

Incident ID	NAPP2208350357
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. 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: Connor Walker Title: Sr. Engineer

Signature:  Date: 6/10/2022

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

OCD Only

Received by: Robert Hamlet Date: 10/18/2022

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: Robert Hamlet Date: 10/18/2022

Printed Name: Robert Hamlet Title: Environmental Specialist - Advanced

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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.

<p>Characterization Report Checklist: <i>Each of the following items must be included in the report.</i></p> <ul style="list-style-type: none"> <input checked="" type="checkbox"/> Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells. <input checked="" type="checkbox"/> Field data <input checked="" type="checkbox"/> Data table of soil contaminant concentration data <input checked="" type="checkbox"/> Depth to water determination <input checked="" type="checkbox"/> Determination of water sources and significant watercourses within ½-mile of the lateral extents of the release <input checked="" type="checkbox"/> Boring or excavation logs <input checked="" type="checkbox"/> Photographs including date and GIS information <input checked="" type="checkbox"/> Topographic/Aerial maps <input checked="" type="checkbox"/> 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	
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Printed Name: Connor Walker Title: Sr. Engineer

Signature:  Date: 6/10/2022

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

OCD Only

Received by: _____ Date: _____

Incident ID	
District RP	
Facility ID	
Application ID	

Closure

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Printed Name: Connor Walker Title: Sr. Engineer

Signature:  Date: 6/10/2022

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: _____

Printed Name: _____ Title: _____

**RAZZY'S
SERVICES,
LLC**

**RAZZY'S SERVICES LLC
DIRTWORK & REMEDIATION SERVICES**

RAYBURN LEBLANC

336 CR 301
SEMINOLE, TX, 79360
Razzy39ss@yahoo.com
(432)209-6374

BRANDON BUTLER

DIAMOND B ENERGY SERVICES

4/24/2022

Remediation closure report for job known as Glock 16 Battery API#30-015-42991, located near Carlsbad, NM, @ gps coordinates 32.5780043N, -104.0717823°W. This was a crude oil spill contained on a compacted caliche location with caliche retaining wall. All standing fluid had been removed before we arrived. Impacted soil from the spill area was removed to an approximate depth of 4 inches (at truck load out) to 20 inches (at the west puddling point) from surface and placed on plastic on site by Razzy's Services. There is a slight slope from where the spill started so the oil ran to the west northwest and gathered in a low area next to the caliche retaining wall at the entrance to the battery. Eugene Bolt with OCD was contacted via telephone on 3/29/2022 and contacted via email on 3/30/2022 that excavation was completed. Twelve soil samples were collected (grab samples) from excavated floor and were taken to Cardinal Laboratories in Hobbs, NM on 4/12/2022. 60 cubic yards of contaminated soil was loaded on belly dumps and taken to J&L Land Farm in Lea County, NM. Screened caliche was brought to site and excavation was filled and packed. All documentation on samples, disposal of contaminated soil and site map have been turned over to Diamond B with this report.

Sincerely,
Rayburn LeBlanc

**TABLE 1
CONCENTRATIONS OF BENZENE, BTEX, TPH & CHLORIDE IN SOIL
MEWBOURNE OIL COMPANY
Glock 16 B2AD Fed #1H Battery
EDDY COUNTY, NEW MEXICO
UL J, SEC 17, T-23-S, R-30-E**

SAMPLE LOCATION	SAMPLE DEPTH (BGS)	SAMPLE DATE	SOIL STATUS	METHOD: EPA SW 846-8021B, 5030					METHOD: 8015M			TOTAL TPH	300
				BENZENE (mg/Kg)	TOLUENE (mg/Kg)	ETHYL-BENZENE (mg/Kg)	TOTAL XYLENES (mg/Kg)	TOTAL BTEX (mg/Kg)	GRO C ₆ -C ₁₀ (mg/Kg)	DRO C ₁₀ -C ₂₈ (mg/Kg)	EXT DRO C ₂₈ -C ₃₆ (mg/Kg)	C ₆ -C ₃₆ (mg/Kg)	CHLORIDE (mg/Kg)
Sample 1	Various	4/12/2022	Composite	<0.025	<0.048	<0.025	<0.075	<0.150	<10.0	<10.0	<10.0	<30	48
Sample 2	Various	4/13/2022	Composite	<0.025	<0.046	<0.025	<0.075	<0.150	<10.0	<10.0	<10.0	<30	48
Sample 3	Various	4/14/2022	Composite	<0.025	<0.050	<0.025	<0.075	<0.150	<10.0	<10.0	<10.0	<30	48
Sample 4	Various	4/15/2022	Composite	<0.025	<0.049	<0.025	<0.075	<0.150	<10.0	<10.0	<10.0	<30	32
Sample 5	Various	4/16/2022	Composite	<0.025	<0.048	<0.025	<0.075	<0.150	<10.0	<10.0	<10.0	<30	32
Sample 6	Various	4/17/2022	Composite	<0.025	<0.047	<0.025	<0.075	<0.150	<10.0	<10.0	<10.0	<30	16
Sample 7	Various	4/18/2022	Composite	<0.025	<0.050	<0.025	<0.075	<0.150	<10.0	<10.0	<10.0	<30	16
Sample 8	Various	4/19/2022	Composite	<0.025	<0.049	<0.025	<0.075	<0.150	<10.0	<10.0	<10.0	<30	32
Sample 9	Various	4/20/2022	Composite	<0.025	<0.047	<0.025	<0.075	<0.150	<10.0	<10.0	<10.0	<30	32
Sample 10	Various	4/21/2022	Composite	<0.025	<0.049	<0.025	<0.075	<0.150	<10.0	<10.0	<10.0	<30	32
Sample 11	Various	4/22/2022	Composite	<0.025	<0.049	<0.025	<0.075	<0.150	<10.0	<10.0	<10.0	<30	32
Sample 12	Various	4/23/2022	Composite	<0.025	<0.048	<0.025	<0.075	<0.150	<10.0	<10.0	<10.0	<30	32
Caliche	Various	4/24/2022	Composite	<0.025	<0.048	0.030	0.114	<0.150	<10.0	36.3	<10.0	<30	176
Background	Various	4/25/2022	Composite	<0.025	<0.047	<0.025	<0.075	<0.150	<10.0	<10.0	<10.0	<30	16
NMOCD Regulatory Standard				10				50				100	600

