

**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:

10/17/2012

Document Number:

663300689

Overall Inspection:

**Unsatisfactory****FIELD INSPECTION FORM**

Location Identifier	Facility ID	Loc ID	Tracking Type	Inspector Name:
	<u>233649</u>	<u>316973</u>		<u>SCHURE, KYM</u>

**Operator Information:**

OGCC Operator Number: 93390 Name of Operator: VISUAL OPTICS INC

Address: 118 SOUTH 2ND STREET

City: STERLING State: CO Zip: 80751

**Contact Information:**

Contact Name	Phone	Email	Comment
Fritzler, R.	970-522-1832	visopoil@vistabeam.com	

**Compliance Summary:**

QtrQtr: <u>NWSE</u>	Sec: <u>3</u>	Twp: <u>3S</u>	Range: <u>52W</u>				
Insp. Date	Doc Num	Insp. Type	Insp Status	Satisfactory /Unsatisfactory	PA P/F/I	Pas/Fail (P/F)	Violation (Y/N)
11/24/2007	200122905	PR	PR	S			N
09/28/1999	200003752	ES	PR	S		P	N
09/08/1999	873048	CO	SI	U		F	N
08/31/1999	873046	ES	SI	U		F	Y
10/02/1998	500158461	ES	PR			P	N
09/21/1998	500158466	PR	PR			F	Y
11/17/1995	500158465	PR	PR			F	Y
11/13/1995	500158460	PR	PR			F	Y
11/08/1995	500158459	PR	PR			F	Y
09/19/1995	500158458	PR	PR			F	Y
04/22/1994	500158457		TA				Y

**Inspector Comment:**

(2) unlined skim pits - (2) P/W pits = (4) total pits Spoke to operator's representative and pumper about non-compliance issues, Inspector Schure elects to postpone violation action in lieu of compliance by Jan. 1, 2013. Operator has already initiated the removal/remediation of the skim pits to skim/settling tanks which are on order from manufacturers.

**Related Facilities:**

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	
233649	WELL	PR	03/01/2012	OW	121-05709	MARICK STATE 1	<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 Motors: _____	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****Signs/Marker:**

Type	Satisfactory/Unsatisfactory	Comment	Corrective Action	CA Date
WELLHEAD	Unsatisfactory	No sign at wellhead.	Install sign to comply with rule 210.b.	12/10/2012
BATTERY	Unsatisfactory	Sign at battery is required to list all associated wells.	Install sign to comply with rule 210.b.	12/10/2012

Emergency Contact Number: (S/U/V) Unsatisfactory

Corrective Date: 12/10/2012

Comment: Emergency contact no. is required to be answered by a live attendant 24-7-365

Corrective Action: Provide valid emergency contact no.

**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			

**Equipment:**

Type	#	Satisfactory/Unsatisfactory	Comment	Corrective Action	CA Date
Pump Jack	1	Satisfactory	Gear box is beginning to leak on pump jack.		
Vertical Heated Separator	1	Satisfactory	Adequate berm		
Ancillary equipment	1	Unsatisfactory	No containment under chemical additive tanks at wellhead/pump jack.	Install containment under all tanks, vessels and containers.	12/14/2012
Ancillary equipment	2	Satisfactory	propane tanks		

Inspector Name: SCHURE, KYM

<b>Facilities:</b>		<input type="checkbox"/> New Tank	Tank ID: _____	
Contents	#	Capacity	Type	SE GPS
PRODUCED WATER	1	300 BBLS	STEEL AST	,
S/U/V:			Comment:	No problems observed on tanks
Corrective Action:			Corrective Date:	

Paint

Condition	
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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					

<b>Facilities:</b>		<input type="checkbox"/> New Tank	Tank ID: _____	
Contents	#	Capacity	Type	SE GPS
CRUDE OIL	2	300 BBLS	STEEL AST	,
S/U/V:			Comment:	
Corrective Action:			Corrective Date:	

Paint

Condition	
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Other (Content) \_\_\_\_\_

