Page 3

Oil Conservation Division

| | Page 1 of 5 | 4 |
|----------------|---------------|---|
| Incident ID | nOY1823248863 | |
| District RP | 1RP-5161 | |
| Facility ID | | |
| Application ID | | |

Site Assessment/Characterization

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? | <u>195 (ft bgs)</u> |
|---|---------------------|
| Did this release impact groundwater or surface water? | 🗌 Yes 🛛 No |
| Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse? | 🗌 Yes 🛛 No |
| Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)? | 🗌 Yes 🛛 No |
| Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church? | 🗌 Yes 🛛 No |
| Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes? | 🗌 Yes 🛛 No |
| Are the lateral extents of the release within 1000 feet of any other fresh water well or spring? | 🗌 Yes 🛛 No |
| Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field? | 🗌 Yes 🛛 No |
| Are the lateral extents of the release within 300 feet of a wetland? | 🗌 Yes 🛛 No |
| Are the lateral extents of the release overlying a subsurface mine? | 🗌 Yes 🛛 No |
| Are the lateral extents of the release overlying an unstable area such as karst geology? | 🗌 Yes 🛛 No |
| Are the lateral extents of the release within a 100-year floodplain? | 🗌 Yes 🛛 No |
| Did the release impact areas not on an exploration, development, production, or storage site? | 🗌 Yes 🔀 No |

Attach a comprehensive report (electronic submittals in .pdf format are preferred) demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined. Refer to 19.15.29.11 NMAC for specifics.

Characterization Report Checklist: Each of the following items must be included in the report.

- Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells. Field data
- \square Field dat
- Data table of soil contaminant concentration data
- Depth to water determination
- Determination of water sources and significant watercourses within ¹/₂-mile of the lateral extents of the release
- Boring or excavation logs
- Photographs including date and GIS information
- Topographic/Aerial maps
- Laboratory data including chain of custody

If the site characterization report does not include completed efforts at remediation of the release, the report must include a proposed remediation plan. That plan must include the estimated volume of material to be remediated, the proposed remediation technique, proposed sampling plan and methods, anticipated timelines for beginning and completing the remediation. The closure criteria for a release are contained in Table 1 of 19.15.29.12 NMAC, however, use of the table is modified by site- and release-specific parameters.

| Received by OCD: 12/6/2022 3:20:01 PM State of New MexicoPage 4Oil Conservation Division | | Incident ID District RP Facility ID Application ID | Page 2 of 54 nOY1823248863 1RP-5161 |
|--|--|--|---|
| I hereby certify that the information given above is true and complete to the regulations all operators are required to report and/or file certain release noti public health or the environment. The acceptance of a C-141 report by the C failed to adequately investigate and remediate contamination that pose a three addition, OCD acceptance of a C-141 report does not relieve the operator of and/or regulations. | fications and perform co OCD does not relieve the at to groundwater, surfa | prrective actions for rele e operator of liability sho ce water, human health liance with any other feo | ases which may endanger ould their operations have or the environment. In |
| Printed Name: Dale Woodall Signature: Dale Woodall | | | |
| | Date: <u>12/6/2022</u> | | |
| email: | Telephone:575-74 | | |

Closure

The responsible party must attach information demonstrating they have complied with all applicable closure requirements and any conditions or directives of the OCD. This demonstration should be in the form of a comprehensive report (electronic submittals in .pdf format are preferred) including a scaled site map, sampling diagrams, relevant field notes, photographs of any excavation prior to backfilling, laboratory data including chain of custody documents of final sampling, and a narrative of the remedial activities. Refer to 19.15.29.12 NMAC.

| <u>Closure Report Attachment Checklist</u> : Each of the following it | items must be included in the closure report. | | | | | |
|---|--|--|--|--|--|--|
| \square A scaled site and sampling diagram as described in 19.15.29. | 11 NMAC | | | | | |
| Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection) **No remediation necessary | | | | | | |
| | C District office must be notified 2 days prior to final sampling) | | | | | |
| Description of remediation activities | | | | | | |
| | | | | | | |
| and regulations all operators are required to report and/or file certai may endanger public health or the environment. The acceptance of should their operations have failed to adequately investigate and ren human health or the environment. In addition, OCD acceptance of | ations. The responsible party acknowledges they must substantially inditions that existed prior to the release or their final land use in | | | | | |
| Printed Name: Dale Woodall | Title: Env. Professional | | | | | |
| Signature: Dale Woodall | Date: | | | | | |
| email:dale.woodall@dvn.com | Telephone:575-748-1838 | | | | | |
| | | | | | | |
| OCD Only | | | | | | |
| Received by: Jocelyn Harimon | Date: 12/06/2022 | | | | | |
| | of liability should their operations have failed to adequately investigate and water, human health, or the environment nor does not relieve the responsible for regulations. | | | | | |
| Closure Approved by: <u>Ashley Maxwell</u> | Date: 2/03/2023 | | | | | |
| Printed Name: Ashley Maxwell | Title: Environmental Specialist | | | | | |
| | | | | | | |



September 9, 2019

NMOCD District 1 1625 N. French Drive Hobbs, New Mexico 88240

To Whom it May Concern:

M&M Excavating, Inc. (MMX) has prepared this Remediation Closure Report for Devon Energy Production Company that describes the remediation of a release of liquids at the Thistle Unit 111H location. The site is in Unit A, Section 22, Township 23S, Range 33E, Latitude 32.296956, Longitude -103.552832, Lea County, New Mexico, on State land. Figure 1 provides the vicinity and site location on an USGS 7.5-minute quadrangle map.

Site Information and Closure Criteria

The Thistle Unit 111H is located approximately thirty-two (32) miles east of Loving, New Mexico on State land at an elevation of approximately 3,710 feet above mean sea level (amsl).

Based upon well water data. (Appendix B), depth to groundwater in the area is estimated to be between 195 and 267 feet below grade surface (bgs). There are no known water wells within ½ mile of the location, according to the New Mexico Office of the State Engineer (NMOSE) and the United States Geological Survey (USGS). The nearest significant watercourse is an unnamed intermittent stream located approximately 1,500 feet to the northeast.

The applicable NMOCD Closure Criteria for groundwater is greater than 100 feet bgs. The site has been restored to meet the standards of Table I of 19.15.29.12 NMAC.

Table 2 demonstrates the Closure Criteria applicable to this location. Pertinent well data is attached in Appendix B.

| Release Information and Closure Criteria | | | | | | | |
|--|-------------------------------------|------------------|---|--|--|--|--|
| Name | | Thistle Unit 111 | Н | | | | |
| API Number | | 30-025-44418 | | | | | |
| Incident Number | | 1RP-5161 | | | | | |
| Source of Release | Frac tank | | | | | | |
| Released Material | Produced Released 14.26 BBLS Volume | | | | | | |
| Recovered Volume | 0 BBLS Net Release 14.26 BBLS | | | | | | |
| NMOCD Closure Criteria | >100 feet to groundwater | | | | | | |

Thistle Unit 111H

Release Information

On July 30, 2018, a release was discovered at the Thistle Unit 111H site due to a frac tank hauler overfilling the produced water tank onto the pad. Initial response activities were conducted by the operator and included source elimination and site containment. Figures 1 and 2 illustrate the vicinity and site location. Figure 3 illustrates the release location. The C-141 form is included in Appendix A.

Release Characterization and Remediation Activities

On August 20, 2019, MMX personnel arrived on site in response to the release associated with Thistle Unit 111H. In order to assess existing site contamination, MMX collected soil samples around the 40-foot by 80-foot release. A total of eight (8) samples (L1-L8), were collected at the surface and at one (1) foot bgs for laboratory analysis for total chloride using EPA Method 300.0; benzene, toluene, ethylbenzene and total xylenes (BTEX) using EPA Method 8021B; and motor, diesel and gasoline range organics (MRO, DRO, and GRO) by EPA Method 8015D. Samples were placed into laboratory supplied glassware, labeled, and maintained on ice until delivery to Cardinal Laboratories in Hobbs, New Mexico (Appendix C).

As summarized in Table 3, the results meet NMOCD Closure Criteria, as well as the NMOCD Reclamation Requirements for the location. Figure 3 shows the sample locations. Laboratory results are summarized in Table 3. All laboratory reports are included in Appendix C.

On behalf of Devon Energy, MMX requests closure for the release associated with 1RP-5161.

Submitted by: M&M Excavating, Inc.