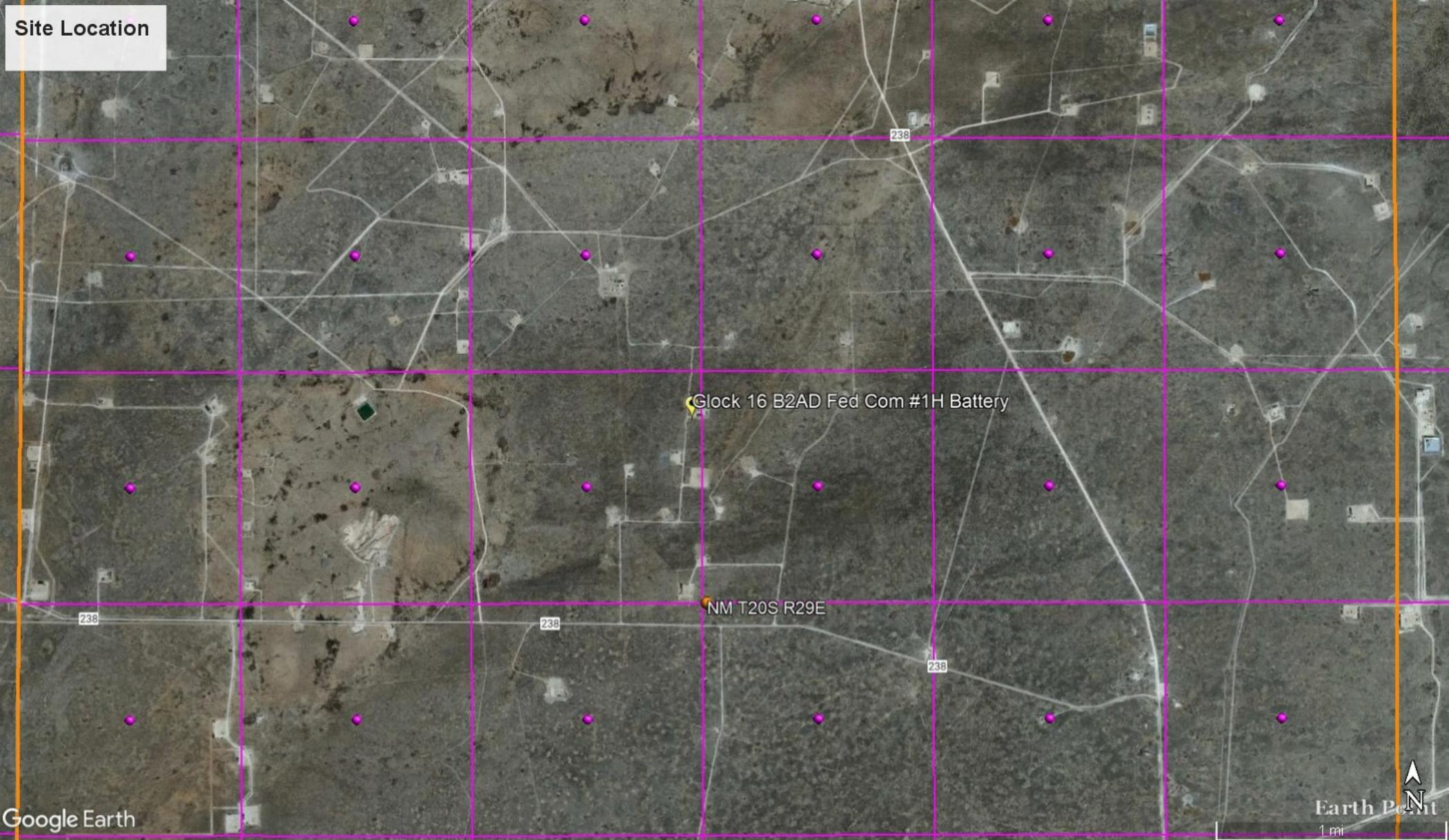




Photo Log

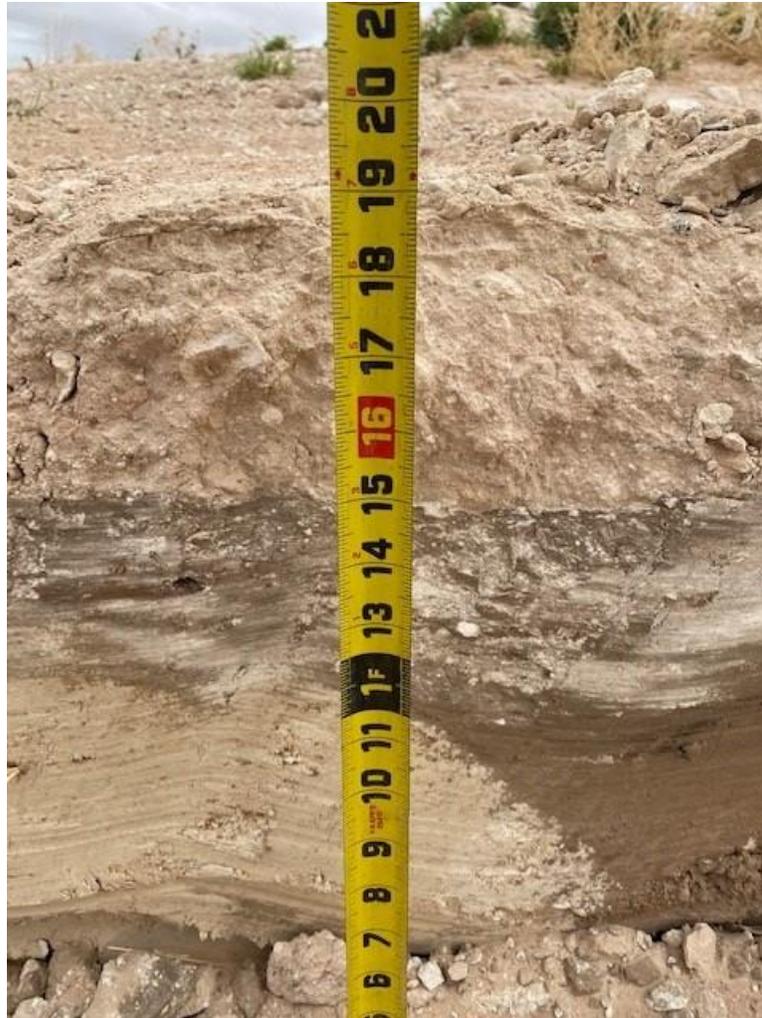
Photos provided by Razy's Services













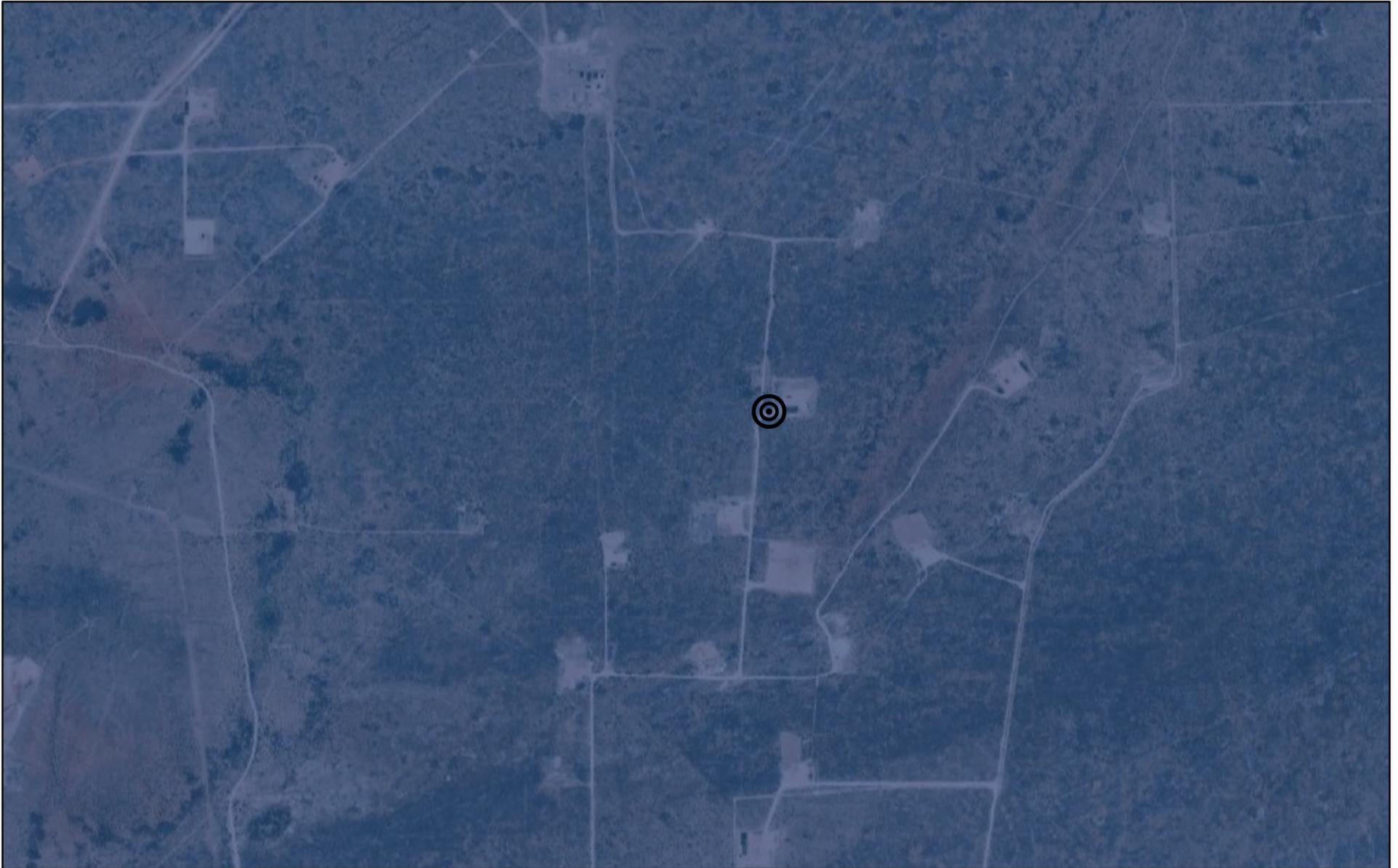






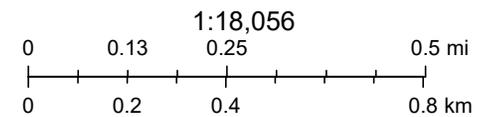


OCD Well Locations



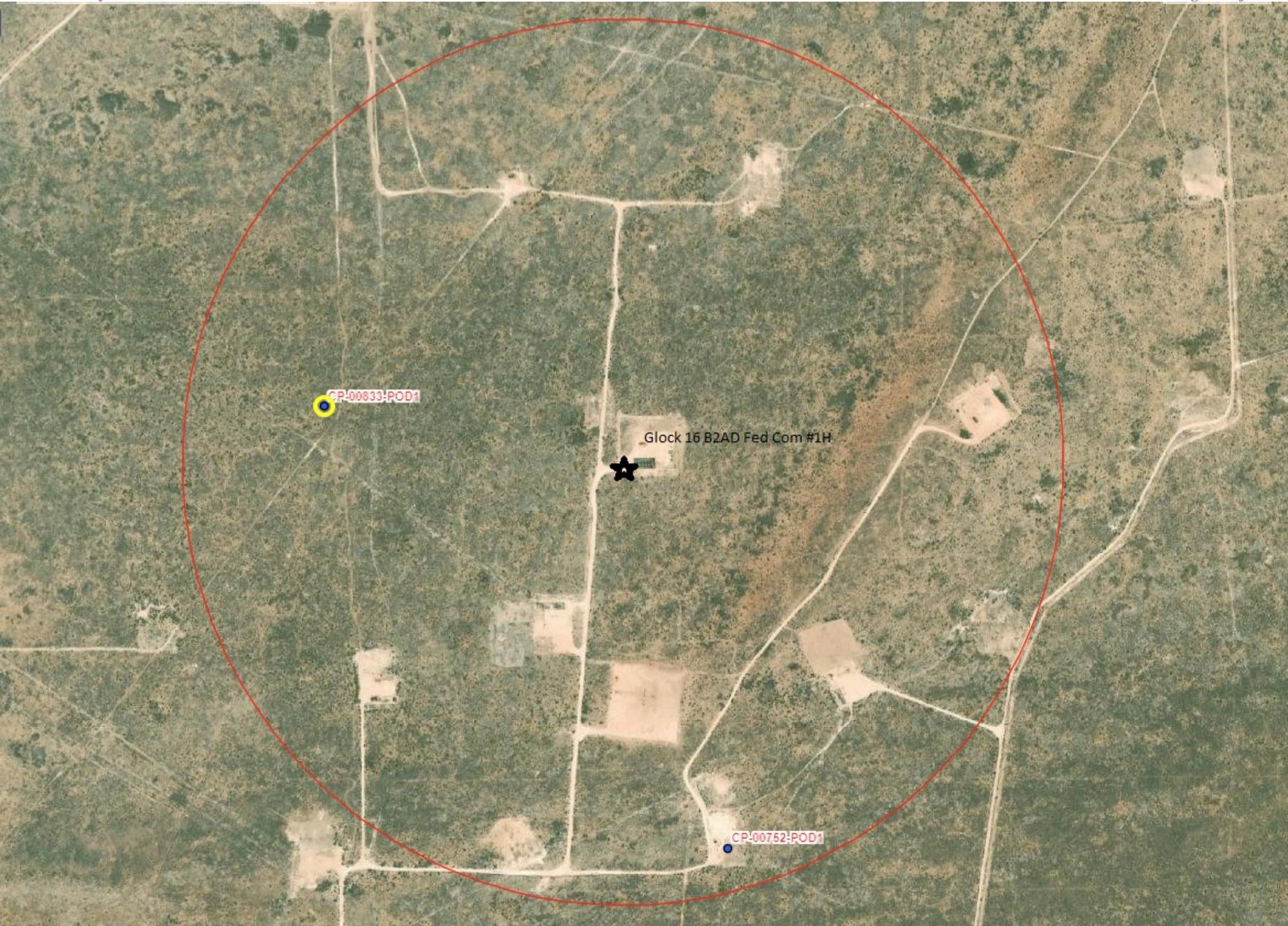
6/10/2022, 2:32:27 PM

 Override 1 Karst Occurrence Potential
 High



BLM, OCD, New Mexico Tech, Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community

New Mexico Oil Conservation Division





New Mexico Office of the State Engineer Water Column/Average Depth to Water

(A CLW##### in the POD suffix indicates the POD has been replaced & no longer serves a water right file.)

(R=POD has been replaced, O=orphaned, C=the file is closed)

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

(NAD83 UTM in meters)

(In feet)

POD Number	POD Sub-Code	basin	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Distance	Depth Well	Depth Water	Water Column
CP 00833 POD1	CP	LE		1	2	16	20S	29E		586548	3604978*	565	100		
CP 00752 POD1	CP	ED		1	3	15	20S	29E		587293	3604181	722	2567		

Average Depth to Water: --

Minimum Depth: --

Maximum Depth: --

Record Count: 2

UTMNAD83 Radius Search (in meters):

Easting (X): 587105

Northing (Y): 3604879

Radius: 804.67

*UTM location was derived from PLSS - see Help

