

**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:

11/03/2017

Submitted Date:

11/17/2017

Document Number:

680102392

FIELD INSPECTION FORM

Loc ID 335902 Inspector Name: Colby, Lou On-Site Inspection 2A Doc Num: _____

Status Summary:

- THIS IS A FOLLOW UP INSPECTION
- FOLLOW UP INSPECTION REQUIRED
- NO FOLLOW UP INSPECTION REQUIRED

Operator Information:

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

Findings:

- 8 Number of Comments
- 3 Number of Corrective Actions
- Corrective Action Response Requested

Contact Information:

| Contact Name | Phone | Email | Comment |
|----------------|-------|---------------------------------------|---------------------------------|
| | | cogccnotifications@laramie-energy.com | All inspections |
| Ash, Margaret | | margaret.ash@state.co.us | |
| Spencer, Stan | | stan.spencer@state.co.us | |
| Arthur, Denise | | denise.arthur@state.co.us | |
| Fischer, Alex | | alex.fischer@state.co.us | |
| | | dnr_cogccenforcement@state.co.us | |

Inspected Facilities:

| Facility ID | Type | Status | Status Date | Well Class | API Num | Facility Name | Insp Status |
|-------------|------|--------|-------------|------------|---------|---------------------|-------------|
| 291970 | PIT | AC | 08/20/2007 | | - | CC POND 3/604-41-32 | AC |

General Comment:

This is an Interim Reclamation and Stormwater focused Inspection and a Follow Up to Insp Doc#680101341, Dated 11/14/16. Any Corrective Actions from previous Inspections that have not been addressed are still applicable. One Pit/Pond, Facility #291970 is on Location. This site has had CAs since 2013 to repair the Pit Fence. CA to repair fencing had not been performed (and more of the fence was down all around Pit) at Date of this current Inspection. Refer to Pit Section & photos attached. This Inspection is being referred to Enforcement per Rule 522-c -(3)-B.

Operator needs to contact West Environmental Supervisor, Alex Fischer & EPS Stan Spencer to discuss bringing Pit into Compliance with 902 Rules; including Netting, & Fencing required per Rule 902 d. This Site is in a SWH.

Inspected Facilities

Facility ID: 291970 Type: PIT API Number: - Status: AC Insp. Status: AC

Reclamation - Storm Water - Pit

Interim Reclamation:

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

Land Use: _____

Comment: [Range Land](#)

1002 SITE PREPARATION AND STABILIZATION

1002a. FENCING _____

Comment _____

Corrective Action _____

Date _____

1002b. SOIL REMOVAL AND SEGREGATION _____

Comment _____

Corrective Action _____

Date _____

1002c. PROTECTION OF SOILS _____

Comment _____

Corrective Action _____

Date _____

1002E. SURFACE DISTURBANCE MINIMIZATION _____

Comment _____

Corrective Action _____

Date _____

1003a. Waste and Debris removed? Pass

Comment _____

Corrective Action _____

Date _____

Unused or unneeded equipment onsite? Pass

Comment _____

Corrective Action _____

Date _____

Pit, cellars, rat holes and other bores closed? _____

Comment [Active Pit/Pond on Location](#)

Corrective Action _____

Date _____

Guy line anchors marked? _____

Comment _____

Corrective Action _____

Date _____

1003b. Area no longer in use? Fail Production areas stabilized ? Fail
 1003c. Compacted areas have been cross ripped? Fail
 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? Fail
 Production areas have been stabilized? Fail Segregated soils have been replaced? Fail

RESTORATION AND REVEGETATION

Cropland

Top soil replaced _____ Recontoured _____ Perennial forage re-established _____

Non-Cropland

Top soil replaced _____ Recontoured _____ 80% Revegetation Fail

1003e. INTERIM VEGETATION TRANSECT
 TRANSECT RESULTS OF DISTURBED AREA% _____
 TRANSECT RESULTS OF REFERENCE AREA% _____
 TOTAL % OF DESIRABLE VEGETATION COVER _____
 VEGETATIVE COVER _____

1003 f. Weeds Noxious weeds? P

Comment Areas no longer needed for Use, Production, Drilling or Subsequent Operations have not been Reclaimed.

