

**FORM
INSP**Rev
05/11**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:

06/28/2016

Document Number:

673713415

Overall Inspection:

SATISFACTORY w/ CMT
or AR**FIELD INSPECTION FORM**

Location Identifier	Facility ID	Loc ID	Inspector Name:	On-Site Inspection	2A Doc Num:
	435490	435480	Sherman, Susan	<input type="checkbox"/>	

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

- ☐ THIS IS A FOLLOW UP INSPECTION
- ☐ FOLLOW UP INSPECTION REQUIRED
- ☐ NO FOLLOW UP INSPECTION REQUIRED
- ☐ INSPECTOR REQUESTS FORM 42 WHEN CORRECTIVE ACTIONS ARE COMPLETED

Contact Information:

Contact Name	Phone	Email	Comment
Rezendes, Joe		JoeRezendes@nighthawkenergy.com	
Quint, Craig		craig.quint@state.co.us	
Henkin, Joyce	(303) 407-9609	joycehenkin@nighthawkenergy.com	
Mayland, Harold	(303) 407-9604	haroldmayland@nighthawkenergy.com	

Compliance Summary:QtrQtr: Lot 2 Sec: 15 Twp: 6S Range: 54W

Insp. Date	Doc Num	Insp. Type	Insp Status	Satisfactory /Action Required	PA P/F/I	Pas/Fail (P/F)	Violation (Y/N)
06/03/2015	673710565	DG	AC	SATISFACTORY			No
01/14/2015	673709312	DG	AC	ACTION REQUIRED			No
04/17/2014	673702405	DG	DG	SATISFACTORY			No

Inspector Comment:**Related Facilities:**

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	Insp Status
159484	UIC DISPOSAL	AC	08/26/2014	DSPW	-	ARIKAREE CREEK SWD 1	AC
435490	WELL	IJ	08/29/2014	DSPW	073-06571	ARIKAREE CREEK SWD 1	AC
435491	WELL	XX	12/19/2013	LO	073-06572	SNOWBIRD 1-15	XX

Equipment:Location Inventory

Inspector Name: Sherman, Susan

Special Purpose Pits: _____	Drilling Pits: <u>2</u>	Wells: <u>2</u>	Production Pits: _____
Condensate Tanks: _____	Water Tanks: <u>4</u>	Separators: <u>1</u>	Electric Motors: _____
Gas or Diesel Mortors: _____	Cavity Pumps: _____	LACT Unit: _____	Pump Jacks: _____
Electric Generators: _____	Gas Pipeline: _____	Oil Pipeline: _____	Water Pipeline: _____
Gas Compressors: _____	VOC Combustor: _____	Oil Tanks: <u>4</u>	Dehydrator Units: _____
Multi-Well Pits: _____	Pigging Station: _____	Flare: _____	Fuel Tanks: _____

Location

Lease Road:

Type	Satisfactory/Action Required	comment	Corrective Action	Date

Signs/Marker:

Type	Satisfactory/Action Required	Comment	Corrective Action	CA Date
TANK LABELS/PLACARDS	SATISFACTORY			
OTHER	SATISFACTORY	lease sign at CR 4B		
WELLHEAD	SATISFACTORY			

Emergency Contact Number (S/AR): SATISFACTORY

Corrective Date: _____

Comment: 303-638-6096

Corrective Action: _____

Good Housekeeping:

Type	Satisfactory/Action Required	Comment	Corrective Action	CA Date
STORAGE OF SUPL		Empty frac tank stored near tank battery in case it is needed.		

Spills:

Type	Area	Volume	Corrective action	CA Date
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☐ Multiple Spills and Releases?

