District I 6625 N. French Dr., Hobbs, NM 88240 District III 000 Rio Brazos Road, Aztec, NM 87410 District IV 1220 S. St. Francis Dr., Santa Fe, NM 8750

State of New Mexico Energy Minerals and Natural Resources

Form C-141 Revised April 3, 2017

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

	cis Dr., Santa			30	inta Fe	<u>, NM 8750</u>	12				
			Rele	ase Notific	cation	and Co	rrective A	ction	0.4		
						OPERAT	OR	\boxtimes	Initial	Report	Final Repor
							ADE DITTRIC		211		
						Telephone N		2828	_	-	
			55 UNTI			Facility Type	WELL	_	-	_	
Surface Ow	ner FEL	DERAL		Mineral C)wner	FEDERAL		A	PI No.	30-025	-44184
LOCATIO						OF REL	EASE				
Unit Letter	Section	Township	Range	Feet from the	North/	South Line	Feet from the	East/West	Line		County
М	17	245	32E	280	S	DUTH	1146	WEST	r		LEA
			Latitud	le_ <u>32.210962</u>	2Lor	ngitude_ <u>-10</u>	3.7015845	NAD83			
				NAT	TRE	OF RELE	ASE				
Type of Rele	ase DIES	EL			URE	Volume of I		Va	lume Re	covered	0 bbls
Source of Re			Diesel tar	nk failed causing	g leak	Date and Ho	our of Occurrenc			lour of Dis	
Was Immedi	ate Notice (liven?				02/27/2018 If YES, To	Whom?				
TT MO EILITIGUI	ale Houle C		Yes 🗌	No 🗌 Not Re	equired		J-NMOCD; SHE	ELLY TUCH	KER-BL	М	
By Whom?		ITTRICH					our 02/28/2018				
Was a Water	course Reac		Yes 🛛	No		If YES, Vol	ume Impacting t	he Watercou	urse.		
10 111											
If a Watercoi	irse was Im	pacted, Descri	ibe Fully.*			DEC	EIVED				
						By C	Divia Yu a	at 9:00	am, I	Mar 14	4, 2018
Describe Cau	se of Proble	em and Remed	dial Action	n Taken.*							
Connection	on Diesel	tank failed c	ausing le	ak. Connection I	has heen	renaired and r	eturned to servic				
Connection	on Dieser	unik turioù e	adonie ie	ik. Connection i	nus been	reparred and r	cluttica to set vic	. G.,			
Describe Are	a Affected :	and Cleanup A	Action Tak	en.*							
		ing cloundp i	ienon ran								
	1			75x100 (measu				n GPS track	king). R	Remediation	on will be
	n accordan			75x100 (measu plan approved				n GPS track	king). R	Remediatio	on will be
completed i		ice with a rei	mediation	ı plan approved	by the l	NMOCD and	I BLM.				
completed i I hereby certi	ify that the i	nce with a ren	mediation	i plan approved	by the l	NMOCD and	i BLM.	nderstand th	nat pursu	ant to NM	OCD rules and
completed i I hereby certi regulations a public health	ify that the i ll operators or the envir	nformation gi are required to ronment. The	ven above o report an acceptance	i plan approved is true and comp d/or file certain r e of a C-141 repo	by the l blete to the release no	NMOCD and e best of my l otifications an NMOCD ma	I BLM.	nderstand the stire actions eport " does	nat pursu for relea	ant to NM ases which	OCD rules and may endanger rator of liability
I hereby certi regulations a public health should their of	fy that the i ll operators or the envir operations h	nformation gi are required to ronment. The ave failed to a	ven above o report an acceptance dequately	is true and comp d/or file certain r e of a C-141 repo investigate and r	by the l elete to the release no ort by the remediate	NMOCD and e best of my l otifications an NMOCD ma contaminatic	BLM. snowledge and u d perform correc rked as "Final Ro on that pose a thro	nderstand th tive actions eport" does eat to groun	nat pursu for relea not relie d water,	ant to NM ases which we the open surface wa	OCD rules and may endanger rator of liability ater, human health
I hereby certi regulations a public health should their o or the enviro	ify that the i ll operators or the envir operations h nment. In a	nformation gi are required to ronment. The ave failed to a	ven above o report an acceptanc idequately OCD accep	i plan approved is true and comp d/or file certain r e of a C-141 repo	by the l elete to the release no ort by the remediate	NMOCD and e best of my l otifications an NMOCD ma contaminatic	BLM. snowledge and u d perform correc rked as "Final Ro on that pose a thro	nderstand th tive actions eport" does eat to groun	nat pursu for relea not relie d water,	ant to NM ases which we the open surface wa	OCD rules and may endanger rator of liability ater, human health
I hereby certi regulations a public health should their o or the enviro	ify that the i ll operators or the envir operations h nment. In a	nformation gi are required to ronment. The ave failed to a ddition, NMO	ven above o report an acceptanc idequately OCD accep	is true and comp d/or file certain r e of a C-141 repo investigate and r	by the l elete to the release no ort by the remediate	NMOCD and e best of my l otifications an NMOCD ma contaminatic	BLM. snowledge and u d perform correc rked as "Final Ro on that pose a thro	nderstand th tive actions eport" does eat to groun responsibilit	nat pursu for relea not relie d water, sy for cos	ant to NM ases which eve the oper surface wa mpliance v	OCD rules and may endanger rator of liability ater, human health vith any other
I hereby certi regulations a public health should their o or the enviro federal, state	ify that the i ll operators or the envir operations h nment. In a	nformation gi are required to ronment. The ave failed to a ddition, NMO	ven above o report an acceptanc idequately OCD accep	is true and comp d/or file certain r e of a C-141 repo investigate and r	by the l elete to the release no ort by the remediate	NMOCD and e best of my l otifications an NMOCD ma contaminatic	a BLM. cnowledge and u d perform correc rked as "Final R on that pose a thre the operator of a	nderstand th tive actions eport" does eat to groun responsibilit	nat pursu for relea not relie d water, sy for cos	ant to NM ases which eve the oper surface wa mpliance v	OCD rules and may endanger rator of liability ater, human health vith any other
I hereby certi regulations a public health should their o or the enviro federal, state Signature:	ify that the i ll operators or the envir operations h nment. In a or local law	nformation gi are required to ronment. The ave failed to a ddition, NMO ws and/or regu	ven above o report an acceptanc idequately OCD accep	is true and comp d/or file certain r e of a C-141 repo investigate and r	by the l blete to the release no ort by the remediate report do	NMOCD and the best of my h otifications an NMOCD ma contamination bes not relieve	a BLM. cnowledge and u d perform correc rked as "Final R on that pose a thre the operator of a	nderstand the stive actions eport" does eat to groum responsibilit SERVAT	nat pursu for relea not relie d water, sy for cos	ant to NM ases which eve the oper surface wa mpliance v	OCD rules and may endanger rator of liability ater, human health vith any other
I hereby certi regulations a public health should their o or the enviro federal, state	ify that the i ll operators or the envir operations h nment. In a or local law	nformation gi are required to ronment. The ave failed to a ddition, NMO	ven above o report an acceptanc idequately OCD accep	is true and comp d/or file certain r e of a C-141 repo investigate and r	by the l blete to the release no ort by the remediate report do	NMOCD and the best of my h otifications an NMOCD ma contamination bes not relieve	a BLM. anowledge and u d perform correc rked as "Final Ro on that pose a thre the operator of a <u>OIL CON</u> Environmental S	nderstand the stive actions eat to groum responsibilit SERVAT Pecialist:	nat pursu for relea not relie d water, sy for cos	ant to NM ases which eve the oper surface wa mpliance v	OCD rules and may endanger rator of liability ater, human health vith any other
I hereby certiregulations a public health should their of or the environ federal, state Signature: Printed Name	ify that the i ll operators or the envir operations h nment. In a or local law	nformation gi are required to ronment. The ave failed to a ddition, NMO ws and/or regu	ven above o report an acceptance adequately OCD accep ilations.	is true and comp d/or file certain r e of a C-141 repo investigate and r	by the l plete to the release no ort by the remediate report do	NMOCD and the best of my h otifications an NMOCD ma contamination bes not relieve	a BLM. anowledge and u d perform correc rked as "Final Ro on that pose a thre the operator of r <u>OIL CONS</u> Environmental S	nderstand the stive actions eport" does eat to groum responsibilit SERVAT Pecialist:	nat pursu for relea not relie d water, sy for cos	aant to NM ases which sve the oper surface wa mpliance v DIVISIC	OCD rules and may endanger rator of liability ater, human health vith any other
I hereby certiregulations a public health should their of or the environ federal, state Signature: Printed Name	ify that the i ll operators or the envir operations h nment. In a or local law e: WADE	nformation gi are required to ronment. The ave failed to a ddition, NMO ws and/or regu	ven above o report an acceptance adequately OCD accep ilations.	is true and comp d/or file certain r e of a C-141 repo investigate and r	by the lolete to the release no cort by the remediate report do	NMOCD and e best of my l otifications an NMOCD ma e contamination bes not relieve	a BLM. a nowledge and u d perform correct rked as "Final Ro on that pose a three the operator of a <u>OIL CON</u> Environmental S 3/14/201	nderstand the stive actions eport" does eat to groum responsibilit SERVAT Pecialist:	hat pursu for relea not relie d water, y for con <u>CION I</u>	ant to NM ases which we the oper surface wa mpliance v DIVISIC	OCD rules and may endanger rator of liability ater, human health with any other
Completed i I hereby certi regulations a public health should their o or the enviro federal, state Signature: Printed Name Title: ENV E-mail Addm	ify that the i ll operators or the envir operations h nment. In a or local law e: WADE	nformation gi are required to ronment. The ave failed to a ddition, NMO ws and/or regu	ven above o report an acceptance adequately OCD accept attions.	is true and comp d/or file certain r e of a C-141 repo investigate and r tance of a C-141	by the lolete to the release no cort by the remediate report do	NMOCD and e best of my l otifications an NMOCD ma contaminatic bes not relieve Approved by I Approval Date Conditions of	i BLM. cnowledge and u d perform correc rked as "Final Ro on that pose a thre the operator of a <u>OIL CONS</u> Environmental S :: <u>3/14/201</u> Approval:	nderstand the stive actions eport does eat to ground responsibilit SERVAT Pecialist: 8 Expi	hat pursu for relea not relie d water, y for con <u>CION I</u>	aant to NM ases which sve the oper surface wa mpliance v DIVISIC	OCD rules and may endanger rator of liability ater, human health with any other
I hereby certi regulations a public health should their o or the enviro federal, state: Signature: Printed Name Title: ENV E-mail Addre	ify that the i ll operators or the envir operations h nment. In a or local law e: WADE	nformation gi are required to ronment. The ave failed to a ddition, NMO ws and/or regu DITTRICH DITTRICH MAL SPECIA dittrich@oxy Phone:	ven above o report an acceptance adequately OCD acceptions.	is true and comp d/or file certain r e of a C-141 repo investigate and r tance of a C-141	by the lolete to the release no cort by the remediate report do	NMOCD and e best of my l otifications an NMOCD ma contaminatic bes not relieve Approved by I Approval Date Conditions of	a BLM. a nowledge and u d perform correct rked as "Final Ro on that pose a three the operator of a <u>OIL CON</u> Environmental S 3/14/201	nderstand the stive actions eport does eat to ground responsibilit SERVAT Pecialist: 8 Expi	hat pursu for relea not relie d water, y for con <u>CION I</u>	ant to NM ases which we the oper surface wa mpliance v DIVISIC	OCD rules and may endanger rator of liability ater, human health with any other
I hereby certi regulations a public health should their o or the enviro federal, state: Signature: Printed Name Title: ENV E-mail Addre	ify that the i ll operators or the envir operations h nment. In a or local law e: WADE	nformation gi are required to ronment. The ave failed to a ddition, NMO ws and/or regu	ven above o report an acceptance adequately OCD acceptions.	is true and comp d/or file certain r e of a C-141 repo investigate and r tance of a C-141	by the lase no ort by the emediate report do	NMOCD and e best of my l otifications an NMOCD ma contaminatic bes not relieve Approved by I Approval Date Conditions of	i BLM. snowledge and u d perform correc rked as "Final Rd on that pose a thread the operator of a <u>OIL CONS</u> Environmental S :: <u>3/14/201</u> Approval: :hed directive	nderstand the stive actions eport does eat to ground responsibilit SERVAT Pecialist: 8 Expi	nat pursu for relea not relie d water, y for co: TION I tration D	ant to NM ases which surface wa mpliance v DIVISIC	OCD rules and may endanger rator of liability ater, human health with any other

District I 625 N. French Dr., Hobbs, NM 88240 511 S. First St., Artesia, NM 88210 District III 1000 Rio Brazos Road, Aztec, NM 87410 District IV 1220 S. St. Francis Dr., Santa Fe, NM 8750

