

Inspector Name: Sherman, Susan

**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
	<u>237714</u>	<u>317281</u>	<u>Sherman, Susan</u>	<input type="checkbox"/> 2A Doc Num: _____

Operator Information:

OGCC Operator Number:

Name of Operator: DIAMOND OPERATING, INC.Address: 6666 GUNPARK DR STE #200City: 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

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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/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)		
Vertical Heater Treater	1	Satisfactory	berms 39.81407-103.19063		
Prime Mover	1	Satisfactory	electric		
Bird Protectors	2	Satisfactory			

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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:	

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
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:	

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	Inadequate

Corrective Action	Maintain berms.	Corrective Date	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 WellComment: PR
Dec 2013 last reported. Submit production data to COGCC.**Environmental****Spills/Releases:**

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

Comment: _____

Corrective Action: _____ Date: _____

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Reportable: _____ GPS: Lat _____ Long _____
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: 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 _____

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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

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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://cogcc.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