

**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:

05/15/2017

Submitted Date:

05/18/2017

Document Number:

673715467**FIELD INSPECTION FORM**

Loc ID      Inspector Name:      On-Site Inspection ☐  
 317024      Sherman, Susan      2A Doc Num: \_\_\_\_\_

**Operator Information:**OGCC Operator Number: 35190Name of Operator: GRAYHORSE OPERATING INCAddress: 20 EAST 5TH ST STE 320City: TULSA      State: OK      Zip: 74103**Status Summary:**

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

**Findings:**21 Number of Comments0 Number of Corrective Actions☐ Corrective Action Response Requested**Contact Information:**

Contact Name	Phone	Email	Comment
Ellis, Charles	(918) 382-9201	caellis@grayhorse.net	
Crumley, Tim	(970) 768-5658	tcrumley@comcast.net	

**Inspected Facilities:**

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	Insp Status
234567	WELL	PR	01/25/1965	OW	121-06694	HORN, RUTH B 2	PR

**General Comment:**

**Location**Overall Good: ☒

<b>Signs/Marker:</b>			
Type	CONTAINERS		
Comment:			
Corrective Action:		Date:	
Type	BATTERY		
Comment:			
Corrective Action:		Date:	
Type	OTHER		
Comment:	lease sign at CR R		
Corrective Action:		Date:	
Type	WELLHEAD		
Comment:			
Corrective Action:		Date:	
Type	TANK LABELS/PLACARDS		
Comment:			
Corrective Action:		Date:	

Emergency Contact Number:

Comment: 918-382-9201

Corrective Action:

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

Overall Good: ☐

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

In Containment: No

Comment:

☐ Multiple Spills and Releases?

<b>Equipment:</b>			corrective date
Type: Vertical Heater Treater	# 1		
Comment:	shed, bird protector, bermed, GPS 40.005609, -103.410356, propane tank		
Corrective Action:		Date:	
Type: Flow Line	# 1		
Comment:	NOT IN USE: risers west of VHT, GPS 40.005587, -103.410258 (see attached photo), Inventory, test, mark or cut and cap per Flowline NTO.		
Corrective Action:		Date:	
Type: Deadman # & Marked	# 4		
Comment:			
Corrective Action:		Date:	
Type: Emission Control Device	# 1		
Comment:	concrete pad, bird protector, GPS 40.005578, -103.410378, pilot on, gas scrubber		

Corrective Action:		Date:	
Type: Bird Protectors	# 2		
Comment:			
Corrective Action:		Date:	
Type: Flow Line	# 1		
Comment:	IN USE: @ GPS 40.007104, -103.412161 in steel panels on access road to well. Inventory, test and mark per Flowline NTO.		
Corrective Action:		Date:	
Type: Prime Mover	# 1		
Comment:	electric motor, REA Poles, electric panel		
Corrective Action:		Date:	
Type: Pump Jack	# 1		
Comment:	chemical container, concrete pad, casing vent (Johnson wellscreen) at wellhead-remove		
Corrective Action:		Date:	

**Tanks and Berms:**

Contents	#	Capacity	Type	Tank ID	SE GPS
PRODUCED WATER	1	400 BBLS	STEEL AST		,
Comment:	gas scrubber				
Corrective Action:				Date:	

**Paint**

Condition	Adequate
Other (Content)	
Other (Capacity)	
Other (Type)	

**Berms**

Type	Capacity	Permeability (Wall)	Permeability (Base)	Maintenance	
Comment:	same berms as crude oil tanks				
Corrective Action:			Date:		
Contents	#	Capacity	Type	Tank ID	SE GPS
CRUDE OIL	3	300 BBLS	STEEL AST		40.005594,-103.410299
Comment:	tank valve leaking on easternmost oil tank, not on ground (see attached photo), Enardo valve on westernmost tank				
Corrective Action:			Date:		

**Paint**

Condition	Adequate
Other (Content)	
Other (Capacity)	
Other (Type)	

**Berms**

Type	Capacity	Permeability (Wall)	Permeability (Base)	Maintenance

Earth	Adequate	Walls Sufficient	Base Sufficient	Adequate	
Comment:					
Corrective Action:					Date:

**Venting:**

Yes/No	YES		
Comment:			
Corrective Action:			Date:

**Flaring:**

Type			
Comment:			
Corrective Action:			Date:

**Location Construction**

Location ID: 234567 CDP: \_\_\_\_\_

Comment: \_\_\_\_\_

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

**Form 2A COAs:**

**Comment:** No COAs.

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

**Wildlife BMPs:**

**Comment:** \_\_\_\_\_

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

**Comment:** \_\_\_\_\_

**Corrective Action:** \_\_\_\_\_ Date: \_\_\_\_\_

**On Site Inspection (305):**Surface Owner Contact Information:

Name: \_\_\_\_\_ Address: \_\_\_\_\_

Phone Number: \_\_\_\_\_ Cell Phone: \_\_\_\_\_

Operator Rep. Contact Information:

Landman Name: \_\_\_\_\_ Phone Number: \_\_\_\_\_

Date Onsite Request Received: \_\_\_\_\_ Date of Rule 306 Consultation: \_\_\_\_\_