Other (Capacity) \_\_\_\_\_

Other (Type) \_\_\_\_\_

Berms

Type	Capacity	Permeability (Wall)	Permeability (Base)	Maintenance

Corrective Action				Corrective Date	
Comment					

<b>Venting:</b>		
Yes/No	Comment	
YES		

<b>Flaring:</b>				
Type	Satisfactory/Unsatisfactory	Comment	Corrective Action	CA Date

**Predrill**

Location ID: 316973

**Site Preparation:**

Lease Road Adeq.: \_\_\_\_\_

Pads: \_\_\_\_\_

Soil Stockpile: \_\_\_\_\_

Corrective Action: \_\_\_\_\_

Date: \_\_\_\_\_ CDP Num.: \_\_\_\_\_

**Form 2A COAs:****Comment:** \_\_\_\_\_**CA:** \_\_\_\_\_ **Date:** \_\_\_\_\_**Wildlife BMPs:****Comment:** \_\_\_\_\_**CA:** \_\_\_\_\_ **Date:** \_\_\_\_\_**Stormwater:**

Erosion BMPs	Present	Other BMPs	Present

Corrective Action: \_\_\_\_\_ Date: \_\_\_\_\_

Comments: Erosion BMPs: \_\_\_\_\_

Other BMPs: \_\_\_\_\_

**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: 233649 Type: WELL API Number: 121-05709 Status: PR Insp. Status: PR

**Producing Well**

Comment: Pump jack, P/W- vertical heated separator - (2) skim pits - (2) P/W pits ( permitting record does not indicate multiple pits), heated separation. Shared battery with 05-121-10217

**Environmental**

Inspector Name: SCHURE, KYM

**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:**

Lat \_\_\_\_\_ Long \_\_\_\_\_  
DWR Receipt Num: \_\_\_\_\_ Owner Name: \_\_\_\_\_ GPS : \_\_\_\_\_

**Field Parameters:**

Sample Location: \_\_\_\_\_

**Complaint:**

Tracking Num	Category	Assigned To	Description	Incident Date
786471	OPERATOR	AVIS, LOREN	<p>11/21/95 Letter from Avis to Griebing recommending that Tandem Oil receives OFV and to place the matter on the next available commission docket.</p> <p>Summary: 9/19/95 confirmend oil on a production pit, completely covered. Also unremediated spill around the tank battery.</p> <p>11/11/95 COGCC staff visited a 2nd time, no improvement, dead birds. Tandem did not responde to the NOAV and remanis in non-compliance. In violation of 902e, 902f, 907a</p> <p>PLEASE SEE FILE FOR MORE INFORMATION!</p>	

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: \_\_\_\_\_

1003a. Debris removed? Pass CM \_\_\_\_\_  
CA \_\_\_\_\_ CA Date \_\_\_\_\_  
Waste Material Onsite? Pass CM \_\_\_\_\_  
CA \_\_\_\_\_ CA Date \_\_\_\_\_  
Unused or unneeded equipment onsite? In CM \_\_\_\_\_  
CA \_\_\_\_\_ CA Date \_\_\_\_\_  
Pit, cellars, rat holes and other bores closed? Pass CM \_\_\_\_\_  
CA \_\_\_\_\_ CA Date \_\_\_\_\_  
Guy line anchors removed? \_\_\_\_\_ CM \_\_\_\_\_  
CA \_\_\_\_\_ CA Date \_\_\_\_\_

Inspector Name: SCHURE, KYM

Guy line anchors marked? \_\_\_\_\_ 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? \_\_\_\_\_

Production areas have been stabilized? \_\_\_\_\_ Segregated soils have been replaced? \_\_\_\_\_

#### RESTORATION AND REVEGETATION

##### Cropland

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

##### Non-Cropland

Top soil replaced \_\_\_\_\_ Recontoured \_\_\_\_\_ 80% Revegetation \_\_\_\_\_

1003 f. Weeds Noxious weeds? \_\_\_\_\_

Comment: Footprint reduced to production area. Satisfactory

Overall Interim Reclamation Pass

#### **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 \_\_\_\_\_ 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					

S/U/V: Satisfactory Corrective Date: \_\_\_\_\_

Comment: Current BMP's beyond gravel surface have not been established. Adequate maintenance of grading on-site is controlling runoff.