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



Glock Wetlands Map



June 10, 2022

Wetlands

- Estuarine and Marine Deepwater
- Freshwater Emergent Wetland
- Freshwater Forested/Shrub Wetland
- Lake
- Freshwater Pond
- Other
- Riverine

This map is for general reference only. The US Fish and Wildlife Service is not responsible for the accuracy or currentness of the base data shown on this map. All wetlands related data should be used in accordance with the layer metadata found on the Wetlands Mapper web site.



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

April 18, 2022

RAYBURN LEBLANC
RAZZY'S SERVICES LLC
336 CR 301
SEMINOLE, TX 79360

RE: MEWBOURNE OIL CO

Enclosed are the results of analyses for samples received by the laboratory on 04/12/22 8:00.

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". The signature is written in a cursive style.

Celey D. Keene
Lab Director/Quality Manager



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

Analytical Results For:

RAZZY'S SERVICES LLC
 RAYBURN LEBLANC
 336 CR 301
 SEMINOLE TX, 79360
 Fax To:

Received:	04/12/2022	Sampling Date:	04/07/2022
Reported:	04/18/2022	Sampling Type:	Soil
Project Name:	MEWBOURNE OIL CO	Sampling Condition:	Cool & Intact
Project Number:	GLOCK #16	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY CO NM		

