

Well Name	Well Test Dat	Oil Rate	Water Rate	Gas Rate (mscf/d)	GOR Scf/bbl	GOR weight
POKER LAKE UNIT 25 BD 126H	5/7/2025	83	627	2487	29923.72474	2487.26
POKER LAKE UNIT 25 BD 905H	4/30/2025	83	320	879	10553.75375	878.6
POKER LAKE UNIT 25 BD 907H	5/6/2025	53	274	179	3364.493027	178.52
POKER LAKE UNIT 25 BD 127H	3/24/2025	85	335	768	9026.6651	768.44
POKER LAKE UNIT 25 BD 108H	5/7/2025	144	807	3249	22520.58783	3248.82
		449	2364	7562		7561.64

**Weighted GOR** **16847.82318** Scf/bbl

**Spill volume** **112** bbls

**Duration (hrs)** **12** hrs

**scf/bbl of fluid** **2688.61179** Scf/bbl



### Certificate of Analysis

Number: 6030-25010229-008A

### Artesia Laboratory

200 E Main St.  
Artesia, NM 88210  
Phone 575-746-3481

Station Name: PLU\_25\_Brushy\_Draw\_East\_Satellite\_CM  
Station Number: DBPL0445G  
Sampling Method:  
Heating Method:  
Method: GPA 2286  
Cylinder No: 1111-008022  
Instrument: 6030\_GC2 (Agilent GC-7890B)  
Last Inst. Cal.: 10/29/2024 09:06:43  
Analyzed: 01/16/2025 12:41:16 by EBH

Report Date: 01/17/2025  
Sampled By: Michael Sanders  
Sample Of: Gas  
Sample Type: Spot  
Sample Date: 01/06/2025 10:04  
Sample Conditions: 63.69 psig, @ 71.19 °F  
Received Date: 01/14/2025  
Login Date: 01/14/2025  
Effective Date: 01/06/2025 10:04  
Flow Rate: 16028.2 SCFD

### Analytical Data

Components	Un-normalized Mol %	Mol. %	Wt. %	GPM at 14.73 psia	
Hydrogen Sulfide	0.0000	0.0000	0.0000		GPM TOTAL C2+ 6.736
Nitrogen	0.5490	0.5630	0.6880		GPM TOTAL C3+ 3.687
Methane	74.8690	76.8020	53.7520		GPM TOTAL iC5+ 1.458
Carbon Dioxide	0.1830	0.1880	0.3610		
Ethane	11.0660	11.3520	14.8910	3.049	
Propane	4.8750	5.0010	9.6200	1.383	
Iso-butane	0.8150	0.8360	2.1200	0.275	
n-Butane	1.7600	1.8050	4.5770	0.571	
Iso-pentane	0.5010	0.5140	1.6180	0.188	
n-Pentane	0.5870	0.6020	1.8950	0.220	
Hexanes Plus	2.2780	2.3370	10.4780	1.050	
	97.4830	100.0000	100.0000	6.736	

### Calculated Physical Properties

	Total	C6+
Relative Density Real Gas	0.7947	3.5518
Calculated Molecular Weight	22.92	102.87
Compressibility Factor	0.9956	
<b>GPA 2172 Calculation:</b>		
<b>Calculated Gross BTU per ft<sup>3</sup> @ 14.73 psia &amp; 60°F</b>		
Real Gas Dry BTU	1371.6	5542.8
Water Sat. Gas Base BTU	1347.8	5446.3
Ideal, Gross HV - Dry at 14.73 psia	1365.6	5542.8
Ideal, Gross HV - Wet	1341.8	0.000

**Comments:** H2S Field Content: 0 ppm



Total Fluid	oil cut	oil weighting
710	0.117014387	83.12
403	0.206401547	83.25
327	0.162124175	53.06
420	0.202598824	85.13
951	0.151641929	144.26
<b>0.167956173</b>		
2812		448.82

**Weighted Oil cut**                      **15.958%**

**Gas Release Vol**                      **301.1245204** Mscf  
**Gas Release Rate**                      25.09371004 Mscf/hr  
**MW**                                      22.92 lb/lbmol  
**Methane %**                              53.752  
**VOC%**                                      30.308  
**Gas Released**                      17919.23878 lbs  
**Methane Released**                      9631.949229 lbs  
**VOCs Released**                      5430.962889 lbs

<b>Location:</b>	<b>PLU 25 BD East Satellite</b>	
<b>Spill Date:</b>	<b>5/14/2025</b>	
<b>Incident #:</b>		
<b>Area 1</b>		
Approximate Area =	7298	sq. ft.
Average Saturation (or depth) of spill =	0.75	inches
Average Porosity Factor =	0.15	
VOLUME OF LEAK		
Total Crude Oil =	13.00	bbls
Total Produced Water =	99.00	bbls
<b>Area 2</b>		
Approximate Area =		sq. ft.
Average Saturation (or depth) of spill =		inches
VOLUME OF LEAK		
Total Crude Oil =		bbls
Total Produced Water =		bbls
<b>TOTAL VOLUME OF LEAK</b>		
<b>Total Crude Oil =</b>	<b>13.00</b>	<b>bbls</b>
<b>Total Produced Water =</b>	<b>99.0</b>	<b>bbls</b>
<b>TOTAL VOLUME RECOVERED</b>		
<b>Total Crude Oil =</b>	<b>12.00</b>	<b>bbls</b>
<b>Total Produced Water =</b>	<b>88</b>	<b>bbls</b>

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 463567

**QUESTIONS**

Operator: XTO ENERGY, INC 6401 Holiday Hill Road Midland, TX 79707	OGRID: 5380
	Action Number: 463567
	Action Type: [C-141] Initial C-141 (C-141-v-Initial)

**QUESTIONS**

Prerequisites	
Incident ID (n#)	nAPP2513529307
Incident Name	NAPP2513529307 PLU 25 BD EAST SAT @ 0
Incident Type	Release Other
Incident Status	Initial C-141 Received

**Location of Release Source**

Please answer all the questions in this group.

Site Name	PLU 25 BD East Sat
Date Release Discovered	05/14/2025
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 for the volumes provided should be attached to the follow-up C-141 submission.

Crude Oil Released (bbls) Details	Cause: Corrosion   Flow Line - Production   Crude Oil   Released: 13 BBL   Recovered: 12 BBL   Lost: 1 BBL.
Produced Water Released (bbls) Details	Cause: Corrosion   Flow Line - Production   Produced Water   Released: 99 BBL   Recovered: 88 BBL   Lost: 11 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	Cause: Corrosion   Flow Line - Production   Natural Gas Vented   Released: 112 MCF   Recovered: 0 MCF   Lost: 112 MCF.
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 463567

**QUESTIONS (continued)**

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**QUESTIONS**

<b>Nature and Volume of Release (continued)</b>	
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. 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	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 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: Colton Brown Title: Environmental Advisor Email: colton.s.brown@exxonmobil.com Date: 05/15/2025
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QUESTIONS, Page 3

Action 463567

**QUESTIONS (continued)**

Operator: XTO ENERGY, INC 6401 Holiday Hill Road Midland, TX 79707	OGRID: 5380
	Action Number: 463567
	Action Type: [C-141] Initial C-141 (C-141-v-Initial)

**QUESTIONS**

<b>Site Characterization</b>	
<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.
<b>What is the minimum distance, between the closest lateral extents of the release and the following surface areas:</b>	
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.

<b>Remediation Plan</b>	
<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 463567

CONDITIONS

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CONDITIONS

Created By	Condition	Condition Date
scott.rodgers	None	5/15/2025