

**FORM
INSP**Rev
05/11**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:

07/13/2016

Document Number:

679700202

Overall Inspection:

ACTION REQUIRED**FIELD INSPECTION FORM**

Location Identifier	Facility ID	Loc ID	Inspector Name:	On-Site Inspection	2A Doc Num:
	242350	318871	ALLISON, RICK	<input type="checkbox"/>	

Operator Information:OGCC Operator Number: 30560Name of Operator: FORTITUDE EXPLORATION COAddress: P O BOX 5417City: NAVARRE State: FL Zip: 32566

- ☐ THIS IS A FOLLOW UP INSPECTION
- ☒ FOLLOW UP INSPECTION REQUIRED
- ☐ NO FOLLOW UP INSPECTION REQUIRED
- ☐ INSPECTOR REQUESTS FORM 42 WHEN CORRECTIVE ACTIONS ARE COMPLETED

Contact Information:

Contact Name	Phone	Email	Comment
Koehler, Vernon	970-295-6656	vkoeher@fs.fed.us	USFS Pawnee National Grassland
Pesicka, Conor		conor.pesicka@state.co.us	COGCC Field Inspector
Gregory Dillon		gregory_dillon@yahoo.com	Operator
Joe Culek		j.culek@charter.net	Lease Operator
Axelson, John		john.axelson@state.co.us	COGCC East Environmental Supervisor

Compliance Summary:QtrQtr: NENW Sec: 6 Twp: 11N Range: 56W

Insp. Date	Doc Num	Insp. Type	Insp Status	Satisfactory /Action Required	PA P/F/I	Pas/Fail (P/F)	Violation (Y/N)
10/20/2009	200221061	PR	PR	ACTION REQUIRED			No
04/09/2003	200037313	PR	PR	SATISFACTORY		Pass	No
02/09/1996	500165205	PR	PR			Fail	No

Inspector Comment:

This is a COGCC Environmental Staff inspection related to the skim pit and produced water pit only. The Operator is referred to COGCC Inspection Document #684901676 for corrective actions required at the wellhead, heater treater and tank battery.

Related Facilities:

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	Insp Status	
100329	PIT	AC			-	USA-21-6	EI	<input checked="" type="checkbox"/>
118366	PIT	AC			-	USA 21-6	EI	<input checked="" type="checkbox"/>
242350	WELL	PR	03/14/2012	OW	123-10141	U S A 21-6	EI	<input checked="" type="checkbox"/>

Equipment:**Location Inventory**

Inspector Name: ALLISON, RICK

Special Purpose Pits: _____	Drilling Pits: _____	Wells: _____	Production Pits: _____
Condensate Tanks: _____	Water Tanks: _____	Separators: _____	Electric Motors: _____
Gas or Diesel Mortors: _____	Cavity Pumps: _____	LACT Unit: _____	Pump Jacks: _____
Electric Generators: _____	Gas Pipeline: _____	Oil Pipeline: _____	Water Pipeline: _____
Gas Compressors: _____	VOC Combustor: _____	Oil Tanks: _____	Dehydrator Units: _____
Multi-Well Pits: _____	Pigging Station: _____	Flare: _____	Fuel Tanks: _____

Location

Lease Road:

Type	Satisfactory/Action Required	comment	Corrective Action	Date

Signs/Marker:

Type	Satisfactory/Action Required	Comment	Corrective Action	CA Date

Emergency Contact Number (S/AR): _____

Corrective Date: _____

Comment: _____

Corrective Action: _____

Good Housekeeping:

Type	Satisfactory/Action Required	Comment	Corrective Action	CA Date

Spills:

Type	Area	Volume	Corrective action	CA Date

☐ Multiple Spills and Releases?

Fencing/:

Type	Satisfactory/Action Required	Comment	Corrective Action	CA Date

Equipment:

Type:	#	Satisfactory/Action Required:	
Comment			
Corrective Action			Date: _____

Venting:

Yes/No	
Comment	

Flaring:

Type	Satisfactory/Action Required	
Comment:		
Corrective Action:		Correct Action Date: _____

Predrill

Location ID: 242350

Lease Road Adeq.: _____

Pads: _____

Soil Stockpile: _____

S/AR: _____

Corrective Action: _____

Date: _____ CDP Num.: _____

Form 2A COAs:**S/AR:** _____ **Comment:** _____**CA:** _____ **Date:** _____**Wildlife BMPs:****S/AR:** _____ **Comment:** _____**CA:** _____ **Date:** _____**Comment:** _____**Staking:****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:

Summary of Operator Response to Landowner Issues:

Onsite Inspection Memorandum Summarizing Discussions at Inspection as Attachment:

Facility

Facility ID: 100329 Type: PIT API Number: - Status: AC Insp. Status: EI

Facility ID: 118366 Type: PIT API Number: - Status: AC Insp. Status: EI

Facility ID: 242350 Type: WELL API Number: 123-10141 Status: PR Insp. Status: EI

Environmental**Spills/Releases:**

Type of Spill: _____ Description: _____ Estimated Spill Volume: _____

Comment: _____

Corrective Action: _____ Date: _____

Reportable: _____ GPS: Lat _____ Long _____

Inspector Name: ALLISON, RICK

Proximity to Surface Water: _____

Depth to Ground Water: _____

Water Well:

Lat

Long

DWR Receipt Num: _____ Owner Name: _____ GPS : _____

Field Parameters:

Sample Location: _____

Emission Control Burner (ECB): _____

Comment: _____

Pilot: _____ Wildlife Protection Devices (fired vessels): _____

Reclamation - Storm Water - Pit

Interim Reclamation:

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

Land Use: _____

Comment: _____

1003a. Waste and Debris removed? _____

CM _____

CA _____

CA Date _____

Unused or unneeded equipment onsite? _____

CM _____

CA _____

CA Date _____

Pit, cellars, rat holes and other bores closed? _____

CM _____

CA _____

CA Date _____

Guy line anchors marked? _____

CM _____

CA _____

CA 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 _____

1003 f. Weeds Noxious weeds? _____

Inspector Name: ALLISON, RICK

Comment:

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

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
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

S/A/V:

Corrective Date:

Comment:

CA:

Pits: ☐ NO SURFACE INDICATION OF PIT

Inspector Name: ALLISON, RICK

Pit Type: Evaporation Lined: NO Pit ID: 118366 Lat: 40.962045 Long: -103.686917

Lining:

Liner Type: _____ Liner Condition: _____

Comment: _____

Fencing:

Fencing Type: _____ Fencing Condition: _____

Comment: _____

Netting:

Netting Type: Mesh Netting Condition: Holes

Comment: Wire mesh net has holes that allows birds to enter the pit area become trapped. A cable holding the mesh is broken

Anchor Trench Present: _____ Oil Accumulation: YES 2+ feet Freeboard: _____

Pit (S/A/V): ACTION Comment: Oil has accumulated on the pit surface. Operator notified COGCC verbally on the afternoon of 7/13/2016 that a vacuum truck had been dispatched to remove the oil.

Corrective Action: If produced water pit will remain in service, it must be operated to remain oil free. If the surface owner (USFS) requires netting, the net must be maintained to prevent wildlife from entering the pit and becoming trapped. Include a plan for either closure of the pit or future operations with modification and maintenance of the net with the Form 27 required for the unlined skim pit closure. Corrective Date 8/12/2016 refers to the date the Form 27 is due. Date: 08/12/2016

Pit Type: Skimming/Settling Lined: NO Pit ID: 100329 Lat: 40.961967 Long: -103.687109

Lining:

Liner Type: _____ Liner Condition: _____

Comment: Skim Pit is a tinhorn - unlined culvert

Fencing:

Fencing Type: _____ Fencing Condition: _____

Comment: _____

Netting:

Netting Type: Metal Grid Netting Condition: _____

Comment: _____

Anchor Trench Present: _____ Oil Accumulation: YES 2+ feet Freeboard: _____

Pit (S/A/V): ACTION Comment: Skim pit is an unlined culvert (tinhorn) with a metal grid cover. Oil-stained soil is present around skim pit and down pit wall into produced water pit.

Corrective Action: The unlined skim pit must be closed per Rule 906.b. and oily waste associated with the skim pit must be remediated per Rule 907.e. The Operator must submit a Form 27 Site Investigation and Remediation Workplan for the closure of the skim pit and remediation of oily waste. If the produced water pit will remain in service, the Operator may install a closed skim tank or a properly lined, netted and permitted skim pit in place of the current unlined skim pit (tinhorn). The Corrective Action Date of 08/12/2016 refers to the date the Form 27 is due. Date: 08/12/2016

Attached Documents

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

Document Num	Description	URL
679700203	USA21-6_InspectionPhotos_7-13-16	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3903584