

Incident ID	NCE2003540506
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible Party: Advance Energy Partners Hat Mesa LLC	OGRID: 372417
Contact Name: David Harwell	Contact Telephone: 281-235-3431
Contact email: DHarwell@advanceenergypartners.com	Incident # (assigned by OCD)
Contact mailing address: 11490 Westheimer Rd. Suite 950. Houston, TX 77077	

Location of Release Source

Latitude 32.4201070

Longitude -103.6043589

(NAD 83 in decimal degrees to 5 decimal places)

Site Name: Dagger Lake to Merchant Pond Line Test	Site Type: Pipeline
Date Release Discovered: January 08, 2020 at 1:30am	API#

Unit Letter	Section	Township	Range	County
I	06	T22S	R33E	Lea

Surface Owner: State Federal Tribal Private (Merchant Livestock)

Nature and Volume of Release

Material(s) Released (Select all that apply and attach calculations or specific justification for the volumes provided below)

<input checked="" type="checkbox"/> Crude Oil	Volume Released (bbls) 4.3	Volume Recovered (bbls): 0
<input checked="" type="checkbox"/> Produced Water	Volume Released (bbls) 52	Volume Recovered (bbls) 0
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<input type="checkbox"/> Condensate	Volume Released (bbls)	Volume Recovered (bbls)
<input type="checkbox"/> Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
<input type="checkbox"/> Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)

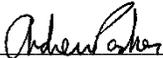
Cause of Release: Pressure line test using fresh water from a nearby fresh water containment. Residual produced water and oil from a water transport truck being used to pressurize the line was the source of the release. After the line test, the water from the line was released along with the unknown contents of produced water and oil. The presence of produced water was confirmed upon receipt of laboratory analysis of soil sampling conducted on January 9, 2020

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Was this a major release as defined by 19.15.29.7(A) NMAC? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	If YES, for what reason(s) does the responsible party consider this a major release? >25 barrels produced water
If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)? See attached email	

Initial Response

The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury

<input checked="" type="checkbox"/> The source of the release has been stopped. <input checked="" type="checkbox"/> The impacted area has been secured to protect human health and the environment. <input checked="" type="checkbox"/> Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices. <input checked="" type="checkbox"/> All free liquids and recoverable materials have been removed and managed appropriately.
If all the actions described above have <u>not</u> been undertaken, explain why: All free liquids infiltrated into the silty sand.
Per 19.15.29.8 B. (4) NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please attach a narrative of actions to date. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see 19.15.29.11(A)(5)(a) NMAC), please attach all information needed for closure evaluation.
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.
Printed Name: <u>Andrew Parker</u> Title: <u>Sr. Env. Specialist</u> Signature: <u></u> Date: <u>Jan 17, 2020</u> email: <u>andrew@rthicksconsult.com</u> Telephone: <u>970-570-9535</u>
<u>OCD Only</u> Received by: <u>Cristina Eads</u> Date: <u>02/04/2020</u>

NCE2003540506

Spill Dimensions to Volume of Release (Produced Water)			
Input	volume of affected soil	[feet^3]	8335.85
Input	Porosity: typically is .35 to .40 for most soils	[-]	0.35
Input	Proportion of porosity filled with release fluid [0,1]	[-]	0.10
Output			
	volume of fluid	[feet^3]	291.8
		[gal]	2182.5
		Barrels	52.0

From GIS	
Sq. Ft	16671.7
Depth (ft)	0.500
Cu. Ft	8335.85

Spill Dimensions to Volume of Release (Oil)			
Input	volume of affected soil	[feet^3]	694.65
Input	Porosity: typically is .35 to .40 for most soils	[-]	0.35
Input	Proportion of porosity filled with release fluid [0,1]	[-]	0.10
Output			
	volume of fluid	[feet^3]	24.3
		[gal]	181.9
		Barrels	4.3

From GIS	
Sq. Ft	16671.7
Depth (ft)	0.042
Cu. Ft	694.6542

NCE2003540506

andrew@rthicksconsult.com

To: EMNRD-OCD-District1spills@state.nm.us
Cc: 'David Harwell'; 'robbyo@roctx.com'; Robert Munoz; 'jacob@rthicksconsult.com';
 laura@rthicksconsult.com; 'Mann, Ryan'
Subject: 24-Hour Notification of Major Release

NMOCD:

Per 19.15.29.10.A(1), on the behalf of Advance Energy Partners Hat Mesa, R.T. Hicks Consultants submits this 24-hour Notification of a Major Release.

The release occurred on January 8, 2020 at approximately 1:30am during a pressure line test using fresh water from a nearby fresh water containment. Residual produced water and oil from a water transport truck being used to pressurize the line was the source of the release. After the line test, the fresh water from the line was released along with the unknown contents of produced water and oil. The presence of produced water was confirmed upon receipt of laboratory analysis of soil sampling conducted on January 9, 2020.

After clearance from the on-call, excavation began January 15th for the removal of hydrocarbons observed on surface soils within the release extent. It was not until evaluation of laboratory results that identified produced water was present in the released fluid.

Attached is a copy of the C-141. Portions reproduced below.

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Unit Letter	Section	Township	Range	County
I	06	T22S	R33E	Lea

Surface Owner: State Federal Tribal Private (Merchant Livestock)

Andrew Parker
 R.T. Hicks Consultants
 Durango Field Office
 970-570-9535