

Spill Characteristics - Inputs		
Spill Observation or Measurement	Value	Format/Units
Location, Date, Time, and Elapsed Time		
Location	Appaloosa CTB-161 Launcher	
Date & time of spill observation (now)	10/29/2025 9:54	mm/dd/yyyy hh:mm
Date & time that spill began (estimate)	10/29/2025 9:51	mm/dd/yyyy hh:mm
Elapsed time to observation	0.0	hr
User Selected Duration for Emissions Estimates	0.0	hr
Spill setting		
Type of surface where spill occurred	Land	List
Petroleum Liquid Type		
Predominant petroleum liquid type	Crude-light (34 °API)	List
Spill Dimensions on Land		
Soil type	Caliche	
Approximate geometric shape of spill	Circle	List
Maximum length	20	feet
Maximum width	40	feet
Maximum depth of spill on surface	0.5	inches
Spill Dimensions on Water		
Approximate geometric shape of spill		
Maximum length		feet
Maximum width		feet
Visibility threshold appearance thickness or user specified		List
User specified thickness		µm
Spill Conditions		
Ambient temperature	85	°F
Wind speed	17	mph

Cells shaded in green are for user input of spill specific data.

Reporting Applicability	
State in which spill occurred:	NM
NOTE: A reporting threshold may have been triggered from this release. Please refer to the NM tab on the spill reporting requirements tool for reporting requirements associated with releases to land, initiate a MAPLine call, and contact ES&R.	
NOTE: Caliche has highly variable infiltration properties depending on composition of native soil and degree of cementation. Soil properties may need adjustment based on site-specific data.	
NOTE: Soil infiltration nomograph for petroleum products was not available for caliche. Therefore infiltration properties were copied from the clay nomograph.	

Spill Characteristics - Selected Outputs			
Spill Characteristics	Value Raw	Value	Units
Spill Area, Volume & Mass on Land			
Spill Area at Observation Time	706.9	710	ft2
	0.02	0.0	ac
Spill Surface Volume at Observation Time	19.6	20	ft3
	146.9	150	gal
	3.5	4	bbl
Spill Surface Mass at Observation Time	1,046.0	1,000	lb
Spill Area, Volume & Mass on Water			
Spill Area at Observation Time	n/a	n/a	ft2
	n/a	n/a	ac
Spill Surface Volume at Observation Time	n/a	n/a	ft3
	n/a	n/a	gal
	n/a	n/a	bbl
Spill Surface Mass at Observation Time	n/a	n/a	lb
Potential Soil Infiltration			
Approximate infiltration depth	0.00	0.0	ft
Approximate liquid volume in infiltrated soil	0.6	1	gal
	0.0	0	bbl
Total liquid volume - surface and infiltrated soil	147.5	150	gal
	3.5	4	bbl
Total liquid mass -surface and infiltrated soil	1,050.2	1,100	lb.
Initial spill loading on surface	0.21	0.20	gal/ft2
Final depth for spill loading at 95% Confidence Intvl	0.61	0.60	ft
Air Emissions			
Estimated VOC Emissions Prior to Observation	557.0	560	lb
Estimated Maximum 1-Hour VOC Emissions	313.6	310	lb
Estimated 24-Hour VOC Emissions	557.0	560	lb
Estimated Emission During Selected Time Period	84.1	84	lb
Maximum 1-hr Benzene Emissions		2	lb./hr
Total Benzene Emissions for User Selected Duration		1	lb.
Maximum 1-hr H2S Emissions		0.0	lb./hr
Total H2S Emissions for User Selected Duration		0.001	lb.
Fully or Partially Evaporated		Partially Evaporated	
Initial Spill Size Estimate			
Estimated Mass of Initial Spill	1,607.3	1,600	lb.
Estimated Volume of Initial Spill	225.7	230	gal
	5.4	5	bbl

Potential Benzene/Hydrogen Sulfide Emissions from Spill			
Select Product Type	Crude-light (34 °API)		
Potential Benzene Emissions		2.5	lb.
Potential Hydrogen Sulfide Emissions		0.001	lb.

Note - the below table is a separate emissions calculator that can be used to evaluate releases of specific crude oil types in conjunction with the inputs above..