Lupe Carrasco

Lupe Carrasco

ATTACHMENTS:

Figures:

Figure 1: Vicinity and Well Head Protection Map Figure 2: Surface Water Radius Map Figure 3: Site and Sample Location Map

Tables:

Table 2: NMOCD Closure Criteria Justification Table 3: Summary of Sample Results

Appendices:

Appendix A: Form C-141 Appendix B: Water Well Data Appendix C: Laboratory Analytical Reports

Tables

Thistle Unit 111H

Thistle Unit #111H Devon Energy Production Company

| Site Information (19.15.29.11.A(2, 3, and 4) NMAC) | | Source/Notes | |
|--|--|--------------|--|
| Depth to Groundwater (feet bgs) | | 195-267 | NMOSE & USGS (Appendix B) |
| Hortizontal Distance From All Water Sources Within 1/2 Mile (ft) | | | |
| Hortizontal Distance to Nearest Significant Watercourse (ft) | | 1500 | Unnamed intermittant stream to the northeast |

| Closure Criteria (19 | 9.15.29.1 | 2.B(4) and 1 | Table 1 NMAC) | | | | |
|--|---|--------------|---------------|-------------|--------------|--------|----|
| | | | | ure Criteri | ia (units in | mg/kg) | |
| Depth to Groundwater | Chloride *numerical limit or background, whichever is greater | ТРН | GRO + DRO | ВТЕХ | Benzene | | |
| Less than 50' BGS | | | 600 | 100 | | 50 | 10 |
| 51' to 100' | | | 10000 | 2500 | 1000 | 50 | 10 |
| Greater than 100' | | х | 20000 | 2500 | 1000 | 50 | 10 |
| Surface Water | | if y | es, then | | | | |
| Less than 300' from continuously flowing watercourse or other | | | | | | | |
| significant watercourse? | | х | | | | | |
| Less than 200' from lakebed, sinkhole or playa lake? | x | | | | | | |
| Water Well or Water Source | | | | | | | |
| Less than 500 feet from spring or a private, domestic fresh water well | | | | | | | |
| used by less than 5 households for domestic or stock watering | | | | | | | |
| purposes? | | | | | | | |
| Less than 1000' from fresh water well or spring? | | x | | | | | |
| Human and Other Areas | | | 600 | 100 | | 50 | 10 |
| | ess than 300' from an occupied permanent residence, school, | | | | | | |
| hospital, institution or church? | | | | | | | |
| Within incorporated municipal boundaries or within a defined | | | | | | | |
| municipal fresh water well field? | - | | | | | | |
| Less than 100' from wetland? | | | | | | | |
| Within area overlying a subsurface mine | | | | | | | |
| Within an unstable area? | | x | | | | | |
| Within a 100-year floodplain? | | х | | | | | |



Table 3: Summary of Sample Results

Thistle Unit #111H Devon Energy Production Company

| Sample | Sample Date | Depth | BTEX | Benzene | GRO | DRO | MRO | Total TPH | CI- |
|--------|---------------|------------|--------|---------|-------|-------|-------|--------------|--------|
| ID | | (feet bgs) | mg/Kg | mg/Kg | mg/Kg | mg/Kg | mg/Kg | mg/Kg | mg/Kg |
| NM | OCD Closure (| Criteria | 50 | 10 | 10 | 00 | | 2,500 | 20,000 |
| L1 | | surface | <0.300 | <0.050 | <10.0 | <10.0 | <10.0 | <30.0 | 8640 |
| | | 1 | | | | | | | 128.0 |
| L2 | | surface | <0.300 | <0.050 | <10.0 | <10.0 | <10.0 | <30.0 | 3040 |
| LZ | | 1 | | | | | | | 336 |
| L3 | | surface | <0.300 | <0.050 | <10.0 | <10.0 | <10.0 | <30.0 | 112 |
| LJ | | 1 | | | | | | | 32.0 |
| L4 | | surface | <0.300 | <0.050 | <10.0 | <10.0 | <10.0 | <30.0 | 80.0 |
| LŦ | 8/20/2019 | 1 | | | | | | | 16.0 |
| L5 | 0/20/2010 | surface | <0.300 | <0.050 | <10.0 | <10.0 | <10.0 | <30.0 | 3920 |
| LJ | | 1 | | | | | | | 512.0 |
| L6 | | surface | <0.300 | <0.050 | <10.0 | <10.0 | <10.0 | <30.0 | 256 |
| LU | | 1 | | | | | | | 384 |
| L7 | | surface | <0.300 | <0.050 | <10.0 | <10.0 | <10.0 | <30.0 | 304 |
| | | 1 | | | | | | | 80.0 |
| L8 | | surface | <0.300 | <0.050 | <10.0 | <10.0 | <10.0 | <30.0 | 80.0 |
| 0 | | 1 | | | | | | | 16.0 |

