



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

March 31, 2022

DAN DUNKELBERG

TRINITY OILFIELD SERVICES & RENTALS, LLC

P. O. BOX 2587

HOBBS, NM 88241

RE: SALADO DRAW 9

Enclosed are the results of analyses for samples received by the laboratory on 03/29/22 13:35.

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



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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 DAN DUNKELBERG
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

Received:	03/29/2022	Sampling Date:	03/24/2022
Reported:	03/31/2022	Sampling Type:	Soil
Project Name:	SALADO DRAW 9	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY CO., NM		

Sample ID: SP - 1 VERTICAL @ SURFACE (H221239-01)

BTX 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	03/30/2022	ND	2.00	99.8	2.00	8.23	
Toluene*	<0.050	0.050	03/30/2022	ND	1.97	98.4	2.00	8.56	
Ethylbenzene*	<0.050	0.050	03/30/2022	ND	1.97	98.5	2.00	7.99	
Total Xylenes*	0.286	0.150	03/30/2022	ND	6.10	102	6.00	8.11	GC-NC1
Total BTX	<0.300	0.300	03/30/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 128 % 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	22200	16.0	03/31/2022	ND	400	100	400	0.00	QM-07

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	32.3	10.0	03/30/2022	ND	187	93.7	200	0.175	
DRO >C10-C28*	1640	10.0	03/30/2022	ND	185	92.4	200	0.925	
EXT DRO >C28-C36	260	10.0	03/30/2022	ND					

Surrogate: 1-Chlorooctane 110 % 66.9-136

Surrogate: 1-Chlorooctadecane 135 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 DAN DUNKELBERG
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

Received:	03/29/2022	Sampling Date:	03/24/2022
Reported:	03/31/2022	Sampling Type:	Soil
Project Name:	SALADO DRAW 9	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY CO., NM		

Sample ID: SP - 1 VERTICAL @ 1' (H221239-02)

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	03/30/2022	ND	2.00	99.8	2.00	8.23		
Toluene*	<0.050	0.050	03/30/2022	ND	1.97	98.4	2.00	8.56		
Ethylbenzene*	<0.050	0.050	03/30/2022	ND	1.97	98.5	2.00	7.99		
Total Xylenes*	<0.150	0.150	03/30/2022	ND	6.10	102	6.00	8.11		
Total BTEx	<0.300	0.300	03/30/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2840	16.0	03/31/2022	ND	400	100	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	03/30/2022	ND	187	93.7	200	0.175	
DRO >C10-C28*	13.3	10.0	03/30/2022	ND	185	92.4	200	0.925	
EXT DRO >C28-C36	<10.0	10.0	03/30/2022	ND					

Surrogate: 1-Chlorooctane 84.6 % 66.9-136

Surrogate: 1-Chlorooctadecane 88.4 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 DAN DUNKELBERG
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

Received:	03/29/2022	Sampling Date:	03/24/2022
Reported:	03/31/2022	Sampling Type:	Soil
Project Name:	SALADO DRAW 9	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY CO., NM		

Sample ID: SP - 1 VERTICAL @ 2' (H221239-03)

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	03/30/2022	ND	2.00	99.8	2.00	8.23		
Toluene*	<0.050	0.050	03/30/2022	ND	1.97	98.4	2.00	8.56		
Ethylbenzene*	<0.050	0.050	03/30/2022	ND	1.97	98.5	2.00	7.99		
Total Xylenes*	<0.150	0.150	03/30/2022	ND	6.10	102	6.00	8.11		
Total BTEx	<0.300	0.300	03/30/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 106 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2130	16.0	03/31/2022	ND	400	100	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	03/30/2022	ND	187	93.7	200	0.175	
DRO >C10-C28*	<10.0	10.0	03/30/2022	ND	185	92.4	200	0.925	
EXT DRO >C28-C36	<10.0	10.0	03/30/2022	ND					

Surrogate: 1-Chlorooctane 90.9 % 66.9-136

Surrogate: 1-Chlorooctadecane 94.0 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 DAN DUNKELBERG
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

Received:	03/29/2022	Sampling Date:	03/24/2022
Reported:	03/31/2022	Sampling Type:	Soil
Project Name:	SALADO DRAW 9	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY CO., NM		

Sample ID: SP - 1 VERTICAL @ 3' (H221239-04)

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	03/30/2022	ND	2.00	99.8	2.00	8.23		
Toluene*	<0.050	0.050	03/30/2022	ND	1.97	98.4	2.00	8.56		
Ethylbenzene*	<0.050	0.050	03/30/2022	ND	1.97	98.5	2.00	7.99		
Total Xylenes*	<0.150	0.150	03/30/2022	ND	6.10	102	6.00	8.11		
Total BTEx	<0.300	0.300	03/30/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	3120	16.0	03/31/2022	ND	400	100	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	03/30/2022	ND	187	93.7	200	0.175	
DRO >C10-C28*	<10.0	10.0	03/30/2022	ND	185	92.4	200	0.925	
EXT DRO >C28-C36	<10.0	10.0	03/30/2022	ND					

Surrogate: 1-Chlorooctane 85.6 % 66.9-136

Surrogate: 1-Chlorooctadecane 89.5 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 DAN DUNKELBERG
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

Received:	03/29/2022	Sampling Date:	03/24/2022
Reported:	03/31/2022	Sampling Type:	Soil
Project Name:	SALADO DRAW 9	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY CO., NM		

Sample ID: SP - 2 VERTICAL @ SURFACE (H221239-05)

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	03/30/2022	ND	2.00	99.8	2.00	8.23	
Toluene*	<0.050	0.050	03/30/2022	ND	1.97	98.4	2.00	8.56	
Ethylbenzene*	<0.050	0.050	03/30/2022	ND	1.97	98.5	2.00	7.99	
Total Xylenes*	<0.150	0.150	03/30/2022	ND	6.10	102	6.00	8.11	
Total BTEX	<0.300	0.300	03/30/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	10000	16.0	03/31/2022	ND	400	100	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	03/30/2022	ND	187	93.7	200	0.175	
DRO >C10-C28*	573	10.0	03/30/2022	ND	185	92.4	200	0.925	
EXT DRO >C28-C36	143	10.0	03/30/2022	ND					

Surrogate: 1-Chlorooctane 95.2 % 66.9-136

Surrogate: 1-Chlorooctadecane 111 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 DAN DUNKELBERG
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

Received:	03/29/2022	Sampling Date:	03/24/2022
Reported:	03/31/2022	Sampling Type:	Soil
Project Name:	SALADO DRAW 9	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY CO., NM		

Sample ID: SP - 2 VERTICAL @ 1' (H221239-06)

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	03/30/2022	ND	2.00	99.8	2.00	8.23		
Toluene*	<0.050	0.050	03/30/2022	ND	1.97	98.4	2.00	8.56		
Ethylbenzene*	<0.050	0.050	03/30/2022	ND	1.97	98.5	2.00	7.99		
Total Xylenes*	<0.150	0.150	03/30/2022	ND	6.10	102	6.00	8.11		
Total BTEx	<0.300	0.300	03/30/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	7600	16.0	03/31/2022	ND	400	100	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	03/30/2022	ND	187	93.7	200	0.175	
DRO >C10-C28*	<10.0	10.0	03/30/2022	ND	185	92.4	200	0.925	
EXT DRO >C28-C36	<10.0	10.0	03/30/2022	ND					

Surrogate: 1-Chlorooctane 86.1 % 66.9-136

Surrogate: 1-Chlorooctadecane 91.3 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 DAN DUNKELBERG
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

Received:	03/29/2022	Sampling Date:	03/24/2022
Reported:	03/31/2022	Sampling Type:	Soil
Project Name:	SALADO DRAW 9	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY CO., NM		

Sample ID: SP - 2 VERTICAL @ 2' (H221239-07)

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	03/30/2022	ND	2.00	99.8	2.00	8.23		
Toluene*	<0.050	0.050	03/30/2022	ND	1.97	98.4	2.00	8.56		
Ethylbenzene*	<0.050	0.050	03/30/2022	ND	1.97	98.5	2.00	7.99		
Total Xylenes*	<0.150	0.150	03/30/2022	ND	6.10	102	6.00	8.11		
Total BTEX	<0.300	0.300	03/30/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 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	4720	16.0	03/31/2022	ND	400	100	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	03/30/2022	ND	161	80.4	200	2.73	
DRO >C10-C28*	16.5	10.0	03/30/2022	ND	218	109	200	1.53	
EXT DRO >C28-C36	<10.0	10.0	03/30/2022	ND					

Surrogate: 1-Chlorooctane 105 % 66.9-136

Surrogate: 1-Chlorooctadecane 115 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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 Fax To: NONE

Received:	03/29/2022	Sampling Date:	03/24/2022
Reported:	03/31/2022	Sampling Type:	Soil
Project Name:	SALADO DRAW 9	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY CO., NM		

Sample ID: SP - 3 VERTICAL @ SURFACE (H221239-08)

