

**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:

03/15/2019

Submitted Date:

03/16/2019

Document Number:

692400776**FIELD INSPECTION FORM**

|  |                               |   |                   |   |
|--|-------------------------------|---|-------------------|---|
| Loc ID<br>436004   | Inspector Name:<br>Colby, Lou | On-Site Inspection <input type="checkbox"/> | 2A Doc Num: _____ | <b>Status Summary:</b><br><input type="checkbox"/> THIS IS A FOLLOW UP INSPECTION<br><input checked="" type="checkbox"/> FOLLOW UP INSPECTION REQUIRED<br><input type="checkbox"/> NO FOLLOW UP INSPECTION REQUIRED |
| <b>Operator Information:</b><br>OGCC Operator Number: <u>10447</u><br>Name of Operator: <u>URSA OPERATING COMPANY LLC</u><br>Address: <u>1600 BROADWAY ST STE 2600</u><br>City: <u>DENVER</u> State: <u>CO</u> Zip: <u>80202</u> |                               |   |                   | <b>Findings:</b><br>7 Number of Comments<br>3 Number of Corrective Actions<br><input checked="" type="checkbox"/> Corrective Action Response Requested  |
|  |                               |   |                   | <b>ANY CORRECTIVE ACTION(S) FROM<br/>PREVIOUS INSPECTIONS THAT HAVE NOT<br/>BEEN ADDRESSED ARE STILL APPLICABLE</b>   |

| <b>Contact Information:</b> |              |                            |                                 |
|-----------------------------|--------------|----------------------------|---------------------------------|
| Contact Name                | Phone        | Email                      | Comment                         |
| Knudson, Dwayne             | 970-456-3335 | dknudson@ursaresources.com | <a href="#">All Inspections</a> |

| <b>Inspected Facilities:</b> |      |        |             |            |           |                             |             |
|------------------------------|------|--------|-------------|------------|-----------|-----------------------------|-------------|
| Facility ID                  | Type | Status | Status Date | Well Class | API Num   | Facility Name               | Insp Status |
| 435997                       | WELL | XX     | 07/27/2015  | LO         | 045-22326 | Valley Farms O 21A-15-06-92 | RI          |
| 435998                       | WELL | XX     | 07/27/2015  | LO         | 045-22327 | Valley Farms O 24B-10-06-92 | RI          |
| 435999                       | WELL | XX     | 07/27/2015  | LO         | 045-22328 | VALLEY FARMS O 14D-10-06-92 | RI          |
| 436000                       | WELL | XX     | 07/27/2015  | LO         | 045-22329 | VALLEY FARMS O 14B-10-06-92 | RI          |
| 436001                       | WELL | XX     | 07/27/2015  | LO         | 045-22330 | VALLEY FARMS O 14C-10-06-92 | RI          |
| 436002                       | WELL | XX     | 07/27/2015  | LO         | 045-22331 | Valley Farms O 24C-10-06-92 | RI          |
| 436003                       | WELL | XX     | 07/27/2015  | LO         | 045-22332 | VALLEY FARMS O 13D-10-06-92 | RI          |
| 437974                       | WELL | XX     | 07/04/2014  | LO         | 045-22452 | VALLEY FARMS O 14A-10-06-92 | RI          |
| 443031                       | WELL | XX     | 08/27/2015  | LO         | 045-22966 | VALLEY FARMS O 34D-10-06-92 | RI          |
| 443032                       | WELL | XX     | 08/27/2015  | LO         | 045-22967 | VALLEY FARMS O 31A-15-06-92 | RI          |
| 443033                       | WELL | XX     | 08/27/2015  | LO         | 045-22968 | VALLEY FARMS O 44B-09-06-92 | RI          |
| 443034                       | WELL | XX     | 08/27/2015  | LO         | 045-22969 | VALLEY FARMS O 44C-09-06-92 | RI          |
| 443035                       | WELL | XX     | 08/27/2015  | LO         | 045-22970 | VALLEY FARMS O 11A-15-06-92 | RI          |
| 443037                       | WELL | XX     | 08/27/2015  | LO         | 045-22971 | VALLEY FARMS O 43D-09-06-92 | RI          |

