

Oil and Water Spill Volume Spread Calculator Updated

INPUT FIELDS
OUTPUT
RESULT

Location:	
GPS Coord	32.3311220 -103.1626370
Spill Date:	
Spill Time:	

Length of Spill=	50.00	feet
Width of Spill=	10.00	feet
Saturation (or depth)	3.00	inches

OR

Area=		ft ²
Saturation (or depth) of Spill=		inches

OR

Soil Volume=		yd ³
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Use only
one
method

Oil Cut=	100.00	% Oil
Porosity Factor=	0.25	

Soil Volume=	4.63	yd ³
Total Oil in Soil=	5.57	barrels
Total Produced Water	-	barrels

Types of Porosity Factor	
Gravel	0.25
Sand	0.20
Clay/silt/sa	0.15
Clay	0.05
Caliche	0.03
Unknown	0.25

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

General Information
Phone: (505) 629-6116

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

QUESTIONS

Action 607885

QUESTIONS

Operator: Landmark Energy Partners, LLC 15409 Fountain Creek Lane Edmond, OK 73013	OGRID: 332519
	Action Number: 607885
	Action Type: [C-141] Initial C-141 (C-141-v-Initial)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2619852334
Incident Name	NAPP2619852334 JALMAT FIELD YATES SAND UNIT @ H-14-22S-35E
Incident Type	Oil Release
Incident Status	Initial C-141 Received

Location of Release Source

Please answer all the questions in this group.

Site Name	Jalmat Field Yates Sand Unit
Date Release Discovered	06/27/2026
Surface Owner	State

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: High Line Pressure Flow Line - Production Crude Oil Released: 6 BBL Recovered: 0 BBL Lost: 6 BBL.
Produced Water Released (bbls) Details	Cause: High Line Pressure Flow Line - Production Produced Water Released: 0 BBL Recovered: 0 BBL Lost: 0 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	No
Condensate Released (bbls) Details	Cause: High Line Pressure Flow Line - Production Condensate Released: 0 BBL Recovered: 0 BBL Lost: 0 BBL.
Natural Gas Vented (Mcf) Details	Cause: High Line Pressure Flow Line - Production Natural Gas Vented Released: 0 MCF Recovered: 0 MCF Lost: 0 MCF.
Natural Gas Flared (Mcf) Details	Cause: High Line Pressure Flow Line - Production Natural Gas Flared Released: 0 MCF Recovered: 0 MCF Lost: 0 MCF.
Other Released Details	Cause: High Line Pressure Flow Line - Production Crude Oil Released: 6 BBL Recovered: 0 BBL Lost: 6 BBL.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Volume Calculation was done at 564 sq ft and 3" depth

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QUESTIONS, Page 2

Action 607885

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)	No, according to supplied volumes this does not appear to be 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	Unavailable.
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.	

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	False
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	Remediation will begin next week

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: Judd McDonald Title: Managing Member Email: judd@landmarkenergypartners.com Date: 07/24/2026
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QUESTIONS, Page 3

Action 607885

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)	Between 100 and 500 (ft.)
What method was used to determine the depth to ground water	U.S. Geological Survey
Did this release impact groundwater or surface water	No
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	Greater than 5 (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Greater than 5 (mi.)
An occupied permanent residence, school, hospital, institution, or church	Between 1 and 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Between 1 and 5 (mi.)
Any other fresh water well or spring	Between 1 and 5 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Between 1 and 5 (mi.)
A wetland	Between 1 and 5 (mi.)
A subsurface mine	Greater than 5 (mi.)
An (non-karst) unstable area	Greater than 5 (mi.)
Categorize the risk of this well / site being in a karst geology	None
A 100-year floodplain	Between 1 and 5 (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	Yes

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

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CONDITIONS

Created By	Condition	Condition Date
michael.buchanan	Initial C141 is approved. A remediation work plan, site characterization plan or remediation closure is due to the OCD no later than 90-days after the date of discovery, not to exceed 09/25/2026. The OCD notes that the initial C-141 was not received until 07/24/2026.	7/28/2026