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	03/30/2022	ND	2.00	99.8	2.00	8.23	
Toluene*	<0.050	0.050	03/30/2022	ND	1.97	98.4	2.00	8.56	
Ethylbenzene*	<0.050	0.050	03/30/2022	ND	1.97	98.5	2.00	7.99	
Total Xylenes*	<0.150	0.150	03/30/2022	ND	6.10	102	6.00	8.11	
Total BTEx	<0.300	0.300	03/30/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16400	16.0	03/31/2022	ND	400	100	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	03/30/2022	ND	161	80.4	200	2.73	
DRO >C10-C28*	20.3	10.0	03/30/2022	ND	218	109	200	1.53	
EXT DRO >C28-C36	<10.0	10.0	03/30/2022	ND					

Surrogate: 1-Chlorooctane 103 % 66.9-136

Surrogate: 1-Chlorooctadecane 113 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 DAN DUNKELBERG
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

Received:	03/29/2022	Sampling Date:	03/24/2022
Reported:	03/31/2022	Sampling Type:	Soil
Project Name:	SALADO DRAW 9	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY CO., NM		

Sample ID: SP - 3 VERTICAL @ 1' (H221239-09)

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	03/30/2022	ND	2.00	99.8	2.00	8.23		
Toluene*	<0.050	0.050	03/30/2022	ND	1.97	98.4	2.00	8.56		
Ethylbenzene*	<0.050	0.050	03/30/2022	ND	1.97	98.5	2.00	7.99		
Total Xylenes*	<0.150	0.150	03/30/2022	ND	6.10	102	6.00	8.11		
Total BTEX	<0.300	0.300	03/30/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 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	9330	16.0	03/31/2022	ND	400	100	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	03/30/2022	ND	161	80.4	200	2.73		
DRO >C10-C28*	<10.0	10.0	03/30/2022	ND	218	109	200	1.53		
EXT DRO >C28-C36	<10.0	10.0	03/30/2022	ND						

Surrogate: 1-Chlorooctane 103 % 66.9-136

Surrogate: 1-Chlorooctadecane 113 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 DAN DUNKELBERG
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

Received:	03/29/2022	Sampling Date:	03/24/2022
Reported:	03/31/2022	Sampling Type:	Soil
Project Name:	SALADO DRAW 9	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY CO., NM		

Sample ID: SP - 3 VERTICAL @ 2' (H221239-10)

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	03/30/2022	ND	2.00	99.8	2.00	8.23		
Toluene*	<0.050	0.050	03/30/2022	ND	1.97	98.4	2.00	8.56		
Ethylbenzene*	<0.050	0.050	03/30/2022	ND	1.97	98.5	2.00	7.99		
Total Xylenes*	<0.150	0.150	03/30/2022	ND	6.10	102	6.00	8.11		
Total BTEx	<0.300	0.300	03/30/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	7440	16.0	03/31/2022	ND	400	100	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	03/30/2022	ND	161	80.4	200	2.73	
DRO >C10-C28*	13.3	10.0	03/30/2022	ND	218	109	200	1.53	
EXT DRO >C28-C36	<10.0	10.0	03/30/2022	ND					

Surrogate: 1-Chlorooctane 95.5 % 66.9-136

Surrogate: 1-Chlorooctadecane 105 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 DAN DUNKELBERG
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

Received:	03/29/2022	Sampling Date:	03/24/2022
Reported:	03/31/2022	Sampling Type:	Soil
Project Name:	SALADO DRAW 9	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY CO., NM		

Sample ID: SP - 4 VERTICAL @ SURFACE (H221239-11)

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	03/30/2022	ND	2.00	99.8	2.00	8.23		
Toluene*	<0.050	0.050	03/30/2022	ND	1.97	98.4	2.00	8.56		
Ethylbenzene*	<0.050	0.050	03/30/2022	ND	1.97	98.5	2.00	7.99		
Total Xylenes*	<0.150	0.150	03/30/2022	ND	6.10	102	6.00	8.11		
Total BTEx	<0.300	0.300	03/30/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 106 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	19600	16.0	03/31/2022	ND	400	100	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	03/30/2022	ND	161	80.4	200	2.73	
DRO >C10-C28*	<10.0	10.0	03/30/2022	ND	218	109	200	1.53	
EXT DRO >C28-C36	<10.0	10.0	03/30/2022	ND					

Surrogate: 1-Chlorooctane 104 % 66.9-136

Surrogate: 1-Chlorooctadecane 111 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 DAN DUNKELBERG
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

Received:	03/29/2022	Sampling Date:	03/24/2022
Reported:	03/31/2022	Sampling Type:	Soil
Project Name:	SALADO DRAW 9	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY CO., NM		

Sample ID: SP - 4 VERTICAL @ 1' (H221239-12)

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	03/30/2022	ND	2.00	99.8	2.00	8.23		
Toluene*	<0.050	0.050	03/30/2022	ND	1.97	98.4	2.00	8.56		
Ethylbenzene*	<0.050	0.050	03/30/2022	ND	1.97	98.5	2.00	7.99		
Total Xylenes*	<0.150	0.150	03/30/2022	ND	6.10	102	6.00	8.11		
Total BTEx	<0.300	0.300	03/30/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 106 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	8400	16.0	03/31/2022	ND	400	100	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	03/30/2022	ND	161	80.4	200	2.73	
DRO >C10-C28*	<10.0	10.0	03/30/2022	ND	218	109	200	1.53	
EXT DRO >C28-C36	<10.0	10.0	03/30/2022	ND					

Surrogate: 1-Chlorooctane 102 % 66.9-136

Surrogate: 1-Chlorooctadecane 111 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 DAN DUNKELBERG
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

Received:	03/29/2022	Sampling Date:	03/24/2022
Reported:	03/31/2022	Sampling Type:	Soil
Project Name:	SALADO DRAW 9	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY CO., NM		

Sample ID: SP - 4 VERTICAL @ 2' (H221239-13)

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	03/30/2022	ND	2.00	99.8	2.00	8.23		
Toluene*	<0.050	0.050	03/30/2022	ND	1.97	98.4	2.00	8.56		
Ethylbenzene*	<0.050	0.050	03/30/2022	ND	1.97	98.5	2.00	7.99		
Total Xylenes*	<0.150	0.150	03/30/2022	ND	6.10	102	6.00	8.11		
Total BTEx	<0.300	0.300	03/30/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	7730	16.0	03/31/2022	ND	400	100	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	03/30/2022	ND	161	80.4	200	2.73	
DRO >C10-C28*	<10.0	10.0	03/30/2022	ND	218	109	200	1.53	
EXT DRO >C28-C36	<10.0	10.0	03/30/2022	ND					

Surrogate: 1-Chlorooctane 104 % 66.9-136

Surrogate: 1-Chlorooctadecane 113 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 DAN DUNKELBERG
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

Received:	03/29/2022	Sampling Date:	03/24/2022
Reported:	03/31/2022	Sampling Type:	Soil
Project Name:	SALADO DRAW 9	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY CO., NM		

Sample ID: SP - 5 VERTICAL @ SURFACE (H221239-14)

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	03/30/2022	ND	2.00	99.8	2.00	8.23		
Toluene*	<0.050	0.050	03/30/2022	ND	1.97	98.4	2.00	8.56		
Ethylbenzene*	<0.050	0.050	03/30/2022	ND	1.97	98.5	2.00	7.99		
Total Xylenes*	<0.150	0.150	03/30/2022	ND	6.10	102	6.00	8.11		
Total BTEx	<0.300	0.300	03/30/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	29000	16.0	03/31/2022	ND	400	100	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	03/30/2022	ND	161	80.4	200	2.73	
DRO >C10-C28*	38.1	10.0	03/30/2022	ND	218	109	200	1.53	
EXT DRO >C28-C36	<10.0	10.0	03/30/2022	ND					

Surrogate: 1-Chlorooctane 94.6 % 66.9-136

Surrogate: 1-Chlorooctadecane 105 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 DAN DUNKELBERG
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

Received:	03/29/2022	Sampling Date:	03/24/2022
Reported:	03/31/2022	Sampling Type:	Soil
Project Name:	SALADO DRAW 9	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY CO., NM		

Sample ID: SP - 5 VERTICAL @ 1' (H221239-15)

BTX 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	03/31/2022	ND	2.00	99.8	2.00	11.3		
Toluene*	<0.050	0.050	03/31/2022	ND	1.99	99.3	2.00	10.8		
Ethylbenzene*	<0.050	0.050	03/31/2022	ND	1.97	98.4	2.00	11.0		
Total Xylenes*	<0.150	0.150	03/31/2022	ND	6.08	101	6.00	10.8		
Total BTX	<0.300	0.300	03/31/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	4080	16.0	03/31/2022	ND	400	100	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	03/30/2022	ND	161	80.4	200	2.73	
DRO >C10-C28*	<10.0	10.0	03/30/2022	ND	218	109	200	1.53	
EXT DRO >C28-C36	<10.0	10.0	03/30/2022	ND					

Surrogate: 1-Chlorooctane 109 % 66.9-136

Surrogate: 1-Chlorooctadecane 115 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 DAN DUNKELBERG
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

Received:	03/29/2022	Sampling Date:	03/24/2022
Reported:	03/31/2022	Sampling Type:	Soil
Project Name:	SALADO DRAW 9	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY CO., NM		

