

**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: _____

Status Summary:

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

Operator Information:

OGCC Operator Number: 10112
Name of Operator: FOUNDATION ENERGY MANAGEMENT LLC
Address: 5057 KELLER SPRINGS RD STE 650
City: ADDISON State: TX Zip: 75001

Findings:

- 5 Number of Comments
- 3 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.](#)

Location

Overall 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		

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: 260679 Type: WELL API Number: 123-20533 Status: SI Insp. Status: RI

Facility ID: 274750 Type: PIT API Number: - Status: AC Insp. Status: RI

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 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 **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:

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 08/31/2018
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Overall Final Reclamation Fail 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

Comment:

Corrective Action: Date: _____

Pits: NO SURFACE INDICATION OF PIT

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

Lining:

Liner Type: _____ Liner Condition: _____

Comment:

Corrective Action: Date: c

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: _____

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: _____

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. Suplimental 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: 08/20/2018c

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 Documents

You 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