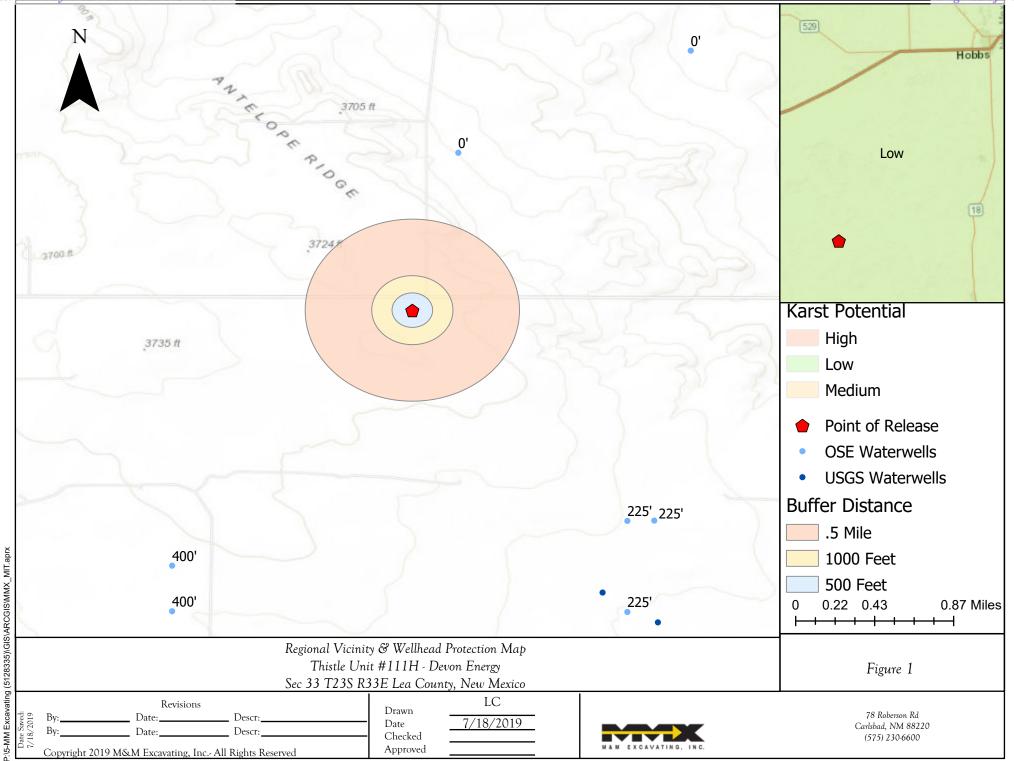


Figures

Thistle Unit 111H

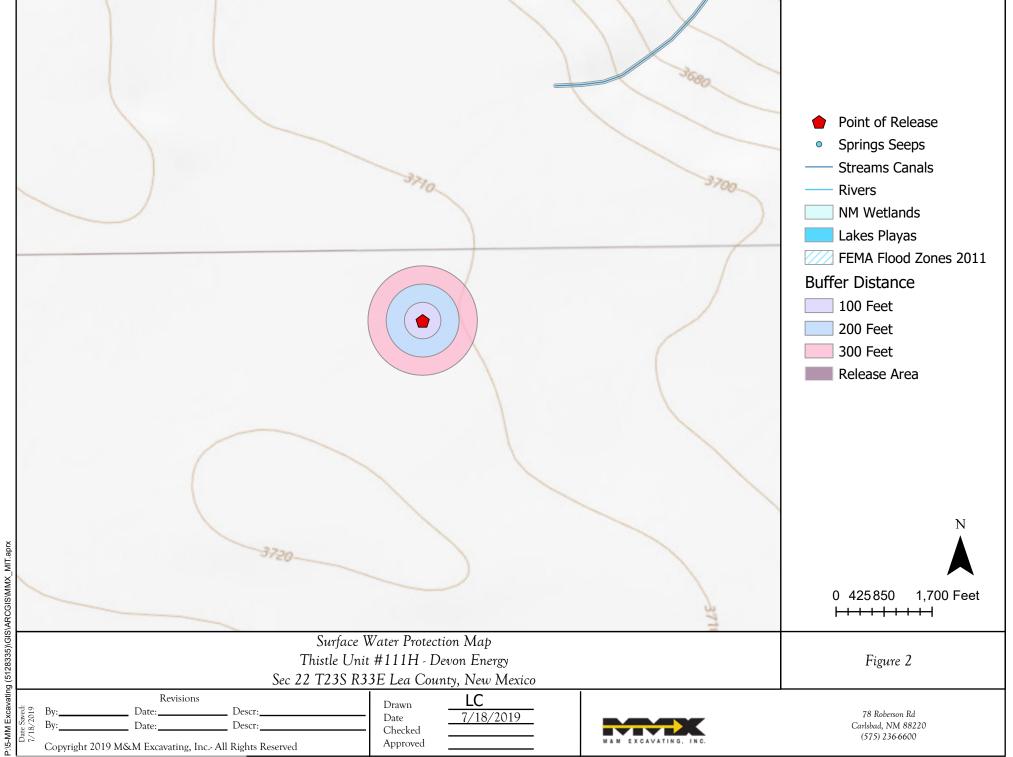
Received by OCD: 12/6/2022 3:20:01 PM

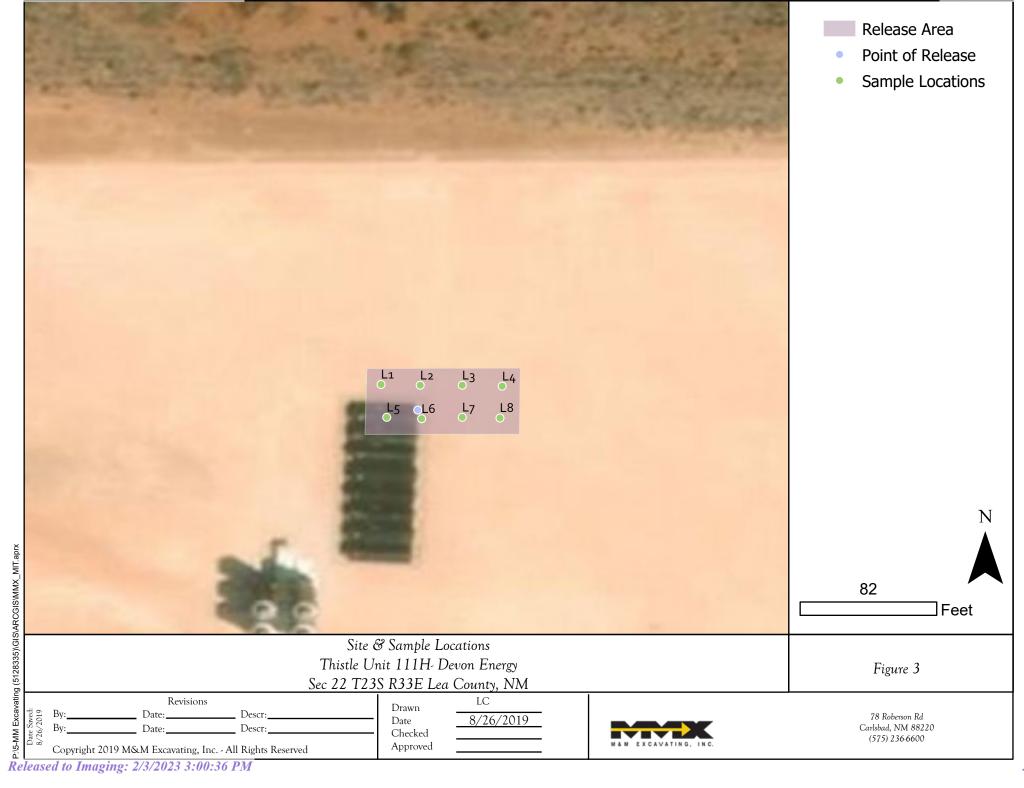
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Received by OCD: 12/6/2022 3:20:01 PM





Appendix A Form C-141

Thistle Unit 111H

State of New Mexico Energy Minerals and Natural Resources

Form C-141 Revised April 3, 2017

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Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505 Submit 1 Copy to appropriate District Office in accordance with 19.15.29 NMAC.

1RP-5161

| Release Notification and Corrective Action | | | | | | | | | | |
|--|--------------|---------------|-------------|---------------------------------------|------------|--|--------------------------------|----------|------------|----------------------------------|
| | | | | | | OPERAT | FOR | | 🚺 Initia | al Report 🔲 Final Report |
| Name of Co | | | | | | Contact: Stephen Richards, Devon Completions Foreman | | | | |
| | | | | | | Telephone No.:575-252-3717Facility Type:Oil Well | | | | |
| | | | 1111 | 1 | | | e. Oli well | | 1 | |
| Surface Own | ner: Stat | e | | Mineral 0 | Owner: | State | | | API No | . 30-025-44418 |
| | | | 1 | | | N OF REI | | | | |
| Unit Letter | Section | Township | Range | Feet from the | North/ | South Line | Feet from the | East/W | est Line | County |
| А | 22 | 23S | 33E | 233 | NO | RTH | 630 | EA | ST | LEA |
| | | La | titude | 32.296956 N | Long | gitude10 | 3.552832 W | N. | AD83 | |
| | | | | NAT | TURE | OF RELI | EASE | | | |
| Type of Relea | ase: Tre | ated Produced | l Water | 1 11 1 | | | Release: 14.261 | bbls | Volume R | Recovered: 0 bbls |
| Source of Rel | ease: Fra | c tanks | | | | | lour of Occurrenc 12:30 AM | e: | | Hour of Discovery 3, 12:30 AM |
| Was Immedia | te Notice C | | Yes |] No 🛛 Not R | equired | If YES, To NA | Whom? | | | |
| By Whom? | | | | | | Date and H | lour | | | |
| Was a Water | course Reac | | | | | If YES, Vo | lume Impacting t | he Wate | rcourse. | |
| | | | Yes 🗵 | No | | | | | | |
| If a Watercou | rse was Im | pacted, Descr | ibe Fully.' | | N/A | | CEIVED Olivia Yu | | :31 pr | n, Aug 20, 2018 |
| Describe Cau | se of Proble | em and Reme | dial Action | n Taken.* | | | | | - | |
| A contract value allowing the | | | y was in t | he process of f | illing the | e frac tanks, | but became dist | tracted | and they o | over filled the tanks, |
| Describe Area | a Affected a | and Cleanup A | Action Tal | .* | | | | | | |
| Approximately 14.26 bbls of produced water was released in an area 40 feet by 80 feet and 0 bbls were recovered. An environmental contractor will be contacted to assist with delineation and remediation efforts. | | | | | | | red. An environmental | | | |
| I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD 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 NMOCD marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD 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. | | | | | | | | | | |
| | | | | | | | OIL CON | SERV | ATION | DIVISION |
| Signature: Denise Menoud | | | | Approved by Environmental Specialist: | | | | | | |
| Printed Name | : Denise | Menoud | | | | | | <u> </u> | <u> </u> | |
| Title: | Admin | Field Support | : | | | Approval Dat | e: 8/20/2018 | B F | Expiration | Date: |
| E-mail Addre | ss: denise. | menoud@dvr | .com | | | Conditions of | Approval: | | | |
| Date: 7/ | 30/2018 | | : 575-74 | 6-5544 | | NMAC 19 | .15.29 effecti Complete rel | | gust | Attached |

characterization before any

significant remediation.

| ssary |
|-------|
| |

02

pOY1823249119

nOY1823248863



District I 1625 N. French Dr., Hobbs, NM 88240 District II 811 S. First St., Artesia, NM 88210 District III 1000 Rio Brazos Road, Aztec, NM 87410 District IV 1220 S. St. Francis Dr., Santa Fe, NM 87505 State of New Mexico Energy Minerals and Natural Resources Department

Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505 Form C-141 Revised August 24, 2018 Submit to appropriate OCD District office

)

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| Incident ID | nOY1823248863 |
|----------------|---------------|
| District RP | |
| Facility ID | 1RP-5161 |
| Application ID | |

Release Notification

Responsible Party

| Responsible Party: Devon Energy | OGRID: 6137 |
|---|---------------------------------|
| Contact Name: Amanda Davis | Contact Telephone: 575-748-0176 |
| Contact email: Amanda.davis@dvn.com | Incident # (assigned by OCD) |
| Contact mailing address: 6488 Seven Rivers Highway Artesia NM 88210 | |

Location of Release Source

Latitude <u>32.296956</u>

Longitude <u>-103.552832</u> (NAD 83 in decimal degrees to 5 decimal places)

| Site Name: Thistle Unit 111H | Site Type: Oil Well |
|----------------------------------|--|
| Date Release Discovered: 7/30/18 | API# (<i>if applicable</i>) 30-025-44418 |

| Unit Letter | Section | Township | Range | County |
|-------------|---------|----------|-------|--------|
| А | 22 | 23S | 33E | Lea |

Surface Owner: State Federal Tribal Private (Name: _____

Nature and Volume of Release

Material(s) Released (Select all that apply and attach calculations or specific justification for the volumes provided below)

| Crude Oil | Volume Released (bbls) | Volume Recovered (bbls) |
|------------------|--|---|
| Produced Water | Volume Released (bbls) 14.26 | Volume Recovered (bbls) |
| | Is the concentration of dissolved chloride in the produced water >10,000 mg/l? | Yes No |
| Condensate | Volume Released (bbls) | Volume Recovered (bbls) |
| Natural Gas | Volume Released (Mcf) | Volume Recovered (Mcf) |
| Other (describe) | Volume/Weight Released (provide units) | Volume/Weight Recovered (provide units) |
| Cause of Release | | |

Cause of Release

A contract water transfer company was in the process of filling the frac tanks, but became distracted and they overfilled the tanks

| Page | 2 |
|------|---|
| Page | 4 |

Oil Conservation Division

| Incident ID | nOY1823248863 |
|----------------|---------------|
| District RP | 1RP-5161 |
| Facility ID | |
| Application ID | |

| Was this a major release as defined by 19.15.29.7(A) NMAC? | If YES, for what reason(s) does the responsible party consider this a major release? |
|--|---|
| 🗌 Yes 🖾 No | |
| | |
| | |
| If YES, was immediate n | otice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)? |
| | |
| | |

Initial Response

The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury

 \square The source of the release has been stopped.

The impacted area has been secured to protect human health and the environment.

Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices.

All free liquids and recoverable materials have been removed and managed appropriately.