State of New Mexico Energy Minerals and Natural Resources

Form C-141 Revised April 3, 2017

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

220 S. St. Fran	cis Dr., Santa	Fe, NM 87505	5	Sa	anta Fe	, NM 8750)5					
			Rele	ase Notifi	cation	and Co	rrective A	ction				
						OPERAT	OR		Initial Re	port		Final Repo
						Contact W	ADE DITTRI					
						Telephone N	1	2828		_		
Facility Name MESA VERDE BS UNIT #8						Facility Type	WELL	_	-	-		
Surface Ow	ner FED	DERAL		Mineral C	Owner	FEDERAL		AI	PI No. 3	0-025-	44184	
				LOCA	ATION	OF REL	EASE					
Unit Letter	Section	Township	Range	Feet from the	North/	South Line	Feet from the	East/West I	Line		County	
М	17	24S	32E	280	S		1146	WEST			LEA	
			Latituc	le_ <u>32.210962</u>	2 <u>2</u> _ Lor	ngitude <u>-10</u>	3.7015845_	NAD83				
				NAT	URE	OF RELE	ASE					
Type of Relea	ase DIES	EL				Volume of F		Vol	ume Recov	ered (0 bbls	
Source of Rel	lease Cor	nnection on	Diesel tar	hk failed causin	ig leak	Date and Ho 02/27/2018	our of Occurrenc	e Date	e and Hour	of Disc	overy	
Was Immedia	ate Notice G					If YES, To						
By Whom?	WADED	ITTRICH	res 🗋	No 🗌 Not R	equired		J-NMOCD; SHE					
Was a Water							ume Impacting t					_
			Yes 🛛	No			1 0					
If a Watercou	irse was Imj	pacted, Descri	ibe Fully.*	£								
							EIVED					
								at 9.00 z	am Ma	or 14	20'	18
D		1.5	1* * * *	Part & L			livia Yu a	at 9:00 a	am, Ma	ar 14	, 20 ⁻	18
Describe Cau	se of Proble	em and Reme	dial Actior	n Taken.*				at 9:00 a	am, Ma	nr 14,	, 20 ⁻	18
				n Taken.* ak. Connection l	has been	By C	Olivia Yu a		am, Ma	nr 14,	, 20 ⁻	18
					has been	By C	Olivia Yu a		am, Ma	nr 14,	, 20 [.]	18
Describe Cau Connection Describe Area	on Diesel 1	tank failed c	ausing lea	ak. Connection	has been	By C	Olivia Yu a		am, Ma	nr 14,	, 20 ⁻	18
Connection Describe Area	on Diesel 1 a Affected a	tank failed c	ausing lea	ak. Connection l		By C	Divia Yu a	:e.				
Connection Describe Area The affected a	on Diesel 1 a Affected a areas of this	tank failed c and Cleanup 4 s spill are appr	ausing lea	ak. Connection l en.* 75x100 (measure	urement	By C repaired and r s are subject	Divia Yu a eturned to servic to change with	:e.				
Connection Describe Area The affected a	on Diesel 1 a Affected a areas of this	tank failed c and Cleanup 4 s spill are appr	ausing lea	ak. Connection l	urement	By C repaired and r s are subject	Divia Yu a eturned to servic to change with	:e.				
Connection Describe Area The affected a completed in	on Diesel f a Affected a areas of this n accordan	tank failed c and Cleanup A s spill are appr ace with a rea	Action Tak roximately mediation	ak. Connection l en.* 75x100 (measu 1 plan approved	urement by the l	By C repaired and r s are subject NMOCD and	Divia Yu a eturned to servic to change with BLM.	e. 1 GPS tracki	ing). Rem	ediatio	n will	be
Connection Describe Area The affected a completed in I hereby certi	on Diesel f a Affected a areas of this n accordan fy that the in	tank failed c and Cleanup A s spill are appr ace with a rea	Action Tak roximately mediation	ak. Connection l en.* 75x100 (measu plan approved is true and comp	urement by the l	By C repaired and r s are subject NMOCD and the best of my k	blivia Yu a eturned to servic to change with BLM.	e. 1 GPS tracki nderstand that	ing). Rem	ediatio to NMC	n will DCD nu	be les and
Connection Describe Area The affected a completed in I hereby certi regulations al public health	on Diesel f a Affected a areas of this n accordan fy that the in l operators or the envir	tank failed c and Cleanup A s spill are apprice with a ren nformation gi are required to conment. The	Action Tak roximately mediation ven above o report an	ak. Connection l en.* 75x100 (meas plan approved is true and comp d/or file certain p e of a C-141 rep	urement by the l plete to the release no ort by the	By C repaired and re s are subject NMOCD and the best of my k otifications and the NMOCD mail	blivia Yu a eturned to servic to change with BLM. mowledge and u d perform correc rked as "Final R	e. GPS tracking inderstand that tive actions f eport" does n	ng). Rem at pursuant for releases tot relieve ti	ediatio to NMC which r he opera	n will DCD nu nay end ator of l	be les and langer iability
Connection Describe Area The affected a completed in I hereby certi regulations al public health should their o	on Diesel f a Affected a areas of this n accordan fy that the in l operators or the envir operations h	tank failed c and Cleanup A s spill are apprice with a rea nformation gi are required to ronment. The ave failed to a	Action Tak roximately mediation ven above o report an acceptanc	ak. Connection l en.* 75x100 (measure plan approved is true and comp d/or file certain to the of a C-141 repu- investigate and r	urement by the l plete to the release no ort by the remediate	By C repaired and re s are subject NMOCD and be best of my k otifications and the NMOCD mail contaminatio	blivia Yu a eturned to servic to change with BLM. mowledge and u d perform correct rked as "Final R n that pose a thr	n GPS tracki nderstand that tive actions f eport" does n eat to ground	ng). Rem at pursuant for releases tot relieve ti water, surf	ediatio to NMC which r he opera ace wat	n will DCD nu nay end ator of l er, hun	be les and langer liability san health
Connection Describe Area The affected a completed in I hereby certi regulations al public health should their o or the enviror	on Diesel f a Affected a areas of this n accordan fy that the in l operators or the envir operations ha ment. In a	tank failed c and Cleanup A s spill are apprice with a ren nformation gi are required to ronment. The ave failed to a ddition, NMC	Action Tak Action Tak roximately mediation ven above o report an acceptanc adequately OCD accep	ak. Connection l en.* 75x100 (measure plan approved is true and comp d/or file certain to the of a C-141 repu	urement by the l plete to the release no ort by the remediate	By C repaired and re s are subject NMOCD and be best of my k otifications and the NMOCD mail contaminatio	blivia Yu a eturned to servic to change with BLM. mowledge and u d perform correct rked as "Final R n that pose a thr	n GPS tracki nderstand that tive actions f eport" does n eat to ground	ng). Rem at pursuant for releases tot relieve ti water, surf	ediatio to NMC which r he opera ace wat	n will DCD nu nay end ator of l er, hun	be les and langer liability san health
Connection Describe Area The affected a completed in I hereby certi regulations al public health should their o or the enviror	on Diesel f a Affected a areas of this n accordan fy that the in l operators or the envir operations ha ment. In a	tank failed c and Cleanup A s spill are apprice with a ren nformation gi are required to ronment. The ave failed to a ddition, NMC	Action Tak Action Tak roximately mediation ven above o report an acceptanc adequately OCD accep	ak. Connection l en.* 75x100 (measure plan approved is true and comp d/or file certain to the of a C-141 repu- investigate and r	urement by the l plete to the release no ort by the remediate	By C repaired and re s are subject NMOCD and be best of my k otifications and the NMOCD mail contaminatio	blivia Yu a eturned to servic to change with I BLM. nowledge and u d perform correct rked as "Final R n that pose a thr the operator of the	e. GPS tracki inderstand that itive actions f eport" does n eat to ground responsibility	ing). Rem at pursuant for releases ot relieve to water, surf of compli	ediatio to NMC which r he opera ace wat	n will DCD rui nay end ator of l er, hun ith any	be les and langer liability san health
Connection Describe Area The affected a completed in I hereby certi regulations al public health should their o or the enviror federal, state,	on Diesel f a Affected a areas of this n accordan fy that the in l operators or the envir operations ha ment. In a	tank failed c and Cleanup A s spill are apprice with a ren nformation gi are required to ronment. The ave failed to a ddition, NMC	Action Tak Action Tak roximately mediation ven above o report an acceptanc adequately OCD accep	ak. Connection l en.* 75x100 (measure plan approved is true and comp d/or file certain to the of a C-141 repu- investigate and r	urement by the l plete to the release no ort by the remediate	By C repaired and re s are subject NMOCD and be best of my k otifications and the NMOCD mail contaminatio	blivia Yu a eturned to servic to change with BLM. mowledge and u d perform correct rked as "Final R n that pose a thr	e. GPS tracki inderstand that itive actions f eport" does n eat to ground responsibility	ing). Rem at pursuant for releases ot relieve to water, surf of compli	ediatio to NMC which r he opera ace wat	n will DCD rui nay end ator of l er, hun ith any	be les and langer liability san health
Connection Describe Area The affected a completed in I hereby certi regulations al public health should their o or the enviror federal, state,	on Diesel f a Affected a areas of this n accordan fy that the in l operators or the envir operations ha ment. In a	tank failed c and Cleanup A s spill are apprice with a ren nformation gi are required to ronment. The ave failed to a ddition, NMC	Action Tak Action Tak roximately mediation ven above o report an acceptanc adequately OCD accep	ak. Connection l en.* 75x100 (measure plan approved is true and comp d/or file certain to the of a C-141 repu- investigate and r	urement l by the l plete to th release no ort by the remediate report do	By C repaired and re s are subject NMOCD and be best of my k otifications and c NMOCD mail c contaminatio bes not relieve	blivia Yu a eturned to servic to change with BLM. nowledge and u d perform correct rked as "Final R n that pose a thr the operator of the OIL CON	e. a GPS tracki inderstand that itive actions f eport" does n eat to ground responsibility SERVAT	ing). Rem at pursuant for releases ot relieve to water, surf of compli	ediatio to NMC which r he opera ace wat	n will DCD rui nay end ator of l er, hun ith any	be les and langer liability san health
Connection Describe Area The affected a completed in I hereby certi regulations al public health should their o or the enviror federal, state, Signature:	on Diesel f a Affected a areas of this n accordan fy that the in l operators is or the envir operations has ment. In an or local law	tank failed c and Cleanup A s spill are apprice with a ren nformation gi are required to ronment. The ave failed to a ddition, NMC	Action Tak Action Tak roximately mediation ven above o report an acceptanc adequately OCD accep	ak. Connection l en.* 75x100 (measure plan approved is true and comp d/or file certain to the of a C-141 repu- investigate and r	urement l by the l plete to th release no ort by the remediate report do	By C repaired and re s are subject NMOCD and be best of my k otifications and c NMOCD mail c contaminatio bes not relieve	Divia Yu a eturned to servic to change with BLM. nowledge and u d perform correct rked as "Final R n that pose a thr the operator of the OIL CON	e. n GPS tracki tive actions f eport does n eat to ground responsibility SERVAT pecialist:	ing). Rem at pursuant for releases ot relieve to water, surf of compli	ediatio to NMC which r he opera ace wat	n will DCD rui nay end ator of l er, hun ith any	be les and langer liability san health
Connection Describe Area The affected a completed in I hereby certi regulations al public health should their o or the enviror federal, state, Signature: Printed Name	on Diesel f a Affected a areas of this n accordan fy that the in l operators is or the envir operations his ment. In an or local law	tank failed c	Action Tak roximately mediation ven above o report an acceptance adequately DCD accep ilations.	ak. Connection l en.* 75x100 (measure plan approved is true and comp d/or file certain to the of a C-141 repu- investigate and r	urement by the l plete to th release no ort by the remediate report do	By C repaired and re s are subject NMOCD and be best of my k otifications and c NMOCD mail c contaminatio bes not relieve	eturned to service to change with I BLM. nowledge and u d perform correct rked as "Final R n that pose a thr the operator of the OIL CON Environmental S	e. a GPS tracking inderstand that itive actions for eat to ground responsibility SERVAT Pecialist: 8	ing). Rem at pursuant for releases ot relieve to water, surf of compli	ediatio to NMC which r he opera ace wat ance wi	n will DCD rui nay end ator of l er, hun ith any	be les and langer liability san health
Connection Describe Area The affected a completed in I hereby certi regulations al public health should their o or the enviror federal, state, Signature: Printed Name Title: ENV	on Diesel f a Affected a areas of this n accordan fy that the in l operators is or the envir operations his ment. In an or local law	tank failed c and Cleanup A s spill are appri- ice with a ren information gi are required to ave failed to a ddition, NMC vs and/or regu	Action Tak roximately mediation ven above o report an acceptance adequately DCD acceptance adequately DCD acceptance adequately DCD acceptance adequately DCD acceptance adequately DCD acceptance adequately DCD acceptance adequately DCD acceptance	ak. Connection l en.* 75x100 (measure plan approved is true and comp d/or file certain to the of a C-141 repu- investigate and r	urement l by the l plete to th release no ort by the remediate report do	By C repaired and m s are subject NMOCD and be best of my k otifications and NMOCD man e contaminatio bes not relieve Approved by E Approval Date	eturned to service to change with I BLM. nowledge and u d perform correct rked as "Final R n that pose a thr the operator of the OIL CON Environmental S : 3/14/201	e. a GPS tracking inderstand that itive actions for eat to ground responsibility SERVAT Pecialist: 8	ing). Rem at pursuant for releases ot relieve ti water, surf for compli	ediatio to NMC which r he opera ace wat iance wi	n will DCD rui nay end ator of l er, hun ith any	be les and langer liability san health
Connection Describe Area The affected a completed in I hereby certi regulations al public health should their o or the enviror federal, state, Signature: Printed Name Title: ENV	on Diesel f a Affected a areas of this n accordan fy that the in l operators is or the envir operations his ment. In an or local law	tank failed c and Cleanup A s spill are appri- ice with a ren information gi are required to onment. The ave failed to a ddition, NMC vs and/or regu	Action Tak roximately mediation ven above o report an acceptance adequately DCD accep ilations.	ak. Connection l en.* 75x100 (measu plan approved is true and comp d/or file certain n e of a C-141 rep investigate and n tance of a C-141	urement l by the l plete to th release no ort by the remediate report do	By C repaired and re s are subject NMOCD and the best of my k otifications and the best of my k the best of the best of my k the best of my k	eturned to service to change with t BLM. to change with BLM. to change with BLM. the operator of the the operator of the OIL CON Environmental S the 3/14/201 Approval:	e. a GPS tracki inderstand that tive actions f eport" does n eat to ground responsibility SERVAT pecialist: 8 Expir	ing). Rem at pursuant for releases ot relieve ti water, surf for compli	ediatio to NMC which r he opera ace wat ance wi	n will DCD rui nay end ator of l er, hun ith any	be les and langer liability san health
Connection Describe Area The affected a completed in I hereby certi regulations al public health should their o or the enviror federal, state, Signature: Printed Name Title: ENV E-mail Addree Date:	on Diesel f a Affected a areas of this n accordan fy that the in l operators is or the envir operations his ment. In an or local law e: WADE	tank failed c and Cleanup A s spill are appri- ice with a rea information gi are required to are required to ave failed to a ddition, NMC vs and/or regu DITTRICH ITAL SPECIA dittrich @ox Phone:	Action Tak roximately mediation ven above o report an acceptance adequately DCD acceptance adequately DCD acceptance adequately ALIST	ak. Connection l en.* 75x100 (measu plan approved is true and comp d/or file certain n e of a C-141 rep investigate and n tance of a C-141	urement l by the l plete to th release no ort by the remediate report do	By C repaired and re s are subject NMOCD and the best of my k otifications and the best of my k the best of the best of my k the best of my k	eturned to service to change with I BLM. nowledge and u d perform correct rked as "Final R n that pose a thr the operator of the OIL CON Environmental S : 3/14/201	e. a GPS tracki inderstand that tive actions f eport" does n eat to ground responsibility SERVAT pecialist: 8 Expir	ing). Rem at pursuant for releases ot relieve ti water, surf for compli	ediatio to NMC which r he opera ace wat iance wi	n will DCD rui nay end ator of l er, hun ith any	be les and langer liability san health
Connection Describe Area The affected a completed in I hereby certi regulations al public health should their o or the enviror federal, state, Signature: Printed Name	on Diesel f a Affected a areas of this n accordan fy that the in l operators is or the envir operations his ment. In an or local law e: WADE	tank failed c and Cleanup A s spill are appri- ice with a rea information gi are required to are required to ave failed to a ddition, NMC vs and/or regu DITTRICH ITAL SPECIA dittrich @ox Phone:	Action Tak roximately mediation ven above o report an acceptance adequately DCD acceptance adequately DCD acceptance adequately ALIST	ak. Connection l en.* 75x100 (measu plan approved is true and comp d/or file certain n e of a C-141 rep investigate and n tance of a C-141	urement l by the l plete to th release no ort by the remediate report do	By C repaired and re s are subject NMOCD and the best of my k otifications and the best of my k the best of the best of my k the best of my k	eturned to service to change with to change with BLM. inowledge and u d perform correct rked as "Final R n that pose a thr the operator of r OIL CON Environmental S : 3/14/201 Approval: hed directive	e. a GPS tracki inderstand that tive actions f eport" does n eat to ground responsibility SERVAT pecialist: 8 Expir	ing). Rem at pursuant for releases tot relieve th water, surf for compli ION DIV ation Date:	ediatio to NMC which r he opera ace wat ance wi /ISIO	n will DCD rul nay end ator of l er, hun ith any <u>N</u>	be les and langer liability san health

Page 6

Oil Conservation Division

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. _______{Title:} Environmental Coordinator Printed Name: Wade Dittrich Telephone: 575-390-2828 _{email:} Wade_Dittrich@oxy.com **OCD Only** Received by: Date: Closure approval by the OCD does not relieve the responsible party of liability should their operations have failed to adequately investigate and remediate contamination that poses a threat to groundwater, surface water, human health, or the environment nor does not relieve the responsible party of compliance with any other federal, state, or local laws and/or regulations. Closure Approved by: _____ Date: _____ Printed Name: Title:

Received by OCD: 12/11/2023 12:16:33 PM Form C-141 State of New Mexico

Oil Conservation Division

	Page 4 of 22
Incident ID	NOY1807332612
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>>105</u> (ft bgs)
Did this release impact groundwater or surface water?	🗌 Yes 🔽 No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	🗌 Yes 🔽 No
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	🗌 Yes 🗹 No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	🗌 Yes 🗹 No
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	🗌 Yes 🗹 No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	🗌 Yes 🔽 No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	🗌 Yes 🛛 No
Are the lateral extents of the release within 300 feet of a wetland?	🗌 Yes 🔽 No
Are the lateral extents of the release overlying a subsurface mine?	🗌 Yes 🔽 No
Are the lateral extents of the release overlying an unstable area such as karst geology?	🗌 Yes 🔽 No
Are the lateral extents of the release within a 100-year floodplain?	🗌 Yes 🔽 No
Did the release impact areas not on an exploration, development, production, or storage site?	🗌 Yes 🔽 No

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

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

- Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells. Field data
- $\overline{\nabla}$ Data table of soil contaminant concentration data
- \checkmark 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.

<i>ceived by OCD: 12/11/2023 12:16:33 PM</i> State of New Mex		20	Page 5 of		
	Oil Conservation Division		Incident ID	NOY1807332612	
ge 4	Oil Conservation Divis	sion	District RP		
			Facility ID		
			Application ID		
regulations all operators are requ public health or the environment failed to adequately investigate a	Lach	ase notifications and perform of by the OCD does not relieve th e a threat to groundwater, surf ator of responsibility for comp	corrective actions for rel ne operator of liability sh face water, human health pliance with any other for ental Coordinato	eases which may endanger nould their operations have or the environment. In ederal, state, or local laws	

Trinity Oilfield Services & Rentals, LLC



November 29th, 2023

Oil Conservation Division, District I 1625 N. French Drive Hobbs, NM 88240

Re: Closure Request Mesa Verde BS Unit #8 Tracking #: NOY1807332612

Trinity Oilfield Services (Trinity), on behalf of OXY USA, Inc., hereby submits the following Closure Request in response to a release that occurred at the above-referenced location, and further described below.

Site Information				
Incident ID	NOY1807332612			
Site Name	Mesa Verde BS Unit #8			
Company	OXY USA, Inc.			
County	Lea			
ULSTR	M-17-24S-32E			
GPS Coordinates (NAD 83)	32.2109622, -103.7015845			
Landowner	Federal			

HISTORICAL RELEASE BACKGROUND

This site had previously been remediated but no paperwork existed for verification, therefore, OXY performed confirmation sampling to verify remediation limits had been met.

On 2/28/2018, OXY USA, Inc. reported a release at the Mesa Verde BS Unit #8. The release was caused when a connection on a diesel tank failed. Approximately 11,108 sqft. of the Pad was found to be damp upon initial inspection.

Release Information				
Date of Release	2/27/2018			
Type of Release	Diesel			
Source of Release	Equipment Failure			
Volume Released – Diesel	7 bbls			
Volume Recovered – Diesel	0 bbls			
Affected Area – Damp Soil	Pad - Approximately 11,108 sqft.			
Site Location Map	Attached			

SITE CHARACTERIZATION AND CLOSURE CRITERIA

Data Source	Well Number	Data Date	Depth (ft.)
NM OSE	NA	NA	NA
USGS	NA	NA	NA
Soil Bore	SB-13	06/21/2023	105'

Depth to Groundwater/Wellhead Protection:

A search of the groundwater well databases maintained by the New Mexico Office of the State Engineer (NMOSE) and the United States Geological Survey (USGS) was conducted to determine if any registered groundwater wells are located within a $1/_2$ mile of the release site. The search revealed that Zero (0) wells occurred in the databases that meet the NMOCD criteria for the age of data, the distance of the data point well from the release point, and a data point well having a diagram of construction.

On 06/21/2023, Trinity was onsite to drill a groundwater determination borehole (SB-13) to 105' below ground surface within a $\frac{1}{2}$ mile radius of the incident location. The borehole was left open for 72 hours and checked for the presence of groundwater. As a result, no water was detected at 105' below surface at the borehole location (32.21119430, -103.70826819). The driller log is attached for reference.

General Site Characterization:

Site Assessment				
Karst Potential	Low			
Distance to Watercourse	> 1,000 ft.			
Within 100 yr Floodplain	No			
Pasture Impact	No			

A risk-based site assessment/characterization was performed following 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 Low 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.

Closure Criteria:

On-Site & Off-Site 4ft bgs Recommended Remedial Action Levels (RRALs)					
Chlorides	20,000 mg/kg				
TPH (GRO and DRO and MRO)	2,500 mg/kg				
TPH (GRO and DRO)	1,000 mg/kg				
BTEX	50 mg/kg				
Benzene	10 mg/kg				

A reclamation standard of 600 mg/kg chloride and 100 mg/kg TPH was applied to the top four feet of the pasture area if 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 ASSESSMENT AND REMEDIATION ACTIVITIES

Initial Sample Activities:

Delineation Summary				
Delineation Dates	03/06/2019 - 11/15/2023			
Depths Sampled	0.5' - 1.5'			
Delineation Map	Attached			
Laboratory Results	Table 1			

All soil samples were placed into laboratory-supplied glassware, labeled, and maintained on ice until delivery to an NMOCD-approved laboratory (Delineation: Xenco Laboratories of Midland, TX; Remediation: 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.

Confirmation Activities:

Remediation Summary				
Remediation Dates	03/30/2023 - 09/29/2023			
Workplan Approval	At Risk			
Confirmation Sample Notification	03/24/2023			
Liner Variance Request	None			
Deferral Request	None			
Depths Excavated	0.3' - 1'			
Area Represented by the required 5-point Confirmation Samples – Floors and Walls	200 sqft.			
Total Volume of Excavated Soil	176 yards			
Remediation Map	Attached			
Laboratory Results	Table 2			

Impacted soil within the release margins was excavated and temporarily stockpiled on-site on a 6-mil plastic sheeting, pending final disposition. Unless a Variance Request has been approved, all Floor and On-Site Walls of the excavated area were advanced until laboratory analytical results from confirmation soil samples indicate Chloride, Benzene, BTEX, and TPH concentrations are below the RRAL NMOCD Closure Criteria listed in the Table above, and all Off-Site Walls were advanced to meet reclamation standards. Confirmation soil samples (five-point composites representing no more than 200 sqft. of the excavated area) were 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 was transported under manifest to an NMOCD-approved disposal facility and the excavated area was backfilled with locally sourced, non-impacted "like" material.

SITE RECLAMATION AND RESTORATION

Areas affected by the release and the associated remediation activities were restored to a condition that existed before the release to the extent practicable. The affected area was 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 reserved with a prescribed BLM, NMSLO, and/or Private Landowner requested seed mixture during the first favorable growing season following the closure of the site by the applicable regulatory agency.

