

**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:

08/13/2017

Submitted Date:

08/17/2017

Document Number:

688300011**FIELD INSPECTION FORM**

Loc ID 449920 Inspector Name: Sherman, Susan On-Site Inspection ☐ 2A Doc Num: _____

Operator Information:OGCC Operator Number: 10625Name of Operator: HIGHLANDS NATURAL RESOURCES CORPORATIONAddress: 2401 EAST 2ND AVENUE SUITE 150City: DENVER State: CO Zip: 80206**Status Summary:**

- ☐ THIS IS A FOLLOW UP INSPECTION
- ☐ FOLLOW UP INSPECTION REQUIRED
- ☐ NO FOLLOW UP INSPECTION REQUIRED

Findings:15 Number of Comments0 Number of Corrective Actions☐ Corrective Action Response Requested**Contact Information:**

Contact Name	Phone	Email	Comment
Price, Robert	(918) 361-7000	robert.price@highlandsnr.com	Designated Agent/President
Mendell, Paul	(303) 495-4138	paul.mendell@highlandsnr.com	Designated Agent/Geologist
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

Inspected Facilities:

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	Insp Status
449921	WELL	DG	08/09/2017		005-07267	WILDHORSE 5-64 15-16-1BHZ	DG
449923	WELL	DG	08/09/2017		005-07269	POWELL 5-64 15-16-1CHZ	DG

General Comment:

LocationOverall Good: ☒

Signs/Marker:			
Type	WELLHEAD		
Comment:			
Corrective Action:		Date:	
Type	TANK LABELS/PLACARDS		
Comment:	Mud tanks need NFPA and quantity labels (have contents labels), as discussed with operator.		
Corrective Action:		Date:	
Type	DRILLING/RECOMP		
Comment:			
Corrective Action:		Date:	

Emergency Contact Number:

Comment: 361-230-9375

Corrective Action:

Date: _____

Good Housekeeping:

Type	WEEDS		
Comment:	Control weeds on access road, as discussed with operator.		
Corrective Action:		Date:	

Overall Good: ☐

Spills:			
Type	Area	Volume	

In Containment: No

Comment: _____

☐ Multiple Spills and Releases?

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

Venting:

Yes/No			
Comment:			
Corrective Action:		Date:	

Flaring:

Type			
Comment:			
Corrective Action:		Date:	

Location Construction

Location ID: 449921 CDP: _____

Comment: _____

Corrective Action: _____

Date: _____

Form 2A COAs:

Comment: No problems seen. Rig is on well 005-06685, Husky et al-State 2-16, for re-plugging.
Discussed lighting and noise issues at safety meeting.

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: RANGELAND

Comment: [pasture on State Land Board Land on Lowry Bombing Range, closest houses ~6000' from well](#)**1002 SITE PREPARATION AND STABILIZATION**

1002a. FENCING _____ Pass _____

Comment [barbed wire](#)

Corrective Action _____ Date _____

1002b. SOIL REMOVAL AND SEGREGATION _____ Pass _____

Comment _____

Corrective Action _____ Date _____

1002c. PROTECTION OF SOILS _____ Pass _____

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 REVEGETATIONCropland

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
Culverts	Pass	Seeding	Pass	Vehicle Tracking	Pass	
Gravel	Pass	Gravel	Pass	Material Handling And Spill Prevention	Pass	
Blankets	Pass					liner under rig
Mulching	Pass	Ditches	Pass	Spill Response	In Process	
Retention Ponds	Pass	Mulching	Pass			
Rip Rap	Pass					
Compaction	Pass	Compaction	Pass	Self Inspection	Pass	
Berms	Pass	Check Dams	In Process	Covering Materials	Pass	

Comment: [Top soil pile is stored on west and east sides of location. Some check dams are full of sediment and are scheduled to be cleaned per operator \(See also COGCC Inspection #682402599\). Spill kit is being replaced-temporary materials are on 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
688300016	Highlands Wildhorse and Powell Surface CMTs	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4230984