If all the actions described above have not been undertaken, explain why:

Per 19.15.29.8 B. (4) NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please attach a narrative of actions to date. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see 19.15.29.11(A)(5)(a) NMAC), please attach all information needed for closure evaluation.

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.

| Title: |
|------------|
| Date: |
| Telephone: |
| |
| |
| Date: |
| |

Received by OCD: 12/6/2022 3:20:01 PM Form C-141 State of New Mexico

Oil Conservation Division

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|----------------|---------------|----|
| Incident ID | nOY1823248863 | |
| District RP | 1RP-5161 | |
| Facility ID | | |
| Application ID | | |

Site Assessment/Characterization

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? | <u>195 (ft bgs)</u> |
|---|---------------------|
| Did this release impact groundwater or surface water? | 🗌 Yes 🛛 No |
| Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse? | 🗌 Yes 🛛 No |
| Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)? | 🗌 Yes 🛛 No |
| Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church? | 🗌 Yes 🛛 No |
| Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes? | 🗌 Yes 🛛 No |
| Are the lateral extents of the release within 1000 feet of any other fresh water well or spring? | 🗌 Yes 🛛 No |
| Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field? | 🗌 Yes 🛛 No |
| Are the lateral extents of the release within 300 feet of a wetland? | 🗌 Yes 🛛 No |
| Are the lateral extents of the release overlying a subsurface mine? | 🗌 Yes 🛛 No |
| Are the lateral extents of the release overlying an unstable area such as karst geology? | 🗌 Yes 🛛 No |
| Are the lateral extents of the release within a 100-year floodplain? | 🗌 Yes 🛛 No |
| Did the release impact areas not on an exploration, development, production, or storage site? | 🗌 Yes 🔀 No |

Attach a comprehensive report (electronic submittals in .pdf format are preferred) demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined. Refer to 19.15.29.11 NMAC for specifics.

Characterization Report Checklist: Each of the following items must be included in the report.

- Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells.
- Field data
- Data table of soil contaminant concentration data
- Depth to water determination
- Determination of water sources and significant watercourses within ¹/₂-mile of the lateral extents of the release
- Boring or excavation logs
- Photographs including date and GIS information
- Topographic/Aerial maps
- Laboratory data including chain of custody

If the site characterization report does not include completed efforts at remediation of the release, the report must include a proposed remediation plan. That plan must include the estimated volume of material to be remediated, the proposed remediation technique, proposed sampling plan and methods, anticipated timelines for beginning and completing the remediation. The closure criteria for a release are contained in Table 1 of 19.15.29.12 NMAC, however, use of the table is modified by site- and release-specific parameters.

Page 3

| Received by OCD: 12/6/2 Form C-141 | State of New Mexico | | Incident ID | Page 20 of Incident ID nOY1823248863 | | |
|---|--|---|--|---|--|--|
| Page 4 | Oil Conservation Divisi | on | District RP | 1RP-5161 | | |
| | | | Facility ID | | | |
| | | | Application ID | | | |
| regulations all operators ar public health or the environ failed to adequately investi addition, OCD acceptance and/or regulations. Printed Name: <u>Dale Wo</u> Signature: <u>Dale U</u> | formation given above is true and complete to re required to report and/or file certain release nment. The acceptance of a C-141 report by igate and remediate contamination that pose a of a C-141 report does not relieve the operato bodall Doodall dvn.com | notifications and puthe OCD does not responsibility f | erform corrective actions for rel elieve the operator of liability sh ter, surface water, human health or compliance with any other fe y. Professional | eases which may endanger ould their operations have or the environment. In deral, state, or local laws | | |
| OCD Only | | Data | : | | | |

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Oil Conservation Division

| Incident ID | nOY1823248863 |
|----------------|---------------|
| District RP | 1RP-5161 |
| Facility ID | |
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Closure

The responsible party must attach information demonstrating they have complied with all applicable closure requirements and any conditions or directives of the OCD. This demonstration should be in the form of a comprehensive report (electronic submittals in .pdf format are preferred) including a scaled site map, sampling diagrams, relevant field notes, photographs of any excavation prior to backfilling, laboratory data including chain of custody documents of final sampling, and a narrative of the remedial activities. Refer to 19.15.29.12 NMAC.

Closure Report Attachment Checklist: Each of the following items must be included in the closure report. A scaled site and sampling diagram as described in 19.15.29.11 NMAC Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection) ****No remediation necessary** Laboratory analyses of final sampling (Note: appropriate ODC District office must be notified 2 days prior to final sampling) Description of remediation activities 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. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete. Printed Name: Dale Woodall Title: Env. Professional Signature: Dale Woodall Date: 12/6/2022 Telephone: 575-748-1838 email: dale.woodall@dvn.com **OCD Only** Received by: Date: _____ Closure approval by the OCD does not relieve the responsible party of liability should their operations have failed to adequately investigate and remediate contamination that poses a threat to groundwater, surface water, human health, or the environment nor does not relieve the responsible party of compliance with any other federal, state, or local laws and/or regulations.

 Closure Approved by:
 Ashley Maquell
 Date:
 2/03/2023

 Printed Name:
 Ashley Maxwell
 Title:
 Environme

 Title: Environmental Specialist

Appendix B Water Well Data

see 12/6/2022 addendum too

Thistle Unit 111H

ADDENDUM

Location name: THISTLE UNIT #111H OCD Spill Number: nOY1823248863 From: Dale Woodall, Devon Energy Date: 12/6/2022

Since this report for the above referenced spill(s) was written, there has been an update in the status of the PODs for the location.

A review of New Mexico Office of the State Engineers (OSE) online water well database (New Mexico Office of the State Engineer (NMOSE) online water well database <u>https://gis.ose.state.nm.us/gisapps/ose_pod_locations/</u>).

One pod location is within $\frac{1}{2}$ mile radius and less than 25 years old.

C-4664 POD 1 (installed in 2022) did not encounter groundwater and is within 0.5 miles of the location

The spill was remediated to criteria for DTW of 51-100 feet bgs.

Boring log of the well C-4664 POD1 is attached.

A map denoting the location of pod C4664 and Thistle Unit 111 is attached.



New Mexico Office of the State Engineer Point of Diversion Summary

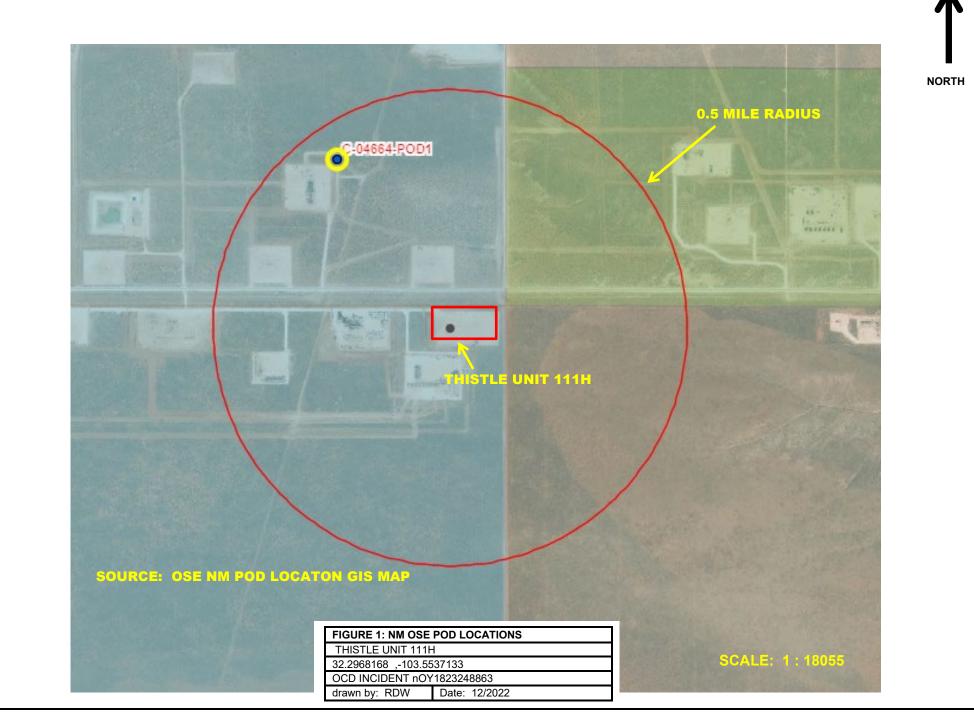
| Casing Size | e: | | Depth | Well | : | | 5 | 5 feet | De | pth Water: | |
|-------------|-------|-----------------|--|-------|------|-------|-----|----------|-----------|-------------|------------|
| Pump Type | e: | | Pipe D | ischa | irge | Size: | | | Est | timated Yie | ld: |
| Log File D | ate: | 09/26/2022 | PCWI | Rev I | Date | | | | So | urce: | |
| Drill Start | Date: | 09/07/2022 | Drill F | inish | Dat | e: | 0 | 9/07/202 | 22 Ph | 1g Date: | 09/13/2022 |
| Driller Naı | me: | JACKIE D ATKINS | | | | | | | | | |
| Driller Lic | ense: | 1249 | Driller | Con | ipan | v: | AT | KINS EI | NGINEERIN | NG ASSOC. | INC. |
| NA | C 0- | 4664 POD1 | 4 | 1 | 4 | 15 | 23S | 33E | 635784 | 3574818 | 9 |
| Well Tag | POD | Number | Q64 | Q16 | Q4 | Sec | Tws | Rng | Х | Y | |
| | | | (quarters are 1=NW 2=NE 3=SW 4=SE) (quarters are smallest to largest) | | | | | | (NAD83 U | | |

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.

