

**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:
02/29/2016
Document Number:
673712768
Overall Inspection:
SATISFACTORY

FIELD INSPECTION FORM

Location Identifier	Facility ID	Loc ID	Inspector Name:	On-Site Inspection	2A Doc Num:
	<u>261555</u>	<u>317349</u>	<u>Sherman, Susan</u>	<input type="checkbox"/>	

Operator Information:

OGCC Operator Number:	<u>24320</u>
Name of Operator:	<u>DIAMOND OPERATING, INC.</u>
Address:	<u>6666 GUNPARK DR STE #200</u>
City:	<u>BOULDER</u> State: <u>CO</u> Zip: <u>80301</u>

- 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
Peterson, Dave	(303) 949-4420	davep@flatironenergy.com	

Compliance Summary:

QtrQtr: SESE Sec: 3 Twp: 2S Range: 54W

Insp. Date	Doc Num	Insp. Type	Insp Status	Satisfactory /Action Required	PA P/F/I	Pas/Fail (P/F)	Violation (Y/N)
01/21/2014	673700897	PR	PR	ACTION REQUIRED			No
10/31/2007	200121544	PR	PR	SATISFACTORY			No
09/17/2004	200059982	PR	PR	SATISFACTORY		Pass	No
04/06/2004	200052885	ES	PR	SATISFACTORY		Pass	No
05/28/2003	200039679	PR	PR	ACTION REQUIRED		Fail	Yes
10/29/2001	200022085	CC	DG	SATISFACTORY		Pass	No

Inspector Comment:

Related Facilities:

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	Insp Status
104604	PIT		09/23/1999		-	WARD 4	<input type="checkbox"/>
104605	PIT		09/23/1999		-	WARD 4	<input type="checkbox"/>
117678	PIT		09/23/1999		-	WARD	<input type="checkbox"/>
261555	WELL	SI	08/31/2015	OW	121-10652	WARD UNIT 44-3	SI <input checked="" type="checkbox"/>

Equipment:

Location Inventory

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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
OTHER	SATISFACTORY	Colorad Produced Water Discharge sign, outfall at GPS 39.90029, - 103.40453		
TANK LABELS/PLACARDS	SATISFACTORY			
CONTAINERS	SATISFACTORY			
BATTERY	SATISFACTORY			

Emergency Contact Number (S/AR): SATISFACTORY 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
PUMP JACK	SATISFACTORY	hog panels		
WELLHEAD	SATISFACTORY	hog panels		

Equipment:

Type: Prime Mover	# 1	Satisfactory/Action Required:	SATISFACTORY
Comment	electric motor		
Corrective Action		Date:	
Type: FWKO	# 2	Satisfactory/Action Required:	SATISFACTORY

Inspector Name: Sherman, Susan

Comment	shed same berms as VHT, large one in shed, small one by HHT		
Corrective Action			Date:
Type: Pump Jack	# 1	Satisfactory/Action Required:	SATISFACTORY
Comment			
Corrective Action			Date:
Type: Horizontal Heater Treater	# 1	Satisfactory/Action Required:	SATISFACTORY
Comment	same berms as VHT		
Corrective Action			Date:
Type: Ancillary equipment	# 3	Satisfactory/Action Required:	
Comment	electric panel, 2 YW poles		
Corrective Action			Date:
Type: Bird Protectors	# 3	Satisfactory/Action Required:	SATISFACTORY
Comment	on HHT and tank smoke stacks		
Corrective Action			Date:
Type: Deadman # & Marked	# 1	Satisfactory/Action Required:	SATISFACTORY
Comment			
Corrective Action			Date:
Type: Verical Heater Treater	# 1	Satisfactory/Action Required:	SATISFACTORY
Comment	shed, berms GPS 39.89960, -103.40454		
Corrective Action			Date:

Facilities: New Tank Tank ID: _____

Contents	#	Capacity	Type	SE GPS
PRODUCED WATER	1	200 BBLS	STEEL AST	,
S/AR	SATISFACTORY		Comment: same berms as VHT	
Corrective Action:				Corrective Date:

Paint

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

Berms

Type	Capacity	Permeability (Wall)	Permeability (Base)	Maintenance
Corrective Action				Corrective Date
Comment				

Facilities: New Tank Tank ID: _____

Contents	#	Capacity	Type	SE GPS
PRODUCED WATER	1	400 BBLS	STEEL AST	39.899600,-103.404540

Inspector Name: Sherman, Susan

S/AR	SATISFACTORY	Comment:	
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Corrective Action:		Corrective Date:	
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Paint

Condition	Adequate
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Other (Content) _____

Other (Capacity) _____

Other (Type) _____

Berms

Type	Capacity	Permeability (Wall)	Permeability (Base)	Maintenance
Earth	Adequate	Walls Sufficient	Base Sufficient	Adequate

Corrective Action		Corrective Date	
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Comment	same berms as VHT, etc.
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Facilities: New Tank Tank ID: _____

Contents	#	Capacity	Type	SE GPS
PRODUCED WATER	1	500 BBLS	FIBERGLASS AST	39.900130,

S/AR	SATISFACTORY	Comment:	
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Corrective Action:		Corrective Date:	
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Paint