Crude-Specific Potential Benzene/Hydrogen Sulfide Emissions from Capline Crude Spill			
Select Crude Type	Keystone Conoco Blend		
Potential Benzene Emissions		2	lb.
Potential Hydrogen Sulfide Emissions		0.003	lb.

NOTE: Infiltration depth does not account for overall mass limits on the release (i.e. the model assumes an ongoing source/infinite volume). Small volume releases may be unlikely to reach the depth shown.

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/ocd/contact-us>

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

QUESTIONS

Action 606723

QUESTIONS

Operator: WESTERN REFINING PIPELINE LLC 200 E. Hardin Street Findlay, OH 45840	OGRID: 319135
	Action Number: 606723
	Action Type: [C-141] Initial C-141 (C-141-v-Initial)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2531769308
Incident Name	NAPP2531769308 APPALOOSA CTB-161 LAUNCHER @ N-18-25S-34E 375S 600W
Incident Type	Oil Release
Incident Status	Initial C-141 Received

Location of Release Source

Please answer all the questions in this group.

Site Name	Appaloosa CTB-161 Launcher
Date Release Discovered	10/29/2025
Surface Owner	Federal

Incident Details

Please answer all the questions in this group.

Incident Type	Oil Release
Did this release result in a fire or is the result of a fire	No
Did this release result in any injuries	No
Has this release reached or does it have a reasonable probability of reaching a watercourse	No
Has this release endangered or does it have a reasonable probability of endangering public health	No
Has this release substantially damaged or will it substantially damage property or the environment	No
Is this release of a volume that is or may with reasonable probability be detrimental to fresh water	No

Nature and Volume of Release

Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.

Crude Oil Released (bbls) Details	Cause: Corrosion Pipeline (Any) Crude Oil Released: 5 BBL Recovered: 5 BBL Lost: 0 BBL.
Produced Water Released (bbls) Details	Not answered.
Is the concentration of chloride in the produced water >10,000 mg/l	No
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Not answered.

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QUESTIONS, Page 2

Action 606723

QUESTIONS (continued)

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QUESTIONS

Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	More info needed to determine if this will be treated as a "gas only" report.
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	No
Reasons why this would be considered a submission for a notification of a major release	<i>Unavailable.</i>
<i>With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.</i>	

Initial Response

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

The source of the release has been stopped	True
The impacted area has been secured to protect human health and the environment	True
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True
All free liquids and recoverable materials have been removed and managed appropriately	True
If all the actions described above have not been undertaken, explain why	<i>Not answered.</i>

Per Paragraph (4) of Subsection B of 19.15.29.8 NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative of actions to date in the follow-up C-141 submission. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of Subsection A of 19.15.29.11 NMAC), please prepare and attach all information needed for closure evaluation in the follow-up C-141 submission.

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.

I hereby agree and sign off to the above statement	Name: Kailee Smith Title: Regulatory Analyst Email: ksmith2@marathonpetroleum.com Date: 08/10/2026
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Action 606723

QUESTIONS (continued)

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QUESTIONS

Site Characterization	
<i>Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>	
What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Not answered.
What method was used to determine the depth to ground water	Not answered.
Did this release impact groundwater or surface water	Not answered.
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:	
A continuously flowing watercourse or any other significant watercourse	Not answered.
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Not answered.
An occupied permanent residence, school, hospital, institution, or church	Not answered.
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Not answered.
Any other fresh water well or spring	Not answered.
Incorporated municipal boundaries or a defined municipal fresh water well field	Not answered.
A wetland	Not answered.
A subsurface mine	Not answered.
An (non-karst) unstable area	Not answered.
Categorize the risk of this well / site being in a karst geology	Not answered.
A 100-year floodplain	Not answered.
Did the release impact areas not on an exploration, development, production, or storage site	Not answered.

Remediation Plan	
<i>Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>	
Requesting a remediation plan approval with this submission	No
<i>The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.</i>	

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CONDITIONS

Action 606723

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CONDITIONS

Created By	Condition	Condition Date
scwells	Initial C-141 approved. Pursuant to 19.15.29.12.B NMAC, a remediation plan or a remediation closure report was due to the OCD by 1/27/26.	8/10/2026