Fencing/:

Type	Satisfactory/Action Required	Comment	Corrective Action	CA Date
LOCATION	SATISFACTORY	barbed wire		
WELLHEAD	SATISFACTORY	steel panels		

Equipment:

Type: Other	# 1	Satisfactory/Action Required:	SATISFACTORY
Comment	Centrifugal pump (10 hp) in shed at tank battery. No 3 phase electricity available.		
Corrective Action		Date:	
Type: Deadman # & Marked	# 4	Satisfactory/Action Required:	SATISFACTORY
Comment			
Corrective Action		Date:	

Inspector Name: Sherman, Susan

Type: Ancillary equipment	# 1	Satisfactory/Action Required: SATISFACTORY
Comment solar panel south of well		
Corrective Action		Date:

Facilities: ☐ New Tank Tank ID: _____

Contents	#	Capacity	Type	SE GPS
PRODUCED WATER	3	500 BBLS	Open Top	39.533650,-103.418870

S/AR	SATISFACTORY	Comment: black tanks
Corrective Action:		Corrective Date:

Paint

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

Berms

Type	Capacity	Permeability (Wall)	Permeability (Base)	Maintenance
Earth	Adequate	Walls Sufficient	Base Sufficient	Adequate
Corrective Action				Corrective Date
Comment				

Facilities: ☐ New Tank Tank ID: _____

Contents	#	Capacity	Type	SE GPS
PRODUCED WATER	4	400 BBLS	STEEL AST	39.534110,-103.419360

S/AR	SATISFACTORY	Comment:
Corrective Action:		Corrective 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
Corrective Action				Corrective Date
Comment				

Venting:

Yes/No	
Comment	

Flaring:

Type		Satisfactory/Action Required
Comment:		

Corrective Action:

Correct Action
Date:**Predrill**

Location ID: 435490

Lease Road Adeq.: _____

Pads: _____

Soil Stockpile: _____

S/AR: _____

Corrective Action: _____

Date: _____

CDP Num.: _____

Form 2A COAs:**S/AR:** SATISFACTORY**Comment:** No problems seen.**CA:** _____**Date:** _____**Wildlife BMPs:**

BMP Type	Comment
Construction	<p>Certificate to Discharge Under CDPHE General Permit No. COR-030000. Stormwater Discharges Associated with Construction Certification No. COR031825 Prior to construction, perimeter controls will be installed utilizing cuttings from the clearing operations. Once the well pad has been constructed a variety of BMP's shall be utilized for the site specific conditions. BMP's to be utilized may include, but are not limited to:</p> <ul style="list-style-type: none"> -Dirt Ditch/Berm -Erosion Control Blankets -Straw Bale Barrier -Straw Wattles -Seeding -Imported Hard Armor -Check Dams -Culvert/Culvert Protection -Crimped Straw -Silt Fence -Surface Roughening/Surface Rip <p>During construction, each site will be inspected every 14 days and 24-72 hours after any precipitation event causing erosion depending on the current site activities. These inspections will be recorded and maintained at Nighthawk's office. Repairs shall be completed as soon as possible after an inspection reporting BMP repairs are required. Any site specific modifications will be revised on the site plan when implemented at the site. A field wide Stormwater Management Plan (SWMP) for the Project Area is located at Nighthawk's office. Spill Protection Control and Countermeasures (SPCC) plans for the Project Area are stored on file at Nighthawk's office. The field wide SWMP addresses SPCC during construction operations.</p>

S/AR: _____**Comment:** _____**CA:** _____**Date:** _____**Comment:** _____**Staking:****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: _____

Inspector Name: Sherman, Susan

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:

Facility

Facility ID: 435490 Type: WELL API Number: 073-06571 Status: IJ Insp. Status: AC

Underground Injection Control

UIC Violation: _____ Maximum Injection Pressure: _____

UIC Routine

Inj./Tube: Pressure or inches of Hg -5 in Hg Previous Test Pressure _____ MPP _____
(e.g. 30 psig or -30" Hg) Inj Zone: SIMSN

TC: Pressure or inches of Hg 5 psi Previous Test Pressure _____ Last MIT: 07/16/2014

Brhd: Pressure or inches of Hg 0 Previous Test Pressure _____ AnnMTReq: _____

Comment: Well pumping (10 hp centrifugal pump) at time of inspection.
Casing had blow that died. Brhd had slight blow that died immediately.
Apr 2016 disposal data reported to COGCC database.

