: 077-10188 Status: PR Insp. Status: PR

### Producing Well

Comment:

### 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: HAY MEADOW, IRRIGATED

Comment: No interim reclamation has taken place. Well completed on 4/5/12. AL wells sundry filed on 11/25/14.

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? \_\_\_\_\_

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: HAY MEADOW, IRRIGATED \_\_\_\_\_

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

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

Comment: Could not do complete stormwater inspection due to snow cover.

CA: \_\_\_\_\_



Inspector Name: CONKLIN, CURTIS

Pits: ☒ NO SURFACE INDICATION OF PIT

**COGCC Comments**

Comment	User	Date
Follow up inspection to be done by NW Reclamation specialist for interim reclamtion.	conklinc	01/15/2016