

**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:

11/14/2017

Submitted Date:

11/28/2017

Document Number:

685304000

FIELD INSPECTION FORM

Loc ID 326321 Inspector Name: St John, William (Cal) 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: 10663
Name of Operator: ENDURING RESOURCES LLC
Address: 511 16TH STREET #700
City: DENVER State: CO Zip: 80202

Findings:

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

Contact Information:

Contact Name	Phone	Email	Comment
Pohl, April	505-333-1941	april.pohl@chevron.com	SW Inspection Reports
Leonard, Mike		mike.leonard@state.co.us	

Inspected Facilities:

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	Insp Status
216225	WELL	IJ	01/01/2017	DSPW	067-07831	CLARK WDW (EPA) 4-1	IJ

General Comment:

[See link at end of report for path to downloadable pictures.](#)
[Field inspection of surface equipment and location only.](#)

Location			
Lease Road:			
Type	Access		
comment:	Dirt and gravel access road.		
Corrective Action:			Date:
Overall Good: <input type="checkbox"/>			
Signs/Marker:			
Type	TANK LABELS/PLACARDS		
Comment:	Labels directly on tanks. Tanks currently disconnected and not in use.		
Corrective Action:			Date:
Type	WELLHEAD		
Comment:	Framed metal sign located at entrance to location.		
Corrective Action:			Date:
Emergency Contact Number:			
Comment:	Operator contact information posted on wellhead sign.		
Corrective Action:			Date: _____
Good Housekeeping:			
Type	UNUSED EQUIPMENT		
Comment:	Identified (19) unused risers/flowlines. Flowline risers not LO/TO or marked are considered unused equipment.		
Corrective Action:	Comply with Rule 603.f. For unused, unmarked flowline risers 24 hrs to lock out tag out. 30 days to remove riser.		Date: <u>12/29/2017</u>
Overall Good: <input type="checkbox"/>			
Spills:			
Type	Area	Volume	
In Containment: No			
Comment:	_____		
<input type="checkbox"/> Multiple Spills and Releases?			
Fencing/:			
Type	OTHER		
Comment:	Riser - Steel post and pole barrier.		
Corrective Action:			Date:
Equipment:			
Type: Other	# 1		corrective date
Comment:	Steel building (wellhead).		
Corrective Action:			Date:
Type: Deadman # & Marked	# 4		
Comment:			
Corrective Action:			Date:
Type: Flow Line	# 4		

Comment:	Unused - (2) 3" steel risers. S side of tanks. Valves and plugs on risers. Unused - (2) 2" open ended steel risers. (B) point unknown. S side of tanks.		Date:
Corrective Action:			
Type: Ancillary equipment	# 1		
Comment:	Telemetry equipment.		
Corrective Action:			Date:
Type: Bird Protectors	# 2		
Comment:	Tanks.		
Corrective Action:			Date:
Type: Ancillary equipment	# 1		
Comment:	Wellhead.		
Corrective Action:			Date:
Type: Other	# 1		
Comment:	Propane tank (supply gas for heater).		
Corrective Action:			Date:
Type: Flow Line	# 15		
Comment:	Unused - 3" steel riser at wellhead. (B) point unknown. Valve with plug. Unused - 4" steel line dog leg with open ended line. (B) and (C) point unknown. NW of tanks. Unused - 3" open ended steel riser. (B) point unknown. NW of tanks. Unused - 3" open ended steel riser. (B) point unknown. NW of tanks. Unused - 4" open ended steel riser. (B) point unknown. NW of tanks. Unused - (6) 3" steel risers. (B) point unknown. Valves and plugs on end of lines. N side of tanks. Unused - 6" steel riser. (B) point unknown. Hammer union and plug. N side of tank. Unused - 6" open ended steel riser. (B) point unknown. N side of tank. Unused - (2) 6" open ended steel risers. (B) point unknown. N side of tank. Tank connections.		
Corrective Action:			Date:
Type: Flow Line	# 1		
Comment:	In Use - 4" steel line from injection facility to wellhead tubing.		
Corrective Action:			Date:

Tanks and Berms:

Contents	#	Capacity	Type	Tank ID	SE GPS
OTHER	2	OTHER	HEATED STEEL AST		
Comment:	Above ground 750 BBL steels. Tanks are currently disconnected and not in use. Portion on manway hatch is removed and tanks open to atmosphere.				
Corrective Action:					Date:

Paint

Condition	Adequate
Other (Content)	Empty
Other (Capacity)	750 BBL
Other (Type)	

Berms

Type	Capacity	Permeability (Wall)	Permeability (Base)	Maintenance
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Comment:	Berms have been knocked down. Tanks are not currently in use.			
Corrective Action:			Date:	

Venting:

Yes/No	NO		
Comment:			
Corrective Action:		Date:	

Flaring:

Type		
Comment:		
Corrective Action:		Date:

Inspected Facilities

Facility ID: 216225 Type: WELL API Number: 067-07831 Status: IJ Insp. Status: IJ

Underground Injection Control

UIC Violation: _____ Maximum Injection Pressure: _____

UIC Routine

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

TC: Pressure or inches of Hg _____ Previous Test Pressure _____ Last MIT: 12/11/2014

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

Comment: Location and surface equipment inspection only.

Corrective Action: _____ Date: _____

Method of Injection: _____

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

Insp. Status: _____

Comment: _____

Corrective Action: _____ Date: _____

Reclamation - Storm Water - Pit

Interim Reclamation:

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

Land Use: _____

Comment: Location on sage brush flat with ridges to the E and W. Primary vegetation consist of sage brush and grasses. Appears that tanks and additional equipment is being removed leaving large foot print that should be reduced in the future.

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 DISTRURBANCE 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
Sediment Traps	Pass					
Berms	Pass	Ditches	Pass			
Compaction	Fail	Compaction	Pass			
Ditches	Pass	Gravel	Pass			

Comment: Erosion channels on W perimeter of location. Larger channel is 18" - 30" wide and 6" - 18" deep. Rilling on E perimter of location allowing stormwater and sediment to flow into tank containment area (berms have been removed) and pool.

Corrective Action: Install or repair required BMPs to comply with Rule 1003.f.

Date: 12/29/2017

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
401469821	INSPECTION SUBMITTED	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4311764
685304013	Inspection pictures.	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4311762