REQUEST FOR CLOSURE

Supporting Documentation										
C-141 page 6	Signed and Attached									
Delineation and Remediation Maps	Attached									
Depth to Groundwater Maps and Source	Attached									
US NWI Map	Attached									
FEMA Flood Hazard Map	Attached									
USDA Soil Survey	Attached									
Site Photography	Attached									
Laboratory Analytics with COCs	Attached									

The site has been remediated to meet the standards of Table I of 19.15.29.12 NMAC; therefore, Trinity Oilfield Services respectfully requests that the New Mexico Oil Conservation Division grant closure approval for the referenced release.

Sincerely,

Dan Dunkelberg

Dan Dunkelberg Project Manager

Cynthia Jordan

Cynthia Jordan Project Scientist



Cynthia Jordan <cynthia@trinityoilfieldservices.com>

Confirmation Sample Notification - NOY1807332612 2018 MINOR A SPL

1 message

Dan Dunkelberg <dan@trinityoilfieldservices.com> To: OCD.Enviro@emnrd.nm.gov Fri, Mar 24, 2023 at 1:36 PM

Cc: Josh Halcomb <josh@trinityoilfieldservices.com>, Cynthia Jordan <cynthia@trinityoilfieldservices.com>

This is a notification that Trinity Oilfield Services will conduct confirmation sampling on behalf of OXY USA, Inc. at the above referenced site on Wednesday, March 29, 2023, at 8:00 a.m.

Dan Dunkelberg Environmental Regulatory Manager



Trinity Oilfield Services & Rentals, LLC Cell: (575) 602-2403

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

OXY USA, INC. MESA VERDE BS UNIT #8 LEA COUNTY, NEW MEXICO NMOCD REFERENCE #: NOY1807332612



					EPA SW-846 Method 8021B							EPA S	W-846 Method	8015M		EPA 300
SAMPLE LOCATION	SAMPLE DEPTH (BGS)	SAMPLE DATE	SOIL STATUS	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 C6-C12 (mg/kg)	DRO C12-C28 (mg/kg)	GRO+ DRO (mg/kg)	MRO C28-C35 (mg/kg)	TPH C6-C35 (mg/kg)	CHLORIDE (mg/kg)
NMOC	D Closure Limi	ts (mg/kg)		10	NE	NE	NE	NE	NE	50	NE	NE	1,000	NE	2,500	20,000
Vertical Delineation																
SP-1 @ 6"	6"	4/9/2019	In-Situ	<0.0020	<0.0020	<0.0020	<0.0040	<0.0020	<0.0020	<0.0020	<15.0	124	124	<15.0	124	2,020
SP-1	1.5'	3/6/2019	In-Situ	<0.0020	<0.0020	<0.0020	0.0046	<0.0020	0.0046	0.0046	<14.9	<14.9	<14.9	<14.9	<14.9	502
SP-2	1.5'	3/6/2019	In-Situ	<0.0020	<0.0020	<0.0020	<0.0040	<0.0020	<0.0020	<0.0020	<15.0	<15.0	<15.0	<15.0	<15.0	388
SP-3 @ 6"	6"	4/9/2019	In-Situ	<0.0020	0.0022	0.0061	0.0494	0.0409	0.0903	0.0985	436	5,800	6,236	925	7,160	279
SP-3	1.5'	3/6/2019	In-Situ	<0.0020	<0.0020	<0.0020	<0.0040	<0.0020	<0.0020	<0.0020	<14.9	121	121	28.0	149	514
SP-4	1.5'	3/6/2019	In-Situ	<0.0020	<0.0020	<0.0020	<0.0040	<0.0020	<0.0020	<0.0020	<15.0	<15.0	<15.0	<15.0	<15.0	18.8
SP-5 @ 6"	6"	4/9/2019	In-Situ	<0.0020	<0.0020	<0.0020	<0.0040	<0.0020	<0.0020	<0.0020	<14.9	68.5	68.5	17.5	86.0	121
SP-5	1.5'	3/6/2019	In-Situ	<0.0020	<0.0020	<0.0020	<0.0040	<0.0020	<0.0020	<0.0020	<15.0	<15.0	<15.0	<15.0	<15.0	<5.00
SP-6	1.5'	3/6/2019	In-Situ	<0.0020	<0.0020	<0.0020	<0.0040	<0.0020	<0.0020	<0.0020	<15.0	<15.0	<15.0	<15.0	<15.0	106
SP-7 @ 6"	6"	4/9/2019	In-Situ	<0.0020	<0.0020	<0.0020	<0.0040	<0.0020	<0.0020	<0.0020	<15.0	24.4	24.4	<15.0	24.4	76.6
SP-7	1.5'	3/6/2019	In-Situ	<0.0020	<0.0020	<0.0020	<0.0040	<0.0020	<0.0020	<0.0020	<15.0	<15.0	<15.0	<15.0	<15.0	156
SP-8	1.5'	3/6/2019	In-Situ	<0.0020	<0.0020	<0.0020	<0.0040	<0.0020	<0.0020	<0.0020	<15.0	<15.0	<15.0	<15.0	<15.0	10.4
SP-9 @ 6"	6"	4/9/2019	In-Situ	<0.0020	<0.0020	<0.0020	<0.0040	<0.0020	<0.0020	<0.0020	<15.0	29.9	29.9	<15.0	29.9	237
SP-9	1.5'	3/6/2019	In-Situ	<0.0020	<0.0020	<0.0020	<0.0040	<0.0020	<0.0020	<0.0020	<15.0	<15.0	<15.0	<15.0	<15.0	83.2
SP-10	1.5'	3/6/2019	In-Situ	<0.0020	<0.0020	<0.0020	<0.0040	<0.0020	<0.0020	<0.0020	<15.0	<15.0	<15.0	<15.0	<15.0	44.5
SP-11 @ 6"	6"	4/9/2019	In-Situ	<0.0020	<0.0020	<0.0020	<0.0040	<0.0020	<0.0020	<0.0020	<15.0	19.0	19.0	<15.0	19.0	68.4
SP-11	1.5'	3/6/2019	In-Situ	<0.0020	<0.0020	0.0028	<0.0040	<0.0020	<0.0020	0.0028	<15.0	<15.0	<15.0	<15.0	<15.0	68.0
SP-12 @ 6"	6"	4/9/2019	In-Situ	<0.0020	<0.0020	<0.0020	<0.0040	<0.0020	<0.0020	<0.0020	<15.0	218	218	32.8	251	108
SP-12	1.5'	3/6/2019	In-Situ	<0.0020	<0.0020	<0.0020	<0.0040	<0.0020	<0.0020	<0.0020	<15.0	<15.0	<15.0	<15.0	<15.0	45.8
SP-13 @ 6"	6"	4/9/2019	In-Situ	<0.0020	<0.0020	<0.0020	<0.0040	<0.0020	<0.0020	<0.0020	<14.9	217	217	17.1	234	682
SP-13	1.5'	3/6/2019	In-Situ	<0.0020	<0.0020	<0.0020	<0.0040	<0.0020	<0.0020	<0.0020	<15.0	<15.0	<15.0	<15.0	<15.0	56.4
SP-14	1.5'	3/6/2019	In-Situ	<0.0020	<0.0020	<0.0020	<0.0040	<0.0020	<0.0020	<0.0020	<14.9	<14.9	<14.9	<14.9	<14.9	8.74
SP-15 @ 6"	6"	4/9/2019	In-Situ	<0.0020	<0.0020	<0.0020	<0.0040	<0.0020	<0.0020	<0.0020	<14.9	1,060	1,060	17.9	1,080	127
SP-15	1.5'	3/6/2019	In-Situ	<0.0020	<0.0020	<0.0020	<0.0040	<0.0020	<0.0020	<0.0020	<15.0	<15.0	<15.0	<15.0	<15.0	16.4
SP-16 @ 6"	6"	4/9/2019	In-Situ	<0.0020	<0.0020	<0.0020	<0.0040	<0.0020	<0.0020	<0.0020	<15.0	3,230	3,230	1,120	4,350	1,200
SP-16	1.5'	3/7/2019	In-Situ	<0.0020	<0.0020	<0.0020	<0.0040	<0.0020	<0.0020	<0.0020	<15.0	307	307	309	616	280
SP-17 @ 6"	6"	4/9/2019	In-Situ	<0.0020	<0.0020	<0.0020	<0.0040	<0.0020	<0.0020	<0.0020	<15.0	59.6	59.6	89.8	149	206
SP-17	1.5'	3/7/2019	In-Situ	<0.0020	<0.0020	<0.0020	<0.0040	<0.0020	<0.0020	<0.0020	<15.0	66.0	66.0	498	564	113
SP-18	1.5'	3/7/2019	In-Situ	<0.0020	<0.0020	<0.0020	<0.0040	<0.0020	<0.0020	<0.0020	<15.0	<15.0	<15.0	<15.0	<15.0	101
SP-19 @ 6"	6"	4/9/2019	In-Situ	<0.0020	<0.0020	<0.0020	<0.0040	<0.0020	<0.0020	<0.0020	<15.0	706	706	130	836	1,010
SP-19	1.5'	3/7/2019	In-Situ	<0.0020	<0.0020	<0.0020	<0.0040	<0.0020	<0.0020	<0.0020	<15.0	116	116	19.5	136	189
							Horizonta	I Delineation								
DH-001-01.0-HS-S	1'	11/15/2023	In-Situ	<0.050	<0.050	<0.050	-	-	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16.0
DH-002-01.0-HE-S	1'	11/15/2023	In-Situ	<0.050	<0.050	<0.050	-	-	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	192
DH-003-01.0-HN-S	1'	11/15/2023	In-Situ	<0.050	<0.050	<0.050	-	-	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	128
DH-004-01.0-HW-S	1'	11/15/2023	In-Situ	<0.050	<0.050	<0.050	-	-	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	576

.

.

TABLE 2
CONCENTRATIONS OF BENZENE, BTEX, TPH & CHLORIDE IN SOIL

OXY USA, INC. MESA VERDE BS UNIT #8 LEA COUNTY, NEW MEXICO NMOCD REFERENCE #: NOY1807332612



SAMPLE LOCATION	SAMPLE DEPTH (BGS)	SAMPLE DATE	FLOOR/ WALL	OFF-SITE/ ON-SITE	SAMPLE TYPE	SOIL STATUS	CHLORIDE (mg/Kg)	TPH C6-C36 (mg/Kg)	GRO+ DRO (mg/kg)	GRO C6-C10 (mg/Kg)	DRO C10-C28 (mg/Kg)	MRO C28-C36 (mg/Kg)	TOTAL BTEX (mg/Kg)	BENZENE (mg/Kg)
	•	NMOCD Clo	sure Limits Pa	ł	•		20000	2500	1000	NE	NE	NE	50	10
	NMOCD Closure Limits Pasture to 4'								NE	NE	NE	NE	50	10
						Remedi	ation Floors			•		•		
CF-001.0-00.5-S	0.5	3/30/2023	Floor	On-Site	Composite	In-Situ	1090	74.2	61.5	<10.0	61.5	12.7	<.300	<0.50
CF-002.0-00.5-S	0.5	3/30/2023	Floor	On-Site	Composite	In-Situ	192	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-003.0-00.5-S	0.5	3/30/2023	Floor	On-Site	Composite	In-Situ	304	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-004.0-00.5-S	0.5	3/30/2023	Floor	On-Site	Composite	In-Situ	320	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-005.0-00.3-S	0.3	3/30/2023	Floor	On-Site	Composite	In-Situ	192	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-006.0-00.3-S	0.3	3/30/2023	Floor	On-Site	Composite	In-Situ	208	55.1	55.1	<10.0	55.1	<10.0	<.300	<0.50
CF-007.0-00.3-S	0.3	3/30/2023	Floor	On-Site	Composite	In-Situ	240	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-008.0-00.3-S	0.3	3/30/2023	Floor	On-Site	Composite	In-Situ	640	16.3	16.3	<10.0	16.3	<10.0	<.300	<0.50
CF-009.0-00.3-S	0.3	3/31/2023	Floor	On-Site	Composite	In-Situ	864	370	254	<10.0	254	116	<.300	<0.50
CF-010.0-00.3-S	0.3	3/31/2023	Floor	On-Site	Composite	In-Situ	480	388	244	<10.0	244	144	<.300	<0.50
CF-011.0-00.3-S	0.3	3/31/2023	Floor	On-Site	Composite	In-Situ	272	66.2	44.1	<10.0	44.1	22.1	<.300	<0.50
CF-012.0-00.3-S	0.3	3/31/2023	Floor	On-Site	Composite	In-Situ	496	28.7	28.7	<10.0	28.7	<10.0	<.300	<0.50
CF-013.0-00.3-S	0.3	3/30/2023	Floor	On-Site	Composite	In-Situ	192	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-014.0-00.3-S	0.3	3/30/2023	Floor	On-Site	Composite	In-Situ	160	48.2	48.2	<10.0	48.2	<10.0	<.300	<0.50
CF-015.0-00.3-S	0.3	3/30/2023	Floor	On-Site	Composite	In-Situ	128	32.3	32.3	<10.0	32.3	<10.0	<.300	<0.50
CF-016.0-00.3-S	0.3	3/30/2023	Floor	On-Site	Composite	In-Situ	80	21.1	21.1	<10.0	21.1	<10.0	<.300	<0.50
CF-017.0-00.3-S	0.3	3/30/2023	Floor	On-Site	Composite	In-Situ	48	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-018.0-00.3-S	0.3	3/30/2023	Floor	On-Site	Composite	In-Situ	288	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-019.0-00.3-S	0.3	3/31/2023	Floor	On-Site	Composite	In-Situ	1010	41.7	29.4	<10.0	29.4	12.3	<.300	<0.50
CF-020.0-00.3-S	0.3	3/31/2023	Floor	On-Site	Composite	In-Situ	6960	75.1	75.1	<10.0	75.1	<10.0	<.300	<0.50
CF-021.0-00.3-S	0.3	3/31/2023	Floor	On-Site	Composite	In-Situ	4960	140.7	123	<10.0	123	17.7	<.300	<0.50
CF-022.0-00.3-S	0.3	3/31/2023	Floor	On-Site	Composite	In-Situ	1200	25.3	25.3	<10.0	25.3	<10.0	<.300	<0.50
CF-023.0-00.3-S	0.3	3/31/2023	Floor	On-Site	Composite	In-Situ	208	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-024.0-00.3-S	0.3	3/30/2023	Floor	On-Site	Composite	In-Situ	240	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-025.0-00.3-S	0.3	3/30/2023	Floor	On-Site	Composite	In-Situ	160	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-026.0-00.3-S	0.3	3/30/2023	Floor	On-Site	Composite	In-Situ	160	259.3	194	<10.0	194	65.3	<.300	<0.50
CF-027.0-00.3-S	0.3	3/30/2023	Floor	On-Site	Composite	In-Situ	80	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-028.0-00.3-S	0.3	3/30/2023	Floor	On-Site	Composite	In-Situ	112	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-029.0-00.3-S	0.3	3/31/2023	Floor	On-Site	Composite	In-Situ	192	26.1	26.1	<10.0	26.1	<10.0	<.300	<0.50
CF-030.0-00.3-S	0.3	3/30/2023	Floor	On-Site	Composite	In-Situ	208	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-031.0-00.3-S	0.3	3/30/2023	Floor	On-Site	Composite	In-Situ	176	60	48.1	<10.0	48.1	11.9	<.300	<0.50
CF-032.0-00.3-S	0.3	3/30/2023	Floor	On-Site	Composite	In-Situ	272	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-033.0-00.3-S	0.3	3/30/2023	Floor	On-Site	Composite	In-Situ	208	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-034.0-00.3-S	0.3	3/30/2023	Floor	On-Site	Composite	In-Situ	240	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-035.0-00.3-S	0.3	3/31/2023	Floor	On-Site	Composite	In-Situ	160	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-036.0-00.3-S	0.3	3/31/2023	Floor	On-Site	Composite	In-Situ	400	17.5	17.5	<10.0	17.5	<10.0	<.300	<0.50
CF-037.0-00.3-S	0.3	3/31/2023	Floor	On-Site	Composite	In-Situ	640	181.8	124	<10.0	124	57.8	<.300	<0.50