Corrective Action Install Reclamation in Areas no longer needed for Use, Production, Drilling or Subsequent Operations; installing appropriate BMPs to Stabilize Areas until Vegetation establishes. Reclamation Activities should be complete by 6/15/2018.

Date 06/15/2018

Overall Interim Reclamation Fail

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 _____

1004.d. FINAL VEGETATION TRANSECT
 TRANSECT RESULTS OF DISTURBED AREA% _____
 TRANSECT RESULTS OF REFERENCE AREA% _____
 TOTAL % OF DESIRABLE VEGETATION COVER _____
 VEGETATIVE COVER _____

Comment:

Corrective Action:

Date _____

| | | |
|---------------------------------|--|--|
| Overall Final Reclamation _____ | Well Release on Active Location <input type="checkbox"/> | Multi-Well Location <input type="checkbox"/> |
|---------------------------------|--|--|

Storm Water:

| Loc Erosion BMPs | BMP Maintenance | Lease Road Erosion BMPs | Lease BMP Maintenance | Chemical BMPs | Chemical BMP Maintenance | Comment |
|------------------|-----------------|-------------------------|-----------------------|---------------|--------------------------|---------|
| Compaction | Pass | | | | | |
| Seeding | In Process | | | | | |
| Ditches | Pass | | | | | |
| Berms | Pass | | | | | |

Comment:

Corrective Action: Date: _____

Pits: NO SURFACE INDICATION OF PIT

| | | | | |
|-----------------------------|-------------------|-----------------------|-----------------------|--------------------------|
| Type: <u>Produced Water</u> | Lined: <u>YES</u> | Pit ID: <u>291970</u> | Lat: <u>39.557361</u> | Long: <u>-108.218677</u> |
|-----------------------------|-------------------|-----------------------|-----------------------|--------------------------|

Reference Point: _____ Other: _____ Length: _____ Width: _____

Lining:

Liner Type: HDPE Liner Condition: _____

Comment: Comment is entered in CA Box with CA as Form is not allowing More than one line to appear in Comment Box.

Corrective Action: Wildlife has had access to Pit and it appears hoses with metal fittings are being used to discharge water into/out of Pit. Liner may be compromised. Operator needs to Contact West Environmental Supervisor, Alex Fischer & EPS, Stan Spencer to discuss Liner integrity/specs Date: 12/01/2017c

Fencing:

Fencing Type: Panel Fencing Condition: Inadequate

Comment: Fence Panels are down all around Pit. Pump hoses which discharge into Pit are positioned over Panels laying them over. This site has had CAs since 2013 to repair the Fence. More sections of fence are down than in the 2016 Insp. Though CAs are reported complete it is obvious that Monitoring of Fence and Repairs have not been conducted. Fence in it's present state of repair is a safety hazard for Wildlife & allows access to lined Pit which could entrap wildlife. This Site is in a SWH.

Corrective Action: Repair & Maintain Fence. CA Date is left at CA Date from previous Inspection 12/23/16. Operator needs to contact West Environmental Supervisor, Alex Fischer & EPS, Stan Spencer to discuss bringing Pit into Compliance with 902 Rules; including Fencing required per Rule 902 d. by 12/1/17. Date: 12/23/2016

Netting:

Netting Type: _____ Netting Condition: _____

Comment: Operator needs to contact West Environmental Supervisor, Alex Fischer & EPS, Stan Spencer to discuss bringing Pit into Compliance with 902 Rules; including Netting, & Fencing required per Rule 902 d. This Site is in a SWH.

Corrective Action: Date: _____

Anchor Trench Present: _____ Oil Accumulation: _____ 2+ feet Freeboard: _____

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 |
|--------------|----------------------|---|
| 401463493 | INSPECTION SUBMITTED | http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4305441 |

680102394

Inspection Photos

<http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4305433>