

**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:

06/21/2018

Submitted Date:

06/24/2018

Document Number:

688302114

FIELD INSPECTION FORM

Loc ID _____ Inspector Name: _____ On-Site Inspection
449920 _____ Sherman, Susan _____ 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: 10625
Name of Operator: HIGHLANDS NATURAL RESOURCES CORPORATION
Address: 220 JOSEPHINE STREET
City: DENVER State: CO Zip: 80206

Findings:

- 16 Number of Comments
- 0 Number of Corrective Actions
- Corrective Action Response Requested

Contact Information:

Contact Name	Phone	Email	Comment
Anderson, Eric	(303) 798-0356	eric.anderson@highlandsnr.com	Principal Agent/Land Manager
Miller, Stephen	(361) 230-9375	stephen.miller@highlandsnr.com	Designated Agent/Engineer
Price, Robert	(918) 361-7000	robert.price@highlandsnr.com	Designated Agent/President

Inspected Facilities:

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	Insp Status
449921	WELL	PR	10/01/2017		005-07267	WILDHORSE 5-64 15-16-1BHZ	PR
449923	WELL	PR	10/01/2017	OW	005-07269	POWELL 5-64 15-16-1CHZ	PR

General Comment:

Routine Inspection, Inspection does not include gas plant

Location

Overall Good:

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

Emergency Contact Number:

Comment:

Corrective Action:

Date: _____

Overall Good:

Spills:			
Type	Area	Volume	

In Containment: No

Comment:

Multiple Spills and Releases?

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

Equipment:			corrective date
Type: VRU	# 2		
Comment:			
Corrective Action:		Date:	
Type: Bird Protectors	# 6		
Comment:			
Corrective Action:		Date:	
Type: Emission Control Device	# 1		

Comment:	pilot light on, solar panels		Date:	
Corrective Action:			Date:	
Type: Vertical Heater Treater	# 2			
Comment:			Date:	
Corrective Action:			Date:	
Type: VRT	# 2			
Comment:			Date:	
Corrective Action:			Date:	

Tanks and Berms:

Contents	#	Capacity	Type	Tank ID	SE GPS
PRODUCED WATER	1	<50 BBLS	OTHER		,
Comment:					
Corrective Action:					Date:

Paint

Condition	
Other (Content)	
Other (Capacity)	6 bbls
Other (Type)	blow down tank

Berms

Type	Capacity	Permeability (Wall)	Permeability (Base)	Maintenance
Comment:				
Corrective Action:				Date:

Contents	#	Capacity	Type	Tank ID	SE GPS
PRODUCED WATER	2	500 BBLS	STEEL AST		,
Comment:					
Corrective Action:					Date:

Paint

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

Berms

Type	Capacity	Permeability (Wall)	Permeability (Base)	Maintenance
Comment:	same berms as crude oil tanks			
Corrective Action:				Date:

Contents	#	Capacity	Type	Tank ID	SE GPS
PRODUCED WATER	2	<100 BBLS	BV CONCRETE		,
Comment:					

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

Paint

Condition			
Other (Content)			
Other (Capacity)	60 bbls		
Other (Type)			

Berms

Type	Capacity	Permeability (Wall)	Permeability (Base)	Maintenance
Comment: same berms as crude oil and produced water tanks				
Corrective Action:				Date:

Contents	#	Capacity	Type	Tank ID	SE GPS
CRUDE OIL	8	500 BBLs	STEEL 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: liner under tanks				
Corrective Action:				Date:

Venting:

Yes/No	YES		
Comment:			
Corrective Action:			
			Date:

Flaring:

Type			
Comment:			
Corrective Action:			
			Date:

Location Construction

Location ID: 449921 CDP: _____

Comment: _____

Corrective Action: _____

Date: _____

Form 2A COAs:

Comment: _____

Corrective Action: _____

Date: _____

Wildlife BMPs:

Comment: Form: (04) 401438116 04/11/2018 Gas analysis for well including H2S should be submitted via Sundry Notice, Form 4 and EDD by May 15, 2018. Submitted 1/9/2018.

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:

Inspected Facilities

Facility ID: 449921 Type: WELL API Number: 005-07267 Status: PR Insp. Status: PR

Producing Well

Comment: [May 2018 production reported to COGCC database.](#)

Corrective Action:

Date:

Facility ID: 449923 Type: WELL API Number: 005-07269 Status: PR Insp. Status: PR

Producing Well

Comment: [May 2018 production reported to COGCC database.](#)

Corrective Action:

Date:

Reclamation - Storm Water - Pit

Interim Reclamation:

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

Land Use: RANGELAND

Comment: SLB

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: 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
Gravel	Pass	Gravel	Pass			
		Tracking Pad	Pass			
Compaction	Pass	Compaction	Pass	Material Handling And Spill Prevention	Pass	

Comment: [Fire Extinguishers placed around location](#)

Corrective Action:

Date: _____

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
688302115	Highlands Wildhorse and Powell	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4503418