

**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:

12/05/2017

Submitted Date:

12/06/2017

Document Number:

688300741**FIELD INSPECTION FORM**

Loc ID 440099 Inspector Name: Sherman, Susan On-Site Inspection ☐ 2A Doc Num: _____

Operator Information:OGCC Operator Number: 10399Name of Operator: NIGHTHAWK PRODUCTION LLCAddress: 1805 SHEA CENTER DR #290City: HIGHLANDS State: CO Zip: 80129**Status Summary:**

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

Findings:22 Number of Comments1 Number of Corrective Actions☒ Corrective Action Response Requested**Contact Information:**

Contact Name	Phone	Email	Comment
Spear, Sam	(970) 554-1988	samspear@nighthawkenenergy.com	
Rezendes, Joe		JoeRezendes@nighthawkenenergy.com	
Henkin, Joyce	(303) 407-9609	joycehenkin@nighthawkenenergy.com	

Inspected Facilities:

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	Insp Status
440097	WELL	PR	02/24/2017	OW	073-06683	KEYSTONE 3-7	PR

General Comment:

Routine Inspection

LocationOverall Good: ☒

Signs/Marker:			
Type	CONTAINERS		
Comment:	propane tanks and chemical containers		
Corrective Action:		Date:	
Type	TANK LABELS/PLACARDS		
Comment:			
Corrective Action:		Date:	
Type	WELLHEAD		
Comment:			
Corrective Action:		Date:	
Type	OTHER		
Comment:	lease sign at CR 109		
Corrective Action:		Date:	

Emergency Contact Number:

Comment: 303-638-6096

Corrective Action:

Date: _____

Good Housekeeping:

Type	WEEDS		
Comment:	Tumble weeds blown inside wellhead fence and near gas engine (see attached photos).		
Corrective Action:	Comply with Rule 603.f .	Date:	01/08/2018

Overall Good: ☐

Spills:			
Type	Area	Volume	

In Containment: No

Comment:

☐ Multiple Spills and Releases?**Fencing/:**

Type	LOCATION		
Comment:	electric wire		
Corrective Action:		Date:	
Type	PUMP JACK		
Comment:	steel panels		
Corrective Action:		Date:	
Type	WELLHEAD		
Comment:	steel panels		
Corrective Action:		Date:	

Equipment:			corrective date
Type: Prime Mover	# 1		
Comment:	gas engine, gas scrubber, solar panel, propane, cathodic protection		
Corrective Action:		Date:	
Type: Vertical Heater Treater	# 1		
Comment:	shed, metal berms at GPS 39.46002, -103.48302, 2 solar panels, propane tank, chemical container		
Corrective Action:		Date:	
Type: Deadman # & Marked	# 4		
Comment:			
Corrective Action:		Date:	
Type: Bird Protectors	# 4		
Comment:	ECDs, VHT and glycol tank		
Corrective Action:		Date:	
Type: Pump Jack	# 1		
Comment:	concrete pad, 2 chemical containers		
Corrective Action:		Date:	
Type: Flow Line	# 20		
Comment:	IN USE: above ground flowline from tanks to ECDs, 1-2" steel riser at wellhead, 3-3", 2 -1", 4-2" steel risers at VHT, 2-2" hot oil lines, 9-2" steel riser at tank batter		
Corrective Action:		Date:	
Type: Emission Control Device	# 2		
Comment:	2 concrete pads, 2 solar panels, both pilots on, west ECD has gas scrubber, at GPS 39.45975, -103.48306		
Corrective Action:		Date:	

Tanks and Berms:

Contents	#	Capacity	Type	Tank ID	SE GPS
GLYCOL	1	<50 BBLS	HEATED STEEL AST		39.459750,-103.483050
Comment:	chemical container, pump, fire damage to side of tank (see attached photo)				
Corrective Action:				Date:	

Paint

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

Berms

Type	Capacity	Permeability (Wall)	Permeability (Base)	Maintenance	
Metal	Adequate	Walls Sufficient		Adequate	
Comment:	not lined				
Corrective Action:			Date:		
Contents	#	Capacity	Type	Tank ID	SE GPS
PRODUCED WATER	1	400 BBLS	STEEL AST		39.460200,-103.482930

Comment:					
Corrective Action:					Date:

Paint

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

Berms

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

Contents	#	Capacity	Type	Tank ID	SE GPS
PRODUCED WATER	1	400 BBLs	HEATED 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 metal berms as uninsulated produced water tank				
Corrective Action:					Date:

Contents	#	Capacity	Type	Tank ID	SE GPS
CRUDE OIL	4	400 BBLs	HEATED STEEL AST		,
Comment:	1 enardo valve				
Corrective Action:					Date:

Paint

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

Berms

Type	Capacity	Permeability (Wall)	Permeability (Base)	Maintenance	
Comment:	same metal berms as uninsulated produced water tank				
Corrective Action:					Date:

Inspected Facilities									
Facility ID:	440097	Type:	WELL	API Number:	073-06683	Status:	PR	Insp. Status:	PR
Producing Well									
Comment:	PR. Sep 2017 production reported to COGCC database.								
Corrective Action:								Date:	

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

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

Land Use: DRY LAND

Comment: winter wheat, swale in field at SW cor of location, near ECDs, that drains to Arikaree (~1460" to the south)

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: cellar at wellhead

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: DRY LAND _____

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
Compaction	Pass	Compaction	Pass	Material Handling And Spill Prevention	Pass	
Gravel	Pass	Gravel	Pass			

Comment:

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
401479035	INSPECTION SUBMITTED	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4319960
688300753	Nighthawk Keystone 3-7	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4319952