12/6/22 3:08 PM

POINT OF DIVERSION SUMMARY

Page 25 of 54



Released to Imaging: 2/3/2023 3:00:36 PM

PAGE 1 OF 2

WELL TAG ID NO.



WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

www.ose.state.nm.us

| | OSE POD NO | | D.) | | WELL TAG ID NO | | | OSE FILE NO(| S). | | | |
|----------------------------------|------------------------|------------|----------------------------|-------------|------------------------------|--------------|-----------|-----------------------------|-------------------------------------|----------------|---------------------------|------------------|
| ION | POD 1 (TV | | | | n/a | | | C-4664 | | | | |
| GENERAL AND WELL LOCATION | WELL OWNE Devon Ene | | 5) | | | | | PHONE (OPTIC 575-748-183 | | | | |
| TTT | WELL OWNE | | | | | | | CITY | | STATE NM | 88210 | ZIP |
| WE | 6488 7 Riv | vers Hwy | | | | | | Artesia | | INIVI | 88210 | |
| AND | WELL | | DE | GREES 32 | MINUTES | SECON 7.0 | 2 | * ACCURACY | REQUIRED: ONE TEN | TH OF A | SECOND | |
| RAL | LOCATIO | s) | ATITUDE | 103 | 22 | 27. | N | | QUIRED: WGS 84 | in or n | beenb | |
| ENE | | | NGITUDE | | | | | S (SECTION TO | WNSHIP, RANGE) WH | ERE AV | AILABLE | |
| 1. G | | | T23S R33S NMPM | | | | | | ······ | | | |
| | LICENSE NO | | NAME OF LICENSED | | | | | | NAME OF WELL DR | | | |
| | 124 | | | | Jackie D. Atkins | | | | | | g Associates, Ii | |
| | DRILLING ST 9/7/2 | | DRILLING ENDED 9/7/2022 | DEPTH OF CO | MPLETED WELL (F 55 | T) | | le depth (ft) ±55 | DEPTH WATER FIR | st enco n/a | | |
| N | COMPLETEI | O WELL IS: | ARTESIAN | ✓ DRY HOI | E SHALLO |)W (UNCO | NFINED) | | WATER LEVEL PLETED WELL n | /a | DATE STATIC 1 9/13/2 | |
| TIO | DRILLING FI | LUID: | AIR | MUD | ADDITIV | /ES – SPEC | CIFY: | | | | | |
| 2. DRILLING & CASING INFORMATION | DRILLING M | ETHOD: | ROTARY HAM | MER CAB | LE TOOL 🔽 OTH | IER – SPEC | CIFY: H | Hollow Stem | Auger CHECK | HERE I | F PITLESS ADAF | PTER IS |
| INFO | DEPTH | (feet bgl) | BORE HOLE | CASING | MATERIAL ANI GRADE | D/OR | CA | ASING | CASING | CAS | SING WALL | SLOT |
| SNI | FROM | то | DIAM (inches) | | each casing string | | | NECTION TYPE | INSIDE DIAM. (inches) | | IICKNESS (inches) | SIZE (inches) |
| CAS | 0 | 55 | ±6.5 | note | sections of screen Boring |) | (add coup | ling diameter) | | | | |
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| | | | | | | | | | | | | |
| | DEPTH | (feet bgl) | BORE HOLE | | ST ANNULAR S | | | | AMOUNT | | METHO | |
| IAL | FROM | ТО | DIAM. (inches) | GRA | VEL PACK SIZE | -RANGE | E BY INTE | ERVAL | (cubic feet) | | PLACEM | IENT |
| VTEH | | | | | | | | | | | | |
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| ANNULAR MATERIAL | | | | | | | | | | | | |
| 3. A | | | | | | | | | | | | |
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235. 33E.

15

414

LOCATION

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| | 24 | 29 | 5 | | liche, consolidate | | | | | Y | √ N | |
| | 29 | 34 | 5 | | n/ fine grained, p | | | | | Y | √ N | |
| | 34 | 55 | 21 | | edium/ fine grain | | | | | Y | ✓ N | |
| | | | | | | | | | | Y | N | |
| 5 | | | | | | | | | | Y | N | |
| 4. HYDROGEOLOGIC LOG OF WELL | | | | | | | | | | Y | N | |
| DF V | | | | | | | | | | Y | N | |
| 00 | | | | | | | | | | Y | N | |
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| 4. F | | | | | | | | | | Y | N | |
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| TEST; RIG SUPERVIS | MISCELLA | NEOUS INF | FORMATION: To be | emporary well materia low ground surface(b | ll removed and gs), then hydra | soil boring ted benton | g backfi ite chip | s ten feet bg | s to su | face. | | epth to ten feet 2 pm3:25 |
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| 5. T | Shane Eldri | | | | | | | | | | | |
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| 6. | | SIGNAT | URE OF DRILLE | ER / PRINT SIGNEE | NAME | | _ | | | | DATE | |
| FO | R OSE INTER | NAL USE | | | | | | WR-20 WE | LL REC | CORD & | LOG (Ve | ersion 01/28/2022) |
| | | 6466 | 24 | | POD NO. | | | TRN NO. | 2.2.2 | 814 | | |
| LO | CATION 2 | 135. | 336. 1 | 5 414 | | | WELL | TAG ID NO. | | | | PAGE 2 OF 2 |

Received by OCD: 12/6/2022 3:20:01 PM

Mike A. Hamman, P.E. State Engineer



Roswell Office 1900 WEST SECOND STREET ROSWELL, NM 88201

STATE OF NEW MEXICO OFFICE OF THE STATE ENGINEER

Trn Nbr: 732814 File Nbr: C 04664 Well File Nbr: C 04664 POD1

Oct. 03, 2022

DALE WOODALL DEVON ENERGY 6488 7 RIVERS HWY ARTESIA, NM 88210

Greetings:

The above numbered permit was issued in your name on 08/25/2022.

The Well Record was received in this office on 09/26/2022, stating that it had been completed on 09/07/2022, and was a dry well. The well is to be plugged according to 19.27.4.30 NMAC.

Please note that another well can be drilled under this permit if the well is completed and the well log filed on or before 08/25/2023.

If you have any questions, please feel free to contact us.

Clemina

Sincerely,

M

Vanessa Clements (575)622-6521

drywell

•

| (A CLW##### in the POD suffix indicates the POD has been replaced & no longer serves a water right file.) | (R=POD replaced, O=orpha C=the fil | ned, | 1 | | • | | | | | | 3=SW 4=S | · · · · · · · · · · · · · · · · · · · | | | | |
|---|---|-------------|---|-----|----|----|-----|-------|----|------------------|----------|---------------------------------------|-----------------|------------|------------|-------|
| ······ | closed) | | (quarters are smallest to largest) (NAD83 UTM in me | | | | | | | eters) (In feet) | | | | | | |
| | | POD Sub- | | 0 | 0 | 0 | | | | | | | | | v | Vater |
| POD Number | Code | basin | County | 64 | 16 | 4 | Se | c Tv | ws | Rng | X | Y | DistanceDep | othWellDep | thWater Co | olumn |
| C 03582 POD1 | | С | LE | 4 | 1 | 1 | 14 | 1 23 | 3S | 33E | 636583 | 3575666 🌍 | 1433 | 590 | | |
| <u>C 02283</u> | | CUB | LE | 4 | 2 | 2 | 26 | 5 23 | 3S | 33E | 637896 | 3572431* 🌍 | 2464 | 325 | 225 | 100 |
| <u>C 02282</u> | | CUB | LE | 3 | 1 | 1 | 25 | 5 23 | 3S | 33E | 638098 | 3572436* 🌍 | 2599 | 325 | 225 | 100 |
| <u>C 02278</u> | | CUB | LE | 3 | 4 | 2 | 28 | 3 23 | 3S | 33E | 634484 | 3571989* 🌍 | 2889 | 650 | 400 | 250 |
| | | | | | | | | | | | | Avera | ge Depth to Wat | er: | 283 fee | et |
| | | | | | | | | | | | | | Minimum De | pth: | 225 fee | et |
| | | | | | | | | | | | | | Maximum De | pth: | 400 fee | et |
| <u>Record Count:</u> 4 | | | | | | | | | | | | | | | | |
| UTMNAD83 Radius | <u>s Search (in</u> | meters) | <u>:</u> | | | | | | | | | | | | | |
| Easting (X): 636 | 5257 | | North | ing | (Y |): | 357 | 74271 | l | | | Radius: 3000 | | | | |
| *UTM location was derived | from PLSS - | see Heln | | | | | | | | | | | | | | |



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National Water Information System: Web Interface

| USGS Water Resources | Data Category: | Geographic Area: | | |
|----------------------|----------------|------------------|--------|--|
| osos water Resources | Groundwater | ✓ United States | ∨ GO | |

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- Full News 🔝

Groundwater levels for the Nation

Search Results -- 1 sites found

site_no list =

• 321611103321601

Minimum number of levels = 1

Save file of selected sites to local disk for future upload

USGS 321611103321601 23S.33E.26.42100

Available data for this siteGroundwater: Field measurementsGOLea County, New MexicoHydrologic Unit Code 13070007Latitude 32°16'28.0", Longitude 103°32'15.6" NAD83Land-surface elevation 3,641 feet above NAVD88The depth of the well is 190 feet below land surface.This well is completed in the Chinle Formation (231CHNL) local aquifer.