CA: \_\_\_\_\_

**Pits:**

Pit Type:	Produced Water	Lined:	NO	Pit ID:		Lat:		Long:	
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**Lining:**

Liner Type: \_\_\_\_\_ Liner Condition: \_\_\_\_\_  
Comment: \_\_\_\_\_

**Fencing:**

Fencing Type: \_\_\_\_\_ Fencing Condition: \_\_\_\_\_  
Comment: \_\_\_\_\_

**Netting:**

Netting Type: \_\_\_\_\_ Netting Condition: \_\_\_\_\_  
Comment: \_\_\_\_\_

Anchor Trench Present: \_\_\_\_\_ Oil Accumulation: \_\_\_\_\_ 2+ feet Freeboard: \_\_\_\_\_  
Pit (S/U/V): \_\_\_\_\_ Comment: \_\_\_\_\_  
Corrective Action: \_\_\_\_\_ Date: \_\_\_\_\_

**Pits:**

Pit Type:	Skimming/Settling	Lined:	NO	Pit ID:		Lat:		Long:	
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**Lining:**

Liner Type: \_\_\_\_\_ Liner Condition: \_\_\_\_\_  
Comment: \_\_\_\_\_

**Fencing:**

Fencing Type: \_\_\_\_\_ Fencing Condition: \_\_\_\_\_  
Comment: \_\_\_\_\_

**Netting:**

Netting Type: \_\_\_\_\_ Netting Condition: \_\_\_\_\_  
Comment: \_\_\_\_\_

Anchor Trench Present: \_\_\_\_\_ Oil Accumulation: \_\_\_\_\_ 2+ feet Freeboard: \_\_\_\_\_  
Pit (S/U/V): \_\_\_\_\_ Comment: \_\_\_\_\_  
Corrective Action: \_\_\_\_\_ Date: \_\_\_\_\_

**Pits:**

Pit Type: Produced Water Lined: NO Pit ID: \_\_\_\_\_ Lat: \_\_\_\_\_ Long: \_\_\_\_\_

**Lining:**

Liner Type: \_\_\_\_\_ Liner Condition: Inadequate

Comment: Site has (2) skim pits & (2) P/W pits. (2) skim pits are un-lined, regulations require all skim pits to be lined and covered.

**Fencing:**

Fencing Type: \_\_\_\_\_ Fencing Condition: \_\_\_\_\_

Comment: \_\_\_\_\_

**Netting:**

Netting Type: Mesh Netting Condition: Gaps

Comment: Gaps in wire mesh at footing of cage and canopy are large enough for ingress of animals

Anchor Trench Present: \_\_\_\_\_ Oil Accumulation: YES 2+ feet Freeboard: \_\_\_\_\_

Pit (S/U/V): Unsatisfactory Comment: (1) skim pit has inadequate freeboard, volume at crest of berm. Same skim pit has accumulated oil on surface requiring removal. Berm between P/W pits has animal burroughs in separation berm.

Corrective Action: Correct freeboard on North skim pit, remove accululated oil on surface of North skim pit, maintenance on berms required, repair netting over skim pits, submit application for additional pits on site (COGCC) records do not indicate multiple pit permits. Line (2) skim pits in place or remove-remediate-construct (set tank) for use as skim/settling process.

Date: 12/10/2012

**Pits:**

Pit Type: Skimming/Settling Lined: NO Pit ID: \_\_\_\_\_ Lat: \_\_\_\_\_ Long: \_\_\_\_\_

**Lining:**

Liner Type: Other Liner Condition: Inadequate

Comment: All skim pits are required to be lined.

**Fencing:**

Fencing Type: \_\_\_\_\_ Fencing Condition: \_\_\_\_\_

Comment: \_\_\_\_\_

**Netting:**

Netting Type: \_\_\_\_\_ Netting Condition: \_\_\_\_\_

Comment: \_\_\_\_\_

Anchor Trench Present: \_\_\_\_\_ Oil Accumulation: \_\_\_\_\_ 2+ feet Freeboard: \_\_\_\_\_

Pit (S/U/V): \_\_\_\_\_ Comment: \_\_\_\_\_

Corrective Action: \_\_\_\_\_ Date: \_\_\_\_\_

Monitoring:	Monitoring Type	Comment
	Pit Level	