

FORM
INSPRev
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State of Colorado Oil and Gas Conservation Commission

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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 436004	Inspector Name: Colby, Lou	On-Site Inspection <input type="checkbox"/>	2A Doc Num: _____	Status Summary: <input type="checkbox"/> THIS IS A FOLLOW UP INSPECTION <input checked="" type="checkbox"/> FOLLOW UP INSPECTION REQUIRED <input type="checkbox"/> NO FOLLOW UP INSPECTION REQUIRED
Operator Information: OGCC Operator Number: <u>10447</u> Name of Operator: <u>URSA OPERATING COMPANY LLC</u> Address: <u>1600 BROADWAY ST STE 2600</u> City: <u>DENVER</u> State: <u>CO</u> Zip: <u>80202</u>				Findings: <u>7</u> Number of Comments <u>3</u> Number of Corrective Actions <input checked="" type="checkbox"/> 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
Knudson, Dwayne	970-456-3335	dknudson@ursaresources.com	All Inspections

Inspected Facilities:							
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

Corrective Action

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>Comment: It appears that topsoil has been bermed around perimeter of location functioning as a stormwater BMP. Topsoil is not fully segregated/ stabilized & 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>Corrective Action: 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>						Date: 04/15/2019
<p>Pits: <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	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4765206