|        |      |    |            |    |           |                             |    |
|--------|------|----|------------|----|-----------|-----------------------------|----|
| 443038 | WELL | XX | 08/27/2015 | LO | 045-22972 | VALLEY FARMS O 43B-09-06-92 | RI |
| 443039 | WELL | XX | 08/27/2015 | LO | 045-22973 | VALLEY FARMS O 44A-09-06-92 | RI |
| 443040 | WELL | XX | 08/27/2015 | LO | 045-22974 | VALLEY FARMS O 21C-15-06-92 | RI |
| 443041 | WELL | XX | 08/27/2015 | LO | 045-22975 | VALLEY FARMS O 43C-09-06-92 | RI |

**General Comment:**

This is a Reclamation & Stormwater focused Inspection. This Location, built in 2015, not yet Drilled, has an Approved Delayed Interim Reclamation Variance Request (Doc#401306982). Eighteen XX Wells related to this Location had Permits Refiled and Approved 3/15/19.

| Inspected Facilities       |                   |                              |                   |                         |
|----------------------------|-------------------|------------------------------|-------------------|-------------------------|
| Facility ID: <u>435997</u> | Type: <u>WELL</u> | API Number: <u>045-22326</u> | Status: <u>XX</u> | Insp. Status: <u>RI</u> |
| Facility ID: <u>435998</u> | Type: <u>WELL</u> | API Number: <u>045-22327</u> | Status: <u>XX</u> | Insp. Status: <u>RI</u> |
| Facility ID: <u>435999</u> | Type: <u>WELL</u> | API Number: <u>045-22328</u> | Status: <u>XX</u> | Insp. Status: <u>RI</u> |
| Facility ID: <u>436000</u> | Type: <u>WELL</u> | API Number: <u>045-22329</u> | Status: <u>XX</u> | Insp. Status: <u>RI</u> |
| Facility ID: <u>436001</u> | Type: <u>WELL</u> | API Number: <u>045-22330</u> | Status: <u>XX</u> | Insp. Status: <u>RI</u> |
| Facility ID: <u>436002</u> | Type: <u>WELL</u> | API Number: <u>045-22331</u> | Status: <u>XX</u> | Insp. Status: <u>RI</u> |
| Facility ID: <u>436003</u> | Type: <u>WELL</u> | API Number: <u>045-22332</u> | Status: <u>XX</u> | Insp. Status: <u>RI</u> |
| Facility ID: <u>437974</u> | Type: <u>WELL</u> | API Number: <u>045-22452</u> | Status: <u>XX</u> | Insp. Status: <u>RI</u> |
| Facility ID: <u>443031</u> | Type: <u>WELL</u> | API Number: <u>045-22966</u> | Status: <u>XX</u> | Insp. Status: <u>RI</u> |
| Facility ID: <u>443032</u> | Type: <u>WELL</u> | API Number: <u>045-22967</u> | Status: <u>XX</u> | Insp. Status: <u>RI</u> |
| Facility ID: <u>443033</u> | Type: <u>WELL</u> | API Number: <u>045-22968</u> | Status: <u>XX</u> | Insp. Status: <u>RI</u> |
| Facility ID: <u>443034</u> | Type: <u>WELL</u> | API Number: <u>045-22969</u> | Status: <u>XX</u> | Insp. Status: <u>RI</u> |
| Facility ID: <u>443035</u> | Type: <u>WELL</u> | API Number: <u>045-22970</u> | Status: <u>XX</u> | Insp. Status: <u>RI</u> |
| Facility ID: <u>443037</u> | Type: <u>WELL</u> | API Number: <u>045-22971</u> | Status: <u>XX</u> | Insp. Status: <u>RI</u> |
| Facility ID: <u>443038</u> | Type: <u>WELL</u> | API Number: <u>045-22972</u> | Status: <u>XX</u> | Insp. Status: <u>RI</u> |
| Facility ID: <u>443039</u> | Type: <u>WELL</u> | API Number: <u>045-22973</u> | Status: <u>XX</u> | Insp. Status: <u>RI</u> |
| Facility ID: <u>443040</u> | Type: <u>WELL</u> | API Number: <u>045-22974</u> | Status: <u>XX</u> | Insp. Status: <u>RI</u> |
| Facility ID: <u>443041</u> | Type: <u>WELL</u> | API Number: <u>045-22975</u> | Status: <u>XX</u> | Insp. Status: <u>RI</u> |