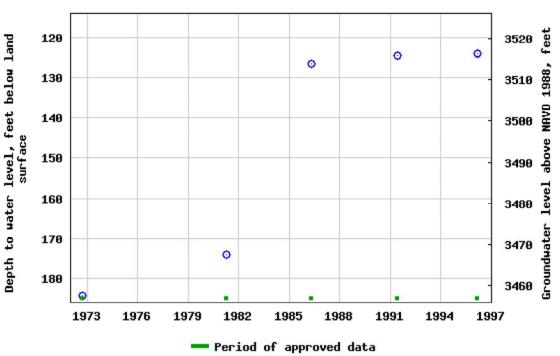
Output formats

<u>Table of data</u>

Tab-separated data

<u>Graph of data</u>

Reselect period



USGS 321611103321601 235,33E,26,42100

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

Download a presentation-quality graph

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AccessibilityPlug-InsFOIAPrivacyPolicies and NoticesU.S. Department of the InteriorU.S. Geological SurveyTitle:Groundwater for USA:Water LevelsURL:https://nwis.waterdata.usgs.gov/nwis/gwlevels?



Page Contact Information: <u>USGS Water Data Support Team</u> Page Last Modified: 2019-07-18 12:36:47 EDT 1.02 0.96 nadww01

Appendix C Laboratory Analytical Reports

Thistle Unit 111H



August 26, 2019

MELODIE SANJARI MMX 2737 PECOS HWY CARLSBAD, NM 88220

RE: THISTLE UNIT 111H

Enclosed are the results of analyses for samples received by the laboratory on 08/21/19 11:47.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-18-11. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/ga/lab_accred_certif.html.

Cardinal Laboratories is accreditated through the State of Colorado Department of Public Health and Environment for:

| Method EPA 552.2 | Haloacetic Acids (HAA-5) |
|------------------|------------------------------|
| Method EPA 524.2 | Total Trihalomethanes (TTHM) |
| Method EPA 524.4 | Regulated VOCs (V1, V2, V3) |

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Celey D. Keine

Celey D. Keene Lab Director/Quality Manager



Analytical Results For:

MMX MELODIE SANJARI 2737 PECOS HWY CARLSBAD NM, 88220 Fax To: (575) 236-6201

| Received: | 08/21/2019 | Sampling Date: | 08/20/2019 |
|-------------------|-------------------|---------------------|----------------|
| Reported: | 08/26/2019 | Sampling Type: | Soil |
| Project Name: | THISTLE UNIT 111H | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Tamara Oldaker |
| Project Location: | ММХ | | |

Sample ID: L 1 - SURFACE (H902871-01)

| BTEX 8021B | mg, | /kg | Analyze | d By: MS | | | | | |
|--------------------------------------|--------|-----------------|-----------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 08/22/2019 | ND | 1.75 | 87.3 | 2.00 | 4.33 | |
| Toluene* | <0.050 | 0.050 | 08/22/2019 | ND | 2.10 | 105 | 2.00 | 2.42 | |
| Ethylbenzene* | <0.050 | 0.050 | 08/22/2019 | ND | 2.14 | 107 | 2.00 | 2.66 | |
| Total Xylenes* | <0.150 | 0.150 | 08/22/2019 | ND | 6.56 | 109 | 6.00 | 3.68 | |
| Total BTEX | <0.300 | 0.300 | 08/22/2019 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 106 | % 73.3-12 | 9 | | | | | | |
| Chloride, SM4500Cl-B | mg/kg | | Analyzed By: AC | | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 8640 | 16.0 | 08/22/2019 | ND | 432 | 108 | 400 | 0.00 | |
| TPH 8015M | mg/kg | | Analyzed By: MS | | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 08/22/2019 | ND | 192 | 96.0 | 200 | 2.08 | |
| DRO >C10-C28* | <10.0 | 10.0 | 08/22/2019 | ND | 202 | 101 | 200 | 1.06 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 08/22/2019 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 69.5 | % 41-142 | | | | | | | |
| Surrogate: 1-Chlorooctadecane | 70.9 | % 37.6-14 | 7 | | | | | | |

Cardinal Laboratories

*=Accredited Analyte

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

MMX MELODIE SANJARI 2737 PECOS HWY CARLSBAD NM, 88220 Fax To: (575) 236-6201

| Received: | 08/21/2019 | Sampling Date: | 08/20/2019 |
|-------------------|-------------------|---------------------|----------------|
| Reported: | 08/26/2019 | Sampling Type: | Soil |
| Project Name: | THISTLE UNIT 111H | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Tamara Oldaker |
| Project Location: | MMX | | |

Sample ID: L 1 - 1' (H902871-02)

| Chloride, SM4500Cl-B | mg | /kg | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|-----------------|--------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 128 | 16.0 | 08/22/2019 | ND | 432 | 108 | 400 | 0.00 | |

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and clent's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatscever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including whother is subsidiaries, affiliates or successor arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

MMX MELODIE SANJARI 2737 PECOS HWY CARLSBAD NM, 88220 Fax To: (575) 236-6201

| Received: | 08/21/2019 | Sampling Date: | 08/20/2019 |
|-------------------|-------------------|---------------------|----------------|
| Reported: | 08/26/2019 | Sampling Type: | Soil |
| Project Name: | THISTLE UNIT 111H | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Tamara Oldaker |
| Project Location: | MMX | | |

Sample ID: L 2 - SURFACE (H902871-03)

| BTEX 8021B | mg/ | ′kg | Analyze | d By: MS | | | | | |
|--------------------------------------|--------|-----------------|-----------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 08/22/2019 | ND | 1.75 | 87.3 | 2.00 | 4.33 | |
| Toluene* | <0.050 | 0.050 | 08/22/2019 | ND | 2.10 | 105 | 2.00 | 2.42 | |
| Ethylbenzene* | <0.050 | 0.050 | 08/22/2019 | ND | 2.14 | 107 | 2.00 | 2.66 | |
| Total Xylenes* | <0.150 | 0.150 | 08/22/2019 | ND | 6.56 | 109 | 6.00 | 3.68 | |
| Total BTEX | <0.300 | 0.300 | 08/22/2019 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 107 9 | % 73.3-12 | 9 | | | | | | |
| Chloride, SM4500Cl-B | mg/ | ′kg | Analyze | d By: AC | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 3040 | 16.0 | 08/22/2019 | ND | 432 | 108 | 400 | 0.00 | |
| TPH 8015M | mg/kg | | Analyzed By: MS | | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 08/22/2019 | ND | 192 | 96.0 | 200 | 2.08 | |
| DRO >C10-C28* | <10.0 | 10.0 | 08/22/2019 | ND | 202 | 101 | 200 | 1.06 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 08/22/2019 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 56.3 | % 41-142 | , | | | | | | |
| Surrogate: 1-Chlorooctadecane | 55.9 | % 37.6-14 | 7 | | | | | | |

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



MMX MELODIE SANJARI 2737 PECOS HWY CARLSBAD NM, 88220 Fax To: (575) 236-6201

| Received: | 08/21/2019 | Sampling Date: | 08/20/2019 |
|-------------------|-------------------|---------------------|----------------|
| Reported: | 08/26/2019 | Sampling Type: | Soil |
| Project Name: | THISTLE UNIT 111H | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Tamara Oldaker |
| Project Location: | MMX | | |

Sample ID: L 2 - 1' (H902871-04)

| Chloride, SM4500Cl-B | mg | /kg | Analyze | d By: AC | | | | | |
|----------------------|--------|-----------------|------------|--------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 336 | 16.0 | 08/22/2019 | ND | 432 | 108 | 400 | 0.00 | |

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Celey D. Keene, Lab Director/Quality Manager



MMX MELODIE SANJARI 2737 PECOS HWY CARLSBAD NM, 88220 Fax To: (575) 236-6201

| Received: | 08/21/2019 | Sampling Date: | 08/20/2019 |
|-------------------|-------------------|---------------------|----------------|
| Reported: | 08/26/2019 | Sampling Type: | Soil |
| Project Name: | THISTLE UNIT 111H | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Tamara Oldaker |
| Project Location: | MMX | | |

