



4801 Business Park Blvd | Hobbs, NM 88240 | Phone 575.393.5905

December 29, 2021

Attn: NMOCD

New Mexico Energy, Minerals, & Natural Resources
Oil Conservation Division, Environmental Bureau – District 2
811 S. First St.
Artesia, NM 88210

RE: **Request for Closure**
Mewbourne Oil Company – Parkchester 24 State #3H
UL/C sec. 24 T19S R32E
API No. 30-015-37998
Reference - nAPP2124236054

To Whom it May Concern:

Mewbourne Oil Company (Mewbourne) has addressed the potential environmental concerns at the above-referenced site.

Background and Previous Work

The site is located approximately fourteen and four tenths (14.4) miles southwest of Loco Hills, New Mexico at Unit Letter C of Section 24 in Township 19 South of Range 32 East (Figure 1). The latitude of the release location is 32.652581 and the longitude is -104.133530. This site is located in an area where groundwater can be anticipated to found at a depth greater than two-hundred (100) feet below ground surface (bgs).

On August 14th, 2021, Mewbourne discovered a release of approximately one-hundred sixty-eight (168) barrels (bbls) of produced water when lightning struck a fiberglass tank. An estimated one-hundred seventy-five (175) bbls were recovered as a rain event occurred prior to the lightning strike. All water was contained within the secondary containment. The release did not impact any area outside of the lined, secondary containment. The New Mexico Oil Conservation Division (NMOCD) was notified of the release on August 14th, 2021, and an initial Release Notification and Corrective Action form (C-141) was submitted to NMOCD on August 30th, 2021, for approval (Appendix C).

Once the water was removed from the lined, secondary containment, the liner was inspected for damage. On top of the berm on the north side of the containment, a few small holes had been found in the liner, at the top of the berm, above the water mark for the spill (Appendix A). A composite soil sample was retrieved below the liner holes in order to determine if the release had breached the liner integrity. The soil sample was submitted to an approved NMOCD commercial laboratory (Cardinal Laboratories in Hobbs, NM [Cardinal]) for concentration analyses of chloride, Gas

Range Organics (GRO), Diesel Range Organics (DRO), and Oil Range Organics (ORO) [TPH]. Laboratory analyses confirmed that contents of the release did not reach the holes that were melted in the liner. (Appendix B).

A contractor was hired to repair the liner. A photo shown in Appendix C indicates the repair is complete.

A discrete soil sample from the Parkchester 24 State #3H indicates that the produced water released from the lightning strike did not penetrate the ground below the liner. The soil sample was analyzed by an NMOCD approved laboratory, and concentrations of BTEX, chloride and TPH were below the recommended remediation action levels (RRAL) established for this site through Table 1 of 19.15.29 of the New Mexico Administrative Code.

Mewbourne requests site closure to the Parkchester 24 State #3H release site.

Sincerely,



Robbie Runnels
Environmental Specialist
Mewbourne Oil Company
(575) 393-5905

Attachments:

Figure 1 – Site Location Map
Appendix A – Photo Documentation
Appendix B – Laboratory Analyses
Appendix C – Final C-141
Appendix D – Notification Documents

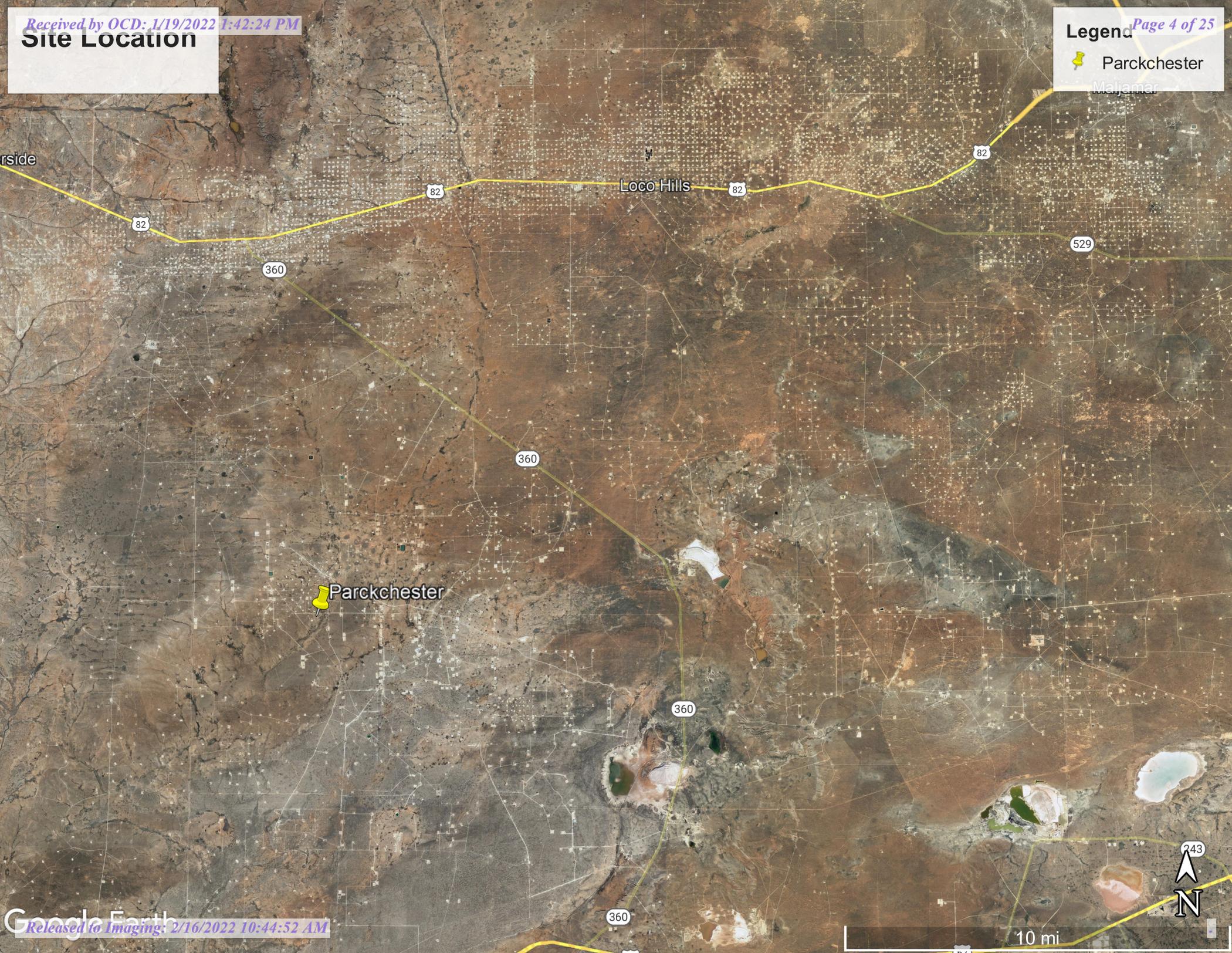
cc. Ryan Mann
State Land Office
914 N Linam St.
Hobbs, NM 88240