Condition	Adequate
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Other (Content) _____

Other (Capacity) _____

Other (Type) _____

Berms

Type	Capacity	Permeability (Wall)	Permeability (Base)	Maintenance

Corrective Action		Corrective Date	
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Comment	
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Facilities: New Tank Tank ID: _____

Contents	#	Capacity	Type	SE GPS
CRUDE OIL	2	500 BBLS	STEEL AST	39.899620,-103.404970

S/AR	SATISFACTORY	Comment:	one tank is leaking at some of the bolts (see attached photo), not on ground, 2 smoke stacks with bird protectors
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Corrective Action:		Corrective Date:	
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Paint

Condition	Adequate
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Other (Content) _____

Other (Capacity) _____

Other (Type) _____

Berms

Type	Capacity	Permeability (Wall)	Permeability (Base)	Maintenance
Earth	Adequate	Walls Sufficient	Base Sufficient	Adequate

Corrective Action		Corrective Date	
Comment			

Venting:

Yes/No	
Comment	

Flaring:

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

Predrill

Location ID: 261555

Site Preparation:

Lease Road Adeq.: _____ Pads: _____ Soil Stockpile: _____

S/AR: _____

Corrective Action: _____ Date: _____ CDP Num.: _____

Form 2A COAs:

S/AR: SATISFACTORY **Comment:** No COAs.

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

Idle Well

Purpose: Shut In Temporarily Abandoned Reminder: _____
S/A/V: SATISFACTORY CA Date: _____
CA: _____
Comment: Shut In since Jun 2015.

Environmental

Spills/Releases:

Type of Spill: _____ Description: _____ Estimated Spill Volume: _____
Comment: _____
Corrective Action: _____ Date: _____
Reportable: _____ GPS: Lat _____ Long _____
Proximity to Surface Water: _____ Depth to Ground Water: _____

Water Well:

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

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: dryland
1003a. Waste and Debris removed? Pass
CM _____
CA _____ CA Date _____
Unused or unneeded equipment onsite? Pass
CM _____
CA _____ CA Date _____
Pit, cellars, rat holes and other bores closed? Pass
CM _____
CA _____ CA Date _____
Guy line anchors marked? Pass
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? _____

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
Compaction	Pass	Compaction	Pass			
Gravel	Pass	Gravel	Pass			
Berms	Pass					around wellhead

S/A/V: SATISFACTOR Corrective Date: _____
Y _____

Comment: _____

CA: _____

Pits: NO SURFACE INDICATION OF PIT

Pit Type: Produced Water Lined: NO Pit ID: _____ Lat: 39.899700 Long: -103.404960

Lining:

Liner Type: _____ Liner Condition: _____

Comment: _____

Fencing:

Fencing Type: _____ Fencing Condition: _____

Comment: _____

Netting:

Netting Type: _____ Netting Condition: _____

Comment: _____

Anchor Trench Present: _____ Oil Accumulation: NO 2+ feet Freeboard: _____

Pit (S/A/V): SATISFACTOR Comment: 50'x150'

Corrective Action: _____ Date: _____

Pit Type: Skimming/Settling Lined: YES Pit ID: _____ Lat: 39.899960 Long: -103.404820

Lining:

Liner Type: Other Liner Condition: Adequate

Comment: metal

Fencing:

Fencing Type: _____ Fencing Condition: _____

Comment: _____

Netting:

Netting Type: Metal Grid Netting Condition: Good

Comment: _____

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

Pit (S/A/V): _____ Comment: Remove or remediate oil in skim tank

Corrective Action: _____ Date: _____

Pit Type: Produced Water Lined: NO Pit ID: _____ Lat: 39.900240 Long: -103.404500

Lining:

Liner Type: _____ Liner Condition: _____

Comment: _____

Fencing:

Fencing Type: _____ Fencing Condition: _____

Comment: _____

Netting:

Netting Type: _____ Netting Condition: _____

Comment: _____

Anchor Trench Present: _____ Oil Accumulation: NO 2+ feet Freeboard: _____

Pit (S/A/V): SATISFACTOR Comment: ~65'x65'

Corrective Action: _____ Date: _____

Pit Type: Produced Water Lined: NO Pit ID: _____ Lat: 39.899750 Long: -103.404270

Lining:

Liner Type: _____ Liner Condition: _____

Comment: _____

Fencing:

Fencing Type: _____ Fencing Condition: _____

Comment: _____

Netting:

Netting Type: _____ Netting Condition: _____

Comment: _____

Anchor Trench Present: _____ Oil Accumulation: NO 2+ feet Freeboard: _____

Pit (S/A/V): SATISFACTOR Comment: Triangular pond on east side of location that discharges to field to the north. ~200'x200'x200'

Corrective Action: _____ Date: _____

COGCC Comments

Comment	User	Date
Colorado produced water discharge permit COG840005 is current. Sign states "Diamond Operating Inc, Ward Unit-Outfall 001, CDPS Discharge Facility Number COG 600 403, Colorado Water Quality Control Division."	ShermaSe	03/03/2016

Attached Documents

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

Document Num	Description	URL
673712792	Diamond Operating Ward 44-3	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3798687