Received by OCD: 10/28/2025 9:46:50 AM Spill Calculation - On-Pad Surface Pool Spill Page 1 of 5										
Convert Irregular shape into a series of rectangles		Width (ft.)	Average Depth (in.)	Estimated <u>Pool</u> Area (sq. ft.)	Estimated volume of each pool area (bbl.)	Penetration allowance (ft.)	Total Estimated Volume of Spill (bbl.)	Percentage of Oil if Spilled Fluid is a Mixture (%.)	Total Estimated Volume of Spilled Oil (bbl.)	Total Estimated Volume of Spilled Liquid other than Oil (bbl.)
Rectangle A	95	18	0.5	1710.00	12.68	0.00	12.71		0.38	12.33
Rectangle B	25	10	0.5	250.00	1.85	0.00	1.86		0.06	1.80
Rectangle C	25	10	0.5	250.00	1.85	0.00	1.86		0.06	1.80
Rectangle D	25	10	0.5	250.00	1.85	0.00	1.86		0.06	1.80
Rectangle E	25	10	0.5	250.00	1.85	0.00	1.86	3%	0.06	1.80
Rectangle F	25	6	0.5	150.00	1.11	0.00	1.11	376	0.03	1.08
Rectangle G	25	6	0.2	150.00	0.45	0.00	0.45		0.01	0.43
Rectangle H	25	10	0.2	250.00	0.74	0.00	0.74		0.02	0.72
Rectangle I	25	10	0.2	250.00	0.74	0.00	0.74		0.02	0.72
Rectangle J		Ĵ		0.00	0.00	0.00	0.00		0.00	0.00
Released to Imaging: 10/29/2	025 10.4	6.22 474					00 0005			
Released to Imaging. 10/29/2	023 10.4	U. 44 /1/VI		Total	Volume Release, So	oil not impacted:	22.0265		0.6608	21.3657

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 520556

QUESTIONS

Operator:	OGRID:
COG OPERATING LLC	229137
600 W Illinois Ave	Action Number:
Midland, TX 79701	520556
	Action Type:
	[C-141] Initial C-141 (C-141-v-Initial)

QUESTIONS

Prerequisites			
Incident ID (n#)	nAPP2530134764		
Incident Name	NAPP2530134764 GIN AND TECTONIC FEDERAL 5 O SOUTH CTB @ FAPP2417647408		
Incident Type	Release Other		
Incident Status	Initial C-141 Received		
Incident Facility	[fAPP2417647408] GIN AND TECTONIC FED 5 O SOUTH CTB		

Location of Release Source			
Please answer all the questions in this group.			
Site Name	Gin and Tectonic Federal 5 O South CTB		
Date Release Discovered	10/21/2025		
Surface Owner	Federal		

Incident Details			
Please answer all the questions in this group.			
Incident Type	Release Other		
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 fo	or the volumes provided should be attached to the follow-up C-141 submission.
Crude Oil Released (bbls) Details	Cause: Equipment Failure Dump Line Crude Oil Released: 1 BBL Recovered: 1 BBL Lost: 0 BBL.
Produced Water Released (bbls) Details	Cause: Equipment Failure Dump Line Produced Water Released: 21 BBL Recovered: 21 BBL Lost: 0 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	Yes
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 520556

QUESTIONS (continued)

Operator: COG OPERATING LLC		OGRID: 229137		
600 W Illinois Ave		Action Number:		
Midland, TX 79701		520556		
		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 vo	olumes 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.	e. gas only) are to be submitted on th	ne 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 inju	ry.		
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.			
Per Paragraph (4) of Subsection B of 19.15.29.8 NMAC the responsible party may commence remed actions to date in the follow-up C-141 submission. If remedial efforts have been successfully comple Subsection A of 19.15.29.11 NMAC), please prepare and attach all information needed for closure e	ted or if the release occurred within a	lined containment area (see Subparagraph (a) of Paragraph (5) of		
I hereby certify that the information given above is true and complete to the best of my to report and/or file certain release notifications and perform corrective actions for releate the OCD does not relieve the operator of liability should their operations have failed to water, human health or the environment. In addition, OCD acceptance of a C-141 report local laws and/or regulations.	ases which may endanger public adequately investigate and remo	c health or the environment. The acceptance of a C-141 report by ediate contamination that pose a threat to groundwater, surface		
I hereby agree and sign off to the above statement	Name: Brittany Esparza Title: Environmental Technici Email: brittany.Esparza@Col Date: 10/28/2025			

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QUESTIONS, Page 3

Action 520556

QUESTIONS (continued)

Operator:	OGRID:
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600 W Illinois Ave	Action Number:
Midland, TX 79701	520556
	Action Type:
	[C-141] Initial C-141 (C-141-v-Initial)
QUESTIONS	

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 Not answered. release in feet below ground surface (ft bgs) 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. 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 A 100-year floodplain Not answered. Did the release impact areas not on an exploration, development, production, or Not answered. storage site

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.				

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CONDITIONS

Action 520556

CONDITIONS

Operator:	OGRID:
COG OPERATING LLC	229137
600 W Illinois Ave	Action Number:
Midland, TX 79701	520556
	Action Type:
	[C-141] Initial C-141 (C-141-v-Initial)

CONDITIONS

Created By	y Condition	Condition Date
scwells	None	10/29/2025