FIGURES

Site Location

Legend Page 4 of 25

-  Parckchester



side

82

82

82

82

360

360

529

 Parckchester

360

360

243



10 mi

PARKCHESTER 24 ST #3H

Hole in liner at top of berm above water mark

APPENDICES

APPENDIX – A

Photo Documentation



Dec 28, 2021 at 12:23:53 PM
+32.652713,-104.133254
342° N
NM, Carlsbad

Released to Imaging: 2/16/2022 10:44:52 AM

Received by OCD: 1/19/2022 1:42:24 PM







APPENDIX – B

Analytical Reports



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

November 04, 2021

ROBBIE RUNNELS
MEWBOURNE OIL COMPANY
P. O. BOX 5270
HOBBS, NM 88240

RE: PARKCHESTER 24 ST 003H

Enclosed are the results of analyses for samples received by the laboratory on 11/02/21 9:15.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-21-14. 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/qa/lab_accred_certif.html.

Cardinal Laboratories is accredited 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,

A handwritten signature in black ink that reads "Celey D. Keene".

Celey D. Keene
Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

MEWBOURNE OIL COMPANY
 ROBBIE RUNNELS
 P. O. BOX 5270
 HOBBS NM, 88240
 Fax To: (575) 937-6252

Received:	11/02/2021	Sampling Date:	11/01/2021
Reported:	11/04/2021	Sampling Type:	Soil
Project Name:	PARKCHESTER 24 ST 003H	Sampling Condition:	** (See Notes)
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NOT GIVEN		

Sample ID: LINER HOLE (H213084-01)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/03/2021	ND	2.08	104	2.00	8.16	
Toluene*	<0.050	0.050	11/03/2021	ND	1.99	99.6	2.00	7.94	
Ethylbenzene*	<0.050	0.050	11/03/2021	ND	2.04	102	2.00	7.32	
Total Xylenes*	<0.150	0.150	11/03/2021	ND	6.24	104	6.00	7.13	
Total BTEX	<0.300	0.300	11/03/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	11/03/2021	ND	416	104	400	3.92	

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	11/03/2021	ND	210	105	200	2.73	
DRO >C10-C28*	<10.0	10.0	11/03/2021	ND	216	108	200	1.63	
EXT DRO >C28-C36	<10.0	10.0	11/03/2021	ND					

Surrogate: 1-Chlorooctane 104 % 44.3-133

Surrogate: 1-Chlorooctadecane 103 % 38.9-142

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client'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 whatsoever 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, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors 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.

Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Notes and Definitions

- QR-03 The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCS/D recovery and/or RPD values.
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

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client'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 whatsoever 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, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors 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.

Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: Newbourne
Project Manager:
Address:
City: State: Zip:
Phone #: Fax #:
Project #: Project Owner:
Project Name: Parkchester 24 St 00341
Project Location:
Sampler Name: Public Runnels
BILL TO ANALYSIS REQUEST
Lab I.D. H213084
Sample I.D. Lines Hole
MATRIX: GROUNDWATER, WASTEWATER, SOIL, OIL, SLUDGE, OTHER
PRESERV.: ACID/BASE, X ICE / COOL, OTHER
SAMPLING: DATE 11/1/21, TIME 13:30
C1- BTEX TPH

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service.

