

State of Colorado
Oil and Gas Conservation Commission

1120 Lincoln Street, Suite 801, Denver, Colorado 80203
 Phone: (303) 894-2100 Fax: (303) 894-2109



Document Number:

401265339

Date Received:

04/26/2017

Spill report taken by:

Kosola, Jason

Spill/Release Point ID:

450035

SPILL/RELEASE REPORT (SUPPLEMENTAL)

This form is to be submitted by the party responsible for the oil and gas spill or release. Refer to COGCC Rule 906.b. for reporting requirements of spills or releases of E&P Waste or produced fluids. Submit a Site Investigation and Remediation Workplan (Form 27) when requested by the Director.

OPERATOR INFORMATION

Name of Operator: <u>NIGHTHAWK PRODUCTION LLC</u>	Operator No: <u>10399</u>	Phone Numbers
Address: <u>1805 SHEA CENTER DR #290</u>		Phone: <u>(303) 407-9609</u>
City: <u>HIGHLANDS RANCH</u>	State: <u>CO</u> Zip: <u>80129</u>	Mobile: <u>(720) 364-6456</u>
Contact Person: <u>Joyce Henkin</u>		Email: <u>joycehenkin@nighthawkenergy.com</u>

INITIAL SPILL/RELEASE REPORT

Initial Spill/Release Report Doc# 401262314

Initial Report Date: 04/18/2017 Date of Discovery: 04/16/2017 Spill Type: Recent Spill

Spill/Release Point Location:

Location of Spill/Release: QTRQTR SWNW SEC 14 TWP 6S RNG 54W MERIDIAN 6Latitude: 39.530340 Longitude: -103.412750Municipality (if within municipal boundaries): _____ County: LINCOLN

Reference Location:

Facility Type: TANK BATTERY ☒ Facility/Location ID No 436846☐ No Existing Facility or Location ID No.☐ Well API No. (Only if the reference facility is well) 05- -

Fluid(s) Spilled/Released (please answer Yes/No):

Was one (1) barrel or more spilled outside of berms or secondary containment? No

Secondary containment, including walls & floor regardless of construction material, must be sufficiently impervious to contain any discharge from primary containment until cleanup occurs.

Were Five (5) barrels or more spilled? Yes

Estimated Total Spill Volume: use same ranges as others for values

Estimated Oil Spill Volume(bbl): >=5 and <100Estimated Condensate Spill Volume(bbl): 0Estimated Flow Back Fluid Spill Volume(bbl): 0Estimated Produced Water Spill Volume(bbl): 0Estimated Other E&P Waste Spill Volume(bbl): 0Estimated Drilling Fluid Spill Volume(bbl): 0

Specify: _____

Land Use:

Current Land Use: CROP LAND Other(Specify): _____Weather Condition: Sunny and windySurface Owner: FEE Other(Specify): _____

Check if impacted or threatened by spill/Release (please answer Yes/No to all that apply):

Waters of the State ☐ Residence/Occupied Structure ☐ Livestock ☐ Public Byway ☐ Surface Water Supply Area ☐

As defined in COGCC 100-Series Rules

Describe what is known about the spill/release event (what happened -- including how it was stopped, contained, and recovered):

Recovery is ongoing - Oil and impacted pea gravel is being vacuumed by up super sucker truck within the LINED containment. Equipment and liner will be washed. The building is being wiped down with solvent and rags. The soil outside of containment that impacted with mist of oil was scrapped up and collected for disposal. A pressure transducer on the discharge side of the triplex pump cracked and oil sprayed out. The leak was discovered by Nighthawk pumper on Sunday morning and the jet pump system was immediately shut down, stopping the leak.

List Agencies and Other Parties Notified:

OTHER NOTIFICATIONS

Date	Agency/Party	Contact	Phone	Response
4/16/2017	COGCC	Susan Sherman	303-719-1111	Verbally spoke with her