Sample ID: L 3 - SURFACE (H902871-05)

| BTEX 8021B | mg/ | kg | Analyze | d By: MS | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 08/22/2019 | ND | 1.75 | 87.3 | 2.00 | 4.33 | |
| Toluene* | <0.050 | 0.050 | 08/22/2019 | ND | 2.10 | 105 | 2.00 | 2.42 | |
| Ethylbenzene* | <0.050 | 0.050 | 08/22/2019 | ND | 2.14 | 107 | 2.00 | 2.66 | |
| Total Xylenes* | <0.150 | 0.150 | 08/22/2019 | ND | 6.56 | 109 | 6.00 | 3.68 | |
| Total BTEX | <0.300 | 0.300 | 08/22/2019 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 106 9 | 73.3-12 | 9 | | | | | | |
| Chloride, SM4500Cl-B | mg/ | 'kg | Analyze | d By: AC | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 112 | 16.0 | 08/22/2019 | ND | 432 | 108 | 400 | 0.00 | |
| TPH 8015M | mg/ | 'kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 08/22/2019 | ND | 192 | 96.0 | 200 | 2.08 | |
| DRO >C10-C28* | <10.0 | 10.0 | 08/22/2019 | ND | 202 | 101 | 200 | 1.06 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 08/22/2019 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 70.5 | % 41-142 | , | | | | | | |
| Surrogate: 1-Chlorooctadecane | 72.8 | % 37.6-14 | 7 | | | | | | |

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MMX MELODIE SANJARI 2737 PECOS HWY CARLSBAD NM, 88220 Fax To: (575) 236-6201

| Received: | 08/21/2019 | Sampling Date: | 08/20/2019 |
|-------------------|-------------------|---------------------|----------------|
| Reported: | 08/26/2019 | Sampling Type: | Soil |
| Project Name: | THISTLE UNIT 111H | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Tamara Oldaker |
| Project Location: | MMX | | |

Sample ID: L 3 - 1' (H902871-06)

| Chloride, SM4500Cl-B | mg, | /kg | Analyze | d By: AC | | | | | |
|----------------------|--------|-----------------|------------|--------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 32.0 | 16.0 | 08/22/2019 | ND | 432 | 108 | 400 | 0.00 | |

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| Received: | 08/21/2019 | Sampling Date: | 08/20/2019 |
|-------------------|-------------------|---------------------|----------------|
| Reported: | 08/26/2019 | Sampling Type: | Soil |
| Project Name: | THISTLE UNIT 111H | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Tamara Oldaker |
| Project Location: | MMX | | |

Sample ID: L 4 - SURFACE (H902871-07)

| BTEX 8021B | mg/ | ′kg | Analyze | d By: MS | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 08/22/2019 | ND | 1.75 | 87.3 | 2.00 | 4.33 | |
| Toluene* | <0.050 | 0.050 | 08/22/2019 | ND | 2.10 | 105 | 2.00 | 2.42 | |
| Ethylbenzene* | <0.050 | 0.050 | 08/22/2019 | ND | 2.14 | 107 | 2.00 | 2.66 | |
| Total Xylenes* | <0.150 | 0.150 | 08/22/2019 | ND | 6.56 | 109 | 6.00 | 3.68 | |
| Total BTEX | <0.300 | 0.300 | 08/22/2019 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 106 9 | % 73.3-12 | 9 | | | | | | |
| Chloride, SM4500Cl-B | mg/ | ′kg | Analyze | d By: AC | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 80.0 | 16.0 | 08/22/2019 | ND | 432 | 108 | 400 | 3.77 | |
| TPH 8015M | mg/ | ′kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 08/22/2019 | ND | 192 | 96.0 | 200 | 2.08 | |
| DRO >C10-C28* | <10.0 | 10.0 | 08/22/2019 | ND | 202 | 101 | 200 | 1.06 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 08/22/2019 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 75.2 | % 41-142 | , | | | | | | |
| Surrogate: 1-Chlorooctadecane | 76.3 | % 37.6-14 | 7 | | | | | | |

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| Received: | 08/21/2019 | Sampling Date: | 08/20/2019 |
|-------------------|-------------------|---------------------|----------------|
| Reported: | 08/26/2019 | Sampling Type: | Soil |
| Project Name: | THISTLE UNIT 111H | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Tamara Oldaker |
| Project Location: | MMX | | |

Sample ID: L 4 - 1' (H902871-08)

| Chloride, SM4500Cl-B | mg | /kg | Analyze | d By: AC | | | | | |
|----------------------|--------|-----------------|------------|--------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 16.0 | 16.0 | 08/22/2019 | ND | 432 | 108 | 400 | 3.77 | |

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| Received: | 08/21/2019 | Sampling Date: | 08/20/2019 |
|-------------------|-------------------|---------------------|----------------|
| Reported: | 08/26/2019 | Sampling Type: | Soil |
| Project Name: | THISTLE UNIT 111H | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Tamara Oldaker |
| Project Location: | MMX | | |

Sample ID: L 5 - SURFACE (H902871-09)

| BTEX 8021B | mg/ | ′kg | Analyze | d By: MS | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 08/22/2019 | ND | 1.75 | 87.3 | 2.00 | 4.33 | |
| Toluene* | <0.050 | 0.050 | 08/22/2019 | ND | 2.10 | 105 | 2.00 | 2.42 | |
| Ethylbenzene* | <0.050 | 0.050 | 08/22/2019 | ND | 2.14 | 107 | 2.00 | 2.66 | |
| Total Xylenes* | <0.150 | 0.150 | 08/22/2019 | ND | 6.56 | 109 | 6.00 | 3.68 | |
| Total BTEX | <0.300 | 0.300 | 08/22/2019 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 105 9 | % 73.3-12 | 9 | | | | | | |
| Chloride, SM4500Cl-B | mg/ | ′kg | Analyze | d By: AC | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 3920 | 16.0 | 08/22/2019 | ND | 432 | 108 | 400 | 3.77 | |
| TPH 8015M | mg/ | ′kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 08/22/2019 | ND | 192 | 96.0 | 200 | 2.08 | |
| DRO >C10-C28* | <10.0 | 10.0 | 08/22/2019 | ND | 202 | 101 | 200 | 1.06 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 08/22/2019 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 81.1 | % 41-142 | , | | | | | | |
| Surrogate: 1-Chlorooctadecane | 83.3 | % 37.6-14 | 7 | | | | | | |

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| Received: | 08/21/2019 | Sampling Date: | 08/20/2019 |
|-------------------|-------------------|---------------------|----------------|
| Reported: | 08/26/2019 | Sampling Type: | Soil |
| Project Name: | THISTLE UNIT 111H | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Tamara Oldaker |
| Project Location: | MMX | | |

Sample ID: L 5 - 1' (H902871-10)

| Chloride, SM4500Cl-B | mg | /kg | Analyze | d By: AC | | | | | |
|----------------------|--------|-----------------|------------|--------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 512 | 16.0 | 08/22/2019 | ND | 432 | 108 | 400 | 3.77 | |

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| Received: | 08/21/2019 | Sampling Date: | 08/20/2019 |
|-------------------|-------------------|---------------------|----------------|
| Reported: | 08/26/2019 | Sampling Type: | Soil |
| Project Name: | THISTLE UNIT 111H | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Tamara Oldaker |
| Project Location: | MMX | | |

Sample ID: L 6 - SURFACE (H902871-11)

| BTEX 8021B | mg, | /kg | Analyze | d By: MS | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 08/22/2019 | ND | 1.75 | 87.3 | 2.00 | 4.33 | |
| Toluene* | <0.050 | 0.050 | 08/22/2019 | ND | 2.10 | 105 | 2.00 | 2.42 | |
| Ethylbenzene* | <0.050 | 0.050 | 08/22/2019 | ND | 2.14 | 107 | 2.00 | 2.66 | |
| Total Xylenes* | <0.150 | 0.150 | 08/22/2019 | ND | 6.56 | 109 | 6.00 | 3.68 | |
| Total BTEX | <0.300 | 0.300 | 08/22/2019 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 104 | % 73.3-12 | 9 | | | | | | |
| Chloride, SM4500Cl-B | mg/ | /kg | Analyze | d By: AC | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 256 | 16.0 | 08/22/2019 | ND | 432 | 108 | 400 | 3.77 | |
| TPH 8015M | mg/ | /kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 08/22/2019 | ND | 192 | 96.0 | 200 | 2.08 | |
| DRO >C10-C28* | <10.0 | 10.0 | 08/22/2019 | ND | 202 | 101 | 200 | 1.06 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 08/22/2019 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 76.7 | % 41-142 | | | | | | | |
| Surrogate: 1-Chlorooctadecane | 77.4 | % 37.6-14 | 7 | | | | | | |

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Celey D. Keene, Lab Director/Quality Manager



MMX MELODIE SANJARI 2737 PECOS HWY CARLSBAD NM, 88220 Fax To: (575) 236-6201

| Received: | 08/21/2019 | Sampling Date: | 08/20/2019 |
|-------------------|-------------------|---------------------|----------------|
| Reported: | 08/26/2019 | Sampling Type: | Soil |
| Project Name: | THISTLE UNIT 111H | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Tamara Oldaker |
| Project Location: | MMX | | |

Sample ID: L 6 - 1' (H902871-12)

| Chloride, SM4500Cl-B | mg | /kg | Analyze | d By: AC | | | | | |
|----------------------|--------|-----------------|------------|--------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 384 | 16.0 | 08/22/2019 | ND | 432 | 108 | 400 | 3.77 | |

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MMX MELODIE SANJARI 2737 PECOS HWY CARLSBAD NM, 88220 Fax To: (575) 236-6201

| Received: | 08/21/2019 | Sampling Date: | 08/20/2019 |
|-------------------|-------------------|---------------------|----------------|
| Reported: | 08/26/2019 | Sampling Type: | Soil |
| Project Name: | THISTLE UNIT 111H | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Tamara Oldaker |
| Project Location: | MMX | | |