Sample ID: SP - 5 VERTICAL @ 2' (H221239-16)

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	03/31/2022	ND	2.00	99.8	2.00	11.3		
Toluene*	<0.050	0.050	03/31/2022	ND	1.99	99.3	2.00	10.8		
Ethylbenzene*	<0.050	0.050	03/31/2022	ND	1.97	98.4	2.00	11.0		
Total Xylenes*	<0.150	0.150	03/31/2022	ND	6.08	101	6.00	10.8		
Total BTEx	<0.300	0.300	03/31/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	432	16.0	03/31/2022	ND	400	100	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	03/30/2022	ND	161	80.4	200	2.73	
DRO >C10-C28*	<10.0	10.0	03/30/2022	ND	218	109	200	1.53	
EXT DRO >C28-C36	<10.0	10.0	03/30/2022	ND					

Surrogate: 1-Chlorooctane 102 % 66.9-136

Surrogate: 1-Chlorooctadecane 111 % 59.5-142

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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 DAN DUNKELBERG
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

Received:	03/29/2022	Sampling Date:	03/24/2022
Reported:	03/31/2022	Sampling Type:	Soil
Project Name:	SALADO DRAW 9	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY CO., NM		

Sample ID: SP - 1 N @ 2' (H221239-17)

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	03/31/2022	ND	2.00	99.8	2.00	11.3		
Toluene*	<0.050	0.050	03/31/2022	ND	1.99	99.3	2.00	10.8		
Ethylbenzene*	<0.050	0.050	03/31/2022	ND	1.97	98.4	2.00	11.0		
Total Xylenes*	<0.150	0.150	03/31/2022	ND	6.08	101	6.00	10.8		
Total BTEx	<0.300	0.300	03/31/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 106 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	03/31/2022	ND	400	100	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	03/30/2022	ND	161	80.4	200	2.73	
DRO >C10-C28*	<10.0	10.0	03/30/2022	ND	218	109	200	1.53	
EXT DRO >C28-C36	<10.0	10.0	03/30/2022	ND					

Surrogate: 1-Chlorooctane 101 % 66.9-136

Surrogate: 1-Chlorooctadecane 108 % 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:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 DAN DUNKELBERG
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

Received:	03/29/2022	Sampling Date:	03/24/2022
Reported:	03/31/2022	Sampling Type:	Soil
Project Name:	SALADO DRAW 9	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY CO., NM		

Sample ID: SP - 1 S @ 2' (H221239-18)

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	03/31/2022	ND	2.00	99.8	2.00	11.3		
Toluene*	<0.050	0.050	03/31/2022	ND	1.99	99.3	2.00	10.8		
Ethylbenzene*	<0.050	0.050	03/31/2022	ND	1.97	98.4	2.00	11.0		
Total Xylenes*	<0.150	0.150	03/31/2022	ND	6.08	101	6.00	10.8		
Total BTEx	<0.300	0.300	03/31/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 69.9-140

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	03/31/2022	ND	400	100	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	03/30/2022	ND	161	80.4	200	2.73	
DRO >C10-C28*	<10.0	10.0	03/30/2022	ND	218	109	200	1.53	
EXT DRO >C28-C36	<10.0	10.0	03/30/2022	ND					

Surrogate: 1-Chlorooctane 91.2 % 66.9-136

Surrogate: 1-Chlorooctadecane 97.8 % 59.5-142

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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 DAN DUNKELBERG
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

Received:	03/29/2022	Sampling Date:	03/24/2022
Reported:	03/31/2022	Sampling Type:	Soil
Project Name:	SALADO DRAW 9	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY CO., NM		

Sample ID: SP - 1 E @ 2' (H221239-19)

BTX 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	03/31/2022	ND	2.00	99.8	2.00	11.3		
Toluene*	<0.050	0.050	03/31/2022	ND	1.99	99.3	2.00	10.8		
Ethylbenzene*	<0.050	0.050	03/31/2022	ND	1.97	98.4	2.00	11.0		
Total Xylenes*	<0.150	0.150	03/31/2022	ND	6.08	101	6.00	10.8		
Total BTX	<0.300	0.300	03/31/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 106 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	256	16.0	03/31/2022	ND	400	100	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	03/30/2022	ND	161	80.4	200	2.73	
DRO >C10-C28*	<10.0	10.0	03/30/2022	ND	218	109	200	1.53	
EXT DRO >C28-C36	<10.0	10.0	03/30/2022	ND					

Surrogate: 1-Chlorooctane 95.2 % 66.9-136

Surrogate: 1-Chlorooctadecane 104 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 DAN DUNKELBERG
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

Received:	03/29/2022	Sampling Date:	03/24/2022
Reported:	03/31/2022	Sampling Type:	Soil
Project Name:	SALADO DRAW 9	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY CO., NM		

Sample ID: SP - 2 E @ 2' (H221239-20)

BTX 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	03/31/2022	ND	2.00	99.8	2.00	11.3		
Toluene*	<0.050	0.050	03/31/2022	ND	1.99	99.3	2.00	10.8		
Ethylbenzene*	<0.050	0.050	03/31/2022	ND	1.97	98.4	2.00	11.0		
Total Xylenes*	<0.150	0.150	03/31/2022	ND	6.08	101	6.00	10.8		
Total BTX	<0.300	0.300	03/31/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	208	16.0	03/31/2022	ND	400	100	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	03/30/2022	ND	161	80.4	200	2.73	
DRO >C10-C28*	<10.0	10.0	03/30/2022	ND	218	109	200	1.53	
EXT DRO >C28-C36	<10.0	10.0	03/30/2022	ND					

Surrogate: 1-Chlorooctane 94.0 % 66.9-136

Surrogate: 1-Chlorooctadecane 102 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 DAN DUNKELBERG
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

Received:	03/29/2022	Sampling Date:	03/24/2022
Reported:	03/31/2022	Sampling Type:	Soil
Project Name:	SALADO DRAW 9	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY CO., NM		

Sample ID: SP - 2 W @ 2' (H221239-21)

BTX 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	03/31/2022	ND	2.00	99.8	2.00	11.3		
Toluene*	<0.050	0.050	03/31/2022	ND	1.99	99.3	2.00	10.8		
Ethylbenzene*	<0.050	0.050	03/31/2022	ND	1.97	98.4	2.00	11.0		
Total Xylenes*	<0.150	0.150	03/31/2022	ND	6.08	101	6.00	10.8		
Total BTX	<0.300	0.300	03/31/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 106 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	03/31/2022	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	03/30/2022	ND	161	80.4	200	2.73	
DRO >C10-C28*	<10.0	10.0	03/30/2022	ND	218	109	200	1.53	
EXT DRO >C28-C36	<10.0	10.0	03/30/2022	ND					

Surrogate: 1-Chlorooctane 100 % 66.9-136

Surrogate: 1-Chlorooctadecane 109 % 59.5-142

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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 DAN DUNKELBERG
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

Received:	03/29/2022	Sampling Date:	03/24/2022
Reported:	03/31/2022	Sampling Type:	Soil
Project Name:	SALADO DRAW 9	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY CO., NM		

Sample ID: SP - 3 E @ 2' (H221239-22)

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	03/31/2022	ND	2.00	99.8	2.00	11.3		
Toluene*	<0.050	0.050	03/31/2022	ND	1.99	99.3	2.00	10.8		
Ethylbenzene*	<0.050	0.050	03/31/2022	ND	1.97	98.4	2.00	11.0		
Total Xylenes*	<0.150	0.150	03/31/2022	ND	6.08	101	6.00	10.8		
Total BTEX	<0.300	0.300	03/31/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 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	64.0	16.0	03/31/2022	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	03/30/2022	ND	161	80.4	200	2.73	
DRO >C10-C28*	<10.0	10.0	03/30/2022	ND	218	109	200	1.53	
EXT DRO >C28-C36	<10.0	10.0	03/30/2022	ND					

Surrogate: 1-Chlorooctane 89.5 % 66.9-136

Surrogate: 1-Chlorooctadecane 98.0 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 DAN DUNKELBERG
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

Received:	03/29/2022	Sampling Date:	03/24/2022
Reported:	03/31/2022	Sampling Type:	Soil
Project Name:	SALADO DRAW 9	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY CO., NM		

Sample ID: SP - 3 W @ 2' (H221239-23)

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	03/31/2022	ND	2.00	99.8	2.00	11.3		
Toluene*	<0.050	0.050	03/31/2022	ND	1.99	99.3	2.00	10.8		
Ethylbenzene*	<0.050	0.050	03/31/2022	ND	1.97	98.4	2.00	11.0		
Total Xylenes*	<0.150	0.150	03/31/2022	ND	6.08	101	6.00	10.8		
Total BTEX	<0.300	0.300	03/31/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 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	32.0	16.0	03/31/2022	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	03/30/2022	ND	161	80.4	200	2.73	
DRO >C10-C28*	<10.0	10.0	03/30/2022	ND	218	109	200	1.53	
EXT DRO >C28-C36	<10.0	10.0	03/30/2022	ND					