SPILL/RELEASE DETAIL REPORTS

#1	Supplemental Report Date: 04/24/2017		
FLUIDS	BBL's SPILLED	BBL's RECOVERED	Unknown
OIL	5	5	<input type="checkbox"/>
CONDENSATE	0	0	<input type="checkbox"/>
PRODUCED WATER	0	0	<input type="checkbox"/>
DRILLING FLUID	0	0	<input type="checkbox"/>
FLOW BACK FLUID	0	0	<input type="checkbox"/>
OTHER E&P WASTE	0		<input type="checkbox"/>
specify: _____			
Was spill/release completely contained within berms or secondary containment? YES Was an Emergency Pit constructed? NO			
Secondary containment, including walls & floor regardless of construction material , must be sufficiently impervious to contain any discharge from primary containment until cleanup occurs.			
A Form 15 Pit Report shall be submitted within 30 calendar days after the construction of an emergency pit			
Impacted Media (Check all that apply) <input type="checkbox"/> Soil <input type="checkbox"/> Groundwater <input type="checkbox"/> Surface Water <input type="checkbox"/> Dry Drainage Feature			
Surface Area Impacted: Length of Impact (feet): 0		Width of Impact (feet): 0	
Depth of Impact (feet BGS): 0		Depth of Impact (inches BGS): _____	
How was extent determined?			
Spill was within Steel LINED containment. Approx 9,700 gallons (This total includes washing water used to clean jet pump, shed and containment liner- Also pea gravel/sand within containment.) Total of 4 hydrovac loads hauled to disposal. All contaminated pea gravel was removed and replaced with new virgin pea gravel/sand. Totals included with pea gravel removal. Not sure of total bbls			
Soil/Geology Description:			
Spill in lined containment - No leakage to the soil or groundwater			
Depth to Groundwater (feet BGS) 130		Number Water Wells within 1/2 mile radius: 0	
If less than 1 mile, distance in feet to nearest		Water Well _____ None <input checked="" type="checkbox"/>	Surface Water _____ None <input checked="" type="checkbox"/>
		Wetlands _____ None <input checked="" type="checkbox"/>	Springs _____ None <input checked="" type="checkbox"/>
		Livestock _____ None <input checked="" type="checkbox"/>	Occupied Building 0 None <input type="checkbox"/>
Additional Spill Details Not Provided Above:			

CORRECTIVE ACTIONS

#1 Supplemental Report Date: 04/19/2017

Cause of Spill (Check all that apply) ☐ Human Error ☒ Equipment Failure ☐ Historical-Unknown
☐ Other (specify) _____

Describe Incident & Root Cause (include specific equipment and point of failure)

Location uses jet pump system to produce, which includes a triplex pump and other equipment within a fiberglass building that sets within a LINED steel containment. It was determined that a 5,000 psi rated MAWP pressure transducer on the discharge side of the triplex pump had failed for unknown reasons.

Describe measures taken to prevent the problem(s) from reoccurring:

The transducer has since been sent to manufacturer for inspection and attempt to determine the cause for part failure. Well has been on jet pump for about 4-5 months and operating pressures have been well below MAWP. Have since replaced pressure transducer with new part and also replumbed and placed in a new location to reduce vibrations. Location has been steam cleaned. Equipment/well has been put back on line. See attached pictures for verification.

Volume of Soil Excavated (cubic yards): 0

Disposition of Excavated Soil (attach documentation) ☐ Offsite Disposal ☐ Onsite Treatment
☒ Other (specify) Approx 0.25 cu yd was scraped up and put into a lined disposal bin at the AC yard for future offsite disposal once container is full.

Volume of Impacted Ground Water Removed (bbls): 0

Volume of Impacted Surface Water Removed (bbls): 0

REQUEST FOR CLOSURE

Spill/Release Reports should be closed when impacts have been remediated or when further investigation and corrective actions will take place under an approved Form 27.

Basis for Closure: ☒ Corrective Actions Completed (documentation attached)
☐ Work proceeding under an approved Form 27
Form 27 Remediation Project No: _____

OPERATOR COMMENTS:

Initial report stated that location was a tank battery. It is a well site.
Initial report also stated incorrectly- Initial contact with Susan Sherman was on 4-16-17. It was actually the morning of 4-17-17.
Spill occurred within a fiberglass building that sets in a steel LINED containment.

I hereby certify all statements made in this form are to the best of my knowledge true, correct, and complete.

Signed: _____ Print Name: Joyce Henkin
Title: Production Tech Date: 04/26/2017 Email: joycehenkin@nighthawkenenergy.com

COA Type

Description

	<p>Spill was contained within lined secondary containment and no environmental impacts were observed during COGCC inspection #682600292. Operator has demonstrated that containment liner integrity was not compromised (see attached photos).</p> <p>Based on review of information presented it appears that no further action is necessary at this time. However, should future conditions at the site indicate contaminant concentrations in soils exceeding COGCC standards or if ground water or vegetation is found to be significantly impacted, further investigation and/or remediation activities may be required at the site.</p>
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Attachment Check List

<u>Att Doc Num</u>	<u>Name</u>
401265339	SPILL/RELEASE REPORT(SUPPLEMENTAL)
401265434	OTHER
401265435	OTHER
401268743	FORM 19 SUBMITTED

Total Attach: 4 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
		Stamp Upon Approval

Total: 0 comment(s)