

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



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Inspection Date:
03/19/2014

Document Number:
673701734

Overall Inspection:
Satisfactory

FIELD INSPECTION FORM

Location Identifier	Facility ID	Loc ID	Inspector Name:	On-Site Inspection	<input type="checkbox"/>
	<u>237714</u>	<u>317281</u>	<u>Sherman, Susan</u>	2A Doc Num:	

Operator Information:

OGCC Operator Number: _____

Name of Operator: DIAMOND OPERATING, INC.

Address: 6666 GUNPARK DR STE #200

City: BOULDER State: CO Zip: 80301

- 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
NOTO, JOHN		john.noto@state.co.us	
Peterson, Dave	(303) 949-4420	davep@flatironenergy.com	

Compliance Summary:

QtrQtr: SWSE Sec: 3 Twp: 3S Range: 52W

Insp. Date	Doc Num	Insp. Type	Insp Status	Satisfactory /Unsatisfactory	PA P/F/I	Pas/Fail (P/F)	Violation (Y/N)
10/19/2012	663300693	PR	PR	Unsatisfactory	P		No
11/24/2007	200122906	PR	PR	Satisfactory			No
10/15/1998	500159881	ES	PR			Pass	No
02/15/1996	500159880	PR	PR			Pass	No
02/14/1996	500159879	PR	PR			Fail	Yes
12/05/1995	500159878	PR	PR			Pass	No
10/10/1995	500159877	PR	PR			Fail	Yes
09/01/1994	500159876		PR				Yes
07/14/1994	500159875		PR				Yes
04/22/1994	500159874		PR				Yes

Inspector Comment:

Related Facilities:

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	Insp Status	
237714	WELL	PR	03/01/2012	OW	121-10217	MARICK STATE 2	PR	<input checked="" type="checkbox"/>

Equipment:

Location Inventory

Inspector Name: Sherman, Susan

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/Unsatisfactory	comment	Corrective Action	Date
Access	Satisfactory	muddy		

Signs/Marker:

Type	Satisfactory/Unsatisfactory	Comment	Corrective Action	CA Date
WELLHEAD	Satisfactory			
TANK LABELS/PLACARDS	Satisfactory			
BATTERY	Satisfactory			
CONTAINERS	Satisfactory			

Emergency Contact Number: (S/U/V) Satisfactory Corrective Date: _____

Comment: _____

Corrective Action: _____

Spills:

Type	Area	Volume	Corrective action	CA Date
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Multiple Spills and Releases?

Fencing/:

Type	Satisfactory/Unsatisfactory	Comment	Corrective Action	CA Date
PUMP JACK	Satisfactory	steel panels		

Equipment:

Type	#	Satisfactory/Unsatisfactory	Comment	Corrective Action	CA Date
Pump Jack	1	Satisfactory			
Deadman # & Marked	4	Satisfactory			
Ancillary equipment	7	Satisfactory	3 REA poles, cathodic protection, electric box, 2 propane tanks at Bat (treater and tank)		
Veritcal Heater Treater	1	Satisfactory	berms39.81407-103.19063		
Prime Mover	1	Satisfactory	electric		
Bird Protectors	2	Satisfactory			

Facilities:		<input type="checkbox"/> New Tank	Tank ID: _____		
Contents	#	Capacity	Type	SE GPS	
PRODUCED WATER	1	300 BBLS	STEEL AST		
S/U/V:	Comment:		same berms as crude oil tanks		
Corrective Action:				Corrective Date:	
<u>Paint</u>					
Condition	Adequate				
Other (Content)	_____				
Other (Capacity)	_____				
Other (Type)	_____				
<u>Berms</u>					
Type	Capacity	Permeability (Wall)	Permeability (Base)	Maintenance	
Corrective Action				Corrective Date	
Comment					

Facilities:		<input type="checkbox"/> New Tank	Tank ID: _____		
Contents	#	Capacity	Type	SE GPS	
CRUDE OIL	2	300 BBLS	STEEL AST	39.814050, -103.190950	
S/U/V:	Satisfactory		Comment:		
Corrective Action:				Corrective Date:	
<u>Paint</u>					
Condition	Adequate				
Other (Content)	_____				
Other (Capacity)	_____				
Other (Type)	_____				
<u>Berms</u>					
Type	Capacity	Permeability (Wall)	Permeability (Base)	Maintenance	
Earth	Adequate	Walls Sufficient	Base Sufficient	Inadequate	
Corrective Action				Corrective Date	
Maintain berms.				04/18/2014	
Comment					
North berms eroding into field(see attached photo).					

Venting:		
Yes/No	Comment	
NO		

Flaring:				
Type	Satisfactory/Unsatisfactory	Comment	Corrective Action	CA Date

Predrill

Location ID: 237714

Site Preparation:

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

S/U/V: _____

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

Form 2A COAs:

S/U/V: _____ **Comment:** _____

CA: _____ **Date:** _____

Wildlife BMPs:

S/U/V: _____ **Comment:** _____

CA: _____ **Date:** _____

Stormwater:

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: 237714 Type: WELL API Number: 121-10217 Status: PR Insp. Status: PR

Producing Well

Comment: **PR**
Dec 2013 last reported. Submit production data to COGCC.