Surrogate: 1-Chlorooctane 93.5 % 66.9-136

Surrogate: 1-Chlorooctadecane 88.0 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 DAN DUNKELBERG
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

Received:	03/29/2022	Sampling Date:	03/24/2022
Reported:	03/31/2022	Sampling Type:	Soil
Project Name:	SALADO DRAW 9	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY CO., NM		

Sample ID: SP - 4 E @ 2' (H221239-24)

BTX 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	03/31/2022	ND	2.00	99.8	2.00	11.3		
Toluene*	<0.050	0.050	03/31/2022	ND	1.99	99.3	2.00	10.8		
Ethylbenzene*	<0.050	0.050	03/31/2022	ND	1.97	98.4	2.00	11.0		
Total Xylenes*	<0.150	0.150	03/31/2022	ND	6.08	101	6.00	10.8		
Total BTX	<0.300	0.300	03/31/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	368	16.0	03/31/2022	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	03/30/2022	ND	161	80.4	200	2.73	
DRO >C10-C28*	<10.0	10.0	03/30/2022	ND	218	109	200	1.53	
EXT DRO >C28-C36	<10.0	10.0	03/30/2022	ND					

Surrogate: 1-Chlorooctane 89.5 % 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:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 DAN DUNKELBERG
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

Received:	03/29/2022	Sampling Date:	03/24/2022
Reported:	03/31/2022	Sampling Type:	Soil
Project Name:	SALADO DRAW 9	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY CO., NM		

Sample ID: SP - 4 W @ 2' (H221239-25)

BTX 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	03/31/2022	ND	2.00	99.8	2.00	11.3		
Toluene*	<0.050	0.050	03/31/2022	ND	1.99	99.3	2.00	10.8		
Ethylbenzene*	<0.050	0.050	03/31/2022	ND	1.97	98.4	2.00	11.0		
Total Xylenes*	<0.150	0.150	03/31/2022	ND	6.08	101	6.00	10.8		
Total BTX	<0.300	0.300	03/31/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 106 % 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	80.0	16.0	03/31/2022	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	03/30/2022	ND	161	80.4	200	2.73	
DRO >C10-C28*	11.5	10.0	03/30/2022	ND	218	109	200	1.53	
EXT DRO >C28-C36	12.6	10.0	03/30/2022	ND					

Surrogate: 1-Chlorooctane 96.0 % 66.9-136

Surrogate: 1-Chlorooctadecane 104 % 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:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 DAN DUNKELBERG
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

Received:	03/29/2022	Sampling Date:	03/24/2022
Reported:	03/31/2022	Sampling Type:	Soil
Project Name:	SALADO DRAW 9	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY CO., NM		

Sample ID: SP - 5 S @ 2' (H221239-26)

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	03/31/2022	ND	2.00	99.8	2.00	11.3		
Toluene*	<0.050	0.050	03/31/2022	ND	1.99	99.3	2.00	10.8		
Ethylbenzene*	<0.050	0.050	03/31/2022	ND	1.97	98.4	2.00	11.0		
Total Xylenes*	<0.150	0.150	03/31/2022	ND	6.08	101	6.00	10.8		
Total BTEx	<0.300	0.300	03/31/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	112	16.0	03/31/2022	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	03/30/2022	ND	161	80.4	200	2.73	
DRO >C10-C28*	10.9	10.0	03/30/2022	ND	218	109	200	1.53	
EXT DRO >C28-C36	10.6	10.0	03/30/2022	ND					

Surrogate: 1-Chlorooctane 89.4 % 66.9-136

Surrogate: 1-Chlorooctadecane 96.9 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 DAN DUNKELBERG
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

Received:	03/29/2022	Sampling Date:	03/24/2022
Reported:	03/31/2022	Sampling Type:	Soil
Project Name:	SALADO DRAW 9	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY CO., NM		

Sample ID: SP - 5 E @ 2' (H221239-27)

BTX 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	03/31/2022	ND	2.00	99.8	2.00	11.3		
Toluene*	<0.050	0.050	03/31/2022	ND	1.99	99.3	2.00	10.8		
Ethylbenzene*	<0.050	0.050	03/31/2022	ND	1.97	98.4	2.00	11.0		
Total Xylenes*	<0.150	0.150	03/31/2022	ND	6.08	101	6.00	10.8		
Total BTX	<0.300	0.300	03/31/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	160	16.0	03/31/2022	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	03/30/2022	ND	199	99.5	200	5.45	
DRO >C10-C28*	<10.0	10.0	03/30/2022	ND	186	93.0	200	6.82	
EXT DRO >C28-C36	<10.0	10.0	03/30/2022	ND					

Surrogate: 1-Chlorooctane 76.1 % 66.9-136

Surrogate: 1-Chlorooctadecane 81.0 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 DAN DUNKELBERG
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

Received:	03/29/2022	Sampling Date:	03/24/2022
Reported:	03/31/2022	Sampling Type:	Soil
Project Name:	SALADO DRAW 9	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY CO., NM		

Sample ID: SP - 5 W @ 2' (H221239-28)

BTX 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	03/31/2022	ND	2.00	99.8	2.00	11.3		
Toluene*	<0.050	0.050	03/31/2022	ND	1.99	99.3	2.00	10.8		
Ethylbenzene*	<0.050	0.050	03/31/2022	ND	1.97	98.4	2.00	11.0		
Total Xylenes*	<0.150	0.150	03/31/2022	ND	6.08	101	6.00	10.8		
Total BTX	<0.300	0.300	03/31/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	144	16.0	03/31/2022	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	03/30/2022	ND	199	99.5	200	5.45	
DRO >C10-C28*	12.5	10.0	03/30/2022	ND	186	93.0	200	6.82	
EXT DRO >C28-C36	<10.0	10.0	03/30/2022	ND					

Surrogate: 1-Chlorooctane 82.5 % 66.9-136

Surrogate: 1-Chlorooctadecane 87.6 % 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.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
GC-NC1	8260 confirmation analysis was performed; initial GC results were not supported by GC/MS analysis and are biased high with interfering compounds.
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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A handwritten signature in black ink, appearing to read "Celey D. Keene".

Celey D. Keene, Lab Director/Quality Manager



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Trinity Oilfield Services		P.O. #:		BILL TO						ANALYSIS REQUEST																																	
Project Manager: Dan Dunkelberg		Company:		Mentmore Oil Co.																																							
Address: 8426 N Dal Paso		Attn:		Robbie Runnels																																							
City: Hobbs		State: NM		Zip: 88241		Address:																																					
Phone #:		Fax #:		City:		State:		Zip:																																			
Project #:		Project Owner: (see below)		City:		State:		Zip:																																			
Project Name: Salado Draw 9		dan@trinityoilfieldservices.com		City:		State:		Zip:																																			
Project Location: Eddy Co., NM		Phone #:		City:		State:		Zip:																																			
Sample Name: Ka		Fax #:		City:		State:		Zip:																																			
FOR LAB USE ONLY		MATRIX		PRESERV.		SAMPLING																																					
Lab I.D. H221239		(G)RAB OR (C)OMP.		# CONTAINERS		GROUNDWATER		WASTEWATER		SOIL		OIL		SLUDGE		OTHER:		ACID/BASE:		ICE / COOL		OTHER:		DATE		TIME		Chloride		TPH		BTEX											
Sample I.D.		G 1		X																				3/24/2022		9:00		X		X		X											
1 SP-1 Vertical @ Surface		G 1		X																				3/24/2022		9:05		X		X		X											
2 SP-1 Vertical @ 1'		G 1		X																				3/24/2022		9:10		X		X		X											
3 SP-1 Vertical @ 2'		G 1		X																				3/24/2022		9:15		X		X		X											
4 SP-1 Vertical @ 3'		G 1		X																				3/24/2022		9:20		X		X		X											
5 SP-2 Vertical @ Surface		G 1		X																				3/24/2022		9:25		X		X		X											
6 SP-2 Vertical @ 1'		G 1		X																				3/24/2022		9:30		X		X		X											
7 SP-2 Vertical @ 2'		G 1		X																				3/24/2022		9:35		X		X		X											
8 SP-3 Vertical @ Surface		G 1		X																				3/24/2022		9:40		X		X		X											
9 SP-3 Vertical @ 1'		G 1		X																				3/24/2022		9:45		X		X		X											
10 SP-3 Vertical @ 2'		G 1		X																				3/24/2022		9:45		X		X		X											
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Delivered By: (Circle One)		Observed Temp. °C: -8.5		Corrected Temp. °C: -9.0		Sample Condition		Cool Impact		Checked By: (Initials)		Turnaround Time:		Thermometer ID #113		Correction Factor -0.5 °C		Standard		Rush		Bacteria (only) Sample Condition		Cool		Intact		Observed Temp. °C		Corrected Temp. °C													
Sampler - UPS - Bus - Other:		Corrected Temp. °C: -9.0		Cool Impact		Checked By: (Initials)		Turnaround Time:		Thermometer ID #113		Correction Factor -0.5 °C		Standard		Rush		Bacteria (only) Sample Condition		Cool		Intact		Observed Temp. °C		Corrected Temp. °C																	

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

Page 32 of 33

Page 33 of 33



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

May 04, 2022

DAN DUNKELBERG

TRINITY OILFIELD SERVICES & RENTALS, LLC

P. O. BOX 2587

HOBBS, NM 88241

RE: SALADO DRAW 9

Enclosed are the results of analyses for samples received by the laboratory on 04/29/22 15:50.

