

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

DE	ET	OE	ES
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Inspection Date:

04/18/2014

Document Number:

673702545

Overall Inspection:

ACTION REQUIRED**FIELD INSPECTION FORM**

Location Identifier	Facility ID	Loc ID	Inspector Name:	On-Site Inspection	2A Doc Num:
	233217	316921	Sherman, Susan	<input type="checkbox"/>	

Operator Information:OGCC Operator Number: 24320Name 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: NENE Sec: 2 Twp: 4S Range: 53W

Insp. Date	Doc Num	Insp. Type	Insp Status	Satisfactory /Action Required	PA P/F/I	Pas/Fail (P/F)	Violation (Y/N)
08/30/2010	200273280	SR	PR	ACTION REQUIRED			Yes
02/11/2009	200203933	PR	PR	ACTION REQUIRED			Yes
09/21/2007	200119510	PR	PR	SATISFACTOR Y			No
05/04/2006	200090024	PR	PR	ACTION REQUIRED		Fail	Yes
05/30/2000	200007238	ES	SI	SATISFACTOR Y		Fail	Yes
06/19/1997	500158166	ES	PR			Fail	Yes
04/25/1997	500158165	ES	PR			Pass	No
04/17/1997	500158164	ES	PR			Fail	Yes
04/15/1997	500158163	PR	PR			Fail	Yes
12/05/1995	500158162	PR	PR			Pass	No
10/30/1995	500158161	PR	PR			Pass	No
09/22/1995	500158160	PR	PR			Fail	Yes
05/04/1995	500158159	PR	PR			Fail	Yes
03/12/1995	500158158	ES	PR				Yes
03/09/1995	500158157	PR	PR			Fail	Yes

Inspector Comment:

Related Facilities:

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	Insp Status	
109541	PIT	AC	09/23/1999		-	WHITAKER PW 1	AC	<input type="checkbox"/>
109542	PIT	AC	09/23/1999		-	WHITAKER PW 2	AC	<input type="checkbox"/>
109543	PIT	AC	09/23/1999		-	WHITAKER PW 3	AC	<input type="checkbox"/>
117541	PIT	AC	09/23/1999		-	WHITAKER SKIM 1	AC	<input type="checkbox"/>
233217	WELL	PR	04/27/2006	OW	121-05242	WHITAKER (ALLISON ESTATE) 1	PR	<input checked="" type="checkbox"/>

Equipment:Location Inventory

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
Access	ACTION REQUIRED	Erosion on well road (see attached photo).	See stormwater section for corrective action.	06/02/2014

Signs/Marker:

Type	Satisfactory/Action Required	Comment	Corrective Action	CA Date
CONTAINERS	SATISFACTORY			
TANK LABELS/PLACARDS	ACTION REQUIRED	No NFPA labels on tanks.	Install sign to comply with rule 210.	06/02/2014
WELLHEAD	SATISFACTORY			
BATTERY	SATISFACTORY			

Emergency Contact Number (S/A/V): SATISFACTORY

Corrective Date: _____

Comment: _____

Corrective Action: _____

Spills:

Type	Area	Volume	Corrective action	CA Date
Crude Oil	Tank	<= 5 bbls	Oil on side of east side of berm and at truck loadout (see attached photos).	05/09/2014

☐ Multiple Spills and Releases?**Fencing/:**

Type	Satisfactory/Action Required	Comment	Corrective Action	CA Date
PUMP JACK	SATISFACTORY	pig panel		

Equipment:					
Type	#	Satisfactory/Action Required	Comment	Corrective Action	CA Date
Vertical Heater Treater	1	SATISFACTORY	berms 39.73035, -103.27451		
Ancillary equipment	2	SATISFACTORY	One REA pole at well. Gas scrubber at crude oil tank.		
Bird Protectors	2	SATISFACTORY	On treaters.		
Deadman # & Marked	4	SATISFACTORY			
Pump Jack	1	SATISFACTORY			
Prime Mover	1	SATISFACTORY	electric		

Facilities: ☐ New Tank Tank ID: _____

Contents	#	Capacity	Type	SE GPS
PRODUCED WATER	1	400 BBLS	STEEL AST	39.730350,-103.274510

S/A/V: _____ Comment: same berms as treater and 300 BBL PW tank

Corrective Action: _____ Corrective Date: _____

Paint

Condition _____

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	300 BBLS	STEEL AST	39.730350,-103.274510

S/A/V: SATISFACTORY Comment: same berms as treater

Corrective Action _____ Corrective 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