TABLE 2 CONCENTRATIONS OF BENZENE, BTEX, TPH & CHLORIDE IN SOIL

OXY USA, INC. MESA VERDE BS UNIT #8 LEA COUNTY, NEW MEXICO NMOCD REFERENCE #: NOY1807332612

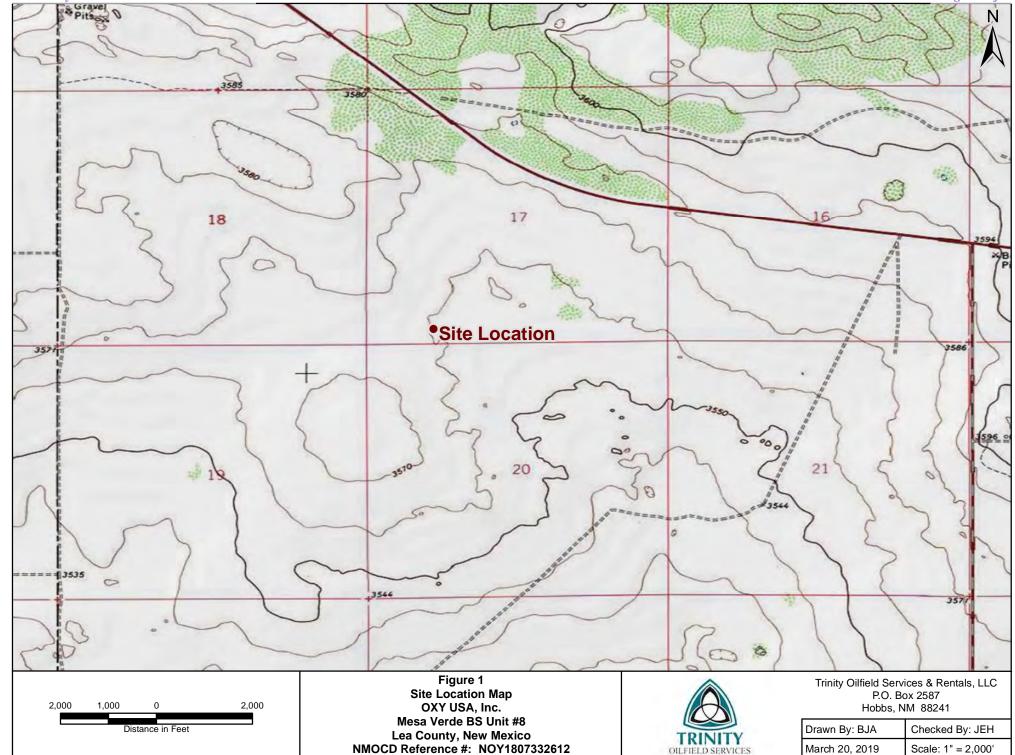


SAMPLE LOCATION	SAMPLE DEPTH (BGS)	SAMPLE DATE	FLOOR/ WALL	OFF-SITE/ ON-SITE	SAMPLE TYPE	SOIL STATUS	CHLORIDE (mg/Kg)	TPH C6-C36 (mg/Kg)	GRO+ DRO (mg/kg)	GRO C6-C10 (mg/Kg)	DRO C10-C28 (mg/Kg)	MRO C28-C36 (mg/Kg)	TOTAL BTEX (mg/Kg)	BENZENE (mg/Kg)
		NMOCD Clo	sure Limits Pa	d			20000	2500	1000	NE	NE	NE	50	10
	N	IMOCD Closure	Limits Pasture	e to 4'			600	100	NE	NE	NE	NE	50	10
CF-038.0-00.3-S	CF-038.0-00.3-S 0.3 3/31/2023 Floor On-Site Composite In-Situ						4240	82.4	62.6	<10.0	62.6	19.8	<.300	<0.50
CF-039.0-00.3-S	0.3	3/31/2023	Floor	On-Site	Composite	In-Situ	5440	97.4	84.4	<10.0	84.4	13	<.300	<0.50
CF-040.0-00.3-S	0.3	3/31/2023	Floor	On-Site	Composite	In-Situ	2200	321.9	282	<10.0	282	39.9	<.300	<0.50
CF-041.0-00.3-S	0.3	3/31/2023	Floor	On-Site	Composite	In-Situ	880	831	655	<10.0	655	176	<.300	<0.50
CF-042.0-00.3-S	0.3	3/31/2023	Floor	On-Site	Composite	In-Situ	2240	331.4	282	<10.0	282	49.4	<.300	<0.50
CF-043.0-00.3-S	0.3	3/31/2023	Floor	On-Site	Composite	In-Situ	1060	339.7	246	<10.0	246	93.7	<.300	<0.50
CF-044.0-00.3-S	0.3	3/31/2023	Floor	On-Site	Composite	Excavated	608	1878	1380	<10.0	1380	498	<.300	<0.50
CF-044.0-01.0-S	1	4/14/2023	Floor	On-Site	Composite	In-Situ	160	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-045.0-00.3-S	0.3	3/31/2023	Floor	On-Site	Composite	Excavated	320	1923	1470	<10.0	1470	453	<.300	<0.50
CF-045.0-01.0-S	1	4/14/2023	Floor	On-Site	Composite	In-Situ	160	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-046.0-00.3-S	0.3	3/31/2023	Floor	On-Site	Composite	In-Situ	320	667	488	<10.0	488	179	<.300	<0.50
CF-047.0-00.3-S	0.3	3/31/2023	Floor	On-Site	Composite	Excavated	160	2074	1530	<10.0	1530	544	<.300	<0.50
CF-047.0-01.0-S	1	4/14/2023	Floor	On-Site	Composite	In-Situ	32	656	543	<10.0	543	113	<.300	<0.50
CF-048.0-00.3-S	0.3	3/31/2023	Floor	On-Site	Composite	Excavated	240	1576	1240	<10.0	1240	336	<.300	<0.50
CF-048.0-01.0-S	1	4/14/2023	Floor	On-Site	Composite	In-Situ	144	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-049.0-00.3-S	0.3	3/31/2023	Floor	On-Site	Composite	In-Situ	336	1369	954	<10.0	954	415	<.300	<0.50
CF-050.0-00.3-S	0.3	3/31/2023	Floor	On-Site	Composite	In-Situ	384	1051	771	<10.0	771	280	<.300	<0.50
CF-051.0-00.3-S	0.3	3/31/2023	Floor	On-Site	Composite	Excavated	384	1420	1050	<10.0	1050	370	<.300	<0.50
CF-051.0-01.0-S	1	4/14/2023	Floor	On-Site	Composite	In-Situ	144	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-052.0-00.3-S	0.3	3/31/2023	Floor	On-Site	Composite	Excavated	400	1970	1530	<10.0	1530	440	<.300	<0.50
CF-052.0-01.0-S	1	4/14/2023	Floor	On-Site	Composite	In-Situ	160	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-053.0-00.3-S	0.3	3/31/2023	Floor	On-Site	Composite	Excavated	384	2442	1940	<10.0	1940	502	<.300	<0.50
CF-053.0-01.0-S	1	4/14/2023	Floor	On-Site	Composite	In-Situ	160	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-054.0-00.3-S	0.3	3/31/2023	Floor	On-Site	Composite	In-Situ	464	103	103	<10.0	103	<10.0	<.300	<0.50
CF-055.0-00.3-S	0.3	3/31/2023	Floor	On-Site	Composite	Excavated	1760	1263.3	1220	<10.0	1220	43.3	<.300	<0.50
CF-055.0-01.0-S	1	4/14/2023	Floor	On-Site	Composite	In-Situ	16	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-056.0-00.3-S	0.3	3/31/2023	Floor	On-Site	Composite	Excavated	1220	2506	2390	<10.0	2390	116	<.300	<0.50
CF-056.0-01.0-S	1	4/14/2023	Floor	On-Site	Composite	In-Situ	16	667	554	<10.0	554	113	<.300	<0.50
						Remed	iation Walls							
CW-001.0-00.0-S	0	9/29/2023	Floor	On-Site	Composite	In-Situ	1,040.00	127.70	117.00	<10.0	117.00	10.70	<.300	<0.50

.

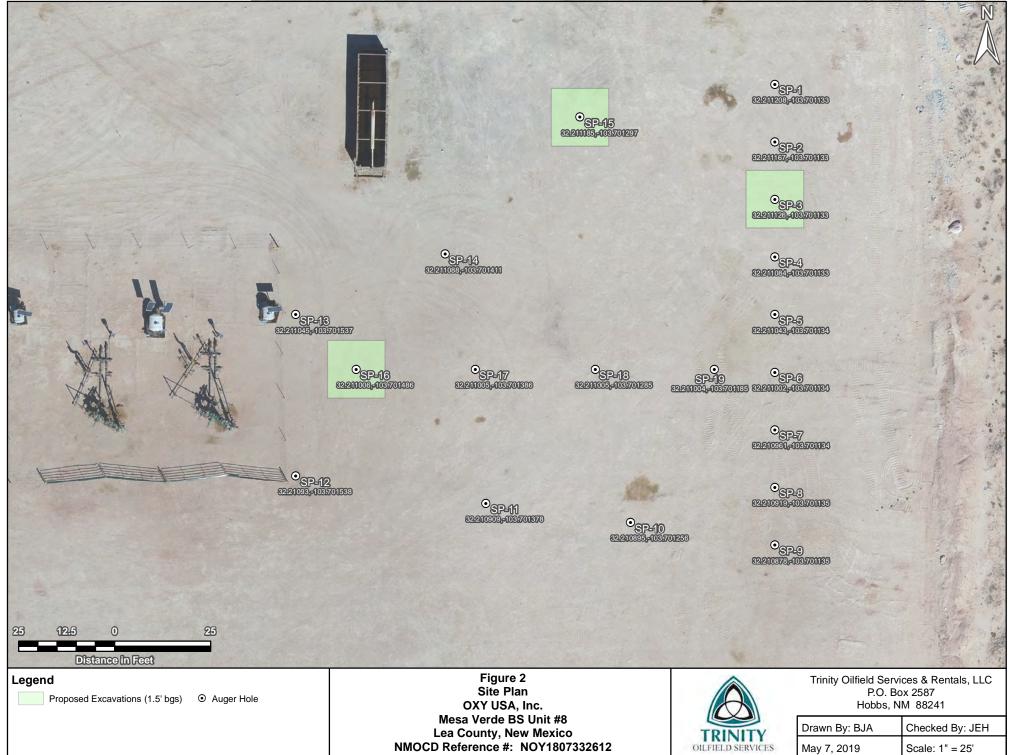
Received by OCD: 12/11/2023 12:16:33 PM

Page 14 of 225

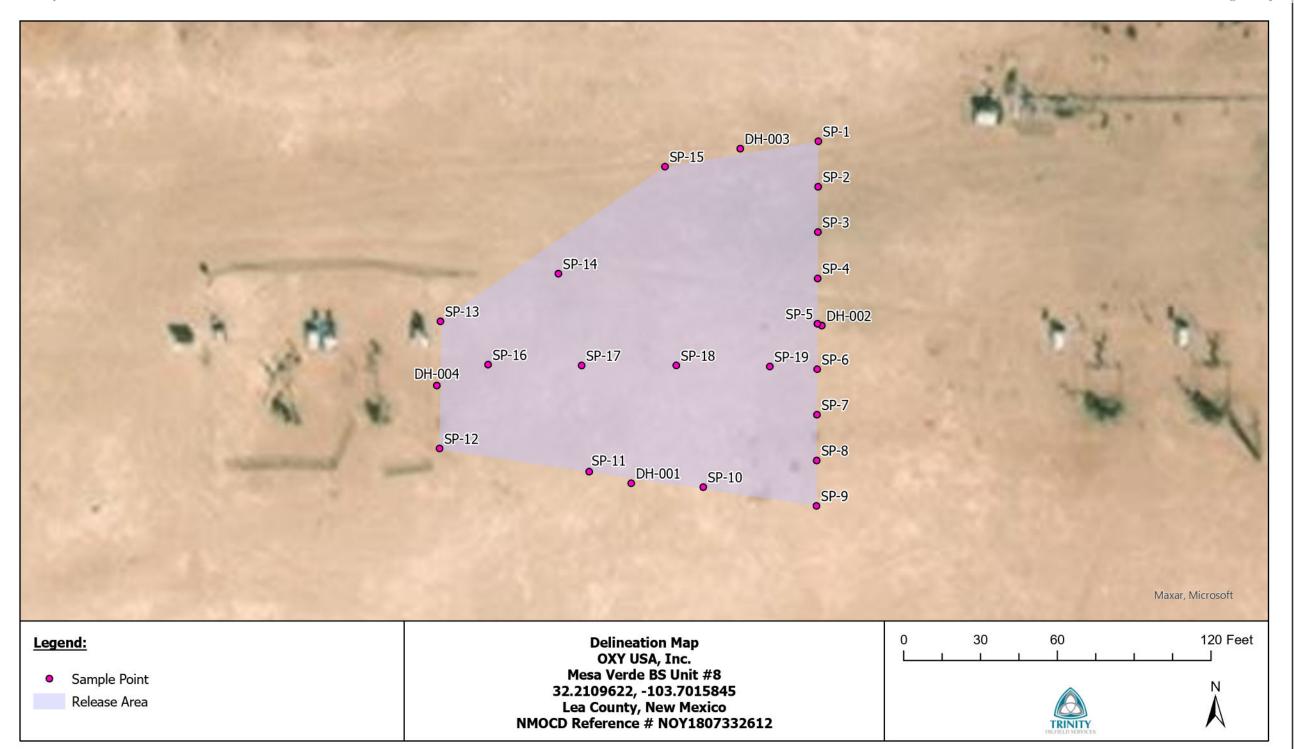


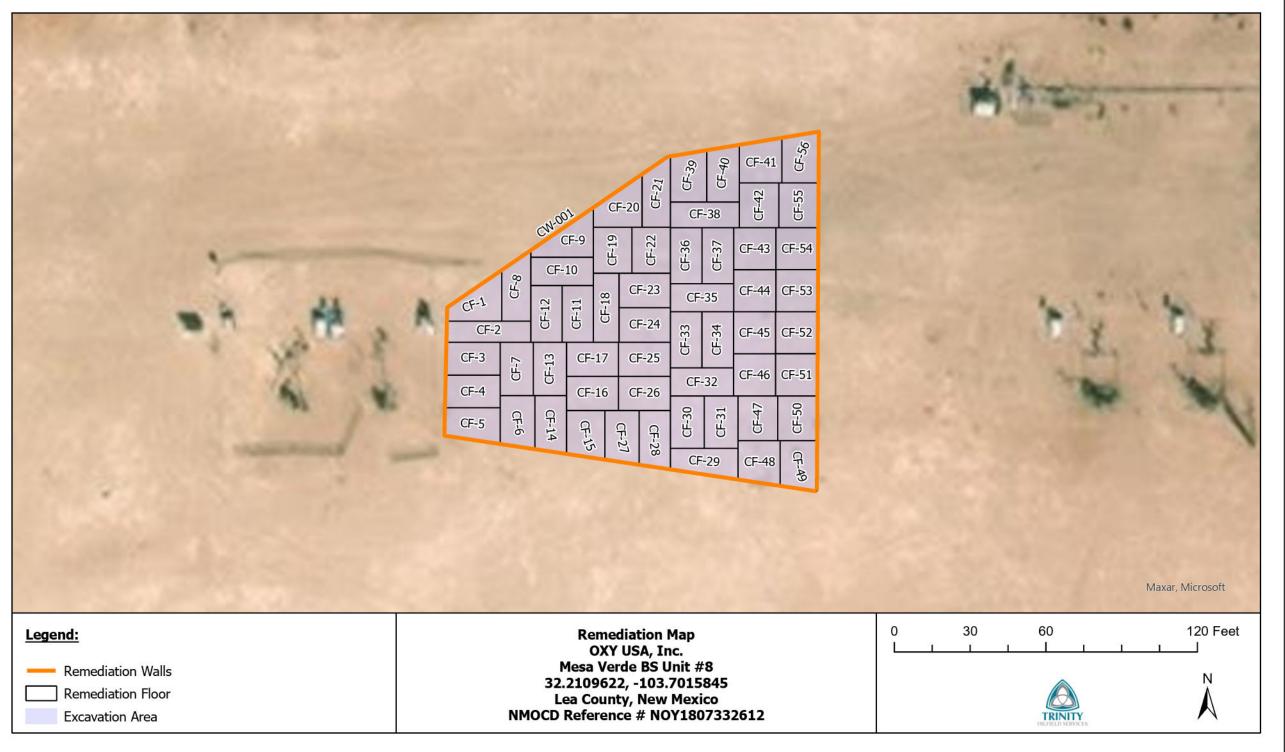
Released to Imaging: 12/14/2023 2:50:51 PM

Received by OCD: 12/11/2023 12:16:33 PM



Released to Imaging: 12/14/2023 2:50:51 PM





Received by OCD: 12/11/2023 12:16:33 PM

PROJECT NAME Mesa Verde BS Unit #8



SOIL BORE LOG SB-13

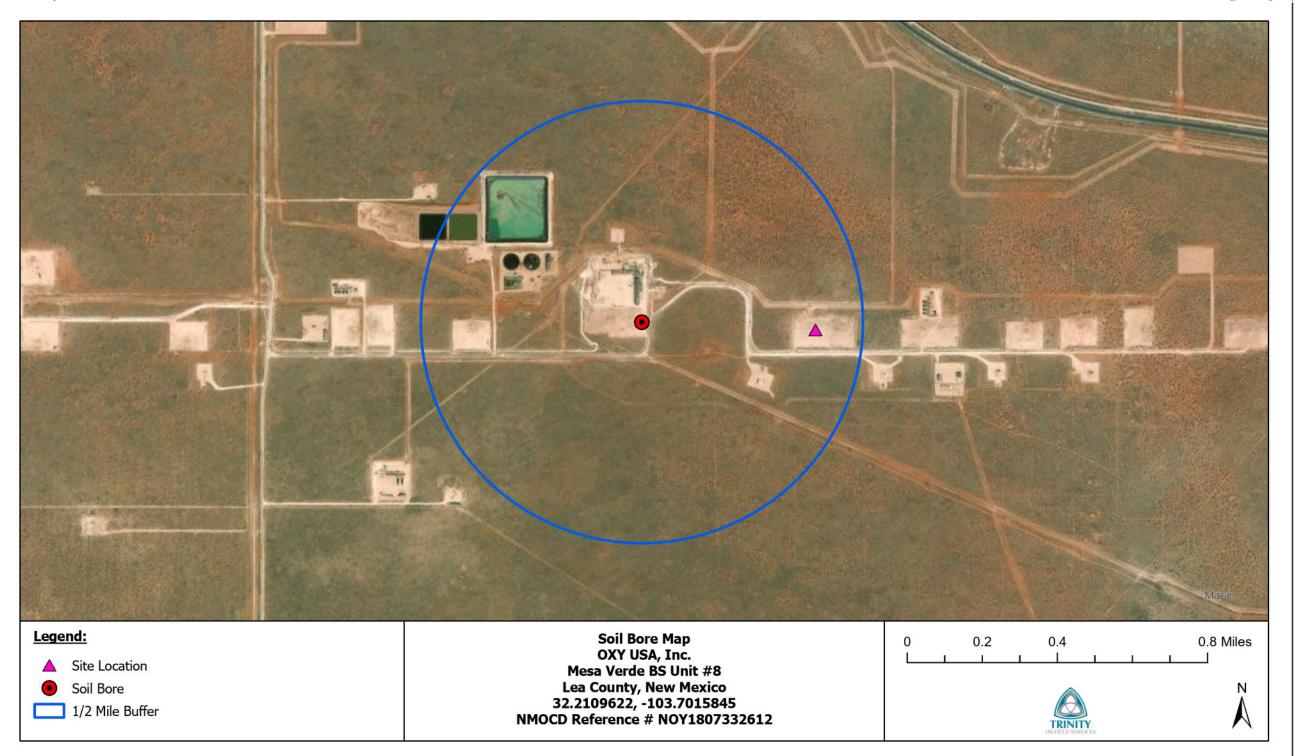
DRILLING DATE 06/21/2023

COORDINATES 32.21119430, -103.70826819

PROJECT NAME Mesa VA CLIENT OXY USA, Inc.		DRILLING DATE 06/21/2023 TOTAL DEPTH 105'	COORDINATES 32.21119430, -103.70826819 COORD SYS NAD 83 ULSTR P-18-24S-32E SURFACE ELEVATION 3721'
COMMENTS Spud on the Bore Hole was observed to		lesa Verde Bone Spring Unit #011H Well Pad.	LOGGED BY CJ Checked by DD
Depth (ft)	Moisture	Material Description	Elevation (ft)
	D	Reddish Yellow Sandy Clay Loam. Dry	- 3720
5		Reddish Yellow Sandy Loam. Dry	3715
10		Light Red Sandy Clay Loam. Dry	3710
15		Red Sandy Loam. Dry	3705
20		Reddish Brown Sandy Loam. Dry	3700
25		Red Sandy Clay Loam. Dry	3695
30			3690
35			3685
40			3680
45		Red Sandy Clay. Dry	- 3675
50			3670
55			3665
60		Yellowish Red Sandy Clay Loam. Dry	3660
65		Red Sandy Clay Loam. Dry	3655
70			3650
75			3645
80			3640
85		Ded Candy Class Date	- 3635
90		Red Sandy Clay. Dry	
95		Red Sandy Clay Loam. Dry	- 3630
100			3625
			3620
105		Termination Depth at: 105 ft.	- 3615

Disclaimer This bore log is intended to evidence a depth to groundwater greater than 105'. Released to Integrates 13/04/2003 02:501511 PDV

.