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 with a large, stylized 'C' and 'K'.

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 DAN DUNKELBERG
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

Received:	04/29/2022	Sampling Date:	04/29/2022
Reported:	05/04/2022	Sampling Type:	Soil
Project Name:	SALADO DRAW 9	Sampling Condition:	** (See Notes)
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE - EDDY CO., NM		

Sample ID: SP - 1 VERTICAL @ 4' (H221791-01)

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	672	16.0	05/03/2022	ND	432	108	400	0.00	

Sample ID: SP - 1 VERTICAL @ 5' (H221791-02)

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	05/03/2022	ND	432	108	400	0.00	

Sample ID: SP - 2 VERTICAL @ 4' (H221791-03)

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	7440	16.0	05/03/2022	ND	432	108	400	0.00	

Sample ID: SP - 2 VERTICAL @ 6' (H221791-04)

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	05/03/2022	ND	432	108	400	0.00	

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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 DAN DUNKELBERG
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

Received: 04/29/2022
 Reported: 05/04/2022
 Project Name: SALADO DRAW 9
 Project Number: NONE GIVEN
 Project Location: MEWBOURNE - EDDY CO., NM

Sampling Date: 04/29/2022
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Shalyn Rodriguez

Sample ID: SP - 3 VERTICAL @ 4' (H221791-05)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2680	16.0	05/03/2022	ND	432	108	400	0.00		

Sample ID: SP - 3 VERTICAL @ 6' (H221791-06)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	368	16.0	05/03/2022	ND	432	108	400	0.00	

Sample ID: SP - 4 VERTICAL @ 4' (H221791-07)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1680	16.0	05/03/2022	ND	432	108	400	0.00		

Sample ID: SP - 4 VERTICAL @ 6' (H221791-08)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	05/03/2022	ND	432	108	400	0.00	

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Celey D. Keene, Lab Director/Quality Manager



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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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A handwritten signature in black ink, appearing to read "Celey D. Keene".

Celey D. Keene, Lab Director/Quality Manager

 CARDINAL Laboratories		101 East Maryland, Hobbs, NM 88240 (575) 393-2326 FAX (575) 393-2476	
Company Name: Trinity Oilfield Services Project Manager: Dan Dunkelberg Address: 8425 N Dal Paso City: Hobbs State: NM Zip: 88241 Phone #: Fax #: Project #: Project Name: Salado Draw 9 Project Location: Eddy Co., NM Project Owner: (see below) dan@trinityoilfieldservices.com Project Name: KA City: State: Zip: Phone #: Fax #: P.O. #: Company: Menzies Oil Co. Attn: Robbie Runnels Address: City: State: Zip: Phone #: Fax #: BILL TO		ANALYSIS REQUEST	
CHAIN-OF-CUSTODY AND ANALYSIS REQUEST			
PLEASE NOTE: Liability and Damages. Cardinal's liability and claims are limited to the amount paid by the client for the service. 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. 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 services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated theories or otherwise.			
Relinquished By: Date: 4/29/2022 Time: 15:50 Received By: Date: 4/29/2022 Time: 9:35 Received By: Date: 4/29/2022 Time: 9:35		Verbal Result: All Results are emailed. Please provide Email address: Add'l Phone #: REMARKS:	
Delivered By: (Circle One) Sampler - UPS - Bus - Other: Observed Temp. °C: 23.16 Corrected Temp. °C: 23.16		Sample Condition: Cool Intact: Checked By: (Initials) Turnaround Time: Thermometer ID #113 Correction Factor 0.5 °C Standard: Bacteria (only) Sample Condition: Cool Intact: Observed Temp. °C: Corrected Temp. °C:	
Lab I.D. Sample I.D. SP-1 Vertical @ 4' SP-1 Vertical @ 5' SP-2 Vertical @ 4' SP-2 Vertical @ 6' SP-3 Vertical @ 4' SP-3 Vertical @ 6' SP-4 Vertical @ 4' SP-4 Vertical @ 6'		(G)RAB OR (C)OMP. # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER: ACID/BASE: ICE / COOL OTHER: DATE TIME Chloride TPH BTEX	

Incident ID	NAPP2208054520
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?	<u>>100</u> (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 type="checkbox"/> Yes <input checked="" 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 checked="" type="checkbox"/> Yes <input 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	NAPP2208054520
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. EngineerSignature:  Date: 6/3/2022email: cwalker@mewbourne.com Telephone: 806-202-5281**OCD Only**

Received by: _____ Date: _____

Incident ID	NAPP2208054520
District RP	
Facility ID	
Application ID	

Remediation Plan


Remediation Plan Checklist: *Each of the following items must be included in the plan.*

- ☒ Detailed description of proposed remediation technique
- ☒ Scaled sitemap with GPS coordinates showing delineation points
- ☒ Estimated volume of material to be remediated
- ☒ Closure criteria is to Table 1 specifications subject to 19.15.29.12(C)(4) NMAC
- ☒ Proposed schedule for remediation (note if remediation plan timeline is more than 90 days OCD approval is required)

Deferral Requests Only: *Each of the following items must be confirmed as part of any request for deferral of remediation.*

- ☐ Contamination must be in areas immediately under or around production equipment where remediation could cause a major facility deconstruction.
- ☐ Extents of contamination must be fully delineated.
- ☐ Contamination does not cause an imminent risk to human health, the environment, or groundwater.

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: 6/3/2022
email: cwalker@mewbourne.com Telephone: 806-202-5281

OCD Only

Received by: _____ Date: _____

☐ Approved ☒ Approved with Attached Conditions of Approval ☐ Denied ☐ Deferral Approved

Signature:  Date: 06/07/2022

Trinity Oilfield Services & Rentals, LLC



June 3, 2022

Oil Conservation Division, District II
811 South First Street,
Artesia, New Mexico 88210

Re: **Request for Approval of Work Plan**
Salado Draw 9 A3CN Tie-In
Tracking #: NAPP2208054520

Trinity Oilfield Services (Trinity), on behalf of Mewbourne Oil Co. (Mewbourne), hereby submits the following Work Plan in response to a release that occurred at the above referenced location, and further described below.

Site Information	
Incident ID	NAPP2208054520
Site Name	Salado Draw 9 A3CN Tie-In
Company	Mewbourne Oil Co.
County	Lea County, NM
ULSTR	C-09-26S-33E
GPS Coordinates (NAD 83)	32.063997, -103.578566
Landowner	Federal

RELEASE BACKGROUND

On 03/21/2022, Mewbourne reported a release at the referenced location. The release was caused when a steel nipple on a pipeline riser developed a hole. Approximately 10,000 ft² of the pad and pasture was found to be damp upon initial inspection

Release Information	
Date of Release	03/08/2022
Type of Release	Produced Water
Source of Release	Equipment Failure
Volume Released – Produced Water	Approximately 65 bbls
Volume Recovered – Produced Water	Approximately 35 bbls
Affected Area – Damp Soil	Pad and Pasture - Approximately 10,000 ft.
Site Location Map	Figure 1

SITE CHARACTERIZATION AND CLOSURE CRITERIA

Depth to Groundwater/Wellhead Protection:

Data Source	Well Number	Data Date	Depth (ft.)
NMOSE	NA	NA	NA
USGS	NA	NA	NA

A search of the groundwater well databases maintained by the New Mexico Office of the State Engineer (NMOSE) was conducted to determine if any registered groundwater wells are located within a 1/2 mile of the release site. The search revealed that no (0) wells occurred in the data bases that meets the NMOCD criteria for age of data, distance of the data point well from the release point and a data point well having a diagram of construction.

General Site Characterization:

Site Assessment	
Karst Potential	Medium
Distance to Watercourse	> 300 ft to Wetland
Within 100 yr Floodplain	No
Pasture Impact	Yes

A risk-based site assessment/characterization was performed in accordance with the New Mexico Oil Conservation Division (NMOCD) Rule (Title 19 Chapter 15 Part 29) for releases on oil and gas development and production in New Mexico (effective August 14, 2018). To summarize the site assessment/characterization evaluation, the affected area has medium potential for cave and karst, and no other receptors (residence, school, hospital, institution, church, mining, municipal or other ordinance boundaries) were located within the regulatorily promulgated distances from the site.

Proposed Closure Criteria:

Site & Pasture 4ft bgs	Recommended Remedial Action Levels (RRALs)
Chlorides	600 mg/kg
TPH (GRO and DRO and MRO)	100 mg/kg
Benzene	10 mg/kg
BTEX	50 mg/kg

A reclamation standard of 600 mg/kg chloride and 100 mg/kg TPH will be applied to the top four feet of the pasture area that was impacted by the release, per NMAC 19.15.29.13.D (1) for the top four feet of areas that will be reclaimed following remediation.

