

## Site Receptor Map

XTO Energy, Inc  
Shanghai Rooster 15-3 Fed 105H  
Incident Number: nAPP2400450611  
Unit O, Sec 15, T 25S, R 29E  
Eddy County, New Mexico

**FIGURE**

**1**



## New Mexico Site Characterization

## REFERENCE

C-141
C-141
C-141
C-141
NMOCD O&G Map

## SITE INFORMATION

Site Name:	Shanghai Rooster 15-3 Fed 105H
Coordinates:	32.12367, -103.97186
Incident Number:	nAPP2400450611
Land Owner:	Federal
Site Elevation (ft):	3,072

## COMMENTS

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## DTW INFORMATION

Cross reference USGS Map, NMOCD Map, and NMOSE Database
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Closest Water Well/Soil Boring		2nd Closest Water Well/Soil Boring	
CLOSER		FALSE	
Name:	C-02371	Name:	USDS 320739103584201
Distance from Site (ft):	1,743	Distance from Site (ft):	2,503
Direction from Site:	North	Direction from Site:	Northwest
Elevation:	3,053	Elevation:	3,017
DTW (ft):	60	DTW (ft):	140.9
Total Depth (ft):	200	Total Depth (ft):	192
Date of most recent water level measurement:	3/16/1995	Date of most recent water level measurement:	1/29/1998
Coordinates:	32.12823, -103.97444	Coordinates:	32.1276, -103.9788
19 feet lower in elevation than the Site		55 feet lower in elevation than the Site	
ESTIMATED DTW @ SITE: 50-100'			

## COMMENTS

6,986 ft Southeast, C-04558, 07/27/2021, TD of 109ft, Dry Hole
Pecos River

## CLOSEST SIGNIFICANT WATER SOURCE

NMOCD O&G Map
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Type:	River
Distance (ft):	14,000
Direction:	West

## SITE RECEPTORS

C-141
NMOCD O&G Map
NMOCD O&G Map
OpenEnviroMap
NMOCD O&G Map
NMOCD O&G Map
OpenEnviroMap
National Wetlands Inventory
NMED Registered Mines Map
NMOCD O&G Map
NMOCD O&G Map
FEMA map
C-141

NO	Did this release impact groundwater or surface water?
NO	≤ 300 ft of a continuously flowing watercourse or any other significant watercourse?
NO	≤ 200 ft of any lakebed, sinkhole, or playa lake?
NO	≤ 300 ft of an occupied permanent residence, school, hospital, institution, or church?
NO	≤ 500 ft of a spring or a private water well used by < 5 houses for domestic or stock watering?
NO	≤ 1000 ft of any other fresh water well or spring?
NO	≤ Municipal boundaries or a defined municipal fresh water well field
NO	≤ 300 ft of a wetland?
NO	overlying a subsurface mine
NO	overlying unstable geology (HIGH KARST)?
Low	karst potential
NO	in a 100-year floodplain?
NO	Did the release impact areas not on an exploration, development, production or storage site?

## Distance from Site (ft) / Comments

1,778	Riverine, East
11,424	South
> 5 miles	
1,743	Stock Watering, North
1,743	Stock Watering, North
42,589	Malaga, Northwest
7,297	South
89,584	Nash Draw Mine, North
	17,834 ft to high karst
6,394	Northwest

## NMOCD TABLE 1 CLOSURE CRITERIA

FALSE

DRO+ GRO: 1,000 mg/kg    TPH: 2,500 mg/kg    Chlorides: 10,000 mg/kg



# New Mexico Office of the State Engineer

## Point of Diversion Summary

(quarters are 1=NW 2=NE 3=SW 4=SE)  
 (quarters are smallest to largest) (NAD83 UTM in meters)

Well Tag	POD Number	Q64	Q16	Q4	Sec	Tws	Rng	X	Y
C	02371	2	3	15	25S	29E	596741	3555106*	

**Driller License:** 1259 **Driller Company:** CAMPBELL DRILLING

**Driller Name:** CAMPBELL, MICHAEL R.

**Drill Start Date:** 01/12/1995

**Drill Finish Date:** 01/24/1995

**Plug Date:**

**Log File Date:** 02/01/1995

**PCW Rcv Date:**

**Source:** Shallow

**Pump Type:**

**Pipe Discharge Size:**

**Estimated Yield:** 20 GPM

**Casing Size:** 7.00

**Depth Well:** 200 feet

**Depth Water:** 60 feet

### Water Bearing Stratifications:

**Top Bottom Description**

162 200 Sandstone/Gravel/Conglomerate

### Casing Perforations:

**Top Bottom**

140 200

\*UTM location was derived from PLSS - see Help

The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.

2/15/24 10:07 AM

Page 1 of 1

POD SUMMARY - C 02371



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## National Water Information System: Web Interface

USGS Water Resources

Data Category:

Groundwater

Geographic Area:

United States

GO

Click to hide News Bulletins

- Explore the *NEW* [USGS National Water Dashboard](#) interactive map to access real-time water data from over 13,500 stations nationwide.

Groundwater levels for the Nation



Important: [Next Generation Monitoring Location Page](#)

### Search Results -- 1 sites found

Agency code = usgs

site\_no list =

- 320739103584201

Minimum number of levels = 1

[Save file of selected sites](#) to local disk for future upload

### USGS 320739103584201 25S.29E.15.31134

Available data for this site

Groundwater: Field measurements

GO

Eddy County, New Mexico

Hydrologic Unit Code 13060011

Latitude 32°07'39", Longitude 103°58'42" NAD27

Land-surface elevation 3,017 feet above NAVD88

The depth of the well is 192 feet below land surface.