Sample ID: SAMPLE # 1 (H221487-01)

BTEX 8260B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.025	0.025	04/15/2022	ND	2.12	106	2.00	0.524	
Toluene*	<0.025	0.025	04/15/2022	ND	2.23	112	2.00	2.77	
Ethylbenzene*	<0.025	0.025	04/15/2022	ND	2.34	117	2.00	0.996	
Total Xylenes*	<0.075	0.075	04/15/2022	ND	7.15	119	6.00	3.45	
Total BTEX	<0.150	0.150	04/15/2022	ND					

Surrogate: Dibromofluoromethane 98.9 % 84-115

Surrogate: Toluene-d8 105 % 95.3-106

Surrogate: 4-Bromofluorobenzene 87.1 % 85.1-109

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	04/14/2022	ND	416	104	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	04/18/2022	ND	188	93.9	200	7.75	
DRO >C10-C28*	<10.0	10.0	04/18/2022	ND	219	110	200	7.68	
EXT DRO >C28-C36	<10.0	10.0	04/18/2022	ND					

Surrogate: 1-Chlorooctane 97.1 % 66.9-136

Surrogate: 1-Chlorooctadecane 102 % 59.5-142

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

Analytical Results For:

RAZZY'S SERVICES LLC
 RAYBURN LEBLANC
 336 CR 301
 SEMINOLE TX, 79360
 Fax To:

Received:	04/12/2022	Sampling Date:	04/07/2022
Reported:	04/18/2022	Sampling Type:	Soil
Project Name:	MEWBOURNE OIL CO	Sampling Condition:	Cool & Intact
Project Number:	GLOCK #16	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY CO NM		