OXY USA, Inc. – Mesa Verde BS Unit #8 Unit Letter "M" (SW/SW), Section 17, Township 24S, Range 32E



Release Site



Release Site

OXY USA, Inc. – Mesa Verde BS Unit #8

Unit Letter "M" (SW/SW), Section 17, Township 24S, Range 32E



Release Site

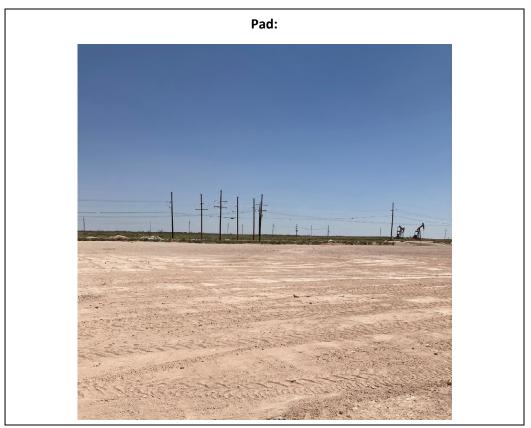


Release Site



Excavation

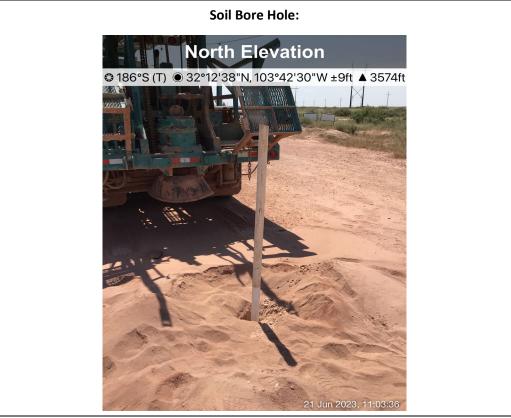






Excavation

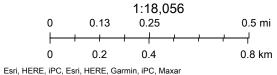




NOY1807332612 | MESA VERDE BS UNIT #8



5/2/2023, 8:44:04 AM



Released to Imaging: 12/14/2023 2:50:51 PM

U.S. Fish and Wildlife Service **National Wetlands Inventory**

8



May 2, 2023

Wetlands

- Estuarine and Marine Deepwater
- Estuarine and Marine Wetland

Released to Imaging: 12/14/2023 2:50:51 PM

- Freshwater Forested/Shrub Wetland

Freshwater Emergent Wetland

Freshwater Pond

Lake Other Riverine

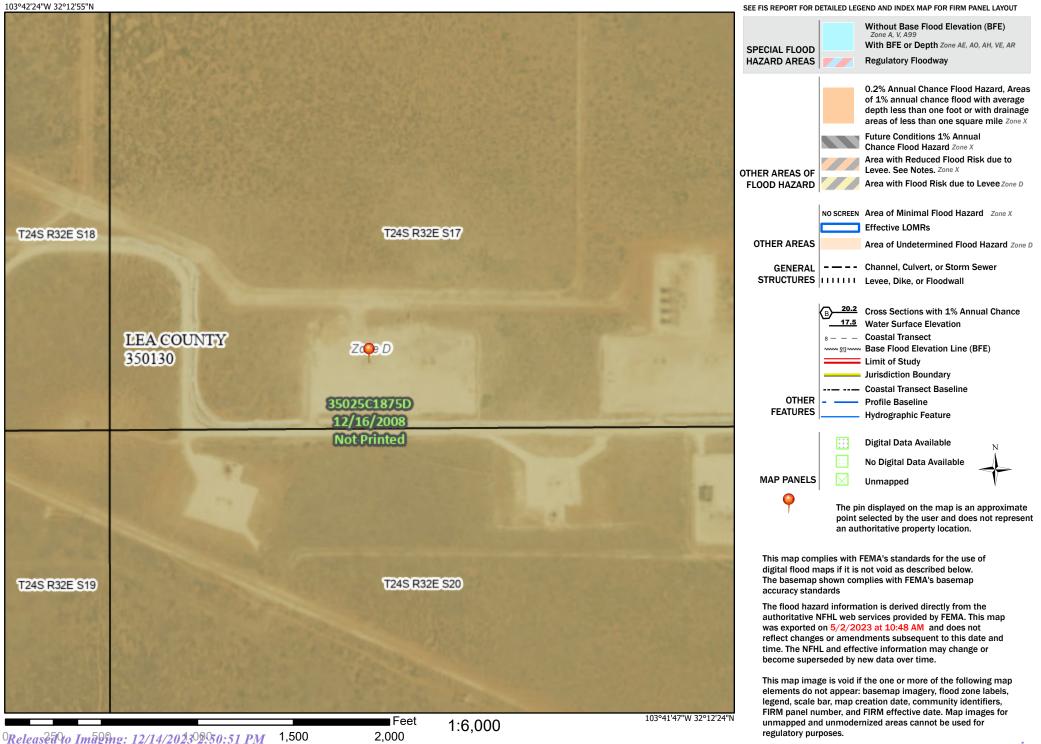
This map is for general reference only. The US Fish and Wildlife Service is not responsible for the accuracy or currentness of the base data shown on this map. All wetlands related data should be used in accordance with the layer metadata found on the Wetlands Mapper web site.

Received by OCD: 12/11/2023 12:16:33 PM National Flood Hazard Layer FIRMette



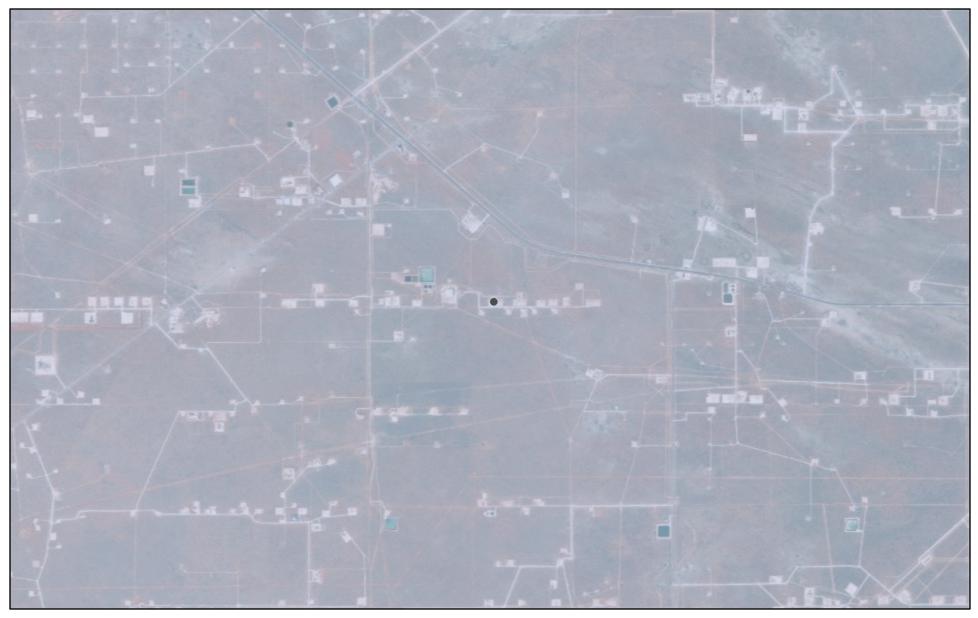
Legend

Page 26 of 225



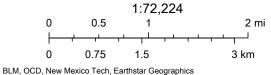
Basemap: USGS National Map: Orthoimagery: Data refreshed October, 2020

NOY1807332612 | MESA VERDE BS UNIT #8

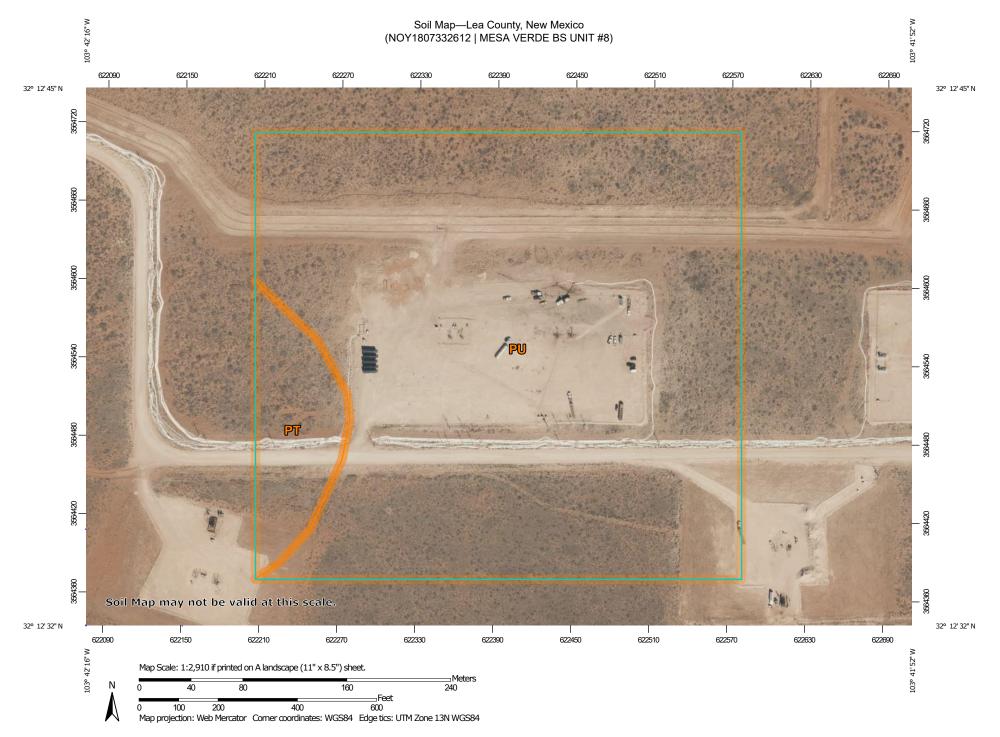


5/2/2023, 8:46:48 AM Karst Occurrence Potential

Low



New Mexico Oil Conservation Division



USDA Natural Resources Conservation Service Released to Imaging: 12/14/2023 2:50:51 PM Web Soil Survey National Cooperative Soil Survey 5/2/2023 Page 1 of 3

Soil Map—Lea County, New Mexico (NOY1807332612 | MESA VERDE BS UNIT #8)

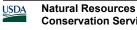
MAP LI	EGEND	MAP INFORMATION
Area of Interest (AOI) Image: Imag	EGENDImage: Spoil AreaImage: Spoil	MAP INFORMATION The soil surveys that comprise your AOI were mapped at 1:20,000. Warning: Soil Map may not be valid at this scale. Enlargement of maps beyond the scale of mapping can cause misunderstanding 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.
▲ Marsh or swamp ▲ Marsh or Quarry Image: Severely Eroded Spot	Background Aerial Photography	 This product is generated from the USDA-NRCS certified data a of the version date(s) listed below. Soil Survey Area: Lea County, New Mexico Survey Area Data: Version 19, Sep 8, 2022 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.

USDA Natural Resources Conservation Service Released to Imaging: 12/14/2023 2:50:51 PM

•

Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
PT	Pyote loamy fine sand	2.7	8.5%
PU	Pyote and Maljamar fine sands	29.1	91.5%
Totals for Area of Interest	·	31.8	100.0%







Certificate of Analysis Summary 617507

Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Project Name: Mesa Verde BS Unit #8



Date Received in Lab:Wed Mar-13-19 12:45 pmReport Date:21-MAR-19Project Manager:Holly Taylor

	Lab Id:	617507-	001	617507-0	002	617507-0	003	617507-	004	617507-	005	617507-0	006
Analysis Doguested	Field Id:	SP-1		SP-2		SP-3		SP-4		SP-5		SP-6	i
Analysis Requested	Depth:												
	Matrix:	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	Sampled:	Mar-06-19	11:50	Mar-06-19	11:56	Mar-06-19	12:03	Mar-06-19	12:08	Mar-06-19	12:12	Mar-06-19	12:14
BTEX by EPA 8021B	Extracted:	Mar-19-19	13:00	Mar-19-19	13:00	Mar-19-19	13:00	Mar-19-19	13:00	Mar-19-19	13:00	Mar-19-19	13:00
	Analyzed:	Mar-19-19	20:54	Mar-19-19	21:13	Mar-19-19	21:32	Mar-19-19	21:51	Mar-19-19	22:10	Mar-19-19	22:29
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Benzene		< 0.00200	0.00200	< 0.00202	0.00202	< 0.00200	0.00200	< 0.00200	0.00200	< 0.00201	0.00201	< 0.00199	0.00199
Toluene		< 0.00200	0.00200	< 0.00202	0.00202	< 0.00200	0.00200	< 0.00200	0.00200	< 0.00201	0.00201	< 0.00199	0.00199
Ethylbenzene		< 0.00200	0.00200	< 0.00202	0.00202	< 0.00200	0.00200	< 0.00200	0.00200	< 0.00201	0.00201	< 0.00199	0.00199
m,p-Xylenes		0.00461	0.00400	< 0.00403	0.00403	< 0.00400	0.00400	< 0.00399	0.00399	< 0.00402	0.00402	< 0.00398	0.00398
o-Xylene		< 0.00200	0.00200	< 0.00202	0.00202	< 0.00200	0.00200	< 0.00200	0.00200	< 0.00201	0.00201	< 0.00199	0.00199
Total Xylenes		0.00461	0.00200	< 0.00202	0.00202	< 0.00200	0.00200	< 0.00200	0.00200	< 0.00201	0.00201	< 0.00199	0.00199
Total BTEX		0.00461	0.00200	< 0.00202	0.00202	< 0.00200	0.00200	< 0.00200	0.00200	< 0.00201	0.00201	< 0.00199	0.00199
Chloride by EPA 300	Extracted:	Mar-14-19	12:00	Mar-14-19 12:00									
	Analyzed:	Mar-14-19	16:11	Mar-14-19	16:22	Mar-14-19	16:33	Mar-14-19	16:43	Mar-14-19	16:54	Mar-14-19	17:05
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Chloride		502	5.00	388	5.00	514	4.95	18.8	4.99	< 5.00	5.00	106	4.96
TPH By SW8015 Mod	Extracted:	Mar-15-19	10:00	Mar-15-19	10:00	Mar-15-19	10:00	Mar-15-19	10:00	Mar-15-19	10:00	Mar-15-19	10:00
	Analyzed:	Mar-15-19	16:29	Mar-15-19	17:27	Mar-15-19	17:47	Mar-15-19	18:07	Mar-15-19	18:26	Mar-15-19	18:46
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Gasoline Range Hydrocarbons (GRO)		<14.9	14.9	<15.0	15.0	<14.9	14.9	<15.0	15.0	<15.0	15.0	<15.0	15.0
Diesel Range Organics (DRO)		<14.9	14.9	<15.0	15.0	121	14.9	<15.0	15.0	<15.0	15.0	<15.0	15.0
Motor Oil Range Hydrocarbons (MRO)		<14.9	14.9	<15.0	15.0	28.0	14.9	<15.0	15.0	<15.0	15.0	<15.0	15.0
Total TPH		<14.9	14.9	<15.0	15.0	149	14.9	<15.0	15.0	<15.0	15.0	<15.0	15.0

This analytical report, and the entire data package it represents, has been made for your exclusive and confidential use. The interpretations and results expressed throughout this analytical report represent the best judgment of XENCO Laboratories. XENCO Laboratories assumes no responsibility and makes no warranty to the end use of the data hereby presented. Our liability is limited to the amount invoiced for this work order unless otherwise agreed to in writing.

Houston - Dallas - Midland - Tampa - Phoenix - Lubbock - San Antonio - El Paso - Atlanta - New Mexico

ly ayor

Holly Taylor Project Manager

Released to Imaging: 12/14/2023 2:50:51 PM

Page 1 of 54

Final 1.000





Certificate of Analysis Summary 617507

Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Project Name: Mesa Verde BS Unit #8



Date Received in Lab:Wed Mar-13-19 12:45 pmReport Date:21-MAR-19Project Manager:Holly Taylor

Lab Id:		617507-	007	617507-	008	617507-0	009	617507-010		617507-011		617507-0	012
	Field Id:	SP-7		SP-8		SP-9		SP-10		SP-11	-	SP-12	
Analysis Requested		51-7				51-5		51-10		51-11		51-12	
	Depth:												
	Matrix:	SOIL		SOIL		SOIL		SOIL	,	SOIL		SOIL	,
	Sampled:	Mar-06-19	12:17	Mar-06-19	12:19	Mar-06-19	12:21	Mar-06-19	13:29	Mar-06-19	13:32	Mar-06-19	13:34
BTEX by EPA 8021B	Extracted:	Mar-19-19	13:00	Mar-19-19	13:00	Mar-19-19	13:00	Mar-19-19	13:00	Mar-19-19	13:00	Mar-19-19	13:00
	Analyzed:	Mar-19-19	Mar-19-19 22:48		23:07	Mar-19-19	23:26	Mar-19-19	23:45	Mar-20-19	00:59	Mar-20-19	01:18
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Benzene		< 0.00199	0.00199	< 0.00202	0.00202	< 0.00198	0.00198	< 0.00200	0.00200	< 0.00200	0.00200	< 0.00199	0.00199
Toluene		< 0.00199	0.00199	< 0.00202	0.00202	< 0.00198	0.00198	< 0.00200	0.00200	< 0.00200	0.00200	< 0.00199	0.00199
Ethylbenzene		< 0.00199	0.00199	< 0.00202	0.00202	< 0.00198	0.00198	< 0.00200	0.00200	0.00275	0.00200	< 0.00199	0.00199
m,p-Xylenes		< 0.00398	0.00398	< 0.00403	0.00403	< 0.00397	0.00397	< 0.00400	0.00400	< 0.00401	0.00401	< 0.00398	0.00398
o-Xylene		< 0.00199	0.00199	< 0.00202	0.00202	< 0.00198	0.00198	< 0.00200	0.00200	< 0.00200	0.00200	< 0.00199	0.00199
Total Xylenes		< 0.00199	0.00199	< 0.00202	0.00202	< 0.00198	0.00198	< 0.00200	0.00200	< 0.00200	0.00200	< 0.00199	0.00199
Total BTEX		< 0.00199	0.00199	< 0.00202	0.00202	< 0.00198	0.00198	< 0.00200	0.00200	0.00275	0.00200	< 0.00199	0.00199
Chloride by EPA 300	Extracted:	Mar-14-19	12:00	Mar-14-19 12:30									
	Analyzed:	Mar-14-19	17:15	Mar-15-19	08:55	Mar-15-19 09:14		Mar-15-19 09:20		Mar-15-19 09:26		Mar-15-19 09	
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Chloride		156	5.00	10.4	5.01	83.2	5.01	44.5	5.00	68.0	4.97	45.8	4.98
TPH By SW8015 Mod	Extracted:	Mar-15-19	10:00	Mar-15-19	10:00	Mar-15-19	10:00	Mar-15-19	10:00	Mar-15-19	10:00	Mar-15-19	10:00
	Analyzed:	Mar-15-19	19:05	Mar-15-19	19:25	Mar-15-19	19:44	Mar-15-19	20:04	Mar-15-19	21:02	Mar-15-19	21:22
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Gasoline Range Hydrocarbons (GRO)		<15.0	15.0	<15.0	15.0	<15.0	15.0	<15.0	15.0	<15.0	15.0	<15.0	15.0
Diesel Range Organics (DRO)		<15.0	15.0	<15.0	15.0	<15.0	15.0	<15.0	15.0	<15.0	15.0	<15.0	15.0
Motor Oil Range Hydrocarbons (MRO)		<15.0	15.0	<15.0	15.0	<15.0	15.0	<15.0	15.0	<15.0	15.0	<15.0	15.0
Total TPH		<15.0	15.0	<15.0	15.0	<15.0	15.0	<15.0	15.0	<15.0	15.0	<15.0	15.0

This analytical report, and the entire data package it represents, has been made for your exclusive and confidential use. The interpretations and results expressed throughout this analytical report represent the best judgment of XENCO Laboratories. XENCO Laboratories assumes no responsibility and makes no warranty to the end use of the data hereby presented. Our liability is limited to the amount invoiced for this work order unless otherwise agreed to in writing.