This well is completed in the Other aquifers (N9999OTHER) national aquifer.

This well is completed in the Rustler Formation (312RSLR) local aquifer.

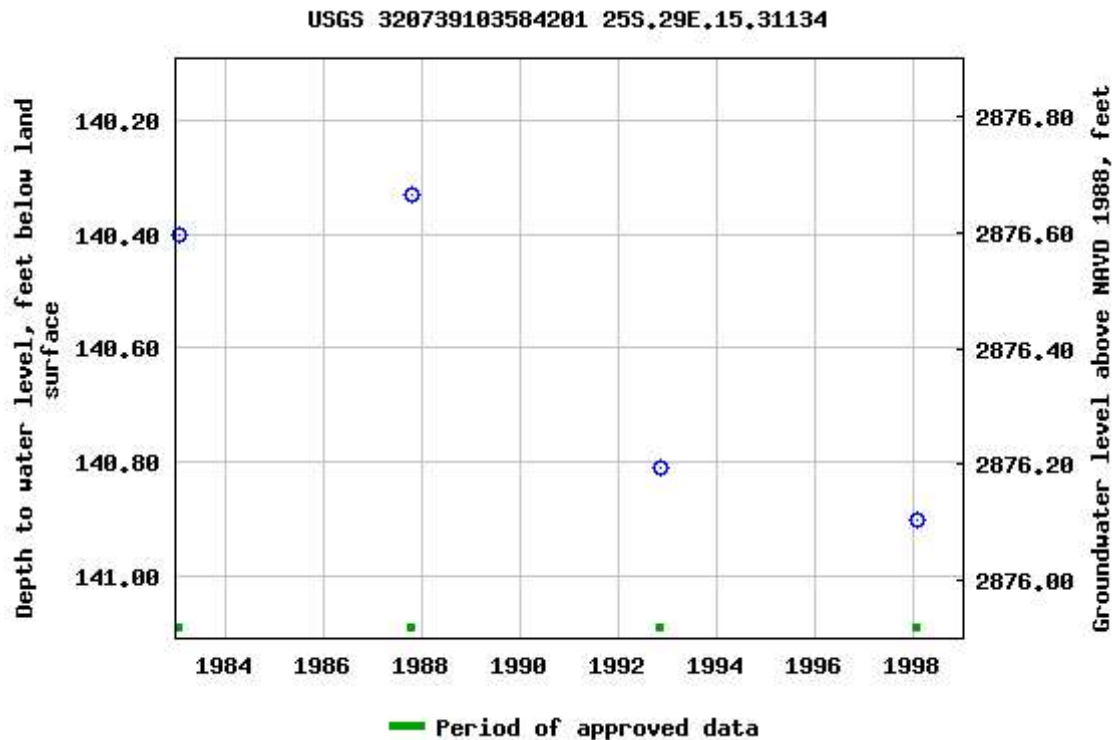
#### Output formats

[Table of data](#)

[Tab-separated data](#)

[Graph of data](#)

[Reselect period](#)



Breaks in the plot represent a gap of at least one year between field measurements.

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**Title: Groundwater for USA: Water Levels**

**URL: <https://nwis.waterdata.usgs.gov/nwis/gwlevels?>**



Page Contact Information: [USGS Water Data Support Team](#)

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0.53 0.47 nadww01

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**District IV**  
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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 356635

QUESTIONS

Operator: XTO ENERGY, INC 6401 Holiday Hill Road Midland, TX 79707	OGRID: 5380
	Action Number: 356635
	Action Type: [C-141] Initial C-141 (C-141-v-Initial)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2400450611
Incident Name	NAPP2400450611 SHANGHAI ROOSTER 15-3 FED 105H @ 0
Incident Type	Release Other
Incident Status	Initial C-141 Approved

Location of Release Source

Please answer all the questions in this group.

Site Name	Shanghai Rooster 15-3 Fed 105H
Date Release Discovered	12/20/2023
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	Not answered.
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	Cause: Equipment Failure   Well   Other (Specify)   Released: 87 BBL   Recovered: 80 BBL   Lost: 7 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)	Water Based Drilling Mud

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QUESTIONS, Page 2

Action 356635

**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: Garrett Green Title: SHE Coordinator Email: garrett.green@exxonmobil.com Date: 01/04/2024
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QUESTIONS, Page 3

Action 356635

**QUESTIONS (continued)**

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	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 release in feet below ground surface (ft bgs)	Between 51 and 75 (ft.)
What method was used to determine the depth to ground water	NM OSE iWaters Database Search
Did this release impact groundwater or surface water	No
<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	Between 1000 (ft.) and ½ (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Between 1 and 5 (mi.)
An occupied permanent residence, school, hospital, institution, or church	Greater than 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Between 1000 (ft.) and ½ (mi.)
Any other fresh water well or spring	Between 1000 (ft.) and ½ (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 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	Low
A 100-year floodplain	Between 1 and 5 (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	No

**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 356635

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Operator: XTO ENERGY, INC 6401 Holiday Hill Road Midland, TX 79707	OGRID: 5380
	Action Number: 356635
	Action Type: [C-141] Initial C-141 (C-141-v-Initial)

CONDITIONS

Created By	Condition	Condition Date
rhamlet	Extension Approved	6/24/2024