

**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:

07/19/2018

Submitted Date:

07/20/2018

Document Number:

682503623**FIELD INSPECTION FORM**
 Loc ID 331346 Inspector Name: Trujillo, Aaron On-Site Inspection ☐ 2A Doc Num: _____
Operator Information:OGCC Operator Number: 10112Name of Operator: FOUNDATION ENERGY MANAGEMENT LLCAddress: 5057 KELLER SPRINGS RD STE 650City: ADDISON State: TX Zip: 75001**Status Summary:**☐ THIS IS A FOLLOW UP INSPECTION☒ FOLLOW UP INSPECTION REQUIRED☐ NO FOLLOW UP INSPECTION REQUIRED**Findings:**5 Number of Comments3 Number of Corrective Actions☒ Corrective Action Response Requested**Contact Information:**

Contact Name	Phone	Email	Comment
,		regulatory@foundationenergy.com	
Allison, Rick		rick.allison@state.co.us	
Young, Rob		rob.young@state.co.us	

Inspected Facilities:

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	Insp Status
260679	WELL	SI	02/01/2016	OW	123-20533	SOS 4-4	RI
274750	PIT	AC			-	SOS 4-4	RI

General Comment:

This is a final reclamation and stormwater inspection. Any corrective action(s) from previous inspections that have not been addressed are still applicable.

LocationOverall Good: ☐

Emergency Contact Number:

Comment:

Corrective Action:

Date: _____

Good Housekeeping:

Type	WEEDS		
Comment:	Diffuse Knapweed observed around areas of the well location. See attached photos. This is a Colorado State listed noxious weed and needs to be managed and removed. Knapweed is currently flowering and will seedout in the near future.		
Corrective Action:	Properly remove and control noxious weeds. Ongoing weed management and monitoring is required, and needs to occur in accordance to COGCC rules and regulations. Due to the sensitive timeframe required to manage noxious weeds prior to seedhead maturation, a shortened corrective action date of 7/27/2018 is being provided.		Date: 07/27/2018

Overall Good: ☐**Spills:**

Type	Area	Volume		
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In Containment: No

Comment:

☐ Multiple Spills and Releases?**Venting:**

Yes/No			
Comment:			
Corrective Action:		Date:	

Flaring:

Type		
Comment:		
Corrective Action:		Date:

Inspected Facilities									
Facility ID:	<u>260679</u>	Type:	<u>WELL</u>	API Number:	<u>123-20533</u>	Status:	<u>SI</u>	Insp. Status:	<u>RI</u>
Facility ID:	<u>274750</u>	Type:	<u>PIT</u>	API Number:	<u>-</u>	Status:	<u>AC</u>	Insp. Status:	<u>RI</u>

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

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

Land Use: _____

Comment: _____

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 _____

Corrective Action _____

Date _____

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 REVEGETATIONCropland

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: Cropland

Well plugged _____ Pit mouse/rat holes, cellars backfilled **Fail**

Debris removed _____ No disturbance /Location never built _____

Access Roads _____ Regraded _____ Contoured _____ Culverts removed _____

Gravel removed _____

Location and associated production facilities reclaimed **Fail** Locations, facilities, roads, recontoured _____

Compaction alleviation _____ Dust and erosion control _____

Non cropland: Revegetated 80% _____ Cropland: perennial forage _____

Weeds present **Fail** Subsidence _____

1004.d. FINAL VEGETATION TRANSECT

TRANSECT RESULTS OF DISTURBED AREA% _____

TRANSECT RESULTS OF REFERENCE AREA% _____

TOTAL % OF DESIRABLE VEGETATION COVER _____

VEGETATIVE COVER _____

Comment: This location does not meet reclamation regulations or requirements; Pit remains open, see "Pits" in this inspection report. Noxious weeds observed on well location, see "Good Housekeeping". Pipe riser remains at the batter location. Large areas of the battery location remains bare and unvegetated and not reflective of the adjacent reference area (cropland). Areas of the well location remains bare, unvegetated or predominantly undesirable weedy plant species. See attached photo document

Corrective Action: Perform additional reclamation activities in accordance to COGCC 1000 series rules and requirements at the battery and well location. Remove riser remaining at battery per 1004.a. To allow time for operator to determine the issues hindering reclamation at well and battery, and to allow time for operator to collaborate with the surface owner to determine mitigating measures that will allow reclamation work to be conducted in such a manner as to not interfere with agricultural activities, or crop production all remediation and reclamation activities shall be completed no later than 8/31/2018	Date <u>08/31/2018</u>
Overall Final Reclamation Fail 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

Comment: <div style="border: 1px solid black; height: 20px; width: 100%;"></div>	
Corrective Action: <div style="border: 1px solid black; height: 20px; width: 100%;"></div>	Date: _____

Pits: ☐ NO SURFACE INDICATION OF PIT

Type:	Lined:	Pit ID:	Lat:	Long:
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Reference Point: _____	Other: _____	Length: _____	Width: _____
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Lining:

Liner Type:	Liner Condition:
Comment: <div style="border: 1px solid black; height: 20px; width: 100%;"></div>	
Corrective Action: <div style="border: 1px solid black; height: 20px; width: 100%;"></div>	Date: <u>c</u>

Fencing:

Fencing Type:	Fencing Condition:
Comment: <div style="border: 1px solid black; height: 20px; width: 100%;"></div>	
Corrective Action: <div style="border: 1px solid black; height: 20px; width: 100%;"></div>	Date: _____

Netting:

Netting Type:	Netting Condition:
Comment: <div style="border: 1px solid black; height: 20px; width: 100%;"></div>	
Corrective Action: <div style="border: 1px solid black; height: 20px; width: 100%;"></div>	Date: _____

Anchor Trench Present:	Oil Accumulation:	2+ feet Freeboard:
Comment: <div style="border: 1px solid black; height: 20px; width: 100%;"></div>		
Corrective Action: <div style="border: 1px solid black; height: 20px; width: 100%;"></div>	Date: _____	

Type: <u>Evaporation</u>	Lined:	Pit ID: <u>274750</u>	Lat: <u>40.611033</u>	Long: <u>-103.989399</u>
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Reference Point: _____	Other: _____	Length: _____	Width: _____
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Lining:

Liner Type:	Liner Condition:
Comment: Operator submitted form 27 #401479423 12/15/2017 w/ Remediation summary and reclamation plan. COGCC environmental group required additional information. Supplemental information has not been provided, remediation project #10837 remains open.	
Corrective Action: Submit the required information per 27 #401479423 attached to a Form 27 Supplemental Report to the COGCC Environmental Protection Specialist; Submit the Lat/Lon for southeast corner of pit and determine lateral extent of soil impacted by SAR, EC and pH in the south, east and north directions of the pit.	Date: <u>08/20/2018c</u>

Fencing:

Fencing Type:

Fencing Condition:

Comment:

Corrective
Action

Date:

Netting:

Netting Type:

Netting Condition:

Comment:

Corrective
Action

Date:

Anchor Trench Present:

Oil Accumulation:

2+ feet Freeboard:

Comment:

Corrective
Action

Date:

Permit:	Facility ID	Permit Num	Expiration Date
	274750	1175387	
	274750	1175387	

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

Document Num	Description	URL
682503626	Inspection Photos	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4529102