Sample ID: SAMPLE # 2 (H221487-02)

BTEX 8260B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.025	0.025	04/15/2022	ND	2.12	106	2.00	0.524	
Toluene*	<0.025	0.025	04/15/2022	ND	2.23	112	2.00	2.77	
Ethylbenzene*	<0.025	0.025	04/15/2022	ND	2.34	117	2.00	0.996	
Total Xylenes*	<0.075	0.075	04/15/2022	ND	7.15	119	6.00	3.45	
Total BTEX	<0.150	0.150	04/15/2022	ND					

Surrogate: Dibromofluoromethane 100 % 84-115

Surrogate: Toluene-d8 104 % 95.3-106

Surrogate: 4-Bromofluorobenzene 88.6 % 85.1-109

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	04/14/2022	ND	416	104	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	04/14/2022	ND	200	100	200	1.96	
DRO >C10-C28*	<10.0	10.0	04/14/2022	ND	188	93.8	200	1.85	
EXT DRO >C28-C36	<10.0	10.0	04/14/2022	ND					

Surrogate: 1-Chlorooctane 107 % 66.9-136

Surrogate: 1-Chlorooctadecane 114 % 59.5-142

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

Analytical Results For:

RAZZY'S SERVICES LLC
 RAYBURN LEBLANC
 336 CR 301
 SEMINOLE TX, 79360
 Fax To:

Received:	04/12/2022	Sampling Date:	04/07/2022
Reported:	04/18/2022	Sampling Type:	Soil
Project Name:	MEWBOURNE OIL CO	Sampling Condition:	Cool & Intact
Project Number:	GLOCK #16	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY CO NM		

Sample ID: SAMPLE # 3 (H221487-03)

BTEX 8260B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.025	0.025	04/15/2022	ND	2.12	106	2.00	0.524	
Toluene*	<0.025	0.025	04/15/2022	ND	2.23	112	2.00	2.77	
Ethylbenzene*	<0.025	0.025	04/15/2022	ND	2.34	117	2.00	0.996	
Total Xylenes*	<0.075	0.075	04/15/2022	ND	7.15	119	6.00	3.45	
Total BTEX	<0.150	0.150	04/15/2022	ND					

Surrogate: Dibromofluoromethane 102 % 84-115
 Surrogate: Toluene-d8 106 % 95.3-106
 Surrogate: 4-Bromofluorobenzene 87.1 % 85.1-109

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	04/14/2022	ND	416	104	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	04/14/2022	ND	200	100	200	1.96	
DRO >C10-C28*	<10.0	10.0	04/14/2022	ND	188	93.8	200	1.85	
EXT DRO >C28-C36	<10.0	10.0	04/14/2022	ND					

Surrogate: 1-Chlorooctane 108 % 66.9-136
 Surrogate: 1-Chlorooctadecane 109 % 59.5-142

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

RAZZY'S SERVICES LLC
 RAYBURN LEBLANC
 336 CR 301
 SEMINOLE TX, 79360
 Fax To:

Received:	04/12/2022	Sampling Date:	04/07/2022
Reported:	04/18/2022	Sampling Type:	Soil
Project Name:	MEWBOURNE OIL CO	Sampling Condition:	Cool & Intact
Project Number:	GLOCK #16	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY CO NM		

Sample ID: SAMPLE # 4 (H221487-04)

BTEX 8260B		mg/kg		Analyzed By: MS				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.025	0.025	04/15/2022	ND	2.12	106	2.00	0.524	
Toluene*	<0.025	0.025	04/15/2022	ND	2.23	112	2.00	2.77	
Ethylbenzene*	<0.025	0.025	04/15/2022	ND	2.34	117	2.00	0.996	
Total Xylenes*	<0.075	0.075	04/15/2022	ND	7.15	119	6.00	3.45	
Total BTEX	<0.150	0.150	04/15/2022	ND					

Surrogate: Dibromofluoromethane 99.9 % 84-115
 Surrogate: Toluene-d8 107 % 95.3-106
 Surrogate: 4-Bromofluorobenzene 88.6 % 85.1-109

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	04/14/2022	ND	416	104	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	04/14/2022	ND	200	100	200	1.96	
DRO >C10-C28*	<10.0	10.0	04/14/2022	ND	188	93.8	200	1.85	
EXT DRO >C28-C36	<10.0	10.0	04/14/2022	ND					

Surrogate: 1-Chlorooctane 107 % 66.9-136
 Surrogate: 1-Chlorooctadecane 106 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

RAZZY'S SERVICES LLC
 RAYBURN LEBLANC
 336 CR 301
 SEMINOLE TX, 79360
 Fax To:

Received:	04/12/2022	Sampling Date:	04/07/2022
Reported:	04/18/2022	Sampling Type:	Soil
Project Name:	MEWBOURNE OIL CO	Sampling Condition:	Cool & Intact
Project Number:	GLOCK #16	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY CO NM		

Sample ID: SAMPLE # 5 (H221487-05)

BTEX 8260B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.025	0.025	04/15/2022	ND	2.12	106	2.00	0.524	
Toluene*	<0.025	0.025	04/15/2022	ND	2.23	112	2.00	2.77	
Ethylbenzene*	<0.025	0.025	04/15/2022	ND	2.34	117	2.00	0.996	
Total Xylenes*	<0.075	0.075	04/15/2022	ND	7.15	119	6.00	3.45	
Total BTEX	<0.150	0.150	04/15/2022	ND					

Surrogate: Dibromofluoromethane 101 % 84-115
 Surrogate: Toluene-d8 104 % 95.3-106
 Surrogate: 4-Bromofluorobenzene 87.1 % 85.1-109

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	04/14/2022	ND	416	104	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	04/14/2022	ND	200	100	200	1.96	
DRO >C10-C28*	<10.0	10.0	04/14/2022	ND	188	93.8	200	1.85	
EXT DRO >C28-C36	<10.0	10.0	04/14/2022	ND					

Surrogate: 1-Chlorooctane 99.4 % 66.9-136
 Surrogate: 1-Chlorooctadecane 98.1 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

