

**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 317024 Inspector Name: Sherman, Susan On-Site Inspection ☐ 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
Crumley, Tim	(970) 768-5658	tcrumley@comcast.net	
Ellis, Charles	(918) 382-9201	caellis@grayhorse.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:

LocationOverall Good: ☒**Signs/Marker:**

Type	CONTAINERS		
Comment:			
Corrective Action:		Date:	
Type	BATTERY		
Comment:			
Corrective Action:		Date:	
Type	WELLHEAD		
Comment:			
Corrective Action:		Date:	
Type	OTHER		
Comment:	lease sign at CR R		
Corrective Action:		Date:	
Type	TANK LABELS/PLACARDS		
Comment:			
Corrective Action:		Date:	

Emergency Contact Number:

Comment: 918-382-9201

Corrective Action:

Date: _____

Overall Good: ☐**Spills:**

Type	Area	Volume		
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In Containment: No

Comment:

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

Type: Emission Control Device	# 1		corrective date
Comment:	concrete pad, bird protector, GPS 40.005578, -103.410378, pilot on, gas scrubber		
Corrective Action:		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: Pump Jack	# 1		
Comment:	chemical container, concrete pad, casing vent (Johnson wellscreen) at wellhead-remove		

Corrective Action:		Date:	
Type: Prime Mover	# 1		
Comment:	electric motor, REA Poles, electric panel		
Corrective Action:		Date:	
Type: Deadman # & Marked	# 4		
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: Bird Protectors	# 2		
Comment:			
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:

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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 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: _____

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: 40.004312Long: -103.410500Reference Point: SW

Other: _____

Length: 250Width: 100**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: westernmost pit

Corrective Action

Date:

Type: Produced WaterLined: NO

Pit ID:

Lat:

Long:

Reference Point: _____

Other: _____

Length: 75Width: 75**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: <u>NO</u>	2+ feet Freeboard: <u>YES</u>		
Comment:	<u>Middle eastern pit</u>			
Corrective Action				Date:
Type: <u>Produced Water</u>	Lined: <u>NO</u>	Pit ID:	Lat:	Long:
Reference Point:	Other:	Length: <u>50</u>	Width: <u>50</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>FBM, water pumping into pit, NE pit</u>			
Corrective Action				Date:
Type: <u>Produced Water</u>	Lined: <u>NO</u>	Pit ID:	Lat: <u>40.004180</u>	Long: <u>-103.410331</u>
Reference Point: <u>SE</u>	Other:	Length: <u>150</u>	Width: <u>80</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: NO2+ feet Freeboard: YESComment: SE pitCorrective
Action

Date:

Permit:	Facility ID	Permit Num	Expiration Date
	416057	2605628	
	416057	2605628	

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

Document Num	Description	URL
673715483	Grayhorse Horn, Ruth B 2	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4151072