Houston - Dallas - Midland - Tampa - Phoenix - Lubbock - San Antonio - El Paso - Atlanta - New Mexico

y ayou

Holly Taylor Project Manager

Released to Imaging: 12/14/2023 2:50:51 PM

Page 2 of 54

Final 1.000





Certificate of Analysis Summary 617507

Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Project Name: Mesa Verde BS Unit #8



Date Received in Lab:Wed Mar-13-19 12:45 pmReport Date:21-MAR-19Project Manager:Holly Taylor

	Lab Id:	617507-	013	617507-	014	617507-0	015	617507-	016	617507-	017	617507-0	018
Analysis Paguastad	Field Id:	SP-13	3	SP-14	SP-14		i	SP-16		SP-17		SP-18	3
Analysis Requested	Depth:												
	Matrix:	SOIL	_	SOIL	SOIL		SOIL			SOIL		SOIL	
	Sampled:	Mar-06-19	13:40	Mar-06-19	13:43	Mar-06-19	13:45	Mar-07-19	10:54	Mar-07-19	10:57	Mar-07-19	11:01
BTEX by EPA 8021B	Extracted:	Mar-19-19	13:00	Mar-19-19	13:00	Mar-19-19	13:00	Mar-20-19	13:30	Mar-20-19	13:30	Mar-20-19	13:30
	Analyzed:	Mar-20-19	01:37	Mar-20-19	01:56	Mar-20-19	02:15	Mar-20-19	22:45	Mar-20-19	23:04	Mar-20-19	23:23
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Benzene		< 0.00200	0.00200	< 0.00201	0.00201	< 0.00199	0.00199	< 0.00200	0.00200	< 0.00200	0.00200	< 0.00199	0.00199
Toluene		< 0.00200	0.00200	< 0.00201	0.00201	< 0.00199	0.00199	< 0.00200	0.00200	< 0.00200	0.00200	< 0.00199	0.00199
Ethylbenzene		< 0.00200	0.00200	< 0.00201	0.00201	< 0.00199	0.00199	< 0.00200	0.00200	< 0.00200	0.00200	< 0.00199	0.00199
m,p-Xylenes		< 0.00399	0.00399	< 0.00402	0.00402	< 0.00398	0.00398	< 0.00400	0.00400	< 0.00401	0.00401	< 0.00398	0.00398
o-Xylene		< 0.00200	0.00200	< 0.00201	0.00201	< 0.00199	0.00199	< 0.00200	0.00200	< 0.00200	0.00200	< 0.00199	0.00199
Total Xylenes		< 0.00200	0.00200	< 0.00201	0.00201	< 0.00199	0.00199	< 0.00200	0.00200	< 0.00200	0.00200	< 0.00199	0.00199
Total BTEX		< 0.00200	0.00200	< 0.00201	0.00201	< 0.00199	0.00199	< 0.00200	0.00200	< 0.00200	0.00200	< 0.00199	0.00199
Chloride by EPA 300	Extracted:	Mar-14-19	12:30	Mar-14-19 12:30		Mar-14-19 12:30		Mar-14-19 12:30		Mar-14-19 15:00		Mar-14-19 15:00	
	Analyzed:	Mar-15-19	09:50	Mar-15-19	09:56	Mar-15-19 10:02		Mar-15-19 10:08		Mar-14-19 17:48		Mar-14-19 18:0	
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Chloride		56.4	4.96	8.74	5.01	16.4	4.97	280	4.97	113	4.97	101	5.00
TPH By SW8015 Mod	Extracted:	Mar-15-19	10:00	Mar-15-19	10:00	Mar-15-19	10:00	Mar-15-19	10:00	Mar-15-19	10:00	Mar-15-19	10:00
	Analyzed:	Mar-15-19	21:42	Mar-15-19	22:01	Mar-15-19	22:21	Mar-15-19	22:40	Mar-15-19	23:00	Mar-15-19	23:20
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Gasoline Range Hydrocarbons (GRO)		<15.0	15.0	<14.9	14.9	<15.0	15.0	<15.0	15.0	<15.0	15.0	<15.0	15.0
Diesel Range Organics (DRO)		<15.0	15.0	<14.9	14.9	<15.0	15.0	307	15.0	66.0	15.0	<15.0	15.0
Motor Oil Range Hydrocarbons (MRO)		<15.0	15.0	<14.9	14.9	<15.0	15.0	309	15.0	498	15.0	<15.0	15.0
Total TPH		<15.0	15.0	<14.9	14.9	<15.0	15.0	616	15.0	564	15.0	<15.0	15.0

This analytical report, and the entire data package it represents, has been made for your exclusive and confidential use. The interpretations and results expressed throughout this analytical report represent the best judgment of XENCO Laboratories. XENCO Laboratories assumes no responsibility and makes no warranty to the end use of the data hereby presented. Our liability is limited to the amount invoiced for this work order unless otherwise agreed to in writing.

Houston - Dallas - Midland - Tampa - Phoenix - Lubbock - San Antonio - El Paso - Atlanta - New Mexico

ly ayou

Holly Taylor Project Manager

Released to Imaging: 12/14/2023 2:50:51 PM

Page 3 of 54





Certificate of Analysis Summary 617507

Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Project Name: Mesa Verde BS Unit #8



Date Received in Lab:Wed Mar-13-19 12:45 pmReport Date:21-MAR-19Project Manager:Holly Taylor

	1		1	1	1	1	
	Lab Id:	617507-019					
Analysis Requested	Field Id:	SP-19					
Analysis Kequestea	Depth:						
	Matrix:	SOIL					
	Sampled:	Mar-07-19 11:03					
BTEX by EPA 8021B	Extracted:	Mar-20-19 13:30					
	Analyzed:	Mar-20-19 23:42					
	Units/RL:	mg/kg RL					
Benzene		<0.00199 0.00199					
Toluene		<0.00199 0.00199					
Ethylbenzene		<0.00199 0.00199					
m,p-Xylenes		<0.00398 0.00398					
o-Xylene		<0.00199 0.00199					
Total Xylenes		<0.00199 0.00199					
Total BTEX		<0.00199 0.00199					
Chloride by EPA 300	Extracted:	Mar-14-19 15:00					
	Analyzed:	Mar-14-19 18:12					
	Units/RL:	mg/kg RL					
Chloride		189 4.96					
TPH By SW8015 Mod	Extracted:	Mar-15-19 10:00					
	Analyzed:	Mar-15-19 23:39					
	Units/RL:	mg/kg RL					
Gasoline Range Hydrocarbons (GRO)		<15.0 15.0					
Diesel Range Organics (DRO)		116 15.0					
Motor Oil Range Hydrocarbons (MRO)		19.5 15.0					
Total TPH		136 15.0					
			I	1	1	1	L

This analytical report, and the entire data package it represents, has been made for your exclusive and confidential use. The interpretations and results expressed throughout this analytical report represent the best judgment of XENCO Laboratories. XENCO Laboratories assumes no responsibility and makes no warranty to the end use of the data hereby presented. Our liability is limited to the amount invoiced for this work order unless otherwise agreed to in writing.

Houston - Dallas - Midland - Tampa - Phoenix - Lubbock - San Antonio - El Paso - Atlanta - New Mexico

ly ayou

Holly Taylor Project Manager

Released to Imaging: 12/14/2023 2:50:51 PM

Page 4 of 54

Final 1.000

Analytical Report 617507

for

Trinity Oilfield Services & Rentals, LLC

Project Manager: Ben Arguijo

Mesa Verde BS Unit #8

21-MAR-19

Collected By: Client





1211 W. Florida Ave Midland TX 79701

Xenco-Houston (EPA Lab Code: TX00122): Texas (T104704215-18-28), Arizona (AZ0765), Florida (E871002-24), Louisiana (03054) Oklahoma (2017-142)

> Xenco-Dallas (EPA Lab Code: TX01468): Texas (T104704295-18-17), Arizona (AZ0809), Arkansas (17-063-0)

Xenco-El Paso (EPA Lab Code: TX00127): Texas (T104704221-18-14) Xenco-Lubbock (EPA Lab Code: TX00139): Texas (T104704219-18-18) Xenco-Midland (EPA Lab Code: TX00158): Texas (T104704400-18-18) Xenco-San Antonio (EPA Lab Code: TNI02385): Texas (T104704534-18-4) Xenco Phoenix (EPA Lab Code: AZ00901): Arizona (AZ0757) Xenco-Phoenix Mobile (EPA Lab Code: AZ00901): Arizona (AZM757) Xenco-Atlanta (LELAP Lab ID #04176) Xenco-Tampa: Florida (E87429), North Carolina (483) Xenco-Lakeland: Florida (E84098)





21-MAR-19

A BORNTON

Page 36 of 225

Project Manager: **Ben Arguijo Trinity Oilfield Services & Rentals, LLC** PO BOX 2587 Hobbs, NM 88241

Reference: XENCO Report No(s): 617507 Mesa Verde BS Unit #8 Project Address:

Ben Arguijo:

We are reporting to you the results of the analyses performed on the samples received under the project name referenced above and identified with the XENCO Report Number(s) 617507. All results being reported under this Report Number apply to the samples analyzed and properly identified with a Laboratory ID number. Subcontracted analyses are identified in this report with either the NELAC certification number of the subcontract lab in the analyst ID field, or the complete subcontracted report attached to this report.

Unless otherwise noted in a Case Narrative, all data reported in this Analytical Report are in compliance with NELAC standards. The uncertainty of measurement associated with the results of analysis reported is available upon request. Should insufficient sample be provided to the laboratory to meet the method and NELAC Matrix Duplicate and Matrix Spike requirements, then the data will be analyzed, evaluated and reported using all other available quality control measures.

The validity and integrity of this report will remain intact as long as it is accompanied by this letter and reproduced in full, unless written approval is granted by XENCO Laboratories. This report will be filed for at least 5 years in our archives after which time it will be destroyed without further notice, unless otherwise arranged with you. The samples received, and described as recorded in Report No. 617507 will be filed for 45 days, and after that time they will be properly disposed without further notice, unless otherwise arranged with you. We reserve the right to return to you any unused samples, extracts or solutions related to them if we consider so necessary (e.g., samples identified as hazardous waste, sample sizes exceeding analytical standard practices, controlled substances under regulated protocols, etc).

We thank you for selecting XENCO Laboratories to serve your analytical needs. If you have any questions concerning this report, please feel free to contact us at any time.

Respectfully,

thely Taylor

Holly Taylor Project Manager

Recipient of the Prestigious Small Business Administration Award of Excellence in 1994. Certified and approved by numerous States and Agencies. A Small Business and Minority Status Company that delivers SERVICE and QUALITY

Houston - Dallas - Midland - San Antonio - Phoenix - Oklahoma - Latin America

Page 6 of 54





Sample Cross Reference 617507



Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Sample Id	Matrix	Date Collected	Sample Depth	Lab Sample Id
SP-1	S	03-06-19 11:50		617507-001
SP-2	S	03-06-19 11:56		617507-002
SP-3	S	03-06-19 12:03		617507-003
SP-4	S	03-06-19 12:08		617507-004
SP-5	S	03-06-19 12:12		617507-005
SP-6	S	03-06-19 12:14		617507-006
SP-7	S	03-06-19 12:17		617507-007
SP-8	S	03-06-19 12:19		617507-008
SP-9	S	03-06-19 12:21		617507-009
SP-10	S	03-06-19 13:29		617507-010
SP-11	S	03-06-19 13:32		617507-011
SP-12	S	03-06-19 13:34		617507-012
SP-13	S	03-06-19 13:40		617507-013
SP-14	S	03-06-19 13:43		617507-014
SP-15	S	03-06-19 13:45		617507-015
SP-16	S	03-07-19 10:54		617507-016
SP-17	S	03-07-19 10:57		617507-017
SP-18	S	03-07-19 11:01		617507-018
SP-19	S	03-07-19 11:03		617507-019



CASE NARRATIVE

Client Name: Trinity Oilfield Services & Rentals, LLC Project Name: Mesa Verde BS Unit #8

Project ID: Work Order Number(s): 617507 Report Date: 21-MAR-19 Date Received: 03/13/2019

Sample receipt non conformances and comments:

None

Sample receipt non conformances and comments per sample:

None

Analytical non conformances and comments:

Batch: LBA-3082733 BTEX by EPA 8021B

Soil samples were not received in Terracore kits and therefore were prepared by method 5030. Surrogate 4-Bromofluorobenzene recovered above QC limits. Matrix interferences is suspected. Samples affected are: 617507-001,617507-009,617507-015,617507-011,617507-012,617507-010.

Batch: LBA-3082772 BTEX by EPA 8021B

Soil samples were not received in Terracore kits and therefore were prepared by method 5030. Surrogate 4-Bromofluorobenzene recovered above QC limits. Matrix interferences is suspected. Samples affected are: 617507-019,617507-017.





Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Mesa Verde BS Unit #8

Sample Id: SP-1		Matrix:	Soil]	Date Received:03.1	13.19 12.4	5
Lab Sample Id: 617507-001		Date Collec	eted: 03.06.19 11.50				
Analytical Method: Chloride by EF	PA 300]	Prep Method: E30	0P	
Tech: CHE					% Moisture:		
Analyst: CHE		Date Prep:	03.14.19 12.00]	Basis: Wet	t Weight	
Seq Number: 3082186							
Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	502	5.00	mg/kg	03.14.19 16.11		1

Analytical Method: TPH By SW80	15 Mod				F	rep Method: TX	1005P	
Tech: ARM					9	6 Moisture:		
Analyst: ARM		Date Pre	p: 03.15	19 10.00	E	Basis: We	et Weight	
Seq Number: 3082335								
Parameter	Cas Number	Result	RL		Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<14.9	14.9		mg/kg	03.15.19 16.29	U	1
Diesel Range Organics (DRO)	C10C28DRO	<14.9	14.9		mg/kg	03.15.19 16.29	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<14.9	14.9		mg/kg	03.15.19 16.29	U	1
Total TPH	PHC635	<14.9	14.9		mg/kg	03.15.19 16.29	U	1
Surrogate		Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1-Chlorooctane		111-85-3	96	%	70-135	03.15.19 16.29		

94

%

70-135

03.15.19 16.29

84-15-1

o-Terphenyl





Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Sample Id: SP-1 Lab Sample Id: 617507-001	Matrix: Date Collecte	Soil d: 03.06.19 11.50	Date Received:03.13.19 12.				
Analytical Method: BTEX by EPA	8021B			1	od: SW5030B		
Tech: SCM Analyst: SCM		Date Prep:	03.19.19 13.00	% Moistu Basis:	re: Wet Weight		
Seq Number: 3082733	Cas Number	Result 1		Unite Analys	is Data Flag	БIJ	

Parameter	Cas Number	Result	RL		Units	Analysis Date	Flag	Dil
Benzene	71-43-2	< 0.00200	0.00200		mg/kg	03.19.19 20.54	U	1
Toluene	108-88-3	< 0.00200	0.00200		mg/kg	03.19.19 20.54	U	1
Ethylbenzene	100-41-4	< 0.00200	0.00200		mg/kg	03.19.19 20.54	U	1
m,p-Xylenes	179601-23-1	0.00461	0.00400		mg/kg	03.19.19 20.54		1
o-Xylene	95-47-6	< 0.00200	0.00200		mg/kg	03.19.19 20.54	U	1
Total Xylenes	1330-20-7	0.00461	0.00200		mg/kg	03.19.19 20.54		1
Total BTEX		0.00461	0.00200		mg/kg	03.19.19 20.54		1
Surrogate		Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
4-Bromofluorobenzene		460-00-4	173	%	70-130	03.19.19 20.54	**	
1,4-Difluorobenzene		540-36-3	108	%	70-130	03.19.19 20.54		





Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Mesa Verde BS Unit #8

Sample Id: SP-2		Matrix:	Soil		Date Received:03.	13.19 12.4	5
Lab Sample Id: 617507-002		Date Collec	cted: 03.06.19 11.56				
Analytical Method: Chloride by EPA	A 300				Prep Method: E30)0P	
Tech: CHE					% Moisture:		
Analyst: CHE		Date Prep:	03.14.19 12.00		Basis: We	t Weight	
Seq Number: 3082186							
Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	388	5.00	mg/kg	03.14.19 16.22		1

Analytical Method: TPH By SW80	15 Mod				F	rep Method: TX	1005P	
Tech: ARM					9	6 Moisture:		
Analyst: ARM		Date Pre	p: 03.15.	19 10.00	E	Basis: We	t Weight	
Seq Number: 3082335								
Parameter	Cas Number	Result	RL		Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<15.0	15.0		mg/kg	03.15.19 17.27	U	1
Diesel Range Organics (DRO)	C10C28DRO	<15.0	15.0		mg/kg	03.15.19 17.27	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<15.0	15.0		mg/kg	03.15.19 17.27	U	1
Total TPH	PHC635	<15.0	15.0		mg/kg	03.15.19 17.27	U	1
Surrogate		Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1-Chlorooctane		111-85-3	92	%	70-135	03.15.19 17.27		

87

%

84-15-1

o-Terphenyl

70-135 03.15.19 17.27





Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Sample Id: SP-2 Lab Sample Id: 617507-002			Matrix: Date Collecte	Soil d: 03.06.19 11.56	Date Received:03.13.19 12				
Analytical M	ethod: BTEX by EPA 8	021B			Prep 1	Method: SW5030B			
Tech:	SCM				% Mo	oisture:			
Analyst:	SCM		Date Prep:	03.19.19 13.00	Basis	: Wet Weight			
Seq Number:	3082733								
Parameter		Cas Number	Result 5	21.	Units A	nalvsis Date Flag	Di		