Sample ID: L 7 - SURFACE (H902871-13)

| BTEX 8021B | mg/ | ′kg | Analyze | d By: MS | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 08/22/2019 | ND | 1.75 | 87.3 | 2.00 | 4.33 | |
| Toluene* | <0.050 | 0.050 | 08/22/2019 | ND | 2.10 | 105 | 2.00 | 2.42 | |
| Ethylbenzene* | <0.050 | 0.050 | 08/22/2019 | ND | 2.14 | 107 | 2.00 | 2.66 | |
| Total Xylenes* | <0.150 | 0.150 | 08/22/2019 | ND | 6.56 | 109 | 6.00 | 3.68 | |
| Total BTEX | <0.300 | 0.300 | 08/22/2019 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 106 9 | % 73.3-12 | 9 | | | | | | |
| Chloride, SM4500Cl-B | mg/ | ′kg | Analyze | d By: AC | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 304 | 16.0 | 08/22/2019 | ND | 432 | 108 | 400 | 3.77 | |
| TPH 8015M | mg/ | ′kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 08/22/2019 | ND | 192 | 96.0 | 200 | 2.08 | |
| DRO >C10-C28* | <10.0 | 10.0 | 08/22/2019 | ND | 202 | 101 | 200 | 1.06 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 08/22/2019 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 73.0 | % 41-142 | , | | | | | | |
| Surrogate: 1-Chlorooctadecane | 73.4 | % 37.6-14 | 7 | | | | | | |

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MMX MELODIE SANJARI 2737 PECOS HWY CARLSBAD NM, 88220 Fax To: (575) 236-6201

| Received: | 08/21/2019 | Sampling Date: | 08/20/2019 |
|-------------------|-------------------|---------------------|----------------|
| Reported: | 08/26/2019 | Sampling Type: | Soil |
| Project Name: | THISTLE UNIT 111H | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Tamara Oldaker |
| Project Location: | MMX | | |

Sample ID: L 7 - 1' (H902871-14)

| Chloride, SM4500Cl-B | mg | /kg | Analyze | d By: AC | | | | | |
|----------------------|--------|-----------------|------------|--------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 80.0 | 16.0 | 08/22/2019 | ND | 432 | 108 | 400 | 3.77 | |

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MMX MELODIE SANJARI 2737 PECOS HWY CARLSBAD NM, 88220 Fax To: (575) 236-6201

| Received: | 08/21/2019 | Sampling Date: | 08/20/2019 |
|-------------------|-------------------|---------------------|----------------|
| Reported: | 08/26/2019 | Sampling Type: | Soil |
| Project Name: | THISTLE UNIT 111H | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Tamara Oldaker |
| Project Location: | MMX | | |

Sample ID: L 8 - SURFACE (H902871-15)

| BTEX 8021B | mg/ | ′kg | Analyze | d By: MS | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 08/22/2019 | ND | 1.75 | 87.3 | 2.00 | 4.33 | |
| Toluene* | <0.050 | 0.050 | 08/22/2019 | ND | 2.10 | 105 | 2.00 | 2.42 | |
| Ethylbenzene* | <0.050 | 0.050 | 08/22/2019 | ND | 2.14 | 107 | 2.00 | 2.66 | |
| Total Xylenes* | <0.150 | 0.150 | 08/22/2019 | ND | 6.56 | 109 | 6.00 | 3.68 | |
| Total BTEX | <0.300 | 0.300 | 08/22/2019 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 107 9 | % 73.3-12 | 9 | | | | | | |
| Chloride, SM4500Cl-B | mg/ | ′kg | Analyze | d By: AC | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 80.0 | 16.0 | 08/22/2019 | ND | 432 | 108 | 400 | 3.77 | |
| TPH 8015M | mg/ | ′kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 08/22/2019 | ND | 192 | 96.0 | 200 | 2.08 | |
| DRO >C10-C28* | <10.0 | 10.0 | 08/22/2019 | ND | 202 | 101 | 200 | 1.06 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 08/22/2019 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 72.6 | % 41-142 | , | | | | | | |
| Surrogate: 1-Chlorooctadecane | 71.9 | % 37.6-14 | 7 | | | | | | |

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Celey D. Keene, Lab Director/Quality Manager



MMX MELODIE SANJARI 2737 PECOS HWY CARLSBAD NM, 88220 Fax To: (575) 236-6201

| Received: | 08/21/2019 | Sampling Date: | 08/20/2019 |
|-------------------|-------------------|---------------------|----------------|
| Reported: | 08/26/2019 | Sampling Type: | Soil |
| Project Name: | THISTLE UNIT 111H | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Tamara Oldaker |
| Project Location: | MMX | | |

Sample ID: L 8 - 1' (H902871-16)

| Chloride, SM4500Cl-B | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|-----------------|--------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 16.0 | 16.0 | 08/22/2019 | ND | 432 | 108 | 400 | 3.77 | |

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Celey D. Keene, Lab Director/Quality Manager



Notes and Definitions

| ND | Analyte NOT DETECTED at or above the reporting limit |
|-----|---|
| RPD | Relative Percent Difference |
| ** | Samples not received at proper temperature of 6°C or below. |
| *** | Insufficient time to reach temperature. |
| - | Chloride by SM4500Cl-B does not require samples be received at or below 6°C |

Samples reported on an as received basis (wet) unless otherwise noted on report

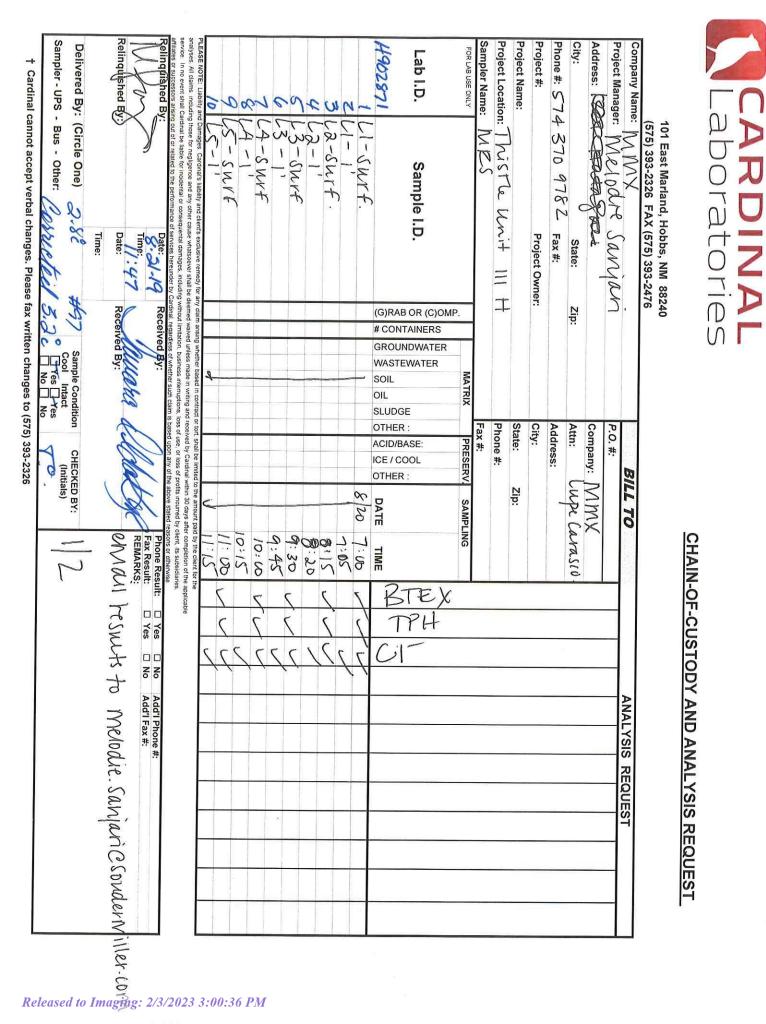
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Celey D. Keene, Lab Director/Quality Manager

Received by OCD: 12/6/2022 3:20:01 PM



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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240 (575) 393-2326 FAX (575) 393-2476

| GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER : ACID/BASE: ICE / COOL OTHER : CE / COOL OTHER : ACID/BASE: ICE / COOL OTHER : BTEX SCI SCI SCI SCI SCI SCI SCI SCI SCI SCI |
|---|
| TTHER: TIME BTEX TPH |

† Cardinal cannot accept verbal changes. Please fax written changes to (575) 393-2326

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

COMMENTS

| Operator: | OGRID: |
|-------------------------------------|---|
| DEVON ENERGY PRODUCTION COMPANY, LP | 6137 |
| 333 West Sheridan Ave. | Action Number: |
| Oklahoma City, OK 73102 | 164577 |
| | Action Type: |
| | [C-141] Release Corrective Action (C-141) |

COMMENTS

| COMINEN | | |
|---------------|--|-----------------|
| Created By | Comment | Comment Date |
| csmith | 2/3/2023 Returned to Review, Operator indicated updated OSE data was in the submittal. | 2/3/2023 |

COMMENTS

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CONDITIONS

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CONDITIONS

| Created By | | Condition Date |
|------------|------|-------------------|
| amaxwell | None | 2/3/2023 |

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Action 164577