Environmental

Spills/Releases:

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

Comment: _____

Corrective Action: _____ Date: _____

Inspector Name: Sherman, Susan

Reportable: _____	GPS: Lat _____	Long _____
Proximity to Surface Water: _____	Depth to Ground Water: _____	

Water Well:

DWR Receipt Num: _____	Owner Name: _____	GPS: _____	Lat _____	Long _____
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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: winter wheat field

1003a. Debris removed? Pass CM _____ CA _____ CA Date _____

Waste Material Onsite? Pass CM _____ CA _____ CA Date _____

Unused or unneeded equipment onsite? Pass CM _____ CA _____ CA Date _____

Pit, cellars, rat holes and other bores closed? _____ CM _____ CA _____ CA Date _____

Guy line anchors removed? _____ CM _____ CA _____ CA Date _____

Guy line anchors marked? Pass CM _____ CA _____ CA Date _____

1003b. Area no longer in use? Pass Production areas stabilized? Pass

1003c. Compacted areas have been cross ripped? _____

1003d. Drilling pit closed? Pass Subsidence over on drill pit? Pass

Cuttings management: _____

1003e. Areas no longer needed for drilling or subsequent operations for have been re-vegetated to 80% of pre-existing? Pass

Production areas have been stabilized? Pass Segregated soils have been replaced? _____

RESTORATION AND REVEGETATION

Cropland

Top soil replaced _____ Recontoured _____ Perennial forage re-established Pass

Non-Cropland

Top soil replaced _____ Recontoured _____ 80% Revegetation _____

Inspector Name: Sherman, Susan

1003 f. Weeds Noxious weeds? _____

Comment: the well location passes but not the battery

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	MHSP	Pass	
Berms	Pass					
Gravel	Pass	Gravel	Pass			

S/U/V: Satisfactory Corrective Date: _____

Comment: _____

CA: _____

Pits: NO SURFACE INDICATION OF PIT

Pit Type: Produced Water Lined: NO Pit ID: _____ Lat: 39.813930 Long: -103.189990

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/U/V): Unsatisfactory Comment: S pit
100'x150'
Animal holes on south side berms (see attached photo).

Corrective Action: Install 2' freeboard marker.
Maintain animal holes in berm. Date: 05/01/2014

Pit Type: Skimming/Settling Lined: NO Pit ID: _____ Lat: 39.814080 Long: -103.190470

Lining:

Liner Type: _____ Liner Condition: _____

Comment: _____

Fencing:

Fencing Type: _____ Fencing Condition: _____

Comment: _____

Netting:

Netting Type: Mesh Netting Condition: Good

Comment: _____

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

Pit (S/U/V): Unsatisfactory Comment: S skim pit
45'x10'

Corrective Action: Per pumper, scheduled for remediation work when the weather improves, tank is on location. Date: 05/01/2014

Pit Type: Skimming/Settling Lined: NO Pit ID: _____ Lat: 39.814170 Long: -103.190440

Lining:

Liner Type: _____ Liner Condition: _____

Comment: _____

Fencing:

Fencing Type: _____ Fencing Condition: _____

Comment: _____

Netting:

Netting Type: Mesh Netting Condition: Good

Comment: _____

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

Pit (S/U/V): Unsatisfactory Comment: N skim pit
25'x30'

Corrective Action: Per pumper, scheduled for remediation work when the weather improves, tank is on location. Date: 05/01/2014

Pit Type: Produced Water Lined: NO Pit ID: _____ Lat: 39.814140 Long: -103.189950

Lining:

Liner Type: _____ Liner Condition: _____

Comment: _____

Fencing:

Fencing Type: _____ Fencing Condition: _____

Comment: _____

Netting:

Netting Type: _____ Netting Condition: _____

Comment: _____

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

Pit (S/U/V): Unsatisfactory Comment: Oil on east side of pit.

Corrective Action: Per pumper, this pit will be on the pump truck schedule for cleanup. Notified COGCC EPS of oil on pit. Date: 03/21/2014

Attached Documents

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

Document Num	Description	URL
673701771	Diamond Marick 2 well	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3303013
673701772	Diamond Marick 2 well	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3303014
673701774	Diamond Marick 1&2 Bat	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3303015
673701775	Diamond Marick 1&2 Bat	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3303016
673701776	Diamond Marick 1&2 Bat	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3303017
673701777	Diamond Marick 1&2 Bat	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3303018
673701778	Diamond Marick 1&2 Bat	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3303019
673701779	Diamond Marick 1&2 Bat	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3303020
673701780	Diamond Marick 1&2 Bat	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3303021