***** LIQUID SPILLS - VOLUME CALCULATIONS *****

Location of spill:	Date of Spill:	
	Site Soil Type:	

Average Daily Production: BBL Oil BBL Water

·	Tota	I Area Calcul	ations		·	
Total Surface Area	width		length		wet soil depth	oil (%)
Rectangle Area #1	56 ft	X	85 ft	Χ	1 in	100%
Rectangle Area #2	0 ft	X	0 ft	X	0 in	0%
Rectangle Area #3	O ft	X	0 ft	Χ	0 in	0%
Rectangle Area #4	O ft	X	0 ft	Χ	0 in	0%
Rectangle Area #5	0 ft	X	0 ft	X	0 in	0%
Rectangle Area #6	O ft	X	0 ft	Χ	0 in	0%
Rectangle Area #7	O ft	X	0 ft	Χ	0 in	0%
Rectangle Area #8	0 ft	X	0 ft	X	0 in	0%
		X				

Porosity 0.16 gal per gal

Saturated So	il Volume Calculations:			
		<u>H2O</u>	OIL	i
Area #1	4760 sq. ft.	cu. ft.	397	cu. ft.
Area #2	0 sq. ft.	cu. ft.		cu. ft.
Area #3	0 sq. ft.	cu. ft.		cu. ft.
Area #4	0 sq. ft.	cu. ft.		cu. ft.
Area #5	0 sq. ft.	cu. ft.		cu. ft.
Area #6	0 sq. ft.	cu. ft.		cu. ft.
Area #7	0 sq. ft.	cu. ft.		cu. ft.
Area #8	0 sq. ft.	cu. ft.		cu. ft.
Total Solid/Liquid Volume:	4,760 sq. ft.	cu. ft.	397	cu. ft.
Estimated Vo	olumes Spilled			
		<u>H2O</u>	OIL	
Liquid ir	Soil:	0.0 BBL	11.3	BBL
Liquid Recov	ered:	<u>0.0</u> <u>BBL</u>	0.0	<u>BBL</u>
Spill I	_iquid	0.0 BBL	11.3	BBL
Total Spill L	iquid:	11.3	3	
Recovere	ed Volumes			
Estimated oil recovered:	0.0 BBL			
Stimated water recovered:	0.0 BBL			

Soil Type	Porosity
Clay	0.15
Peat	0.40
Glacial Sediments	0.13
Sandy Clay	0.12
Silt	0.16
Loess	0.25
ine Sand	0.16
Medium Sand	0.25
Coarse Sand	0.26
Gravely Sand	0.26
ine Gravel	0.26
Medium Gravel	0.25
Coarse Gravel	0.18
Sandstone	0.25
Siltstone	0.18
Shale	0.05
imestone	0.13
Basalt	0.19
/olcanic Tuff	0.20
Standing Liquids	

****** LIQUID SPILLS - VOLUME CALCULATIONS ******

BBL Water

Location of spill:	Da	ate of Spill:	
	Site	e Soil Type:	

Tota	I Area Calcul	ations			
width		length		wet soil depth	oil (%)
65 ft	Х	85 ft	Χ	2 in	0%
0 ft	X	0 ft	X	0 in	0%
0 ft	X	0 ft	Χ	0 in	0%
O ft	X	O ft	Χ	0 in	0%
0 ft	X	0 ft	X	0 in	0%
O ft	X	O ft	Χ	0 in	0%
O ft	X	O ft	Χ	0 in	0%
0 ft	X	0 ft	X	0 in	0%
	width 65 ft 0	width 65 ft X 0 ft X	65 ft X 85 ft 0 ft X 0 ft	width length 65 ft X 85 ft X 0 ft X 0 ft X	width length wet soil depth 65 ft X 85 ft X 2 in 0 ft X 0 ft X 0 in

Porosity 0.16 gal per gal

Average Daily Production:

Saturated	Soil Volume Calculations:			
		<u>H2O</u>	OIL	<u>.</u>
Area #1	5525 sq. ft.	921 cu. ft.		cu. ft.
Area #2	0 sq. ft.	cu. ft.		cu. ft.
Area #3	0 sq. ft.	cu. ft.		cu. ft.
Area #4	0 sq. ft.	cu. ft.		cu. ft.
Area #5	0 sq. ft.	cu. ft.		cu. ft.
Area #6	0 sq. ft.	cu. ft.		cu. ft.
Area #7	0 sq. ft.	cu. ft.		cu. ft.
Area #8	0 sq. ft.	cu. ft.		cu. ft.
Total Solid/Liquid Volume:	5,525 sq. ft.	921 cu. ft.		cu. ft.
Estimate	d Volumes Spilled			
		<u>H2O</u>	OIL	_
Liqu	id in Soil:	26.2 BBL	0.0	BBL
Liquid Re	covered :	<u>0.0</u> <u>BBL</u>	0.0	<u>BBL</u>
Sı	oill Liquid	26.2 BBL	0.0	BBL
· ·	ill Liquid:	26.2		
Recov	vered Volumes			
Estimated oil recovered:	0.0 BBL			
Estimated water recovered:	0.0 BBL			