INITIAL ASSESMENT AND PROPOSED REMEDIATION ACTIVITES

Initial Sample Activities:

Delineation Summary	
Delineation Dates	03/24/2022 – 04/29/2022
Sample Locations	SP1 – SP5
Total Initial Samples	36
Depths Sampled	Surface to 6ft bgs.
Delineation Map	Figure 2
Laboratory Results	Table 1

All soil samples were placed into laboratory supplied glassware, labeled, and maintained on ice until delivery to NMOCD-approved laboratory (Cardinal Laboratories of Hobbs, NM) for the analysis of chloride using Method SM4500 Cl-B, Benzene, Toluene, Ethylbenzene and Xylenes (BTEX) by EPA Method 8021 B and Total Petroleum Hydrocarbon (TPH) constituents the by EPA 8015M.

Proposed Remediation Activities:

Remediation Proposal	
Proposed Remediation Dates	Within 90 days of approval
Liner Variance Request	None
Deferral Request	None
Proposed Depths Excavated	2' – 6'
Proposed 5-point Confirmation Sample Area – Floors and Walls	500 sqFt
Estimated Volume of Excavated Soil	1,850 yds

Impacted soil within the release margins will be excavated and temporarily stockpiled on-site on a 6-mil plastic sheeting, pending final disposition. The floors of the excavated area will be advanced until laboratory analytical results from confirmation soil samples indicate Chloride, Benzene, BTEX, and TPH concentrations are below the NMOCD Closure Criteria listed in the Table above, and all walls will be advanced to meet reclamation standard. Confirmation soil samples (five-point composites representing no more than 500 ft² of the excavated area) will be collected from the floor and sidewalls.

Upon receiving laboratory analytical data showing that confirmation soil samples from the excavated areas yield results below the selected NMOCD Table 1 Closure Criteria; the impacted soil will be transported under manifest to a NMOCD-approved disposal facility, and the excavated area will be backfilled with locally sourced, non-impacted "like" material.

SITE RECLAMATION AND RESTORATION

Areas affected by the release and the associated remediation activities will be restored to a condition which existed prior to the release to the extent practicable. The affected area will be contoured and/or compacted to provide erosion control, stability and preservation of surface water flow. Affected areas not on production pads and/or lease roads will be reseeded with a prescribed US Bureau of Land Management seed mixture during the first favorable growing season following closure of the site in accordance with the applicable regulatory agency.

REQUEST FOR CLOSURE

Supporting Documentation	
Initial C-141 with Spill Calculations	Signed and Attached
C-141, pages 3-5	Signed and Attached
Depth to Groundwater Maps and Source	Attached
Delineation Map	Attached
US NWI Map	Attached
FEMA Flood Hazard Map	Attached
USDA Soil Survey	Attached
Site Photography	Attached
Laboratory Analytics with COCs	Attached

The corrective actions will be completed within 90 days of receipt of approval of this proposal by the NMOCD. Upon completion of the proposed tasks, a "Remediation Summary & Closure Request" will be submitted, documenting remediation activities and results of confirmation soil samples.

Trinity Oilfield Services respectfully requests that the New Mexico Oil Conservation Division grant approval for the detailed Remediation Work Plan.