RAZZY'S SERVICES LLC
 RAYBURN LEBLANC
 336 CR 301
 SEMINOLE TX, 79360
 Fax To:

Received:	04/12/2022	Sampling Date:	04/07/2022
Reported:	04/18/2022	Sampling Type:	Soil
Project Name:	MEWBOURNE OIL CO	Sampling Condition:	Cool & Intact
Project Number:	GLOCK #16	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY CO NM		

Sample ID: SAMPLE # 6 (H221487-06)

BTEX 8260B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.025	0.025	04/15/2022	ND	2.12	106	2.00	0.524	
Toluene*	<0.025	0.025	04/15/2022	ND	2.23	112	2.00	2.77	
Ethylbenzene*	<0.025	0.025	04/15/2022	ND	2.34	117	2.00	0.996	
Total Xylenes*	<0.075	0.075	04/15/2022	ND	7.15	119	6.00	3.45	
Total BTEX	<0.150	0.150	04/15/2022	ND					

Surrogate: Dibromofluoromethane 101 % 84-115

Surrogate: Toluene-d8 106 % 95.3-106

Surrogate: 4-Bromofluorobenzene 87.0 % 85.1-109

Chloride, SM4500CI-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	04/14/2022	ND	416	104	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	04/14/2022	ND	200	100	200	1.96	
DRO >C10-C28*	<10.0	10.0	04/14/2022	ND	188	93.8	200	1.85	
EXT DRO >C28-C36	<10.0	10.0	04/14/2022	ND					

Surrogate: 1-Chlorooctane 97.9 % 66.9-136

Surrogate: 1-Chlorooctadecane 99.5 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

RAZZY'S SERVICES LLC
 RAYBURN LEBLANC
 336 CR 301
 SEMINOLE TX, 79360
 Fax To:

Received:	04/12/2022	Sampling Date:	04/07/2022
Reported:	04/18/2022	Sampling Type:	Soil
Project Name:	MEWBOURNE OIL CO	Sampling Condition:	Cool & Intact
Project Number:	GLOCK #16	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY CO NM		

Sample ID: SAMPLE # 7 (H221487-07)

BTEX 8260B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.025	0.025	04/15/2022	ND	2.12	106	2.00	0.524	
Toluene*	<0.025	0.025	04/15/2022	ND	2.23	112	2.00	2.77	
Ethylbenzene*	<0.025	0.025	04/15/2022	ND	2.34	117	2.00	0.996	
Total Xylenes*	<0.075	0.075	04/15/2022	ND	7.15	119	6.00	3.45	
Total BTEX	<0.150	0.150	04/15/2022	ND					

Surrogate: Dibromofluoromethane 101 % 84-115
 Surrogate: Toluene-d8 103 % 95.3-106
 Surrogate: 4-Bromofluorobenzene 86.7 % 85.1-109

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	04/14/2022	ND	416	104	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	04/14/2022	ND	200	100	200	1.96	
DRO >C10-C28*	<10.0	10.0	04/14/2022	ND	188	93.8	200	1.85	
EXT DRO >C28-C36	<10.0	10.0	04/14/2022	ND					

Surrogate: 1-Chlorooctane 101 % 66.9-136
 Surrogate: 1-Chlorooctadecane 107 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

RAZZY'S SERVICES LLC
 RAYBURN LEBLANC
 336 CR 301
 SEMINOLE TX, 79360
 Fax To:

Received:	04/12/2022	Sampling Date:	04/07/2022
Reported:	04/18/2022	Sampling Type:	Soil
Project Name:	MEWBOURNE OIL CO	Sampling Condition:	Cool & Intact
Project Number:	GLOCK #16	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY CO NM		

Sample ID: SAMPLE # 8 (H221487-08)

BTEX 8260B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.025	0.025	04/15/2022	ND	2.12	106	2.00	0.524	
Toluene*	<0.025	0.025	04/15/2022	ND	2.23	112	2.00	2.77	
Ethylbenzene*	<0.025	0.025	04/15/2022	ND	2.34	117	2.00	0.996	
Total Xylenes*	<0.075	0.075	04/15/2022	ND	7.15	119	6.00	3.45	
Total BTEX	<0.150	0.150	04/15/2022	ND					

Surrogate: Dibromofluoromethane 101 % 84-115
 Surrogate: Toluene-d8 106 % 95.3-106
 Surrogate: 4-Bromofluorobenzene 87.1 % 85.1-109

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	04/14/2022	ND	416	104	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	04/14/2022	ND	200	100	200	1.96	
DRO >C10-C28*	<10.0	10.0	04/14/2022	ND	188	93.8	200	1.85	
EXT DRO >C28-C36	<10.0	10.0	04/14/2022	ND					

Surrogate: 1-Chlorooctane 101 % 66.9-136
 Surrogate: 1-Chlorooctadecane 106 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

RAZZY'S SERVICES LLC
 RAYBURN LEBLANC
 336 CR 301
 SEMINOLE TX, 79360
 Fax To:

Received:	04/12/2022	Sampling Date:	04/07/2022
Reported:	04/18/2022	Sampling Type:	Soil
Project Name:	MEWBOURNE OIL CO	Sampling Condition:	Cool & Intact
Project Number:	GLOCK #16	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY CO NM		

Sample ID: SAMPLE # 9 (H221487-09)

BTEX 8260B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.025	0.025	04/16/2022	ND	2.12	106	2.00	0.524	
Toluene*	<0.025	0.025	04/16/2022	ND	2.23	112	2.00	2.77	
Ethylbenzene*	<0.025	0.025	04/16/2022	ND	2.34	117	2.00	0.996	
Total Xylenes*	<0.075	0.075	04/16/2022	ND	7.15	119	6.00	3.45	
Total BTEX	<0.150	0.150	04/16/2022	ND					

Surrogate: Dibromofluoromethane 99.9 % 84-115

Surrogate: Toluene-d8 105 % 95.3-106

Surrogate: 4-Bromofluorobenzene 89.1 % 85.1-109

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	04/14/2022	ND	416	104	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	04/14/2022	ND	200	100	200	1.96	
DRO >C10-C28*	<10.0	10.0	04/14/2022	ND	188	93.8	200	1.85	
EXT DRO >C28-C36	<10.0	10.0	04/14/2022	ND					