Request LGD Attendance: \_\_\_\_\_

LGD Contact Information:

Name: \_\_\_\_\_ Phone Number: \_\_\_\_\_ Agreed to Attend: \_\_\_\_\_

Summary of Landowner Issues:

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Summary of Operator Response to Landowner Issues:

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Onsite Inspection Memorandum Summarizing Discussions at Inspection as Attachment:

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Inspected Facilities									
Facility ID:	234567	Type:	WELL	API Number:	121-06694	Status:	PR	Insp. Status:	PR
Producing Well									
Comment:	PR. Apr 2017 reported to COGCC database.								
Corrective Action:				Date:					

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

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

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

Comment: pasture**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 \_\_\_\_\_

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
Other	Pass	Culverts		Material Handling And Spill Prevention	Pass	bales on SW side of pits, also needed on SE side
Gravel	Pass	Gravel	Pass			
Compaction	Pass	Compaction	Pass			

Comment: Maintain culvert on access road (see attached photo).

Corrective Action:

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

**Pits:** ☐ NO SURFACE INDICATION OF PITType: Produced WaterLined: NO

Pit ID:

Lat: 40.004180Long: -103.410331Reference Point: SE

Other: \_\_\_\_\_

Length: 150Width: 80**Lining:**

Liner Type:

Liner Condition:

Comment:

Corrective Action

Date: c**Fencing:**Fencing Type: LivestockFencing Condition: Adequate

Comment:

Corrective Action

Date:

**Netting:**

Netting Type:

Netting Condition:

Comment:

Corrective Action

Date:

Anchor Trench Present:

Oil Accumulation: NO2+ feet Freeboard: YESComment: SE pit

Corrective Action

Date:

Type: Produced WaterLined: NO

Pit ID:

Lat:

Long:

Reference Point: \_\_\_\_\_

Other: \_\_\_\_\_

Length: 50Width: 50**Lining:**

Liner Type:

Liner Condition:

Comment:

Corrective Action

Date: c**Fencing:**Fencing Type: LivestockFencing Condition: Adequate

Comment:

Corrective Action

Date:

**Netting:**



Netting Type:		Netting Condition:	
Comment:			
Corrective Action			
Anchor Trench Present:	Oil Accumulation: <u>NO</u>	2+ feet Freeboard: <u>YES</u>	
Comment:	<u>FBM, water pumping into pit, NE pit</u>		
Corrective Action			
Type: <u>Produced Water</u>	Lined: <u>NO</u>	Pit ID:	Lat: <u>40.004312</u> Long: <u>-103.410500</u>
Reference Point: <u>SW</u>	Other: _____	Length: <u>250</u>	Width: <u>100</u>
<u>Lining:</u>			
Liner Type:		Liner Condition:	
Comment:			
Corrective Action			
Date:	<u>c</u>		
<u>Fencing:</u>			
Fencing Type: <u>Livestock</u>		Fencing Condition: <u>Adequate</u>	
Comment:			
Corrective Action			
Date:			
<u>Netting:</u>			
Netting Type:		Netting Condition:	
Comment:			
Corrective Action			
Date:			
Anchor Trench Present:	Oil Accumulation: <u>NO</u>	2+ feet Freeboard: <u>YES</u>	
Comment:	<u>westernmost pit</u>		
Corrective Action			
Date:			
Type: <u>Produced Water</u>	Lined: <u>NO</u>	Pit ID:	Lat: _____ Long: _____
Reference Point: _____	Other: _____	Length: <u>75</u>	Width: <u>75</u>
<u>Lining:</u>			
Liner Type:		Liner Condition:	
Comment:			
Corrective Action			
Date:	<u>c</u>		
<u>Fencing:</u>			
Fencing Type: <u>Livestock</u>		Fencing Condition: <u>Adequate</u>	
Comment:			
Corrective Action			
Date:			
<u>Netting:</u>			
Netting Type:		Netting Condition:	
Comment:			
Corrective Action			
Date:			

Anchor Trench Present:	Oil Accumulation: <u>NO</u>	2+ feet Freeboard: <u>YES</u>
Comment:	<u>Middle eastern pit</u>	
Corrective Action	Date:	

**COGCC Comments**

Comment	User	Date
See corrective action on inspection #678200673 from 3/17/2017 to provide a project update to REM #5061 regarding erosion control BMPs . The photos in this inspection from 5/15/2017 show that the west side of the remediation has good vegetative cover while the east side requires some stormwater BMPs where rills are forming so that vegetation will establish on the east side better. Discussed this with Rob Young/COGCC. The affected area continues from the SW corner of the pits at GPS 40.004312, -103.410500 down the slope to GPS 40.002822, -103.412382, ~750'. Some cheat grass is growing in the reclaimed area.	ShermaSe	05/18/2017

**Attached Documents**

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

Document Num	Description	URL
401287545	INSPECTION SUBMITTED	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4151079">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4151079</a>
673715483	Grayhorse Horn, Ruth B 2	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4151072">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4151072</a>