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

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

Land Use: RANGELAND

Comment: This Location has an Approved Delayed Interim Reclamation Variance Request (Doc#401306982).**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? \_\_\_\_\_

Comment There is evidence of Annual Weed Growth in ditches, on gravel fill slope and earthen berm that horseshoes outside edge of location.Corrective Action Monitor & Control Annual Weeds that become Debris throughout growing season.Date **05/15/2018**

Unused or unneeded equipment onsite? \_\_\_\_\_

Comment \_\_\_\_\_

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

Date \_\_\_\_\_

Pit, cellars, rat holes and other bores closed? \_\_\_\_\_

Comment \_\_\_\_\_

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

Date \_\_\_\_\_

Guy line anchors marked? \_\_\_\_\_

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 A few desicated Knapweed plants were noted on outside of earthen berm.

Corrective Action Monitor & Control Noxious Weeds throughout growing season.

Date 05/15/2019

**Overall Interim Reclamation****Final Reclamation/ Abandoned Location:**

Date Final Reclamation Started: \_\_\_\_\_ Date Final Reclamation Completed: \_\_\_\_\_

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

## 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                 |
|--|-----------------|-------------------------|-----------------------|---------------|--------------------------|-------------------------|
|  |                 |                         |                       |               |                          |                         |
| <p><b>Comment:</b> It appears that topsoil has been bermed around perimeter of location functioning as a stormwater BMP. Topsoil is not fully segregated/ stabilized &amp; has the potential for degradation due to mixing with subsoil and wind/water erosion, and has potential to become a source of sediment pollution.</p> <p>Ditch needs some general maintenance. Compaction/ stabilization of the base of the ditch (flow path) also needs to be addressed as it is not properly stabilized, especially at North end of site.</p> <p>Please see COGCC Comments Section at end of this Document for Continuation of Stormwater Comment.</p> |                 |                         |                       |               |                          |                         |
| <p><b>Corrective Action:</b> There are Four CAs in this Section.</p> <p>1) Stabilize earthen berm. Use long-term methods to stabilize the berms. B Vegetation is preferred long-term stabilization.</p> <p>2) Install BMP (i.e. Wattle) along inside base of berm to fully segregate and prevent topsoil degradation.</p> <p>3) Maintain Ditches.</p> <p>4) Install properly sized and designed sediment trap/s and outlet/s based on the size of location.</p>  |                 |                         |                       |               |                          | <p>Date: 04/15/2019</p> |
| <p><b>Pits:</b> <input type="checkbox"/> NO SURFACE INDICATION OF PIT</p>  |                 |                         |                       |               |                          |                         |

**COGCC Comments**

| Comment  | User   | Date       |
|--|--------|------------|
| Continuation of Stormwater Section Comment:  | colbyl | 03/16/2019 |
| Stormwater outlet and BMPs at Northeast corner of site are not installed or designed according to good engineering practices; BMPs are dysfunctional. For instance, the discharge point at top of berm is elevated too high to function properly, round rock has been used for the outlet protection which is not the proper material to be employed as armoring/stabilization per good engineering practices. |        |            |

**Attached Documents**

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

| Document Num | Description       | URL   |
|--------------|-------------------|---|
| 692400777    | Inspection Photos | <a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4765206">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4765206</a> |