

**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:

08/01/2019

Submitted Date:

08/04/2019

Document Number:

696101205**FIELD INSPECTION FORM**Loc ID 438078 Inspector Name: Evins, Bret On-Site Inspection ☐ 2A Doc Num: _____**Operator Information:**OGCC Operator Number: 10608Name of Operator: BNN WESTERN LLCAddress: 370 VAN GORDON STREETCity: LAKEWOOD State: CO Zip: 80228**Status Summary:**☐ THIS IS A FOLLOW UP INSPECTION☒ FOLLOW UP INSPECTION REQUIRED☐ NO FOLLOW UP INSPECTION REQUIRED**Findings:**14 Number of Comments2 Number of Corrective Actions☒ Corrective Action Response Requested**ANY CORRECTIVE ACTION(S) FROM
PREVIOUS INSPECTIONS THAT HAVE NOT
BEEN ADDRESSED ARE STILL APPLICABLE****Contact Information:**

Contact Name	Phone	Email	Comment
Koehler, Bob		bob.koehler@state.co.us	
Allison, Rick		rick.allison@state.co.us	
Pesicka, Conor		conor.pesicka@state.co.us	
Gopsill, Eric		eric.gopsill@bnn-energy.com	

Inspected Facilities:

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	Insp Status
159979	UIC DISPOSAL	AC	12/03/2015		-	HORSETAIL 19N-1924M-R SWD	AC
440007	WELL	IJ	03/16/2016	DSPW	123-40630	Horsetail 19N-1924M-R	AC

General Comment:

This is a UIC WELL & DISPOSAL FACILITY / BATTERY Inspection.
 Annual UIC inspection.
 Wells: 1 UIC well: Active Injection | IJ.
 Facility / Battery: Active Operation.
 (Temporary Shut-In | SI for injection pump filter maintenance at time of insp.)

Location

Lease Road:			
Type	Access		
comment:	Adequate		
Corrective Action	L	Date:	

Overall Good: ☐

Signs/Marker:			
Type	WELLHEAD		
Comment:			
Corrective Action:		Date:	
Type	BATTERY		
Comment:			
Corrective Action:		Date:	
Type	CONTAINERS		
Comment:	FeS remover		
Corrective Action:		Date:	
Type	TANK LABELS/PLACARDS		
Comment:			
Corrective Action:		Date:	

Emergency Contact Number:

Comment:

Corrective Action: Date:

Good Housekeeping:

Type	WEEDS		
Comment:	Weed encroachment at wellsite. Refer to Rule 603.f. See photo #1.		
Corrective Action:	Remove, manage, & control weeds around wellsite. Comply with Rule 603.f .	Date:	08/15/2019
Type	OTHER		
Comment:	Stained soil around crude oil tanks loadouts, drainlines. Oily Waste. Refer to Rule 907.e. See photos #5, 6.		
Corrective Action:	Remove and/or remediate stained soil around crude oil tanks loadouts, drainlines. Comply w/ Rule 907.e.	Date:	09/04/2019

Overall Good: ☐

Spills:				
Type	Area	Volume		

In Containment: No

Comment: ☐ Multiple Spills and Releases?

Equipment:				corrective date
Type: Ancillary equipment	# 1			
Comment:	Chemical pump, container w/drip containment (Placarded). FeS remover.			
Corrective Action:				Date:
Type: Bradenhead	# 1			
Comment:	Appears plumbed to surface.			
Corrective Action:				Date:
Type: Prime Mover	# 3			
Comment:	Injection pumps w/ electric motors.			
Corrective Action:				Date:
Type: Other	# 1			
Comment:	Wellhead: w/ Master, casing valves, & injection line.			
Corrective Action:				Date:

Tanks and Berms:

Contents	#	Capacity	Type	Tank ID	SE GPS
PRODUCED WATER	2	1000 BBLS	FIBERGLASS AST		,
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:	Shared berms w/ crude oil & produced H2O tanks.			
Corrective Action:				Date:

Contents	#	Capacity	Type	Tank ID	SE GPS
CRUDE OIL	2	400 BBLS	STEEL AST		40.819180,-103.793610
Comment:	Equalizer line connects crude oil tanks				
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: Shared berms w/ produced H2O tanks.							
Corrective Action:						Date:	
Contents	#	Capacity	Type	Tank ID	SE GPS		
PRODUCED WATER	12	OTHER	FIBERGLASS AST		,		
Comment:							
Corrective Action:						Date:	

Paint

Condition	Adequate						
Other (Content)							
Other (Capacity) 750 Bbls.							
Other (Type)							

Berms

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

Venting:

Yes/No	NO						
Comment:							
Corrective Action:						Date:	

Flaring:

Type							
Comment:							
Corrective Action:						Date:	

Inspected Facilities

Facility ID: 159979 Type: UIC API Number: - Status: AC Insp. Status: AC

Facility ID: 440007 Type: WELL API Number: 123-40630 Status: IJ Insp. Status: AC

Underground Injection Control

UIC Violation: _____ Maximum Injection Pressure: 1350

UIC Routine

Inj./Tube: Pressure or inches of Hg -13.58 Previous Test Pressure _____ MPP _____
 (e.g. 30 psig or -30" Hg) Inj Zone: ENRD

TC: Pressure or inches of Hg 199 Previous Test Pressure _____ Last MIT: 04/21/2015

Brhd: Pressure or inches of Hg _____ Previous Test Pressure _____ AnnMTReq: _____

Comment: Annual UIC inspection.
 Injection line to well open at time of inspection.
 Temporarily Shut-In | SI for injection pump filter maintenance at time of insp.
 Inj. Tbg. Press: (-13.58#) vacuum
 Csg. Press: 199#
 Bradenhead Press: Bull plugged. Could not observe pressure
 Last MIT: 04/21/2015.
 MAIP: 1350# H2O injection.

Corrective Action: _____ Date: _____

Method of Injection: PUMP FEED

Test Type: _____ Tbg psi: _____ Csg psi: _____ BH psi: _____

Insp. Status: _____

Comment: _____

Corrective Action: _____ Date: _____

Reclamation - Storm Water - Pit**Storm Water:**

Loc Erosion BMPs	BMP Maintenance	Lease Road Erosion BMPs	Lease BMP Maintenance	Chemical BMPs	Chemical BMP Maintenance	Comment
Ditches						
Gravel		Gravel				
Berms						

Comment: Corrective Action: Date: **Pits:** ☐ NO SURFACE INDICATION OF PIT**COGCC Comments**

Comment	User	Date
<p>This is a UIC WELL & DISPOSAL FACILITY / BATTERY Inspection. Annual UIC inspection. Wells: 1 UIC well: Active Injection IJ. Facility / Battery: Active Operation. (Temporary Shut-In SI for injection pump filter maintenance at time of insp.)</p> <p>COGCC Inspection Report Summary:</p> <p>On THU 08/01/2019 at approximately 11:40 hrs. I, Bret Evins, conducted an on-site inspection at: Operator Name: BNN WESTERN LLC Location Name: Horsetail /19N-1924M-R Location ID: 438078 Well Name: Horsetail 19N-1924M-R API: 05-123-40630 Facility Name: HORSETAIL /19N-1924M-R SWD Facility ID: 159979 Facility Type: UIC DISPOSAL Location / Facility County: Weld County, Colorado Weather: Dry</p> <p>2: Corrective Actions observed. 1.) Stained soil around crude oil tanks loadouts, drainlines. Oily Waste. Refer to Rule 907.e. Remove and/or remediate stained soil around crude oil tanks loadouts, drainlines. Comply w/ Rule 907.e. Corrective Action date: 09/04/2019. See photos #5, 6. 2.) Weed encroachment at wellsite. Refer to Rule 603.f. Remove, manage, & control weeds around wellsite. Comply with Rule 603.f . Corrective Action date: 08/15/2019. See photo #1.</p> <p>A follow up on this site inspection will be conducted to ensure the compliance issues have been corrected to comply with COGCC rules.</p> <p>This is a summary of the inspection report.</p>	evinsb	08/04/2019

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

Document Num	Description	URL
696101206	Site photos	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4899579