BBL Oil

Soil Type	Porosity
Clay	0.15
Peat	0.40
Glacial Sediments	0.13
Sandy Clay	0.12
Silt	0.16
_oess	0.25
ine Sand	0.16
Medium Sand	0.25
Coarse Sand	0.26
Gravely Sand	0.26
ine Gravel	0.26
Medium Gravel	0.25
Coarse Gravel	0.18
Sandstone	0.25
Siltstone	0.18
Shale	0.05
_imestone	0.13
Basalt	0.19
/olcanic Tuff	0.20
Standing Liquids	

<u>District I</u> 1625 N. French Dr., Hobbs, NM 88240 Phone:(575) 393-6161 Fax:(575) 393-0720

District II 811 S. First St., Artesia, NM 88210 Phone:(575) 748-1283 Fax:(575) 748-9720

District III 1000 Rio Brazos Rd., Aztec, NM 87410 Phone:(505) 334-6178 Fax:(505) 334-6170

1220 S. St Francis Dr., Santa Fe, NM 87505 Phone:(505) 476-3470 Fax:(505) 476-3462

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

QUESTIONS

Action 293327

QUESTIONS

ı	Operator:	OGRID:
ı	Permian Resources Operating, LLC	372165
ı	1001 17th Street, Suite 1800	Action Number:
ı	Denver, CO 80202	293327
ı		Action Type:
ı		[C-141] Initial C-141 (C-141-v-Initial)

QUESTIONS

Prerequisites			
Incident ID (n#)	nAPP2334564703		
Incident Name	NAPP2334564703 WOODY FED COM CTB 1 @ 0		
Incident Type	Produced Water Release		
Incident Status	Initial C-141 Received		
Incident Facility	[fAPP2326349863] Woody 22 Fed Com CTB 1		

Location of Release Source				
Please answer all the questions in this group.				
Site Name	Woody Fed Com CTB 1			
Date Release Discovered	11/29/2023			
Surface Owner	Federal			

Incident Details					
Please answer all the questions in this group.					
Incident Type	Produced Water 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: Equipment Failure Separator Crude Oil Released: 11 BBL Recovered: 9 BBL Lost: 2 BBL.			
Produced Water Released (bbls) Details	Cause: Equipment Failure Separator Produced Water Released: 26 BBL Recovered: 19 BBL Lost: 7 BBL.			
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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State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr. **Santa Fe, NM 87505**

QUESTIONS, Page 2

Action 293327

Phone:(505) 476-3470 Fax:(505) 476-3462	
QUESTI	ONS (continued)
Operator: Permian Resources Operating, LLC	OGRID: 372165
1001 17th Street, Suite 1800 Denver, CO 80202	Action Number: 293327
Deliver, CO 60202	Action Type: [C-141] Initial C-141 (C-141-v-Initial)
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	Yes
Reasons why this would be considered a submission for a notification of a major release	From paragraph A. "Major release" determine using: (1) an unauthorized release of a volume, excluding gases, of 25 barrels or more.
With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e.	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 s	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	Not answered.
	ation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative of ted or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of valuation in the follow-up C-141 submission.
to report and/or file certain release notifications and perform corrective actions for releating the OCD does not relieve the operator of liability should their operations have failed to a	knowledge and understand that pursuant to OCD rules and regulations all operators are required asses which may endanger public health or the environment. The acceptance of a C-141 report by adequately investigate and remediate contamination that pose a threat to groundwater, surface t does not relieve the operator of responsibility for compliance with any other federal, state, or
I hereby agree and sign off to the above statement	Name: Montgomery Floyd Title: Environmental Manager Email: montgomery.floyd@permianres.com

Date: 12/11/2023

District I

QUESTIONS

storage site

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1000 Rio Brazos Rd., Aztec, NM 87410 Phone:(505) 334-6178 Fax:(505) 334-6170 **District IV** 1220 S. St Francis Dr., Santa Fe, NM 87505 Phone:(505) 476-3470 Fax:(505) 476-3462 State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

QUESTIONS, Page 3

Action 293327

QUESTIONS (continued)

Op	perator:	OGRID:
	Permian Resources Operating, LLC	372165
	1001 17th Street, Suite 1800	Action Number:
	Denver, CO 80202	293327
		Action Type:
		[C-141] Initial C-141 (C-141-v-Initial)

Site Characterization 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. 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 Not answered for domestic or stock watering purposes 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.

Remediation Plan		
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.		
Requesting a remediation plan approval with this submission	No	
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.		

Not answered.

Did the release impact areas not on an exploration, development, production, or

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CONDITIONS

Action 293327

CONDITIONS

Operator:	OGRID:
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1001 17th Street, Suite 1800	Action Number:
Denver, CO 80202	293327
	Action Type:
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CONDITIONS

Created By	Condition	Condition Date
nvelez	None	12/13/2023