Method of Injection: PUMP FEED

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

Insp. Status: _____

Comment: _____

Environmental

Spills/Releases:

Type of Spill: _____ Description: _____ Estimated Spill Volume: _____

Comment: _____

Corrective Action: _____ Date: _____

Reportable: _____ GPS: Lat _____ Long _____

Proximity to Surface Water: _____ Depth to Ground Water: _____

Water Well:

DWR Receipt Num: _____ Owner Name: _____ GPS : _____ Lat _____ Long _____

Field Parameters:

Sample Location: _____

Emission Control Burner (ECB): _____

Comment: _____

Pilot: _____ Wildlife Protection Devices (fired vessels): _____

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

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

Land Use: RANGELAND

Comment: pasture, large fenced location1003a. Waste and Debris removed? Pass

CM _____

CA _____ CA Date _____

Unused or unneeded equipment onsite? _____

CM _____

CA _____ CA Date _____

Pit, cellars, rat holes and other bores closed? _____

CM Cellar open (see attached photo), all others closed

CA _____ CA Date _____

Guy line anchors marked? Pass

CM _____

CA _____ CA 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 _____

1003 f. Weeds Noxious weeds? _____

Comment: _____

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 _____

Inspector Name: Sherman, Susan

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 _____

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	SI	Pass	
Compaction	Pass	Compaction	Pass	MHSP	Pass	

S/A/V: SATISFACTOR
Y

Corrective Date: _____

Comment: _____

CA: _____

Pits: ☐ NO SURFACE INDICATION OF PIT

Pit Type: Multiwell Reuse/ Lined: YES Pit ID: Lat: 39.533630 Long: -103.419040

Lining:

Liner Type: HDPE Liner Condition: Adequate

Comment: _____

Fencing:

Fencing Type: Livestock Fencing Condition: Adequate

Comment: _____

Netting:

Netting Type: Netting Condition: _____

Comment: _____

Anchor Trench Present: Oil Accumulation: 2+ feet Freeboard: _____

Pit (S/A/V): Comment: Western most lined pit just south and west of wellhead for oil stained contaminated soil (see attached photo). Contact COGCC OGLA for pit permit requirements.
323. OPEN PIT STORAGE OF OIL OR HYDROCARBON SUBSTANCES
Storage of oil or any other produced liquid hydrocarbon substance in earthen pits or reservoirs is considered to constitute waste, except in emergencies where such substances cannot be otherwise contained. In such cases, these substances must be reclaimed and such storage eliminated as soon as practicable after the emergency is controlled, unless special permission to delay or continue is obtained from the Director.

Corrective Action: _____ Date: _____

Inspector Name: Sherman, Susan

Pit Type: Multiwell Reuse/ Lined: YES Pit ID: _____ Lat: 39.533700 Long: -103.418780

Lining:

Liner Type: HDPE Liner Condition: Adequate

Comment: _____

Fencing:

Fencing Type: Livestock Fencing Condition: Adequate

Comment: _____

Netting:

Netting Type: _____ Netting Condition: _____

Comment: _____

Anchor Trench Present: _____ Oil Accumulation: NO 2+ feet Freeboard: _____

Pit (S/A/V): _____ Comment: Eastern most lined pit just south of wellhead for salt water contaminated soil, bermed (see attached photo) per Operator. Contact COGCC OGLA for pit permit requirements. 323. OPEN PIT STORAGE OF OIL OR HYDROCARBON SUBSTANCES Storage of oil or any other produced liquid hydrocarbon substance in earthen pits or reservoirs is considered to constitute waste, except in emergencies where such substances cannot be otherwise contained. In such cases, these substances must be reclaimed and such storage eliminated as soon as practicable after the emergency is controlled, unless special permission to delay or continue is obtained from the Director.

Corrective Action: _____ Date: _____

COGCC Comments

Comment	User	Date
Annual UIC was satisfactory. Contact COGCC OGLA for pit permit requirements.	ShermaSe	06/29/2016

Attached Documents

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

Document Num	Description	URL
673713419	Nighthawk Arikaree SWD	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3889719