Sincerely,

Dan Dunkelberg
Project Manager

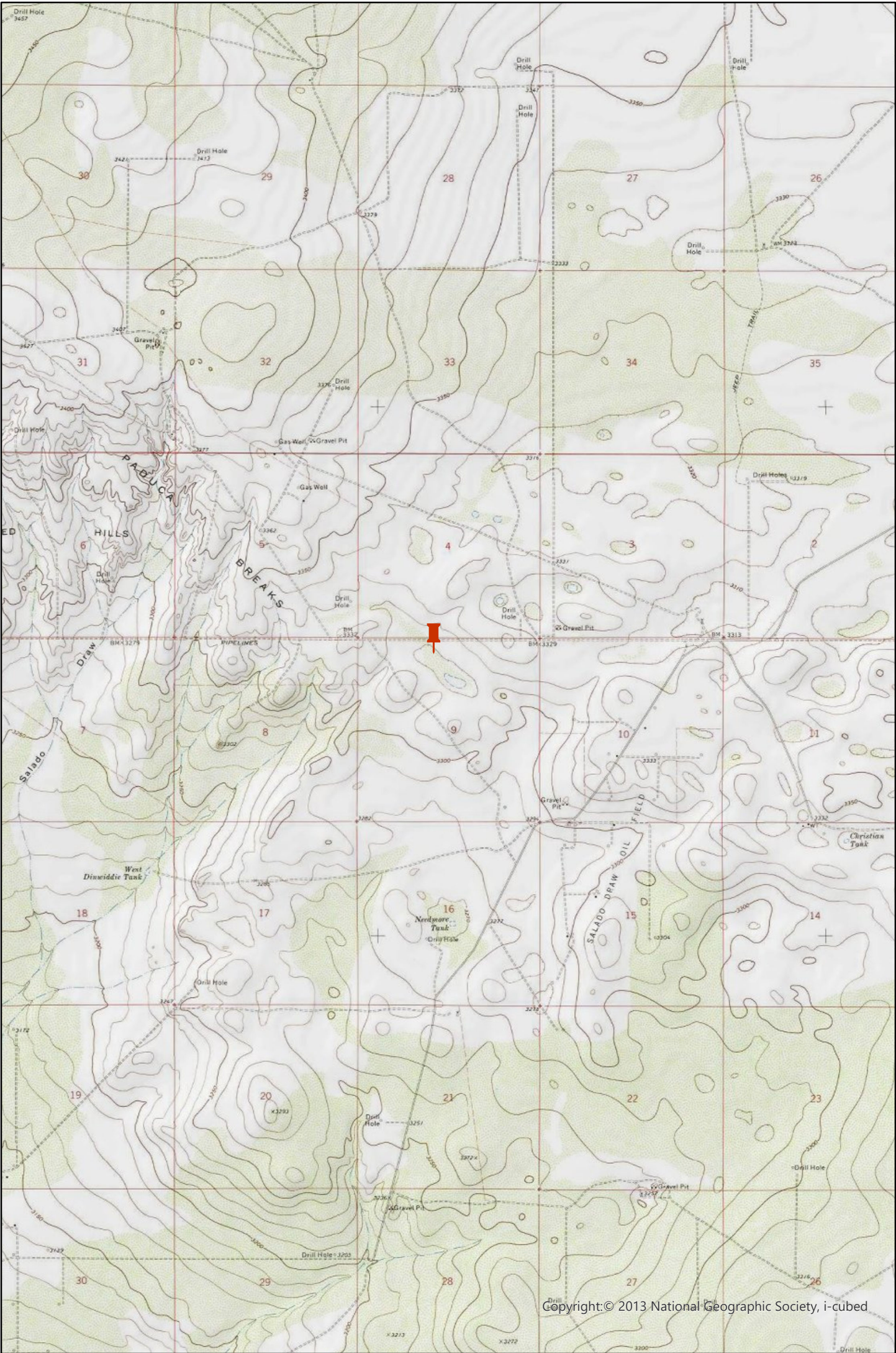


TABLE 1
CONCENTRATIONS OF BENZENE, BTEX, TPH & CHLORIDE IN SOIL

MEWBOURNE OIL COMPANY
SALADO DRAW 9 A3CN TIE IN
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE #: NAPP2208054520

SAMPLE LOCATION	SAMPLE DEPTH (BGS)	SAMPLE DATE	SAMPLE TYPE	SOIL STATUS	EPA SW-846 Method 8021B							EPA SW-846 Method 8015M					SM4500CI-B
					BENZENE (mg/Kg)	TOLUENE (mg/Kg)	ETHYL-BENZENE (mg/Kg)	M,P-XYLENES (mg/Kg)	O-XYLENE (mg/Kg)	TOTAL XYLENES (mg/Kg)	TOTAL BTEX (mg/Kg)	GRO C ₆ -C ₁₀ (mg/Kg)	DRO C ₁₀ -C ₂₈ (mg/Kg)	GRO+ DRO (mg/Kg)	MRO C ₂₈ -C ₃₆ (mg/Kg)	TPH C ₆ -C ₃₆ (mg/Kg)	CHLORIDE (mg/Kg)
NMOCD Closure Limits					10	NE	NE	NE	NE	NE	50	NE	NE	NE	NE	100	600
Vertical Delineation																	
SP - 1 @ SURFACE	0'	3/24/2022	Grab	In-Situ	<0.050	-	-	-	-	-	<0.300	32.3	1640	1672.3	260	1932.3	22200
SP - 1 @ 1'	1'	3/24/2022	Grab	In-Situ	<0.050	-	-	-	-	-	<0.300	<10.0	13.3	13.3	<10.0	13.3	2840
SP - 1 @ 2'	2'	3/24/2022	Grab	In-Situ	<0.050	-	-	-	-	-	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	2130
SP - 1 @ 3'	3'	3/24/2022	Grab	In-Situ	<0.050	-	-	-	-	-	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	3120
SP - 1 @ 4'	4'	4/29/2022	Grab	In-Situ	-	-	-	-	-	-	-	-	-	-	-	-	672
SP - 1 @ 5'	5'	4/29/2022	Grab	In-Situ	-	-	-	-	-	-	-	-	-	-	-	-	80
SP - 2 @ SURFACE	0'	3/24/2022	Grab	In-Situ	<0.050	-	-	-	-	-	<0.300	<10.0	573	573	143	716	10000
SP - 2 @ 1'	1'	3/24/2022	Grab	In-Situ	<0.050	-	-	-	-	-	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	7600
SP - 2 @ 2'	2'	3/24/2022	Grab	In-Situ	<0.050	-	-	-	-	-	<0.300	<10.0	16.5	16.5	<10.0	16.5	4720
SP - 2 @ 4'	4'	4/29/2022	Grab	In-Situ	-	-	-	-	-	-	-	-	-	-	-	-	7,440
SP - 2 @ 6'	6'	4/29/2022	Grab	In-Situ	-	-	-	-	-	-	-	-	-	-	-	-	112
SP - 3 @ SURFACE	0'	3/24/2022	Grab	In-Situ	<0.050	-	-	-	-	-	<0.300	<10.0	20.3	20.3	<10.0	20.3	16400
SP - 3 @ 1'	1'	3/24/2022	Grab	In-Situ	<0.050	-	-	-	-	-	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	9330
SP - 3 @ 2'	2'	3/24/2022	Grab	In-Situ	<0.050	-	-	-	-	-	<0.300	<10.0	13.3	13.3	<10.0	13.3	7440
SP - 3 @ 4'	4'	4/29/2022	Grab	In-Situ	-	-	-	-	-	-	-	-	-	-	-	-	2,680
SP - 3 @ 6'	6'	4/29/2022	Grab	In-Situ	-	-	-	-	-	-	-	-	-	-	-	-	368
SP - 4 @ SURFACE	0'	3/24/2022	Grab	In-Situ	<0.050	-	-	-	-	-	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	19600
SP - 4 @ 1'	1'	3/24/2022	Grab	In-Situ	<0.050	-	-	-	-	-	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	8400
SP - 4 @ 2'	2'	3/24/2022	Grab	In-Situ	<0.050	-	-	-	-	-	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	7730
SP - 4 @ 4'	4'	4/29/2022	Grab	In-Situ	-	-	-	-	-	-	-	-	-	-	-	-	1,680
SP - 4 @ 6'	6'	4/29/2022	Grab	In-Situ	-	-	-	-	-	-	-	-	-	-	-	-	80
SP - 5 @ SURFACE	0'	3/24/2022	Grab	In-Situ	<0.050	-	-	-	-	-	<0.300	<10.0	38.1	38.1	<10.0	38.1	29000
SP - 5 @ 1'	1'	3/24/2022	Grab	In-Situ	<0.050	-	-	-	-	-	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	4080
SP - 5 @ 2'	2'	3/24/2022	Grab	In-Situ	<0.050	-	-	-	-	-	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	432
Horizontal Delineation																	
SP - 1 N @ 2'	2'	3/24/2022	Grab	In-Situ	<0.050	-	-	-	-	-	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	64.0
SP - 1 S @ 2'	2'	3/24/2022	Grab	In-Situ	<0.050	-	-	-	-	-	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48.0
SP - 1 E @ 2'	2'	3/24/2022	Grab	In-Situ	<0.050	-	-	-	-	-	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	256
SP - 2 E @ 2'	2'	3/24/2022	Grab	In-Situ	<0.050	-	-	-	-	-	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	208
SP - 2 W @ 2'	2'	3/24/2022	Grab	In-Situ	<0.050	-	-	-	-	-	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	80.0
SP - 3 E @ 2'	2'	3/24/2022	Grab	In-Situ	<0.050	-	-	-	-	-	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	64.0
SP - 3 W @ 2'	2'	3/24/2022	Grab	In-Situ	<0.050	-	-	-	-	-	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
SP - 4 E @ 2'	2'	3/24/2022	Grab	In-Situ	<0.050	-	-	-	-	-	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	368
SP - 4 W @ 2'	2'	3/24/2022	Grab	In-Situ	<0.050	-	-	-	-	-	<0.300	<10.0	11.5	11.5	12.6	24.1	80.0
SP - 5 S @ 2'	2'	3/24/2022	Grab	In-Situ	<0.050	-	-	-	-	-	<0.300	<10.0	10.9	10.9	10.6	21.5	112
SP - 5 E @ 2'	2'	3/24/2022	Grab	In-Situ	<0.050	-	-	-	-	-	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	160
SP - 5 W @ 2'	2'	3/24/2022	Grab	In-Situ	<0.050	-	-	-	-	-	<0.300	<10.0	12.5	12.5	<10.0	12.5	144

Concentrations in **BOLD** exceed the NMOCD Closure Limit



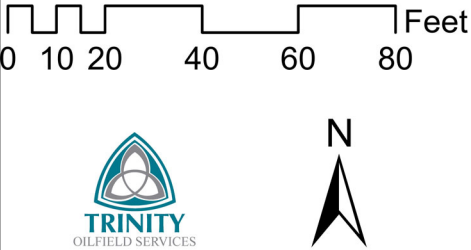
Legend:  Site Location	Figure 1 Site Location Map Mewbourne Oil Co. Salado Draw 9 A3CN Tie-In Lea County, New Mexico NMOCD Reference # NAPP2208054520	  
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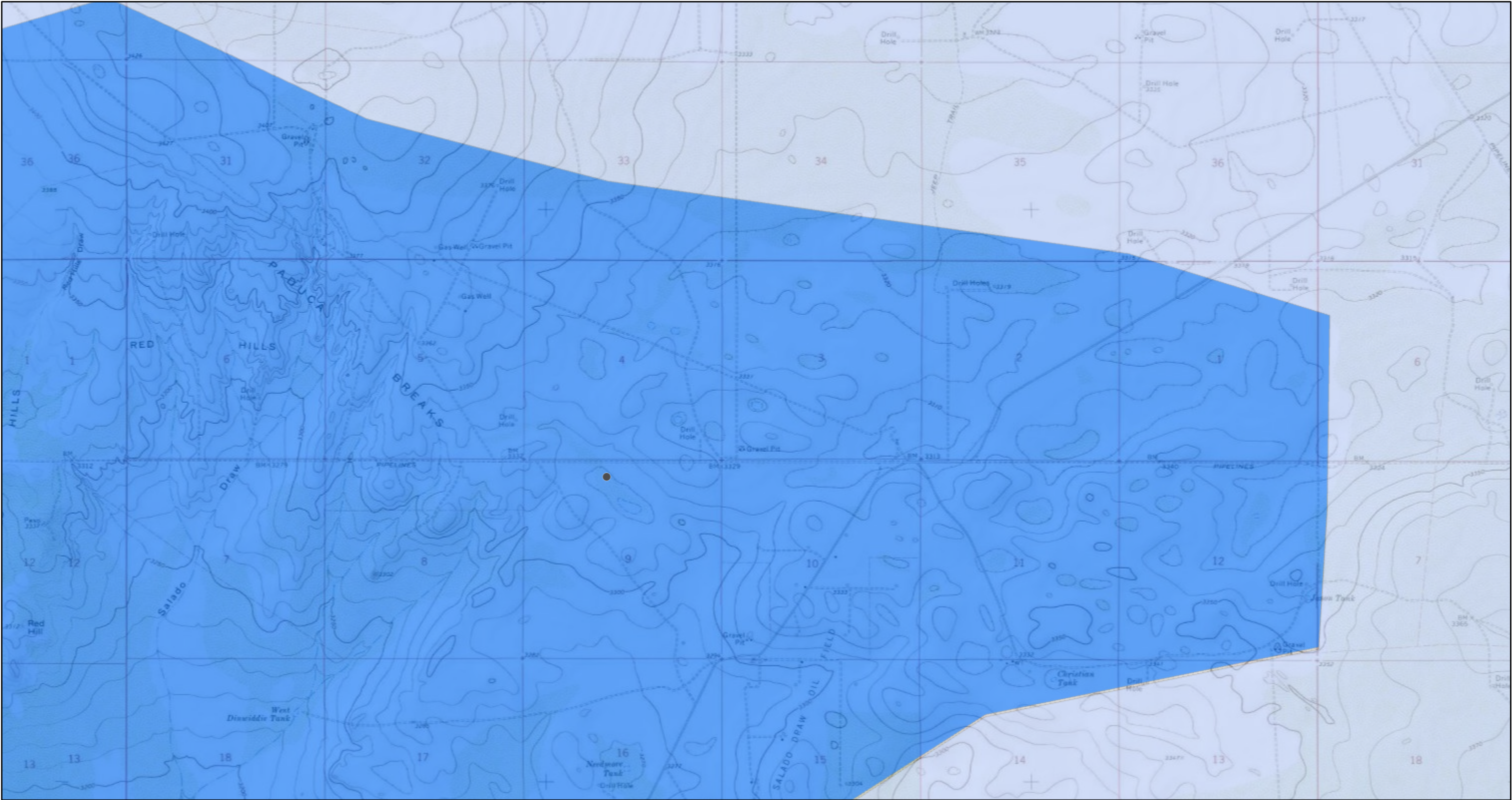
Legend:

- Sample Point
- Affected Area

Figure 2
Initial Delineation Map
Mewbourne Oil Co.
Salado Draw 9 A3CN Tie-In
Lea County, New Mexico
NMOCD Reference #
NAPP2208054520



Karst Potential | NAPP2208054520 SALADO DRAW 9 A3CN TIE IN

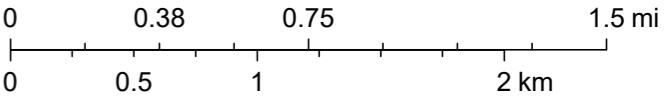


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Karst Occurrence Potential

- Medium
- Low






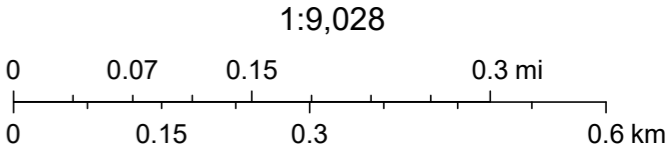
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NAPP2208054520 SALADO DRAW 9 A3CN TIE IN



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-  OSE District Boundary
- Water Right Regulations
-  Closure Area
-  SiteBoundaries



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NAPP2208054520 | SALADO DRAW 9 A30



June 3, 2022

Wetlands

- Estuarine and Marine Deepwater
- Estuarine and Marine Wetland

- Freshwater Emergent Wetland
- Freshwater Forested/Shrub Wetland
- Freshwater Pond

- Lake
- 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.

National Flood Hazard Layer FIRMette



103°35'2"W 32°4'6"N



Legend

SEE FIS REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT

SPECIAL FLOOD HAZARD AREAS		Without Base Flood Elevation (BFE) <i>Zone A, V, A99</i>
		With BFE or Depth <i>Zone AE, AO, AH, VE, AR</i>
		Regulatory Floodway
OTHER AREAS OF FLOOD HAZARD		0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile <i>Zone X</i>
		Future Conditions 1% Annual Chance Flood Hazard <i>Zone X</i>
		Area with Reduced Flood Risk due to Levee. See Notes. <i>Zone X</i>
		Area with Flood Risk due to Levee <i>Zone D</i>
OTHER AREAS		NO SCREEN Area of Minimal Flood Hazard <i>Zone X</i>
		Effective LOMRs
		Area of Undetermined Flood Hazard <i>Zone D</i>
GENERAL STRUCTURES		Channel, Culvert, or Storm Sewer
		Levee, Dike, or Floodwall
OTHER FEATURES		20.2 Cross Sections with 1% Annual Chance Water Surface Elevation
		17.5 Coastal Transect
		Base Flood Elevation Line (BFE)
		Limit of Study
		Jurisdiction Boundary
		Coastal Transect Baseline
		Profile Baseline
		Hydrographic Feature
MAP PANELS		Digital Data Available
		No Digital Data Available
		Unmapped



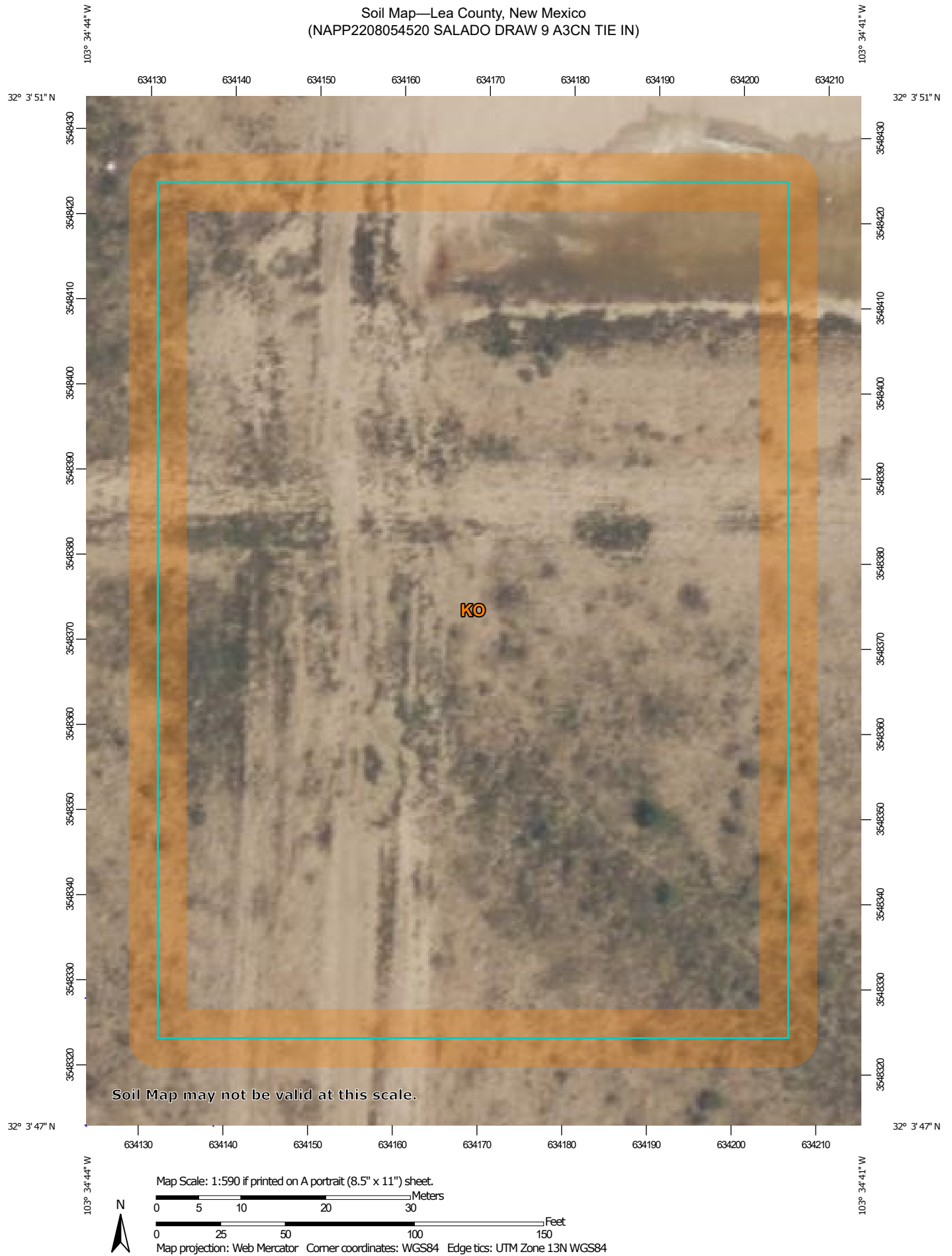
The pin displayed on the map is an approximate point selected by the user and does not represent an authoritative property location.

This map complies with FEMA's standards for the use of digital flood maps if it is not void as described below. The basemap shown complies with FEMA's basemap accuracy standards

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 6/3/2022 at 5:14 PM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

This map image is void if the one or more of the following map elements do not appear: basemap imagery, flood zone labels, legend, scale bar, map creation date, community identifiers, FIRM panel number, and FIRM effective date. Map images for unmapped and unmodernized areas cannot be used for regulatory purposes.

Soil Map—Lea County, New Mexico
(NAPP2208054520 SALADO DRAW 9 A3CN TIE IN)



Natural Resources
Conservation Service


Web Soil Survey
National Cooperative Soil Survey

6/3/2022
Page 1 of 3

Soil Map—Lea County, New Mexico
(NAPP2208054520 SALADO DRAW 9 A3CN TIE IN)

MAP LEGEND

Area of Interest (AOI)

 Area of Interest (AOI)

Soils

 Soil Map Unit Polygons

 Soil Map Unit Lines

 Soil Map Unit Points

Special Point Features



Blowout



Borrow Pit



Clay Spot



Closed Depression



Gravel Pit



Gravelly Spot



Landfill



Lava Flow



Marsh or swamp



Mine or Quarry



Miscellaneous Water



Perennial Water



Rock Outcrop



Saline Spot



Sandy Spot



Severely Eroded Spot



Sinkhole



Slide or Slip



Sodic Spot



Spoil Area



Stony Spot



Very Stony Spot



Wet Spot



Other



Special Line Features

Water Features



Streams and Canals

Transportation



Rails



Interstate Highways



US Routes



Major Roads



Local Roads

Background



Aerial Photography

MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:20,000.

Warning: Soil Map may not be valid at this scale.

Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale.

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service

Web Soil Survey URL:

Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: Lea County, New Mexico

Survey Area Data: Version 18, Sep 10, 2021

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: Feb 7, 2020—May 12, 2020

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
KO	Kimbrough gravelly loam, dry, 0 to 3 percent slopes	1.9	100.0%
Totals for Area of Interest		1.9	100.0%

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 113531

CONDITIONS

Operator: MEWBOURNE OIL CO P.O. Box 5270 Hobbs, NM 88241	OGRID: 14744
	Action Number: 113531
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
jnobui	Remediation Plan Approved with Conditions. Composite confirmation samples will be collected from the bottom and sidewalls of the excavation from areas representing no more than four hundred (400) square feet. Please include photos in the Closure Report.	6/7/2022