

**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:
01/31/2017
Submitted Date:
01/31/2017
Document Number:
684903030

FIELD INSPECTION FORM

Loc ID 435656 Inspector Name: Pesicka, Conor 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: 96155
Name of Operator: WHITING OIL & GAS CORPORATION
Address: 1700 BROADWAY STE 2300
City: DENVER State: CO Zip: 80290

Findings:

- 48 Number of Comments
- 2 Number of Corrective Actions
- Corrective Action Response Requested

Contact Information:

Contact Name	Phone	Email	Comment
		WhitingEasternCO@Whiting.com	Eastern Inspections

Inspected Facilities:

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	Insp Status
435654	WELL	PR	10/01/2016	LO	123-38709	Razor Federal 12F-1301A	SI
435655	WELL	PR	05/01/2016	LO	123-38710	Razor Federal 12F-1306B	SI
435657	WELL	PR	07/01/2016	LO	123-38711	Razor 12F-0103A	SI
435658	WELL	PR	05/01/2016	LO	123-38712	Razor Federal 12F-1308B	SI
435659	WELL	PR	07/01/2016	LO	123-38713	Razor 12F-0101A	SI
435660	WELL	PR	07/01/2016	LO	123-38714	Razor 12F-0107A	SI
435661	WELL	PR	07/01/2016	LO	123-38715	Razor 12F-0106B	SI
435662	WELL	PR	05/01/2016	LO	123-38716	Razor Federal 12F-1304B	SI
435663	WELL	PR	05/01/2016	LO	123-38717	Razor 12F-0108B	SI
435664	WELL	PR	05/01/2016	LO	123-38718	Razor Federal 12F-1302B	SI
435665	WELL	PR	05/01/2016	LO	123-38719	Razor Federal 12F-1305A	SI
435666	WELL	PR	05/01/2016	LO	123-38720	Razor 12F-0105A	SI
435667	WELL	PR	07/01/2016	LO	123-38721	Razor Federal 12F-1303A	SI
435668	WELL	PR	05/01/2016	LO	123-38722	Razor 12F-0102B	SI
435669	WELL	PR	05/01/2016	LO	123-38723	Razor 12F-0104B	SI
435670	WELL	PR	05/01/2016	LO	123-38724	Razor Federal 12F-1307A	SI

General Comment:

Inspection in followup to recent fire. Producer reported to their understanding that distillate fluid had collected at the bottom of a flare. When upset conditions occurred, flare was activated and distillate was expelled ~100 feet to nearby grass where it ignited. Operator has installed drain valves on flares and will regularly check and drain flares to prevent future accumulation during upset conditions.

Location

Overall Good:

Signs/Marker:			
Type	BATTERY		
Comment:			
Corrective Action:		Date:	
Type	TANK LABELS/PLACARDS		
Comment:			
Corrective Action:		Date:	
Type	CONTAINERS		
Comment:	Methanol, H2S Scavenger, Demulsifier, Engine Oil, Coolant		
Corrective Action:		Date:	
Type	WELLHEAD		
Comment:			
Corrective Action:		Date:	

Emergency Contact Number:

Comment:

Corrective Action: Date: _____

Good Housekeeping:			
Type	WEEDS		
Comment:	Weeds along ditches and berms		
Corrective Action:	Comply with Rule 603.f using the Rule 603.f guidance document for further details.	Date:	02/13/2017

Overall Good:

Spills:			
Type	Area	Volume	

In Containment: No

Comment:

Multiple Spills and Releases?

Fencing/:			
Type	LOCATION		
Comment:	barbed wire		
Corrective Action:		Date:	

Equipment:			corrective date
Type: Ancillary equipment	# 5		
Comment:	Containers - 2 engine oil, 2 coolant, 1 methanol		
Corrective Action:		Date:	
Type: Vertical Heater Treater	# 4		
Comment:			
Corrective Action:		Date:	

Type: Plunger Lift	# 16		
Comment:			
Corrective Action:			Date:
Type: Bird Protectors	# 1		
Comment: flare			
Corrective Action:			Date:
Type: VRT	# 2		
Comment:			
Corrective Action:			Date:
Type: Vertical Separator	# 7		
Comment: 2 catch pots for compressors, 1 catch pot for flare			
Corrective Action:			Date:
Type: Compressor	# 2		
Comment: sales & gas lift			
Corrective Action:			Date:
Type: Horizontal Separator	# 3		
Comment:			
Corrective Action:			Date:
Type: Gas Meter Run	# 18		
Comment: 16 lift, 2 sales			
Corrective Action:			Date:
Type: Ancillary equipment	# 2		
Comment: pumps - 2 methanol			
Corrective Action:			Date:
Type: Ancillary equipment	# 4		
Comment: electrical housings			
Corrective Action:			Date:
Type: LACT	# 2		
Comment:			
Corrective Action:			Date:
Type: Ancillary equipment	# 20		
Comment: pumps - 15 Demulsifier, 3 H2S Scavenger, 2 Methanol			
Corrective Action:			Date:
Type: VRU	# 2		
Comment:			
Corrective Action:			Date:

Tanks and Berms:

Contents	#	Capacity	Type	Tank ID	SE GPS
PRODUCED WATER	8	400 BBLS	FIBERGLASS AST		40.854450,-104.816950
Comment:					

Corrective Action:	Date:
--------------------	-------

Paint

Condition	Adequate		
Other (Content)			
Other (Capacity)			
Other (Type)			

Berms

Type	Capacity	Permeability (Wall)	Permeability (Base)	Maintenance	
Comment: Shared with crude oil					
Corrective Action:					Date:

Contents	#	Capacity	Type	Tank ID	SE GPS
CRUDE OIL	16	400 BBLs	STEEL AST		40.854450,-104.816950
Comment:					
Corrective Action:					Date:

Paint

Condition	Adequate		
Other (Content)			
Other (Capacity)			
Other (Type)			

Berms

Type	Capacity	Permeability (Wall)	Permeability (Base)	Maintenance	
Metal	Adequate	Walls Sufficient	Base Sufficient	Adequate	
Comment:					
Corrective Action:					Date:

Venting:

Yes/No	NO		
Comment:			
Corrective Action:			Date:

Flaring:

Type	Field Flare	
Comment: Only in use of upset conditions		
Corrective Action:		Date:

Inspected Facilities					
Facility ID:	435654	Type:	WELL	API Number:	123-38709
Status:	PR	Insp. Status:	SI		
Idle Well					
Purpose: <input checked="" type="checkbox"/> Shut In <input type="checkbox"/> Temporarily Abandoned Reminder: EQUIPMENT ONSITE					
Comment: <input style="width: 80%;" type="text" value="SI for nearby frac"/>					
Corrective Action: <input style="width: 95%;" type="text"/>					Date: <input style="width: 10%;" type="text"/>
BradenHead					
Comment: <input style="width: 80%;" type="text" value="Bradenhead plumbed to surface"/>					
Corrective Action: <input style="width: 95%;" type="text"/>					Date: <input style="width: 10%;" type="text"/>
Facility ID:	435655	Type:	WELL	API Number:	123-38710
Status:	PR	Insp. Status:	SI		
Idle Well					
Purpose: <input checked="" type="checkbox"/> Shut In <input type="checkbox"/> Temporarily Abandoned Reminder: EQUIPMENT ONSITE					
Comment: <input style="width: 80%;" type="text" value="SI for nearby frac"/>					
Corrective Action: <input style="width: 95%;" type="text"/>					Date: <input style="width: 10%;" type="text"/>
BradenHead					
Comment: <input style="width: 80%;" type="text" value="Bradenhead plumbed to surface"/>					
Corrective Action: <input style="width: 95%;" type="text"/>					Date: <input style="width: 10%;" type="text"/>
Facility ID:	435657	Type:	WELL	API Number:	123-38711
Status:	PR	Insp. Status:	SI		
Idle Well					
Purpose: <input checked="" type="checkbox"/> Shut In <input type="checkbox"/> Temporarily Abandoned Reminder: EQUIPMENT ONSITE					
Comment: <input style="width: 80%;" type="text" value="SI for nearby frac"/>					
Corrective Action: <input style="width: 95%;" type="text"/>					Date: <input style="width: 10%;" type="text"/>
BradenHead					
Comment: <input style="width: 80%;" type="text" value="Bradenhead plumbed to surface"/>					
Corrective Action: <input style="width: 95%;" type="text"/>					Date: <input style="width: 10%;" type="text"/>
Facility ID:	435658	Type:	WELL	API Number:	123-38712
Status:	PR	Insp. Status:	SI		
Idle Well					
Purpose: <input checked="" type="checkbox"/> Shut In <input type="checkbox"/> Temporarily Abandoned Reminder: EQUIPMENT ONSITE					
Comment: <input style="width: 80%;" type="text" value="SI for nearby frac"/>					
Corrective Action: <input style="width: 95%;" type="text"/>					Date: <input style="width: 10%;" type="text"/>
BradenHead					
Comment: <input style="width: 80%;" type="text" value="Bradenhead plumbed to surface"/>					
Corrective Action: <input style="width: 95%;" type="text"/>					Date: <input style="width: 10%;" type="text"/>
Facility ID:	435659	Type:	WELL	API Number:	123-38713
Status:	PR	Insp. Status:	SI		
Idle Well					
Purpose: <input checked="" type="checkbox"/> Shut In <input type="checkbox"/> Temporarily Abandoned Reminder: EQUIPMENT ONSITE					
Comment: <input style="width: 80%;" type="text" value="SI for nearby frac"/>					
Corrective Action: <input style="width: 95%;" type="text"/>					Date: <input style="width: 10%;" type="text"/>
BradenHead					
Comment: <input style="width: 80%;" type="text" value="Bradenhead plumbed to surface"/>					
Corrective Action: <input style="width: 95%;" type="text"/>					Date: <input style="width: 10%;" type="text"/>

Idle Well

Purpose: Shut In Temporarily Abandoned Reminder: EQUIPMENT ONSITE

Comment:

Corrective Action: Date:

BradenHead

Comment:

Corrective Action: Date:

Facility ID: 435660 Type: WELL API Number: 123-38714 Status: PR Insp. Status: SI

Idle Well

Purpose: Shut In Temporarily Abandoned Reminder: EQUIPMENT ONSITE

Comment:

Corrective Action: Date:

BradenHead

Comment:

Corrective Action: Date:

Facility ID: 435661 Type: WELL API Number: 123-38715 Status: PR Insp. Status: SI

Idle Well

Purpose: Shut In Temporarily Abandoned Reminder: EQUIPMENT ONSITE

Comment:

Corrective Action: Date:

BradenHead

Comment:

Corrective Action: Date:

Facility ID: 435662 Type: WELL API Number: 123-38716 Status: PR Insp. Status: SI

Idle Well

Purpose: Shut In Temporarily Abandoned Reminder: EQUIPMENT ONSITE

Comment:

Corrective Action: Date:

BradenHead

Comment:

Corrective Action: Date:

Facility ID: 435663 Type: WELL API Number: 123-38717 Status: PR Insp. Status: SI

Idle Well

Purpose: Shut In Temporarily Abandoned Reminder: EQUIPMENT ONSITE

Comment:

Corrective Action: Date:

BradenHead

Comment:

Corrective Action: Date:

Facility ID: 435664 Type: WELL API Number: 123-38718 Status: PR Insp. Status: SI

Idle Well

Purpose: Shut In Temporarily Abandoned Reminder: EQUIPMENT ONSITE

Comment:

Corrective Action: Date:

BradenHead

Comment:

Corrective Action: Date:

Facility ID: 435665 Type: WELL API Number: 123-38719 Status: PR Insp. Status: SI

Idle Well

Purpose: Shut In Temporarily Abandoned Reminder: EQUIPMENT ONSITE

Comment:

Corrective Action: Date:

BradenHead

Comment:

Corrective Action: Date:

Facility ID: 435666 Type: WELL API Number: 123-38720 Status: PR Insp. Status: SI

Idle Well

Purpose: Shut In Temporarily Abandoned Reminder: EQUIPMENT ONSITE

Comment:

Corrective Action: Date:

BradenHead

Comment:

Corrective Action: Date:

Facility ID: 435667 Type: WELL API Number: 123-38721 Status: PR Insp. Status: SI

Idle Well

Purpose: Shut In Temporarily Abandoned Reminder: EQUIPMENT ONSITE

Comment:

Corrective Action: Date:

BradenHead

Comment:

Corrective Action: Date:

Facility ID: 435668 Type: WELL API Number: 123-38722 Status: PR Insp. Status: SI

Idle Well

Purpose: Shut In Temporarily Abandoned Reminder: EQUIPMENT ONSITE

Comment:

Corrective Action: Date:

BradenHead

Comment:

Corrective Action: Date:

Facility ID: 435669 Type: WELL API Number: 123-38723 Status: PR Insp. Status: SI

Idle Well

Purpose: Shut In Temporarily Abandoned Reminder: EQUIPMENT ONSITE

Comment:

Corrective Action: Date:

BradenHead

Comment:

Corrective Action: Date:

Facility ID: 435670 Type: WELL API Number: 123-38724 Status: PR Insp. Status: SI

Idle Well

Purpose: Shut In Temporarily Abandoned Reminder: EQUIPMENT ONSITE

Comment:

Corrective Action: Date:

BradenHead

Comment:

Corrective Action: Date:

Environmental

Spill/Remediation:

Comment:

Corrective Action: Date:

Emission Control Burner (ECB): NO

Comment:

Pilot: ON Wildlife Protection Devices (fired vessels): YES

Reclamation - Storm Water - Pit

Interim Reclamation:

Date Interim Reclamation Started: _____ Date Interim Reclamation Completed: _____

Land Use: RANGELAND

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? _____

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: RANGELAND _____

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
Waddles	Pass					
Berms	Pass					
Mulching	Pass					
Seeding	Pass					
Ditches	Pass					
Gravel	Pass	Gravel	Pass			

Comment: [Some stormwater erosion on SE corner of pad](#)

Corrective Action: [Install or repair required BMPs per Rule 1002.f. Refer to the 1002.f guidance document for further details.](#)

Date: 02/03/2017

Pits: NO SURFACE INDICATION OF PIT

Attached Documents

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

Document Num	Description	URL
401198800	INSPECTION SUBMITTED	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4064574
684903031	Ignition source, looking east	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4064563
684903032	Weeds along ditch	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4064564
684903033	Erosion on SE pad	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4064565
684903034	Fire extent, looking S	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4064566
684903035	Fire extent, looking SE	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4064567
684903036	Fire extent at middle, looking E	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4064568
684903037	Fire extent at middle, looking S	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4064569
684903038	Fire extent at middle, looking W	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4064570
684903039	Fire extent at terminus, looking NW	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4064571
684903040	Fire extent at terminus, looking W	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4064572
684903041	Fire extent at terminus, looking SW	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4064573