Relinquished By: [Signature] Date: 11/2/21
Received By: [Signature] Date: 0915
Verbal Result: [] Yes [] No Add'l Phone #:
All Results are emailed. Please provide Email address:
REMARKS:
Delivered By: (Circle One)
Observed Temp. °C 17.2
Corrected Temp. °C 16.7
Sample Condition Cool Intact [] Yes [] No
Checked By: (Initials) TP
Turnaround Time: Standard [] Rush [x]
Bacteria (only) Sample Condition Cool Intact Observed Temp. °C [] Yes [] No
Thermometer ID #113 Correction Factor None -0.52

† Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com

APPENDIX – C

C-141

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

Incident ID	
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible Party	Mewbourne Oil Company	OGRID	14744
Contact Name	Connor Walker	Contact Telephone	806-202-5281
Contact email	cwalker@mewbourne.com	Incident #	(assigned by OCD)
Contact mailing address	4801 Business Park Blvd, Hobbs, NM 88240		

Location of Release Source

Latitude 32.652581 _____ Longitude -104.133530 _____
(NAD 83 in decimal degrees to 5 decimal places)

Site Name	Parkchester 24 St #3H	Site Type	Production Battery
Date Release Discovered	8/14/2021	API# (if applicable)	30-015-37998

Unit Letter	Section	Township	Range	County
C	24	19S	32E	Eddy

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)

<input type="checkbox"/> Crude Oil	Volume Released (bbls)	Volume Recovered (bbls)
<input checked="" type="checkbox"/> Produced Water	Volume Released (bbls) 168	Volume Recovered (bbls) 175
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<input type="checkbox"/> Condensate	Volume Released (bbls)	Volume Recovered (bbls)
<input type="checkbox"/> Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
<input type="checkbox"/> Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)

Cause of Release: The fiberglass water tank was struck by lightning and burned down. The contents of the tank were contained within secondary containment. Rainwater was present in the containment prior to the spill.

State of New Mexico
Oil Conservation Division

Incident ID	
District RP	
Facility ID	
Application ID	

Was this a major release as defined by 19.15.29.7(A) NMAC? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	If YES, for what reason(s) does the responsible party consider this a major release? The release was over 25 bbls and was the result of a fire.
If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)? Notification was given by Robbie Runnels to Cristina Eads on 8/14/2021 at 5:24PM via email.	

Initial Response

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

<input checked="" type="checkbox"/> The source of the release has been stopped. <input checked="" type="checkbox"/> The impacted area has been secured to protect human health and the environment. <input checked="" type="checkbox"/> Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices. <input checked="" type="checkbox"/> All free liquids and recoverable materials have been removed and managed appropriately.
If all the actions described above have <u>not</u> 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.
Printed Name: <u>Connor Walker</u> Title: <u>Sr. Engineer</u>
Signature:  Date: 8/16/2021
email: <u>cwalker@mewbourne.com</u> Telephone: <u>806-202-5281</u>
<u>OCD Only</u> Received by: _____ Date: _____

Incident ID	
District RP	
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?	>50' (ft bgs)
Did this release impact groundwater or surface water?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> 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)?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> 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?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a wetland?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release overlying a subsurface mine?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release overlying an unstable area such as karst geology?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Are the lateral extents of the release within a 100-year floodplain?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Did the release impact areas not on an exploration, development, production, or storage site?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> 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 ½-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.

State of New Mexico
Oil Conservation Division

Page 4

Incident ID	
District RP	
Facility ID	
Application ID	

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.

Printed Name: Connor Walker Title: Sr. Engineer

Signature:  Date: 1/10/2022

email: cwalker@mewbourne.com Telephone: 806-202-5281

OCD Only

Received by: _____ Date: _____

Incident ID	
District RP	
Facility ID	
Application ID	

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)
- 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.

Printed Name: Connor Walker Title: Sr. Engineer

Signature:  Date: 1/10/2022

email: cwalker@mewbourne.com Telephone: 806-202-5281

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:  Date: 02/16/2022

Printed Name: Jennifer Nobui Title: Environmental Specialist A

APPENDIX – D

Notification Documents

Connor Walker

From: Robbie Runnels
Sent: Thursday, October 28, 2021 8:13 AM
To: Eads, Cristina, EMNRD
Cc: Connor Walker
Subject: Parkchester 24 State 3

Ms. Eads,

Mewbourne Oil Company will be sampling on Monday, November 1, through the hole in the liner to ensure no liquids were released to the ground beneath during the lightening strike on August 14.

Thank you,

Robbie Runnels
Mewbourne Oil Company
575-602-2188 c.
575-393-5905 ext. 5092 o.



MEWBOURNE
OIL COMPANY

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

CONDITIONS

Action 73546

CONDITIONS

Operator: MEWBOURNE OIL CO P.O. Box 5270 Hobbs, NM 88241	OGRID: 14744
	Action Number: 73546
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
jnobui	Closure Report Approved. In the future, please submit photos of the intact lined secondary containment.	2/16/2022