

**FORM
INSP**

Rev
X/15

**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:
11/09/2016
Submitted Date:
11/10/2016
Document Number:
673714358

FIELD INSPECTION FORM

Loc ID 317274 Inspector Name: Sherman, Susan On-Site Inspection 2A Doc Num: _____

Status Summary:

- THIS IS A FOLLOW UP INSPECTION
- FOLLOW UP INSPECTION REQUIRED
- NO FOLLOW UP INSPECTION REQUIRED

Operator Information:

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

Findings:

- 14 Number of Comments
- 0 Number of Corrective Actions
- Corrective Action Response Requested

Contact Information:

| Contact Name | Phone | Email | Comment |
|----------------|----------------|--------------------------|---------|
| Peterson, Dave | (303) 494-4420 | davep@flatironenergy.com | |
| Young, Rob | | rob.young@state.co.us | |

Inspected Facilities:

| Facility ID | Type | Status | Status Date | Well Class | API Num | Facility Name | Insp Status |
|-------------|------|--------|-------------|------------|-----------|---------------|-------------|
| 237656 | WELL | PR | 02/28/1985 | OW | 121-10159 | IDEA 1 | PR |

General Comment:

Location

Overall Good:

| Signs/Marker: | | | |
|----------------------|----------------------|-------|--|
| Type | CONTAINERS | | |
| Comment: | | | |
| Corrective Action: | | Date: | |
| Type | BATTERY | | |
| Comment: | | | |
| Corrective Action: | | Date: | |
| Type | WELLHEAD | | |
| Comment: | | | |
| Corrective Action: | | Date: | |
| Type | TANK LABELS/PLACARDS | | |
| Comment: | | | |
| Corrective Action: | | Date: | |

Emergency Contact Number:

Comment:

Corrective Action:

Date: _____

Overall Good:

| Spills: | | | |
|----------------|------|--------|--|
| Type | Area | Volume | |
| | | | |

In Containment: No

Comment:

Multiple Spills and Releases?

| Fencing/: | | | |
|--------------------|--------------------|-------|--|
| Type | PUMP JACK | | |
| Comment: | cattle wire panels | | |
| Corrective Action: | | Date: | |

| Equipment: | | | corrective date |
|-------------------------------|---|-------|-----------------|
| Type: Pump Jack | # 1 | | |
| Comment: | Gear box leaks (see attached photo). Fix leak. Stuffing box leak not on ground. | | |
| Corrective Action: | | Date: | |
| Type: Ancillary equipment | # 3 | | |
| Comment: | Electric panel and 2 chemical containers at wellhead. | | |
| Corrective Action: | | Date: | |
| Type: Vertical Heater Treater | # 1 | | |
| Comment: | shed, propane tank, earth berms, GPS 39.85675, -103.32882 | | |
| Corrective Action: | | Date: | |
| Type: Prime Mover | # 1 | | |

| | | | |
|--------------------------|----------------------------|-------|--|
| Comment: | electric motor | Date: | |
| Corrective Action: | | Date: | |
| Type: Deadman # & Marked | # 4 | | |
| Comment: | | Date: | |
| Corrective Action: | | Date: | |
| Type: Bird Protectors | # 3 | | |
| Comment: | On VHT and 2 smoke stacks. | Date: | |
| Corrective Action: | | Date: | |

Tanks and Berms:

| Contents | # | Capacity | Type | Tanak ID | SE GPS |
|--------------------|---|----------|----------------|----------|-----------------------|
| PRODUCED WATER | 1 | 300 BBLs | FIBERGLASS AST | | 39.856960,-103.328980 |
| Comment: | | | | | Date: |
| Corrective Action: | | | | | 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 |
| Comment: | | | | Date: |
| Corrective Action: | | | | Date: |

| Contents | # | Capacity | Type | Tanak ID | SE GPS |
|--------------------|----------------|----------|-----------|----------|-----------------------|
| CRUDE OIL | 2 | 300 BBLs | STEEL AST | | 39.856680,-103.328420 |
| Comment: | 2 smoke stacks | | | | Date: |
| Corrective Action: | | | | | 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 |
| Comment: | | | | Date: |
| Corrective Action: | | | | Date: |

Venting:

| | | |
|--------|--|--|
| Yes/No | | |
|--------|--|--|

| | | | |
|--------------------|--|-------|--|
| Comment: | | | |
| Corrective Action: | | Date: | |

Flaring:

| | | | |
|--------------------|--|-------|--|
| Type | | | |
| Comment: | | | |
| Corrective Action: | | Date: | |

Location Construction

Location ID: 237656 CDP: _____

Comment:

Corrective Action: **Date:** _____

Form 2A COAs:

Comment:

Corrective Action: **Date:** _____

Wildlife BMPs:

Comment:

Corrective Action: **Date:** _____

Comment:

Corrective Action: **Date:** _____

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:

Inspected Facilities

Facility ID: 237656 Type: WELL API Number: 121-10159 Status: PR Insp. Status: PR

Producing Well

Comment: [PR. Sep 2016 reported to COGCC database.](#)

Corrective Action:

Date:

Environmental

Spill/Remediation:

Comment: [Under Remediation Project #8252. Work appears to be completed.](#)

Corrective Action:

Date: _____

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:

1002 SITE PREPARATION AND STABILIZATION

1002a. FENCING _____

Comment

Corrective Action Date _____

1002b. SOIL REMOVAL AND SEGREGATION _____

Comment

Corrective Action Date _____

1002c. PROTECTION OF SOILS _____

Comment

Corrective Action Date _____

1002E. SURFACE DISTURBANCE MINIMIZATION _____

Comment

Corrective Action Date _____

1003a. Waste and Debris removed? Pass

Comment

Corrective Action Date _____

Unused or unneeded equipment onsite? Pass

Comment

Corrective Action Date _____

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

Comment

Corrective Action Date _____

Guy line anchors marked? Pass

Comment

Corrective Action 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 _____

1003e. INTERIM VEGETATION TRANSECT
 TRANSECT RESULTS OF DISTURBED AREA% _____
 TRANSECT RESULTS OF REFERENCE AREA% _____
 TOTAL % OF DESIRABLE VEGETATION COVER _____
 VEGETATIVE COVER _____

1003 f. Weeds Noxious weeds? _____

Comment

Corrective Action

Date _____

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 _____

1004.d. FINAL VEGETATION TRANSECT
 TRANSECT RESULTS OF DISTURBED AREA% _____
 TRANSECT RESULTS OF REFERENCE AREA% _____
 TOTAL % OF DESIRABLE VEGETATION COVER _____
 VEGETATIVE COVER _____

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 |
|------------------|-----------------|-------------------------|-----------------------|--|--------------------------|-----------------------|
| Gravel | Pass | Gravel | Pass | | | |
| Berms | Pass | | | | | berms around wellhead |
| Compaction | Pass | Compaction | Pass | Material Handling And Spill Prevention | Pass | |

Comment: Norther pit berms eroding into crop field.

Corrective Action:

Date: _____

Pits: NO SURFACE INDICATION OF PIT

Type: Produced Water Lined: NO Pit ID: _____ Lat: 39.856710 Long: -103.329130

Reference Point: SE Other: _____ Length: 150 Width: 150

Lining:

Liner Type: _____ Liner Condition: _____

Comment:

Corrective Action

Date: c

Fencing:

Fencing Type: None Fencing Condition: _____

Comment:

Corrective Action

Date: _____

Netting:

Netting Type: _____ Netting Condition: _____

Comment:

Corrective Action

Date: _____

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

Comment:

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 |
|--------------|----------------|---|
| 673714379 | Diamond Idea 1 | http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4000098 |