Corrective Action _____ Corrective Date _____

Comment _____

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Facilities:		<input type="checkbox"/> New Tank		Tank ID: _____	
Contents	#	Capacity	Type	SE GPS	
CRUDE OIL	3	400 BBLS	STEEL AST	39.738300,-103.274060	
S/A/V:	SATISFACTORY		Comment:		
Corrective Action:				Corrective 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	
Corrective Action				Corrective Date	
Comment					
Venting:					
Yes/No		Comment			
Flaring:					
Type	Satisfactory/Action Required		Comment	Corrective Action	CA Date

Predrill

Location ID: 233217

Site Preparation:

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

S/A/V: _____

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

Form 2A COAs:**S/A/V:** _____ **Comment:** _____**CA:** _____ **Date:** _____**Wildlife BMPs:****S/A/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: 233217 Type: WELL API Number: 121-05242 Status: PR Insp. Status: PR

Producing Well

Comment: Dec 2013 last production data reported.

Environmental**Spills/Releases:**

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

Comment: _____

Corrective Action: _____ Date: _____

Reportable: _____ GPS: Lat _____ Long _____

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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: **fallow crop 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? _____ 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? Pass 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? _____

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Comment: IR good at well and not at 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	Fail					
Berms	Pass	Compaction	Fail			berms at wellhead

S/A/V: ACTION REQUIRED Corrective Date: 06/02/2014

Comment: Battery location, main road and access roads rutted and muddy.

CA: Install stormwater BMPs to prevent site degradation and transport of sediment offsite.

Pits: ☐ NO SURFACE INDICATION OF PIT

Pit Type: Produced Water Lined: NO Pit ID: _____ Lat: 39.737780 Long: -103.274060

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: 150'x75'

Corrective Action: _____ Date: _____

Pit Type: Produced Water Lined: NO Pit ID: Lat: 39.738150 Long: -103.274500

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/A/V): ACTION Comment: 75'x75'
East center PW pit

Corrective Action: Remove oil on edge of pit (see attached photo). Date: 06/02/2014

Pit Type: Skimming/Settling Lined: YES Pit ID: Lat: 39.738050 Long: -103.274500

Lining:

Liner Type: Liner Condition:

Comment:

Fencing:

Fencing Type: Fencing Condition:

Comment:

Netting:

Netting Type: Mesh Netting Condition: Good

Comment:

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

Pit (S/A/V): ACTION Comment: Two skim pits side by side. 25'x25' each
Soils stockpiled on plastic with berms east of skim pits (see attached photo).

Corrective Action: Remove oil on surface of skim pits (see attached photos). Date: 05/09/2014

Pit Type: Skimming/Settling Lined: YES Pit ID: Lat: 39.738120 Long: -103.274610

Lining:

Liner Type: Liner Condition:

Comment:

Fencing:

Fencing Type: Fencing Condition:

Comment:

Netting:

Netting Type: Mesh Netting Condition: Good

Comment:

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

Pit (S/A/V): ACTION Comment: Two skim pits side by side (25'x25' each)
Soils stockpiled on plastic with berms east of skim pits (see attached photo). A Form 15 was submitted to COGCC on 1/14/2014 and is in process and a remediation plan and schedule to remove skim pits was submitted to COGCC on 1/13/2013.

Corrective Action: Remove oil on skim pits (see attached photos). Date: 06/02/2014

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Pit Type: Produced Water Lined: NO Pit ID: _____ Lat: 39.737950 Long: -103.274110

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: 75'x75'

Corrective Action: _____ Date: _____

Attached Documents

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

Document Num	Description	URL
673702785	Diamond Whitaker 1 Bat	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3330599
673702786	Diamond Whitaker 1 Bat	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3330600
673702788	Diamond Whitaker 1 Bat	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3330601
673702789	Diamond Whitaker 1 Bat	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3330602
673702790	Diamond Whitaker 1 Bat	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3330603
673702791	Diamond Whitaker 1 Bat	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3330604
673702792	Diamond Whitaker 1 Bat	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3330605
673702793	Diamond Whitaker 1 Bat	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3330606
673702794	Diamond Whitaker 1 Bat	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3330607
673702795	Diamond Whitaker 1 Bat	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3330608
673702796	Diamond Whitaker 1 well	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3330609
673702797	Diamond Whitaker 1 well	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3330610
673702798	Diamond Whitaker 1 well	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3330611
673702799	Diamond Whitaker 1 well	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3330612