Surrogate: 1-Chlorooctane 91.9 % 66.9-136

Surrogate: 1-Chlorooctadecane 95.5 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

RAZZY'S SERVICES LLC
 RAYBURN LEBLANC
 336 CR 301
 SEMINOLE TX, 79360
 Fax To:

Received:	04/12/2022	Sampling Date:	04/07/2022
Reported:	04/18/2022	Sampling Type:	Soil
Project Name:	MEWBOURNE OIL CO	Sampling Condition:	Cool & Intact
Project Number:	GLOCK #16	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY CO NM		

Sample ID: SAMPLE # 10 (H221487-10)

BTEX 8260B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.025	0.025	04/16/2022	ND	2.12	106	2.00	0.524	
Toluene*	<0.025	0.025	04/16/2022	ND	2.23	112	2.00	2.77	
Ethylbenzene*	<0.025	0.025	04/16/2022	ND	2.34	117	2.00	0.996	
Total Xylenes*	<0.075	0.075	04/16/2022	ND	7.15	119	6.00	3.45	
Total BTEX	<0.150	0.150	04/16/2022	ND					

Surrogate: Dibromofluoromethane 99.9 % 84-115
 Surrogate: Toluene-d8 105 % 95.3-106
 Surrogate: 4-Bromofluorobenzene 88.5 % 85.1-109

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	04/14/2022	ND	416	104	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	04/14/2022	ND	200	100	200	1.96	
DRO >C10-C28*	<10.0	10.0	04/14/2022	ND	188	93.8	200	1.85	
EXT DRO >C28-C36	<10.0	10.0	04/14/2022	ND					

Surrogate: 1-Chlorooctane 88.2 % 66.9-136
 Surrogate: 1-Chlorooctadecane 91.6 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

RAZZY'S SERVICES LLC
 RAYBURN LEBLANC
 336 CR 301
 SEMINOLE TX, 79360
 Fax To:

Received:	04/12/2022	Sampling Date:	04/07/2022
Reported:	04/18/2022	Sampling Type:	Soil
Project Name:	MEWBOURNE OIL CO	Sampling Condition:	Cool & Intact
Project Number:	GLOCK #16	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY CO NM		

Sample ID: SAMPLE # 11 (H221487-11)

BTEX 8260B		mg/kg		Analyzed By: MS				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.025	0.025	04/16/2022	ND	2.12	106	2.00	0.524	
Toluene*	<0.025	0.025	04/16/2022	ND	2.23	112	2.00	2.77	
Ethylbenzene*	<0.025	0.025	04/16/2022	ND	2.34	117	2.00	0.996	
Total Xylenes*	<0.075	0.075	04/16/2022	ND	7.15	119	6.00	3.45	
Total BTEX	<0.150	0.150	04/16/2022	ND					

Surrogate: Dibromofluoromethane 100 % 84-115
 Surrogate: Toluene-d8 107 % 95.3-106
 Surrogate: 4-Bromofluorobenzene 89.1 % 85.1-109

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	04/14/2022	ND	416	104	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	04/14/2022	ND	200	100	200	1.96	
DRO >C10-C28*	<10.0	10.0	04/14/2022	ND	188	93.8	200	1.85	
EXT DRO >C28-C36	<10.0	10.0	04/14/2022	ND					

Surrogate: 1-Chlorooctane 108 % 66.9-136
 Surrogate: 1-Chlorooctadecane 108 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

RAZZY'S SERVICES LLC
 RAYBURN LEBLANC
 336 CR 301
 SEMINOLE TX, 79360
 Fax To:

Received:	04/12/2022	Sampling Date:	04/07/2022
Reported:	04/18/2022	Sampling Type:	Soil
Project Name:	MEWBOURNE OIL CO	Sampling Condition:	Cool & Intact
Project Number:	GLOCK #16	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY CO NM		

Sample ID: SAMPLE # 12 (H221487-12)

BTEX 8260B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.025	0.025	04/16/2022	ND	2.12	106	2.00	0.524	
Toluene*	<0.025	0.025	04/16/2022	ND	2.23	112	2.00	2.77	
Ethylbenzene*	<0.025	0.025	04/16/2022	ND	2.34	117	2.00	0.996	
Total Xylenes*	<0.075	0.075	04/16/2022	ND	7.15	119	6.00	3.45	
Total BTEX	<0.150	0.150	04/16/2022	ND					

Surrogate: Dibromofluoromethane 101 % 84-115

Surrogate: Toluene-d8 105 % 95.3-106

Surrogate: 4-Bromofluorobenzene 87.9 % 85.1-109

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	04/14/2022	ND	416	104	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	04/14/2022	ND	200	100	200	1.96	
DRO >C10-C28*	<10.0	10.0	04/14/2022	ND	188	93.8	200	1.85	
EXT DRO >C28-C36	<10.0	10.0	04/14/2022	ND					

Surrogate: 1-Chlorooctane 108 % 66.9-136

Surrogate: 1-Chlorooctadecane 111 % 59.5-142

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* = Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

RAZZY'S SERVICES LLC
 RAYBURN LEBLANC
 336 CR 301
 SEMINOLE TX, 79360
 Fax To:

Received:	04/12/2022	Sampling Date:	04/07/2022
Reported:	04/18/2022	Sampling Type:	Soil
Project Name:	MEWBOURNE OIL CO	Sampling Condition:	Cool & Intact
Project Number:	GLOCK #16	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY CO NM		

Sample ID: CALICHE (H221487-13)

BTEX 8260B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.025	0.025	04/16/2022	ND	2.12	106	2.00	0.524	
Toluene*	<0.025	0.025	04/16/2022	ND	2.23	112	2.00	2.77	
Ethylbenzene*	0.030	0.025	04/16/2022	ND	2.34	117	2.00	0.996	
Total Xylenes*	0.114	0.075	04/16/2022	ND	7.15	119	6.00	3.45	
Total BTEX	<0.150	0.150	04/16/2022	ND					

Surrogate: Dibromofluoromethane 102 % 84-115
 Surrogate: Toluene-d8 102 % 95.3-106
 Surrogate: 4-Bromofluorobenzene 90.2 % 85.1-109

