

**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:

05/09/2017

Submitted Date:

05/11/2017

Document Number:

685303045**FIELD INSPECTION FORM**Loc ID 325138 Inspector Name: St John, William (Cal) On-Site Inspection ☐ 2A Doc Num: \_\_\_\_\_**Operator Information:**OGCC Operator Number: 26625Name of Operator: ELM RIDGE EXPLORATION COMPANY LLCAddress: 12225 GREENVILLE AVE STE 950City: DALLAS State: TX Zip: 75243-**Status Summary:**

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

**Findings:**16 Number of Comments0 Number of Corrective Actions☐ Corrective Action Response Requested**Contact Information:**

| Contact Name    | Phone                   | Email                       | Comment                               |
|-----------------|-------------------------|-----------------------------|---------------------------------------|
| Redmond, Nolan  | 720-484-2347            | Inspections@catamountep.com | <a href="#">All Inspections</a>       |
| Lindeman, Terry | 505-632-8048<br>EXT 210 | tlindeman@elmridge.net      | <a href="#">SW Inspection Reports</a> |
| Archuleta, Amy  |                         | aarchuleta@elmridge.net     | <a href="#">SW Inspection Reports</a> |

**Inspected Facilities:**

| Facility ID | Type | Status | Status Date | Well Class | API Num   | Facility Name           | Insp Status |
|-------------|------|--------|-------------|------------|-----------|-------------------------|-------------|
| 214102      | WELL | PR     | 10/16/1956  | GW         | 067-05410 | HERRERA MVRD GAS UNIT 1 | PR          |

**General Comment:**

See link at end of report for path to downloadable pictures. Inspection report contains comments. See Signs/Marker and Tanks and Berms sections of report for additional details.

**Location**

|                    |                                 |       |  |
|--------------------|---------------------------------|-------|--|
| <b>Lease Road:</b> |                                 |       |  |
| Type               | Access                          |       |  |
| comment:           | Dirt and gravel two track road. |       |  |
| Corrective Action: |                                 | Date: |  |

Overall Good: ☐

|                      |  |       |  |
|----------------------|--|-------|--|
| <b>Signs/Marker:</b> |  |       |  |
| Type                 | WELLHEAD   |       |  |
| Comment:             | Free standing metal framed sign located between Dehydrator and produced water tank.          |       |  |
| Corrective Action:   |  | Date: |  |
| Type                 | TANK LABELS/PLACARDS   |       |  |
| Comment:             | Label placed directly on produced water tank. Label is peeling and will need to be replaced. |       |  |
| Corrective Action:   |  | Date: |  |

|                                  |   |       |  |
|----------------------------------|---|-------|--|
| <b>Emergency Contact Number:</b> |   |       |  |
| Comment:                         | Operator contact information posted on wellhead sign. |       |  |
| Corrective Action:               |   | Date: |  |

Overall Good: ☐

|                |      |        |  |  |
|----------------|------|--------|--|--|
| <b>Spills:</b> |      |        |  |  |
| Type           | Area | Volume |  |  |

In Containment: No

Comment: ☐ Multiple Spills and Releases?

|                    |  |       |  |
|--------------------|--|-------|--|
| <b>Fencing/:</b>   |  |       |  |
| Type               | SEPARATOR  |       |  |
| Comment:           | Steel post and pole barrier. Includes produced water tank. |       |  |
| Corrective Action: |  | Date: |  |

|                           |           |       |                 |
|---------------------------|-----------|-------|-----------------|
| <b>Equipment:</b>         |           |       | corrective date |
| Type: Ancillary equipment | # 1       |       |                 |
| Comment:                  | Wellhead. |       |                 |
| Corrective Action:        |           | Date: |                 |
| Type: Flow Line           | # 1       |       |                 |
| Comment:                  |           |       |                 |
| Corrective Action:        |           | Date: |                 |
| Type: Gas Meter Run       | # 1       |       |                 |
| Comment:                  |           |       |                 |
| Corrective Action:        |           | Date: |                 |
| Type: Plunger Lift        | # 1       |       |                 |
| Comment:                  |           |       |                 |
| Corrective Action:        |           | Date: |                 |

|                          |     |       |
|--------------------------|-----|-------|
| Type: Deadman # & Marked | # 4 |       |
| Comment:                 |     |       |
| Corrective Action:       |     | Date: |
| Type: Dehydrator         | # 1 |       |
| Comment:                 |     |       |
| Corrective Action:       |     | Date: |

