



**Location**

Overall Good:

<b>Signs/Marker:</b>			
Type	CONTAINERS		
Comment:			
Corrective Action:		Date:	
Type	TANK LABELS/PLACARDS		
Comment:			
Corrective Action:		Date:	
Type	BATTERY		
Comment:			
Corrective Action:		Date:	
Type	WELLHEAD		
Comment:			
Corrective Action:		Date:	

Emergency Contact Number:  
 Comment:   
 Corrective Action:   
 Date: \_\_\_\_\_

Overall Good:

<b>Spills:</b>			
Type	Area	Volume	
Produced Water	Tank	>= 5 bbls	
Comment:	Inspector arrived at tank battery to find 400 BBL produced water tank overflowing. Pumper was contacted immediately. A pumper arrived to SI wells and stop water flowing from tank. Immediately stop spill (completed), cleanup free fluids within 24 hours (vac truck was removing produced water on 8/18/2017), and 30-days to remove stained soil. Remove oil stained soils from area south of 400 bbl produced water tank and oil stained soil ring on west side of west pit (see attached photos). Clean oil off the outside of the tank that spilled over.		
Corrective Action:	Control and contain spills/releases and clean up per Rule 906.a. Contact COGCC EPS staff.		Date: <u>09/20/2017</u>

In Containment: Yes

Comment:

Multiple Spills and Releases?

<b>Fencing/:</b>			
Type	PUMP JACK		
Comment:	wire mesh		
Corrective Action:		Date:	

<b>Equipment:</b>			corrective date
Type: Bird Protectors	# 1		
Comment:			
Corrective Action:		Date:	

Type: Pump Jack	# 1		
Comment:			
Corrective Action:			Date:
Type: Vertical Heater Treater	# 1		
Comment:	propane		
Corrective Action:			Date:
Type: Prime Mover	# 1		
Comment:	electric motor, REA poles		
Corrective Action:			Date:
Type: Deadman # & Marked	# 4		
Comment:			
Corrective Action:			Date:

**Tanks and Berms:**

Contents	#	Capacity	Type	Tank ID	SE GPS
PRODUCED WATER	1	400 BBLs	STEEL AST		
Comment:	This tank overflowed.				
Corrective Action:					Date:

**Paint**

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

**Berms**

Type	Capacity	Permeability (Wall)	Permeability (Base)	Maintenance
Comment:	Same berms as fiberglass produced water tank.			
Corrective Action:				Date:

Contents	#	Capacity	Type	Tank ID	SE GPS
PRODUCED WATER	1	300 BBLs	FIBERGLASS AST		39.751270,-103.273280
Comment:					
Corrective Action:					Date:

**Paint**

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

**Berms**

Type	Capacity	Permeability (Wall)	Permeability (Base)	Maintenance
Earth	Inadequate	Walls Insufficient	Base Sufficient	Inadequate

Comment:		Berms around produced water tanks was not sufficient to hold the largest tank volume. North berm was breached and ran into crude oil tank containment.				Date:		09/20/2017			
Corrective Action:		Repair or install berms or other secondary containment devices per Rule 906.d.(1).				Date:					
Contents	#	Capacity	Type	Tank ID	SE GPS						
CRUDE OIL	2	500 BBLS	STEEL AST		39.751430,-103.273430						
Comment:		bolted tanks									
Corrective Action:								Date:			
<b>Paint</b>											
Condition											
Other (Content)											
Other (Capacity)											
Other (Type)											
<b>Berms</b>											
Type	Capacity	Permeability (Wall)	Permeability (Base)	Maintenance							
Earth	Adequate	Walls Sufficient	Base Sufficient	Adequate							
Comment:		Some produced water did seep into the ground inside the crude oil tank battery berm area. Stained soil will be removed.									
Corrective Action:								Date:			
<b>Venting:</b>											
Yes/No											
Comment:											
Corrective Action:							Date:				
<b>Flaring:</b>											
Type											
Comment:											
Corrective Action:							Date:				

**Location Construction**

Location ID: 233291 CDP: \_\_\_\_\_

Comment:

Corrective Action:

Date: \_\_\_\_\_

**Form 2A COAs:**

**Comment:** No COAs.

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:

**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? \_\_\_\_\_

Comment

Corrective Action

Date \_\_\_\_\_

Unused or unneeded equipment onsite? \_\_\_\_\_

Comment

Corrective Action

Date \_\_\_\_\_

Pit, cellars, rat holes and other bores closed? \_\_\_\_\_

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: \_\_\_\_\_

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			
Compaction	Pass	Compaction	Pass	Material Handling And Spill Prevention	Pass	

Comment:

Corrective Action:

Date: \_\_\_\_\_

**Pits:**  NO SURFACE INDICATION OF PIT

Type: Produced Water      Lined: NO      Pit ID:      Lat: 39.751250      Long: -103.272930

Reference Point: SE      Other: \_\_\_\_\_      Length: \_\_\_\_\_      Width: \_\_\_\_\_

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: YES      2+ feet Freeboard: YES

Comment: [See Spill section for corrective action.](#)

Corrective Action

Date: \_\_\_\_\_

Type: Produced Water      Lined: NO      Pit ID:      Lat: 39.272390      Long: -103.272450

Reference Point: SE      Other: \_\_\_\_\_      Length: \_\_\_\_\_      Width: \_\_\_\_\_

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:		Date:
Corrective Action		
Anchor Trench Present:	Oil Accumulation: <u>NO</u>	2+ feet Freeboard: <u>YES</u>
Comment:	East side of east pit is eroding where it was previously repaired, GPS 39.75129, -103.27239 (see attached photo). Badger holes on south side of east pit where berms previously failed (see attached photos).	
Corrective Action	Repair or install berms or other secondary containment devices per Rule 906.d.(1).	
		Date: <u>09/20/2017</u>

**Attached Documents**

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

Document Num	Description	URL
688300035	Investment Equipment Colorado State 1 Spill	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4232304">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4232304</a>