



New Mexico Site Characterization

REFERENCE

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

SITE INFORMATION

Site Name:

Corral Canyon 8 Satellite Battery

Coordinates:

32.142706,-104.006366

Incident Number:

nAPP2407338357

Land Owner:

Federal

Site Elevation (ft):

2,967

COMMENTS

Cross reference USGS Map, NMOCD Map, and NMOSE Database

DTW INFORMATION

Closest Water Well/Soil Boring

2nd Closest Water Well/Soil Boring

CLOSER

FALSE

Name:

C-2518

Name:

C-4503 POD 1

Distance from Site (ft):

1,384

Distance from Site (ft):

4,211

Direction from Site:

SE

Direction from Site:

SE

Elevation:

2,967

Elevation:

3,007

DTW (ft):

462

DTW (ft):

110

Total Depth (ft):

462

Total Depth (ft):

110

Date of most recent water level measurement:

6/2/1997

Date of most recent water level measurement:

4/19/2021

Coordinates:

32.13923, -104.00448

Coordinates:

32.13772, -103.99400

0 feet higher in elevation than the Site

40 feet higher in elevation than the Site

ESTIMATED DTW @ SITE:

>100'

COMMENTS

NMOCD O&G Map

CLOSEST SIGNIFICANT WATER SOURCE

Type:

Dry Wash

Distance (ft):

736

Direction:

South

COMMENTS

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

SITE RECEPTORS

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)?

Medium

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

2,710

17,827

20,578

7,908

10,181

29,312

1,700

20,143

5,908

1,509

NMOCD TABLE 1 CLOSURE CRITERIA

TPH: 100 mg/kg Chlorides: 600 mg/kg

FALSE

Released to Imaging: 8/20/2024 7:52:25 AM

STATE ENGINEER OFFICE

WELL RECORD

465788

Revised June 1972

Section 1. GENERAL INFORMATION

(A) Owner of well Penwell Energy
Street or Post Office Address c/o Glenn's Water Well Service
City and State P.O. Box 692 Tatum, NM 88267

OFFICE OF
STATE ENGINEER
SANTA FE, NEW MEXICOOwner's Well No. 99

FEB 1 PM 1 29

Well was drilled under Permit No. C-2518 and is located in the:a. 1/4 1/4 SW 1/4 SE 1/4 of Section 8 Township 25 Range 29 N.M.P.M.

b. Tract No. _____ of Map No. _____ of the _____

c. Lot No. _____ of Block No. _____ of the _____
Subdivision, recorded in _____ County.d. X= _____ feet, Y= _____ feet, N.M. Coordinate System _____ Zone in
the _____ Grant.(B) Drilling Contractor Glenn's Water Well Service License No. WD -421Address P.O. Box 692 Tatum, NM 88267Drilling Began 6-2-97 Completed 6-2-97 Type tools rotary Size of hole 7 7/8 in.Elevation of land surface or _____ at well is _____ ft. Total depth of well 462 ft.Completed well is ☒ shallow ☐ artesian. Depth to water upon completion of well _____ ft.

Section 2. PRINCIPAL WATER-BEARING STRATA

| Depth in Feet | | Thickness in Feet | Description of Water-Bearing Formation | Estimated Yield (gallons per minute) |
|---------------|----|----------------------|--|---|
| From | To | | | |
| | | | dry hole | |
| | | | | |
| | | | | |
| | | | | |

Section 3. RECORD OF CASING

| Diameter (inches) | Pounds per foot | Threads per in. | Depth in Feet | | Length (feet) | Type of Shoe | Perforations | |
|----------------------|--------------------|--------------------|---------------|--------|------------------|--------------|--------------|----|
| | | | Top | Bottom | | | From | To |
| | | | none | | | | | |
| | | | | | | | | |
| | | | | | | | | |