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	04/14/2022	ND	416	104	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	04/14/2022	ND	200	100	200	1.96	
DRO >C10-C28*	36.3	10.0	04/14/2022	ND	188	93.8	200	1.85	
EXT DRO >C28-C36	<10.0	10.0	04/14/2022	ND					

Surrogate: 1-Chlorooctane 88.9 % 66.9-136
 Surrogate: 1-Chlorooctadecane 96.5 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

RAZZY'S SERVICES LLC
 RAYBURN LEBLANC
 336 CR 301
 SEMINOLE TX, 79360
 Fax To:

Received:	04/12/2022	Sampling Date:	04/07/2022
Reported:	04/18/2022	Sampling Type:	Soil
Project Name:	MEWBOURNE OIL CO	Sampling Condition:	Cool & Intact
Project Number:	GLOCK #16	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY CO NM		

Sample ID: BACKGROUND (H221487-14)

BTEX 8260B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.025	0.025	04/16/2022	ND	2.12	106	2.00	0.524	
Toluene*	<0.025	0.025	04/16/2022	ND	2.23	112	2.00	2.77	
Ethylbenzene*	<0.025	0.025	04/16/2022	ND	2.34	117	2.00	0.996	
Total Xylenes*	<0.075	0.075	04/16/2022	ND	7.15	119	6.00	3.45	
Total BTEX	<0.150	0.150	04/16/2022	ND					

Surrogate: Dibromofluoromethane 99.7 % 84-115

Surrogate: Toluene-d8 105 % 95.3-106

Surrogate: 4-Bromofluorobenzene 88.6 % 85.1-109

Chloride, SM4500CI-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	04/14/2022	ND	416	104	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	04/14/2022	ND	200	100	200	1.96	
DRO >C10-C28*	<10.0	10.0	04/14/2022	ND	188	93.8	200	1.85	
EXT DRO >C28-C36	<10.0	10.0	04/14/2022	ND					

Surrogate: 1-Chlorooctane 105 % 66.9-136

Surrogate: 1-Chlorooctadecane 110 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

- S-04 The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
- 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

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: <u>Razzy's Services</u>		BILL TO		ANALYSIS REQUEST									
Project Manager:		P.O. #:											
Address: <u>336 CR 301</u>		Company:											
City: <u>Seminole</u> State: <u>TX</u> Zip: <u>79360</u>		Attn:											
Phone #: <u>432-209-6374</u> Fax #:		Address:											
Project #: <u>Glock #16</u> Project Owner:		City:											
Project Name: <u>Mowbrane Oil Company</u>		State: Zip:											
Project Location: <u>New Mexico - Eddy County</u>		Phone #:											
Sampler Name: <u>Rayburn LeBlanc</u>		Fax #:											

FOR LAB USE ONLY		(G)RAB OR (C)OMP. # CONTAINERS	MATRIX					PRESERV.			SAMPLING		DATE	TIME	TPH	BTEX	CL
Lab I.D.	Sample I.D.		GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:	ICE / COOL	OTHER :						
<u>HZZ1487</u>																	
<u>1</u>	<u>Sample #1</u>	<u>G1</u>			<input checked="" type="checkbox"/>							<u>4-7-22</u>	<u>1600</u>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
<u>2</u>	<u>" #2</u>																
<u>3</u>	<u>" #3</u>																
<u>4</u>	<u>" #4</u>																
<u>5</u>	<u>" #5</u>																
<u>6</u>	<u>" #6</u>																
<u>7</u>	<u>" #7</u>																
<u>8</u>	<u>" #8</u>																
<u>9</u>	<u>" #9</u>																
<u>10</u>	<u>" #10</u>																

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Relinquished By: <u>James H...</u>	Date: <u>4-12-22</u>	Received By: <u>Tamara Oldak...</u>	Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #:
Relinquished By:	Date:	Received By:	All Results are emailed. Please provide Email address:
Delivered By: (Circle One)	Observed Temp. °C <u>0.7</u>	Sample Condition Cool Intact <input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> No	REMARKS:
Sampler - UPS - Bus - Other:	Corrected Temp. °C <u>0.2</u>	CHECKED BY: (Initials) <u>YO</u>	Turnaround Time: Standard <input checked="" type="checkbox"/> Rush <input type="checkbox"/> Bacteria (only) Sample Condition Cool Intact Observed Temp. °C <input type="checkbox"/> Yes <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> No Corrected Temp. °C
FORM-006 R 3.2 10/07/21		Thermometer ID #113 Correction Factor -0.5°C	

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



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: RAZZY'S SERVICES
Project Manager:
Address: 336 CR 301
City: SEMINOLE State: TX Zip: 79360
Phone #: 432-209-6374 Fax #:
Project #: GLOCK #16 Project Owner:
Project Name: McWBARNE Oil Company
Project Location: NEW MEXICO - Eddy County
Sampler Name: RAYBUEN LEBLANC

Table with columns: Lab I.D., Sample I.D., (G)RAB OR (C)OMP., # CONTAINERS, MATRIX (GROUNDWATER, WASTEWATER, SOIL, OIL, SLUDGE, OTHER), PRESERV. (ACID/BASE, ICE/COOL, OTHER), SAMPLING (DATE, TIME), and Analysis Request columns (TPH, BTEX, CL).

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Relinquished By: James H... Date: 4-12-22 Time: 0800
Received By: Tamara Alda... Verbal Result: [] Yes [] No Add'l Phone #:
REMARKS:
Delivered By: (Circle One) Observed Temp. °C 0.7 Sample Condition Cool Intact [] Yes [] No CHECKED BY: (Initials) J.O. Turnaround Time: Standard [] Rush [x] Bacteria (only) Sample Condition Cool Intact [] Yes [] No Observed Temp. °C Corrected Temp. °C 0.2 [] Yes [] No [] No [] No Corrected Temp. °C Thermometer ID #113 Correction Factor -0.5°C

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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 115976

CONDITIONS

Operator: MEWBOURNE OIL CO P.O. Box 5270 Hobbs, NM 88241	OGRID: 14744
	Action Number: 115976
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
rhamlet	The Closure Report is approved. On future reports, if the Sample Date and Sample Depth are not correctly entered into the table, the closure will be denied.	10/18/2022