**Tanks and Berms:**

|                    |  |          |          |         |        |
|--------------------|--|----------|----------|---------|--------|
| Contents           | #  | Capacity | Type     | Tank ID | SE GPS |
| PRODUCED WATER     | 1  | OTHER    | Open Top |         | ,      |
| Comment:           | Open top tank with steel mesh top installed. Earthen berms surrounding the tank. |          |          |         |        |
| Corrective Action: |  |          |          |         | Date:  |

**Paint**

|                  |          |  |
|------------------|----------|--|
| Condition        | Adequate |  |
| Other (Content)  |          |  |
| Other (Capacity) | 20 BBLS  |  |
| Other (Type)     |          |  |

**Berms**

|                    |   |                     |                     |             |
|--------------------|---|---------------------|---------------------|-------------|
| Type               | Capacity  | Permeability (Wall) | Permeability (Base) | Maintenance |
| Earth              | Adequate  | Walls Sufficient    | Base Sufficient     | Adequate    |
| Comment:           | Berms are weathered and will require maintenance. |                     |                     |             |
| Corrective Action: |   |                     |                     | Date:       |

**Venting:**

|                    |    |       |
|--------------------|----|-------|
| Yes/No             | NO |       |
| Comment:           |    |       |
| Corrective Action: |    | Date: |

**Flaring:**

|                    |       |
|--------------------|-------|
| Type               |       |
| Comment:           |       |
| Corrective Action: | Date: |

| Inspected Facilities |   |       |      |             |           |         |    |               |    |
|----------------------|---|-------|------|-------------|-----------|---------|----|---------------|----|
| Facility ID:         | 214102  | Type: | WELL | API Number: | 067-05410 | Status: | PR | Insp. Status: | PR |
| Producing Well       |   |       |      |             |           |         |    |               |    |
| Comment:             | PR - Review of electronic well file reflects last reported production as February 2017. |       |      |             |           |         |    |               |    |
| Corrective Action:   |   |       |      |             |           |         |    | Date:         |    |

**Reclamation - Storm Water - Pit****Interim Reclamation:**

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

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

Comment: Location has open pastures bordering it. There are gas facilities to the S and W.**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? Pass

Comment \_\_\_\_\_

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

Date \_\_\_\_\_

Guy line anchors marked? Pass

Comment \_\_\_\_\_

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

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 \_\_\_\_\_

## 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? \_\_\_\_\_

Comment \_\_\_\_\_

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

**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 \_\_\_\_\_

## 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 ☐ Multi-Well Location ☐

**Storm Water:**

| Loc Erosion BMPs | BMP Maintenance | Lease Road Erosion BMPs | Lease BMP Maintenance | Chemical BMPs                          | Chemical BMP Maintenance | Comment                           |
|------------------|-----------------|-------------------------|-----------------------|--|--------------------------|-----------------------------------|
| Compaction       | Pass            | Compaction              | Pass                  | Material Handling And Spill Prevention | Pass                     | Berms around produced water tank. |

Comment: [Stormwater BMPs appear to be functioning at time of inspection.](#)

Corrective Action:

Date: \_\_\_\_\_

**Pits:** ☒ NO SURFACE INDICATION OF PIT

**Attached Documents**

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

| Document Num | Description                             | URL   |
|--------------|---|---|
| 685303077    | Wellhead sign.                          | <a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4145498">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4145498</a> |
| 685303078    | Produced water tank with peeling label. | <a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4145499">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4145499</a> |
| 685303079    | Location overview.                      | <a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4145500">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4145500</a> |