Section 4. RECORD OF MUDDING AND CEMENTING

| Depth in Feet | | Hole Diameter | Sacks of Mud | Cubic Feet of Cement | Method of Placement |
|---------------|----|------------------|-----------------|-------------------------|---------------------|
| From | To | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

Section 5. PLUGGING RECORD

Plugging Contractor well was back filled with cuttingAddress and drilling mud

Plugging Method _____

Date Well Plugged _____

Plugging approved by: _____

State Engineer Representative

| No. | Depth in Feet | | Cubic Feet of Cement |
|-----|---------------|--------|-------------------------|
| | Top | Bottom | |
| 1 | 0 | 460 | cutting & mud |
| 2 | | | |
| 3 | | | |
| 4 | | | |

FOR USE OF STATE ENGINEER ONLY

Date Received 06-10-97

Quad _____ FWL _____ FSL _____

File No. C-2518 Use OWD Location No. 25S.29E.8.43412
"Dry Hole"

Section 6. LOG OF HOLE

[illegible]

Section 7. REMARKS AND ADDITIONAL INFORMATION

The undersigned hereby certifies that, to the best of his knowledge and belief, the foregoing is a true and correct record of the above described hole.

Corky J. Grew
Driller

INSTRUCTIONS: This form should be executed in triplicate, preferably typewritten, and submitted to the appropriate district office of the State Engineer. All sections, except Section 5, shall be answered as completely and accurately as possible when any well is drilled, repaired or deepened. When this form is used as a plugging record, only Section 1(a) and Section 5 need be completed.

District I
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
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

Action 372344

QUESTIONS

| | |
|---|---|
| Operator: XTO ENERGY, INC 6401 Holiday Hill Road Midland, TX 79707 | OGRID: 5380 |
| | Action Number: 372344 |
| | Action Type: [C-141] Initial C-141 (C-141-v-Initial) |

QUESTIONS

| | |
|----------------------|--|
| Prerequisites | |
| Incident ID (n#) | nAPP2407338357 |
| Incident Name | NAPP2407338357 CORRAL CANYON 8 SATELLITE @ 0 |
| Incident Type | Other |
| Incident Status | Initial C-141 Approved |

Location of Release Source

Please answer all the questions in this group.

| | |
|-------------------------|---------------------------|
| Site Name | Corral Canyon 8 Satellite |
| Date Release Discovered | 02/25/2024 |
| Surface Owner | Federal |

Incident Details

Please answer all the questions in this group.

| | |
|--|-------|
| Incident Type | 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 Other (Specify) Crude Oil Released: 0 BBL Recovered: 0 BBL Lost: 0 BBL. |
| Produced Water Released (bbls) Details | Cause: Corrosion Other (Specify) Produced Water Released: 7 BBL Recovered: 4 BBL Lost: 3 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) | Corrosion on V-89103 tester water line |

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QUESTIONS, Page 2

Action 372344

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 | Spill occurred outside of containment |

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: Alan Romero Title: Regulatory Analyst Email: alan.romero1@exxonmobil.com Date: 03/13/2024 |
|--|--|

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QUESTIONS, Page 3

Action 372344

QUESTIONS (continued)

| | |
|---|---|
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| | Action Type: [C-141] Initial C-141 (C-141-v-Initial) |

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 | NM OSE iWaters Database Search |
| 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 | Between ½ and 1 (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 | 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 | Greater than 5 (mi.) |
| A wetland | Between 1000 (ft.) and ½ (mi.) |
| A subsurface mine | Between 1 and 5 (mi.) |
| An (non-karst) unstable area | Between 1 and 5 (mi.) |
| Categorize the risk of this well / site being in a karst geology | Medium |
| A 100-year floodplain | Between 1000 (ft.) and ½ (mi.) |
| Did the release impact areas not on an exploration, development, production, or storage site | No |

| | |
|---|----|
| 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

Action 372344

CONDITIONS

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CONDITIONS

| | | |
|------------|-----------|----------------|
| Created By | Condition | Condition Date |
| rhamlet | None | 8/20/2024 |