Parameter	Cas Number	Result	RL		Units	Analysis Date	Flag	Dil
Benzene	71-43-2	< 0.00202	0.00202		mg/kg	03.19.19 21.13	U	1
Toluene	108-88-3	< 0.00202	0.00202		mg/kg	03.19.19 21.13	U	1
Ethylbenzene	100-41-4	< 0.00202	0.00202		mg/kg	03.19.19 21.13	U	1
m,p-Xylenes	179601-23-1	< 0.00403	0.00403		mg/kg	03.19.19 21.13	U	1
o-Xylene	95-47-6	< 0.00202	0.00202		mg/kg	03.19.19 21.13	U	1
Total Xylenes	1330-20-7	< 0.00202	0.00202		mg/kg	03.19.19 21.13	U	1
Total BTEX		< 0.00202	0.00202		mg/kg	03.19.19 21.13	U	1
Surrogate		Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
4-Bromofluorobenzene		460-00-4	122	%	70-130	03.19.19 21.13		
1,4-Difluorobenzene		540-36-3	116	%	70-130	03.19.19 21.13		



Certificate of Analytical Results 617507



Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Sample Id:	SP-3		Matrix:	Soil		Date Received:03.	13.19 12.4	5
Lab Sample	ld: 617507-003		Date Colle	cted: 03.06.19 12.03				
Analytical M	ethod: Chloride by EP	A 300				Prep Method: E30	00P	
Tech:	CHE					% Moisture:		
Analyst:	CHE		Date Prep:	03.14.19 12.00		Basis: We	t Weight	
Seq Number:	3082186							
Parameter		Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride		16887-00-6	514	4.95	mg/kg	03.14.19 16.33		1

5 Mod	Date Prep	: 03.15	.19 10.00	%	6 Moisture:		
Cas Number	Result	RL		Units	Analysis Date	Flag	Dil
PHC610	<14.9	14.9		mg/kg	03.15.19 17.47	U	1
C10C28DRO	121	14.9		mg/kg	03.15.19 17.47		1
PHCG2835	28.0	14.9		mg/kg	03.15.19 17.47		1
PHC635	149	14.9		mg/kg	03.15.19 17.47		1
	111-85-3	93	Units %	Limits 70-135	03.15.19 17.47	Flag	
	Cas Number PHC610 C10C28DRO PHCG2835 PHC635	Cas Number Result PHC610 <14.9	Date Prep: 03.15. Cas Number Result RL PHC610 <14.9	Date Prep: 03.15.19 10.00 Cas Number Result RL PHC610 <14.9	Cas Number Result RL Units PHC610 <14.9	Cas Number Result RL Units Analysis Date PHC610 <14.9	Noisture: Date Prep: 03.15.19 10.00 Basis: Wet Weight Cas Number Result RL Units Analysis Date Flag PHC610 <14.9





Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Sample Id: SP-3 Lab Sample Id: 617507-003	Matrix: Date Collecte	Soil d: 03.06.19 12.03	Date Received:03.13.19 12				
Analytical Method: BTEX by EP. Tech: SCM	A 8021B			Prep Met % Moistu	hod: SW5030B		
Analyst: SCM Seq Number: 3082733		Date Prep:	03.19.19 13.00	Basis:	Wet Weight		
Parameter	Cas Number	Result I	νī	Unite Anoly	sic Doto Flog	D;	

Parameter	Cas Number	Result	RL		Units	Analysis Date	Flag	Dil
Benzene	71-43-2	< 0.00200	0.00200		mg/kg	03.19.19 21.32	U	1
Toluene	108-88-3	< 0.00200	0.00200		mg/kg	03.19.19 21.32	U	1
Ethylbenzene	100-41-4	< 0.00200	0.00200		mg/kg	03.19.19 21.32	U	1
m,p-Xylenes	179601-23-1	< 0.00400	0.00400		mg/kg	03.19.19 21.32	U	1
o-Xylene	95-47-6	< 0.00200	0.00200		mg/kg	03.19.19 21.32	U	1
Total Xylenes	1330-20-7	< 0.00200	0.00200		mg/kg	03.19.19 21.32	U	1
Total BTEX		< 0.00200	0.00200		mg/kg	03.19.19 21.32	U	1
Surrogate		Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
4-Bromofluorobenzene		460-00-4	120	%	70-130	03.19.19 21.32		
1,4-Difluorobenzene		540-36-3	117	%	70-130	03.19.19 21.32		





Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Sample Id: SP-4		Matrix:	Soil		Date Received:03.	13.19 12.4	5
Lab Sample Id: 617507-004		Date Collec	ted: 03.06.19 12.08				
Analytical Method: Chloride by EPA	300				Prep Method: E30)0P	
Tech: CHE					% Moisture:		
Analyst: CHE		Date Prep:	03.14.19 12.00		Basis: We	t Weight	
Seq Number: 3082186							
Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	18.8	4.99	mg/kg	03.14.19 16.43		1

Analytical Method: TPH By SW801	5 Mod				F	Prep Method: TX	1005P	
Tech: ARM					9	6 Moisture:		
Analyst: ARM		Date Pre	p: 03.15	19 10.00	E	Basis: Wet	t Weight	
Seq Number: 3082335								
Parameter	Cas Number	Result	RL		Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<15.0	15.0		mg/kg	03.15.19 18.07	U	1
Diesel Range Organics (DRO)	C10C28DRO	<15.0	15.0		mg/kg	03.15.19 18.07	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<15.0	15.0		mg/kg	03.15.19 18.07	U	1
Total TPH	PHC635	<15.0	15.0		mg/kg	03.15.19 18.07	U	1
Surrogate		Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1-Chlorooctane		111-85-3	88	%	70-135	03.15.19 18.07		
o-Terphenyl		84-15-1	85	%	70-135	03.15.19 18.07		





Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Sample Id: Sample Id:	SP-4 617507-004		Matrix: Date Collecte	Soil d: 03.06.19 12.08		Date Received	:03.13.19 12	2.45
Analytical Metho	od: BTEX by EPA 8021	В				Prep Method:	SW5030B	
Tech: S	CM					% Moisture:		
Analyst: S	СМ		Date Prep:	03.19.19 13.00		Basis:	Wet Weigh	nt
Seq Number: 3	082733							
Parameter		Cas Number	Result R	T	Unite	Analysis De	nto Flag	Dil

Parameter	Cas Number	Result	RL		Units	Analysis Date	Flag	Dil
Benzene	71-43-2	< 0.00200	0.00200		mg/kg	03.19.19 21.51	U	1
Toluene	108-88-3	< 0.00200	0.00200		mg/kg	03.19.19 21.51	U	1
Ethylbenzene	100-41-4	< 0.00200	0.00200		mg/kg	03.19.19 21.51	U	1
m,p-Xylenes	179601-23-1	< 0.00399	0.00399		mg/kg	03.19.19 21.51	U	1
o-Xylene	95-47-6	< 0.00200	0.00200		mg/kg	03.19.19 21.51	U	1
Total Xylenes	1330-20-7	< 0.00200	0.00200		mg/kg	03.19.19 21.51	U	1
Total BTEX		< 0.00200	0.00200		mg/kg	03.19.19 21.51	U	1
Surrogate		Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
4-Bromofluorobenzene		460-00-4	122	%	70-130	03.19.19 21.51		
1,4-Difluorobenzene		540-36-3	115	%	70-130	03.19.19 21.51		





Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Mesa Verde BS Unit #8

Sample Id: SP-5 Lab Sample Id: 617507-005		Matrix: Date Colle	Soil cted: 03.06.19 12.12		Date Received:03	.13.19 12.4	5
Analytical Method: Chloride by EPA	A 300				Prep Method: E3	00P	
Tech: CHE					% Moisture:		
Analyst: CHE		Date Prep:	03.14.19 12.00		Basis: We	et Weight	
Seq Number: 3082186							
Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	<5.00	5.00	mg/kg	03.14.19 16.54	U	1

Analytical Method: TPH By SW80	15 Mod				F	Prep Method: TX	(1005P	
Tech: ARM					9	6 Moisture:		
Analyst: ARM		Date Pre	p: 03.15.	19 10.00	E	Basis: We	et Weight	
Seq Number: 3082335								
Parameter	Cas Number	Result	RL		Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<15.0	15.0		mg/kg	03.15.19 18.26	U	1
Diesel Range Organics (DRO)	C10C28DRO	<15.0	15.0		mg/kg	03.15.19 18.26	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<15.0	15.0		mg/kg	03.15.19 18.26	U	1
Total TPH	PHC635	<15.0	15.0		mg/kg	03.15.19 18.26	U	1
Surrogate		Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1-Chlorooctane		111-85-3	90	%	70-135	03.15.19 18.26		

90

%

70-135

03.15.19 18.26

84-15-1

o-Terphenyl

.





Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Sample Id: SP-5 Lab Sample Id: 617507-005		Matrix: Date Collecte	Soil d: 03.06.19 12.12	Date Rece	eived:03.13.19 12.45	1
Analytical Method: BTEX by El	PA 8021B			1	od: SW5030B	
Tech: SCM				% Moistu	re:	
Analyst: SCM		Date Prep:	03.19.19 13.00	Basis:	Wet Weight	
Seq Number: 3082733						
Parameter	Cas Number	Result 5	81.	Units Analys	is Date Flag	Dil

Parameter	Cas Number	r Kesult	RL		Units	Analysis Date	Flag	Dil
Benzene	71-43-2	< 0.00201	0.00201		mg/kg	03.19.19 22.10	U	1
Toluene	108-88-3	< 0.00201	0.00201		mg/kg	03.19.19 22.10	U	1
Ethylbenzene	100-41-4	< 0.00201	0.00201		mg/kg	03.19.19 22.10	U	1
m,p-Xylenes	179601-23-1	< 0.00402	0.00402		mg/kg	03.19.19 22.10	U	1
o-Xylene	95-47-6	< 0.00201	0.00201		mg/kg	03.19.19 22.10	U	1
Total Xylenes	1330-20-7	< 0.00201	0.00201		mg/kg	03.19.19 22.10	U	1
Total BTEX		< 0.00201	0.00201		mg/kg	03.19.19 22.10	U	1
			%					
Surrogate		Cas Number	Recovery	Units	Limits	Analysis Date	Flag	
4-Bromofluorobenzene		460-00-4	120	%	70-130	03.19.19 22.10		
1,4-Difluorobenzene		540-36-3	115	%	70-130	03.19.19 22.10		





Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Sample Id:	SP-6		Matrix:	Soil		Date Received:03.	13.19 12.4	5
Lab Sample 1	Id: 617507-006		Date Collec	cted: 03.06.19 12.14				
Analytical M	lethod: Chloride by EPA	A 300				Prep Method: E30	0P	
Tech:	CHE					% Moisture:		
Analyst:	CHE		Date Prep:	03.14.19 12.00		Basis: We	t Weight	
Seq Number:	3082186							
Parameter		Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride		16887-00-6	106	4.96	mg/kg	03.14.19 17.05		1

Analytical Method: TPH By SW80	15 Mod				F	Prep Method: TX	(1005P	
Tech: ARM					9	6 Moisture:		
Analyst: ARM		Date Pre	p: 03.15.	19 10.00	E	Basis: We	et Weight	
Seq Number: 3082335								
Parameter	Cas Number	Result	RL		Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<15.0	15.0		mg/kg	03.15.19 18.46	U	1
Diesel Range Organics (DRO)	C10C28DRO	<15.0	15.0		mg/kg	03.15.19 18.46	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<15.0	15.0		mg/kg	03.15.19 18.46	U	1
Total TPH	PHC635	<15.0	15.0		mg/kg	03.15.19 18.46	U	1
Surrogate		Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1-Chlorooctane		111-85-3	90	%	70-135	03.15.19 18.46		
o-Terphenyl		84-15-1	88	%	70-135	03.15.19 18.46		





Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Sample Id: SP-6 Lab Sample Id: 617507-006		Matrix: Date Collecte	Soil ed: 03.06.19 12.14	Date Rece	ived:03.13.19 12.45	
Analytical Method: BTEX by EPA	8021B			1	od: SW5030B	
Tech: SCM Analyst: SCM		Date Prep:	03.19.19 13.00	% Moistur Basis:	e: Wet Weight	
Seq Number: 3082733	Cas Number	Result 5		Units Analysi	is Date Flag	Dil

Parameter	Cas Number	Result	RL		Units	Analysis Date	Flag	Dil
Benzene	71-43-2	< 0.00199	0.00199		mg/kg	03.19.19 22.29	U	1
Toluene	108-88-3	< 0.00199	0.00199		mg/kg	03.19.19 22.29	U	1
Ethylbenzene	100-41-4	< 0.00199	0.00199		mg/kg	03.19.19 22.29	U	1
m,p-Xylenes	179601-23-1	< 0.00398	0.00398		mg/kg	03.19.19 22.29	U	1
o-Xylene	95-47-6	< 0.00199	0.00199		mg/kg	03.19.19 22.29	U	1
Total Xylenes	1330-20-7	< 0.00199	0.00199		mg/kg	03.19.19 22.29	U	1
Total BTEX		< 0.00199	0.00199		mg/kg	03.19.19 22.29	U	1
Surrogate		Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1,4-Difluorobenzene		540-36-3	115	%	70-130	03.19.19 22.29		
4-Bromofluorobenzene		460-00-4	119	%	70-130	03.19.19 22.29		





Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Sample Id:	SP-7		Matrix:	Soil]	Date Received:03.	13.19 12.4	5
Lab Sample I	d: 617507-007		Date Collec	cted: 03.06.19 12.17				
Analytical M	ethod: Chloride by EPA	. 300]	Prep Method: E30)0P	
Tech:	CHE					% Moisture:		
Analyst:	CHE		Date Prep:	03.14.19 12.00	j	Basis: We	t Weight	
Seq Number:	3082186							
Parameter		Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride		16887-00-6	156	5.00	mg/kg	03.14.19 17.15		1

Analytical Method: TPH By SW801	5 Mod				F	rep Method: TX	1005P	
Tech: ARM					9	6 Moisture:		
Analyst: ARM		Date Prep	p: 03.15.	19 10.00	E	Basis: We	et Weight	
Seq Number: 3082335								
Parameter	Cas Number	Result	RL		Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<15.0	15.0		mg/kg	03.15.19 19.05	U	1
Diesel Range Organics (DRO)	C10C28DRO	<15.0	15.0		mg/kg	03.15.19 19.05	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<15.0	15.0		mg/kg	03.15.19 19.05	U	1
Total TPH	PHC635	<15.0	15.0		mg/kg	03.15.19 19.05	U	1
Surrogate		Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1-Chlorooctane		111-85-3	90	%	70-135	03.15.19 19.05		
o-Terphenyl		84-15-1	88	%	70-135	03.15.19 19.05		





Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Sample Id: SP-7 Lab Sample Id: 617507-007		Matrix: Date Collecte	Soil d: 03.06.19 12.17	Date Rece	ived:03.13.19 12.45	
Analytical Method: BTEX by EPA	8021B			1	od: SW5030B	
Tech: SCM			00 10 10 10 00	% Moistur		
Analyst: SCM Seq Number: 3082733		Date Prep:	03.19.19 13.00	Basis:	Wet Weight	
Parameter	Cas Number	Result 5	ат.	Units Analysi	is Date Flag	Dil

Parameter	Cas Number	esuit Result	RL		Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00199	0.00199		mg/kg	03.19.19 22.48	U	1
Toluene	108-88-3	< 0.00199	0.00199		mg/kg	03.19.19 22.48	U	1
Ethylbenzene	100-41-4	< 0.00199	0.00199		mg/kg	03.19.19 22.48	U	1
m,p-Xylenes	179601-23-1	< 0.00398	0.00398		mg/kg	03.19.19 22.48	U	1
o-Xylene	95-47-6	< 0.00199	0.00199		mg/kg	03.19.19 22.48	U	1
Total Xylenes	1330-20-7	< 0.00199	0.00199		mg/kg	03.19.19 22.48	U	1
Total BTEX		< 0.00199	0.00199		mg/kg	03.19.19 22.48	U	1
			%					
Surrogate		Cas Number	Recovery	Units	Limits	Analysis Date	Flag	
4-Bromofluorobenzene		460-00-4	125	%	70-130	03.19.19 22.48		
1,4-Difluorobenzene		540-36-3	114	%	70-130	03.19.19 22.48		





Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Sample Id: SP-8		Matrix:	Soil]	Date Received:03.1	13.19 12.45	5
Lab Sample Id: 617507-008		Date Collec	eted: 03.06.19 12.19				
Analytical Method: Chloride by EPA	300]	Prep Method: E30	OP	
Tech: CHE					% Moisture:		
Analyst: CHE		Date Prep:	03.14.19 12.30]	Basis: Wet	t Weight	
Seq Number: 3082248							
Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	10.4	5.01	mg/kg	03.15.19 08.55		1

Analytical Method: TPH By SW801	5 Mod				P	rep Method: TX	1005P	
Tech: ARM					9	6 Moisture:		
Analyst: ARM		Date Pre	p: 03.15.	19 10.00	E	Basis: We	t Weight	
Seq Number: 3082335								
Parameter	Cas Number	Result	RL		Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<15.0	15.0		mg/kg	03.15.19 19.25	U	1
Diesel Range Organics (DRO)	C10C28DRO	<15.0	15.0		mg/kg	03.15.19 19.25	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<15.0	15.0		mg/kg	03.15.19 19.25	U	1
Total TPH	PHC635	<15.0	15.0		mg/kg	03.15.19 19.25	U	1
Surrogate		Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1-Chlorooctane		111-85-3	106	%	70-135	03.15.19 19.25		
o-Terphenyl		84-15-1	103	%	70-135	03.15.19 19.25		





Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Sample Id: Lab Sample I	Sample Id:SP-8Lab Sample Id:617507-008			Soil ed: 03.06.19 12.19	Date Received:03.13.19 12.45				
Analytical M	ethod: BTEX by EPA 80)21B			Prep Metl	nod: SW5030B			
Tech:	SCM				% Moistu	re:			
Analyst:	SCM		Date Prep:	03.19.19 13.00	Basis:	Wet Weight			
Seq Number:	3082733								
Parameter		Cas Number	Result 5	21.	Linits Analys	sis Date Flag	Dil		

Parameter	Cas Number	Result	RL		Units	Analysis Date	Flag	Dil
Benzene	71-43-2	< 0.00202	0.00202		mg/kg	03.19.19 23.07	U	1
Toluene	108-88-3	< 0.00202	0.00202		mg/kg	03.19.19 23.07	U	1
Ethylbenzene	100-41-4	< 0.00202	0.00202		mg/kg	03.19.19 23.07	U	1
m,p-Xylenes	179601-23-1	< 0.00403	0.00403		mg/kg	03.19.19 23.07	U	1
o-Xylene	95-47-6	< 0.00202	0.00202		mg/kg	03.19.19 23.07	U	1
Total Xylenes	1330-20-7	< 0.00202	0.00202		mg/kg	03.19.19 23.07	U	1
Total BTEX		< 0.00202	0.00202		mg/kg	03.19.19 23.07	U	1
Surrogate		Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
4-Bromofluorobenzene		460-00-4	121	%	70-130	03.19.19 23.07		
1,4-Difluorobenzene		540-36-3	115	%	70-130	03.19.19 23.07		





Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Mesa Verde BS Unit #8

Sample Id: SP-9		Matrix:	Soil		Date Received:03.	13.19 12.4	5
Lab Sample Id: 617507-009 Analytical Method: Chloride by E	PA 300	Date Collec	eted: 03.06.19 12.21		Prep Method: E30)0P	
Tech: CHE Analyst: CHE		Date Prep:	03.14.19 12.30		% Moisture:	t Weight	
Seq Number: 3082248		Date Hep.	00.11.17 12.00		2 40101	e i eight	
Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	83.2	5.01	mg/kg	03.15.19 09.14		1

Analytical Method: TPH By SW80	15 Mod				P	rep Method: TX	1005P	
Tech: ARM					9	6 Moisture:		
Analyst: ARM		Date Pre	p: 03.15.	19 10.00	E	Basis: We	t Weight	
Seq Number: 3082335								
Parameter	Cas Number	Result	RL		Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<15.0	15.0		mg/kg	03.15.19 19.44	U	1
Diesel Range Organics (DRO)	C10C28DRO	<15.0	15.0		mg/kg	03.15.19 19.44	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<15.0	15.0		mg/kg	03.15.19 19.44	U	1
Total TPH	PHC635	<15.0	15.0		mg/kg	03.15.19 19.44	U	1
Surrogate		Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1-Chlorooctane		111-85-3	89	%	70-135	03.15.19 19.44		

87

%

70-135

03.15.19 19.44

84-15-1

o-Terphenyl





Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Sample Id: Lab Sample Id	SP-9 : 617507-009		Matrix: Soil Date Collected: 03.06.19 12.21			Date Received:03.13.19 12.45				
•	thod: BTEX by EPA 802 SCM	21B				Prep Method:	SW5030B			
Tech: Analyst:	SCM		Date Prep:	03.19.19 13.00		% Moisture: Basis:	Wet Weight			
Seq Number: Parameter	3082733	Cas Number	Result 5	PT.	Units	Analysis Da	ate Flag	Бі		

Cas Number	Result	RL		Units	Analysis Date	Flag	Dil
71-43-2	< 0.00198	0.00198		mg/kg	03.19.19 23.26	U	1
108-88-3	< 0.00198	0.00198		mg/kg	03.19.19 23.26	U	1
100-41-4	< 0.00198	0.00198		mg/kg	03.19.19 23.26	U	1
179601-23-1	< 0.00397	0.00397		mg/kg	03.19.19 23.26	U	1
95-47-6	< 0.00198	0.00198		mg/kg	03.19.19 23.26	U	1
1330-20-7	< 0.00198	0.00198		mg/kg	03.19.19 23.26	U	1
	< 0.00198	0.00198		mg/kg	03.19.19 23.26	U	1
	Cas Number	% Recoverv	Units	Limits	Analysis Date	Flag	
	460-00-4	158	%	70-130	03.19.19 23.26	**	
	540-36-3	106	%	70-130	03.19.19 23.26		
	71-43-2 108-88-3 100-41-4 179601-23-1 95-47-6	71-43-2 <0.00198	71-43-2 <0.00198	71-43-2 <0.00198	71-43-2 <0.00198	71-43-2 <0.00198	71-43-2 <0.00198 0.00198 mg/kg 03.19.19 23.26 U 108-88-3 <0.00198





Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Sample Id:	SP-10		Matrix:	Soil		Date Received:03.	13.19 12.4	5
Lab Sample I	d: 617507-010		Date Collec	cted: 03.06.19 13.29				
Analytical M	ethod: Chloride by EPA	. 300				Prep Method: E3	00P	
Tech:	CHE					% Moisture:		
Analyst:	CHE		Date Prep:	03.14.19 12.30		Basis: We	et Weight	
Seq Number:	3082248							
Parameter		Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride		16887-00-6	44.5	5.00	mg/kg	03.15.19 09.20		1

Analytical Method: TPH By SW801	5 Mod				P	Prep Method: TX	1005P	
Tech: ARM					9	6 Moisture:		
Analyst: ARM		Date Pre	p: 03.15.	19 10.00	E	Basis: We	et Weight	
Seq Number: 3082335								
Parameter	Cas Number	Result	RL		Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<15.0	15.0		mg/kg	03.15.19 20.04	U	1
Diesel Range Organics (DRO)	C10C28DRO	<15.0	15.0		mg/kg	03.15.19 20.04	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<15.0	15.0		mg/kg	03.15.19 20.04	U	1
Total TPH	PHC635	<15.0	15.0		mg/kg	03.15.19 20.04	U	1
Surrogate		Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1-Chlorooctane		111-85-3	93	%	70-135	03.15.19 20.04		
o-Terphenyl		84-15-1	90	%	70-135	03.15.19 20.04		





Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

···· 1	SP-10 (d: 617507-010		Matrix: Date Collecte	Soil d: 03.06.19 13.29	Date Received:03.1 0 13.29			
Analytical M	ethod: BTEX by EPA 80	21B			Prep	Method: SW503	0B	
Tech:	SCM				% N	loisture:		
Analyst:	SCM		Date Prep:	03.19.19 13.00	Basi	s: Wet We	eight	
Seq Number:	3082733		-					
Parameter		Cas Number	Result 5	21.	Units	Analysis Date F	lag Di	

Parameter	Cas Number	Result	RL		Units	Analysis Date	Flag	Dil
Benzene	71-43-2	< 0.00200	0.00200		mg/kg	03.19.19 23.45	U	1
Toluene	108-88-3	< 0.00200	0.00200		mg/kg	03.19.19 23.45	U	1
Ethylbenzene	100-41-4	< 0.00200	0.00200		mg/kg	03.19.19 23.45	U	1
m,p-Xylenes	179601-23-1	< 0.00400	0.00400		mg/kg	03.19.19 23.45	U	1
o-Xylene	95-47-6	< 0.00200	0.00200		mg/kg	03.19.19 23.45	U	1
Total Xylenes	1330-20-7	< 0.00200	0.00200		mg/kg	03.19.19 23.45	U	1
Total BTEX		< 0.00200	0.00200		mg/kg	03.19.19 23.45	U	1
Surrogate		Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
4-Bromofluorobenzene		460-00-4	166	%	70-130	03.19.19 23.45	**	
1,4-Difluorobenzene		540-36-3	113	%	70-130	03.19.19 23.45		





Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Sample Id:	SP-11		Matrix:	Soil		Date Received:0	3.13.19 12.4	5
Lab Sample I	d: 617507-011		Date Colle	cted: 03.06.19 13.32				
Analytical M	ethod: Chloride by EPA	300				Prep Method: E	E300P	
Tech:	CHE					% Moisture:		
Analyst:	CHE		Date Prep:	03.14.19 12.30		Basis: V	Wet Weight	
Seq Number:	3082248							
Parameter		Cas Number	Result	RL	Units	Analysis Date	e Flag	Dil
Chloride		16887-00-6	68.0	4.97	mg/kg	03.15.19 09.26	5	1

Analytical Method: TPH By SW801	5 Mod				Р	rep Method: TX	1005P	
Tech: ARM					%	6 Moisture:		
Analyst: ARM		Date Pre	p: 03.15.	19 10.00	В	Basis: We	t Weight	
Seq Number: 3082335								
Parameter	Cas Number	Result	RL		Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<15.0	15.0		mg/kg	03.15.19 21.02	U	1
Diesel Range Organics (DRO)	C10C28DRO	<15.0	15.0		mg/kg	03.15.19 21.02	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<15.0	15.0		mg/kg	03.15.19 21.02	U	1
Total TPH	PHC635	<15.0	15.0		mg/kg	03.15.19 21.02	U	1
Surrogate		Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1-Chlorooctane		111-85-3	94	%	70-135	03.15.19 21.02		
o-Terphenyl		84-15-1	92	%	70-135	03.15.19 21.02		





Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Sample Id: SP-11 Lab Sample Id: 617507-011		Matrix: Date Collecte	Soil d: 03.06.19 13.32	Date Rece	eived:03.13.19 12.4	5
Analytical Method: BTEX by EPA Tech: SCM	8021B			Prep Metl % Moistu	nod: SW5030B	
Analyst: SCM Seq Number: 3082733		Date Prep:	03.19.19 13.00	Basis:	Wet Weight	
Parameter	Cas Number	Result I	νī	Units Analys	vis Data - Flag	Dil

Parameter	Cas Number	Result	RL		Units	Analysis Date	Flag	Dil
Benzene	71-43-2	< 0.00200	0.00200		mg/kg	03.20.19 00.59	U	1
Toluene	108-88-3	< 0.00200	0.00200		mg/kg	03.20.19 00.59	U	1
Ethylbenzene	100-41-4	0.00275	0.00200		mg/kg	03.20.19 00.59		1
m,p-Xylenes	179601-23-1	< 0.00401	0.00401		mg/kg	03.20.19 00.59	U	1
o-Xylene	95-47-6	< 0.00200	0.00200		mg/kg	03.20.19 00.59	U	1
Total Xylenes	1330-20-7	< 0.00200	0.00200		mg/kg	03.20.19 00.59	U	1
Total BTEX		0.00275	0.00200		mg/kg	03.20.19 00.59		1
Surrogate		Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1,4-Difluorobenzene		540-36-3	105	%	70-130	03.20.19 00.59		
4-Bromofluorobenzene		460-00-4	160	%	70-130	03.20.19 00.59	**	





Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Mesa Verde BS Unit #8

Sample Id: SP-12		Matrix:	Soil]	Date Received:03.1	3.19 12.45	5
Lab Sample Id: 617507-012		Date Collect	ted: 03.06.19 13.34				
Analytical Method: Chloride by EPA	A 300]	Prep Method: E30	OP	
Tech: CHE					% Moisture:		
Analyst: CHE		Date Prep:	03.14.19 12.30]	Basis: Wet	Weight	
Seq Number: 3082248							
Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	45.8	4.98	mg/kg	03.15.19 09.32		1

Analytical Method: TPH By SW80	15 Mod				P	Prep Method: TX	(1005P	
Tech: ARM					9	6 Moisture:		
Analyst: ARM		Date Pre	p: 03.15.	19 10.00	E	Basis: We	et Weight	
Seq Number: 3082335								
Parameter	Cas Number	Result	RL		Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<15.0	15.0		mg/kg	03.15.19 21.22	U	1
Diesel Range Organics (DRO)	C10C28DRO	<15.0	15.0		mg/kg	03.15.19 21.22	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<15.0	15.0		mg/kg	03.15.19 21.22	U	1
Total TPH	PHC635	<15.0	15.0		mg/kg	03.15.19 21.22	U	1
Surrogate		Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1-Chlorooctane		111-85-3	93	%	70-135	03.15.19 21.22		

88

%

70-135

03.15.19 21.22

84-15-1

o-Terphenyl





Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Sample Id: SP-12 Lab Sample Id: 617507-012		Matrix: Date Collecte	Soil d: 03.06.19 13.34	Date Rece	ived:03.13.19 12.45	
Analytical Method: BTEX by EPA Tech: SCM	8021B			Prep Meth % Moistur	od: SW5030B re:	
Analyst: SCM Seq Number: 3082733		Date Prep:	03.19.19 13.00	Basis:	Wet Weight	
Parameter	Cas Number	Result 5	ч т .	Units Analys	is Date Flag	Dil

Parameter	Cas Number	r Kesult	RL		Units	Analysis Date	Flag	Dil
Benzene	71-43-2	< 0.00199	0.00199		mg/kg	03.20.19 01.18	U	1
Toluene	108-88-3	< 0.00199	0.00199		mg/kg	03.20.19 01.18	U	1
Ethylbenzene	100-41-4	< 0.00199	0.00199		mg/kg	03.20.19 01.18	U	1
m,p-Xylenes	179601-23-1	< 0.00398	0.00398		mg/kg	03.20.19 01.18	U	1
o-Xylene	95-47-6	< 0.00199	0.00199		mg/kg	03.20.19 01.18	U	1
Total Xylenes	1330-20-7	< 0.00199	0.00199		mg/kg	03.20.19 01.18	U	1
Total BTEX		< 0.00199	0.00199		mg/kg	03.20.19 01.18	U	1
Surrogate		Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1,4-Difluorobenzene		540-36-3	111	%	70-130	03.20.19 01.18		
4-Bromofluorobenzene		460-00-4	150	%	70-130	03.20.19 01.18	**	





Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Chloride	16887-00-6	56.4	4.96	mg/kg	03.15.19 09.50		1
Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Seq Number: 3082248							
Analyst: CHE		Date Prep:	03.14.19 12.30		Basis: We	t Weight	
Tech: CHE					% Moisture:		
Analytical Method: Chloride by EPA	300				Prep Method: E30	00P	
Lab Sample Id: 617507-013		Date Collec	eted: 03.06.19 13.40				
Sample Id: SP-13		Matrix:	Soil		Date Received:03.	13.19 12.45	5

Analytical Method: TPH By SW801	5 Mod				P	rep Method: TX	1005P	
Tech: ARM					9	6 Moisture:		
Analyst: ARM		Date Pre	p: 03.15.	19 10.00	E	Basis: We	t Weight	
Seq Number: 3082335								
Parameter	Cas Number	Result	RL		Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<15.0	15.0		mg/kg	03.15.19 21.42	U	1
Diesel Range Organics (DRO)	C10C28DRO	<15.0	15.0		mg/kg	03.15.19 21.42	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<15.0	15.0		mg/kg	03.15.19 21.42	U	1
Total TPH	PHC635	<15.0	15.0		mg/kg	03.15.19 21.42	U	1
Surrogate		Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1-Chlorooctane		111-85-3	92	%	70-135	03.15.19 21.42		
o-Terphenyl		84-15-1	88	%	70-135	03.15.19 21.42		





Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Sample Id: Sample Id: 6	SP-13		Matrix:	Soil 1: 03.06.19 13.40	Date Receive	d:03.13.19 12.45	
I I			Date Collecter	1. 03.00.19 13.40			
Analytical Metho	od: BTEX by EPA 8021	В			Prep Method:	SW5030B	
Tech: S	CM				% Moisture:		
Analyst: S	СМ		Date Prep:	03.19.19 13.00	Basis:	Wet Weight	
Seq Number: 3	082733						
Parameter		Cas Number	Result R	T The	nite Analysis F	late Flag	Dil

Parameter	Cas Number	Result	RL		Units	Analysis Date	Flag	Dil
Benzene	71-43-2	< 0.00200	0.00200		mg/kg	03.20.19 01.37	U	1
Toluene	108-88-3	< 0.00200	0.00200		mg/kg	03.20.19 01.37	U	1
Ethylbenzene	100-41-4	< 0.00200	0.00200		mg/kg	03.20.19 01.37	U	1
m,p-Xylenes	179601-23-1	< 0.00399	0.00399		mg/kg	03.20.19 01.37	U	1
o-Xylene	95-47-6	< 0.00200	0.00200		mg/kg	03.20.19 01.37	U	1
Total Xylenes	1330-20-7	< 0.00200	0.00200		mg/kg	03.20.19 01.37	U	1
Total BTEX		< 0.00200	0.00200		mg/kg	03.20.19 01.37	U	1
Surrogate		Cas Number	% D	Units	Limits	Analysis Date	Flag	
4-Bromofluorobenzene		460-00-4	Recovery 124	%	70-130	03.20.19 01.37	8	
1,4-Difluorobenzene		540-36-3	116	%	70-130	03.20.19 01.37		





Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Mesa Verde BS Unit #8

Sample Id:	SP-14		Matrix:	Soil		Date Received:03	.13.19 12.4	5
Lab Sample I	d: 617507-014		Date Collec	cted: 03.06.19 13.43				
Analytical Me	ethod: Chloride by EPA	300				Prep Method: E3	00P	
Tech:	CHE					% Moisture:		
Analyst:	CHE		Date Prep:	03.14.19 12.30		Basis: We	et Weight	
Seq Number:	3082248							
Parameter		Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride		16887-00-6	8.74	5.01	mg/kg	03.15.19 09.56		1

Analytical Method: TPH By SW80	15 Mod				F	Prep Method: TX	1005P	
Tech: ARM					9	6 Moisture:		
Analyst: ARM		Date Pre	p: 03.15	.19 10.00	E	Basis: We	et Weight	
Seq Number: 3082335								
Parameter	Cas Number	Result	RL		Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<14.9	14.9		mg/kg	03.15.19 22.01	U	1
Diesel Range Organics (DRO)	C10C28DRO	<14.9	14.9		mg/kg	03.15.19 22.01	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<14.9	14.9		mg/kg	03.15.19 22.01	U	1
Total TPH	PHC635	<14.9	14.9		mg/kg	03.15.19 22.01	U	1
Surrogate		Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1-Chlorooctane	1	111-85-3	102	%	70-135	03.15.19 22.01		

101

%

70-135

03.15.19 22.01

84-15-1

o-Terphenyl





Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Sample Id: SP-14 Lab Sample Id: 617507-014		Matrix: Date Collecte	Soil d: 03.06.19 13.43	Date Received:03.13.19 12.45			
Analytical Method: BTEX by EPA Tech: SCM	8021B			Prep Meth % Moistur	od: SW5030B		
Analyst: SCM Seq Number: 3082733		Date Prep:	03.19.19 13.00	Basis:	Wet Weight		
Parameter	Cas Number	Result 5	PT.	Units Analysi	s Date Flag	Dil	

Farameter	Cas Nulliber	Kesun	KL		Units	Analysis Date	Flag	Dil
Benzene	71-43-2	< 0.00201	0.00201		mg/kg	03.20.19 01.56	U	1
Toluene	108-88-3	< 0.00201	0.00201		mg/kg	03.20.19 01.56	U	1
Ethylbenzene	100-41-4	< 0.00201	0.00201		mg/kg	03.20.19 01.56	U	1
m,p-Xylenes	179601-23-1	< 0.00402	0.00402		mg/kg	03.20.19 01.56	U	1
o-Xylene	95-47-6	< 0.00201	0.00201		mg/kg	03.20.19 01.56	U	1
Total Xylenes	1330-20-7	< 0.00201	0.00201		mg/kg	03.20.19 01.56	U	1
Total BTEX		< 0.00201	0.00201		mg/kg	03.20.19 01.56	U	1
Surrogate		Cas Number	%	Units	Limits	Analysis Date	Flag	
0			Recovery			·	1	
1,4-Difluorobenzene		540-36-3	113	%	70-130	03.20.19 01.56		
4-Bromofluorobenzene		460-00-4	119	%	70-130	03.20.19 01.56		





Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Sample Id: SP-15		Matrix:	Soil		Date Received:03.	13.19 12.45	5
Lab Sample Id: 617507-015		Date Colle	cted: 03.06.19 13.45				
Analytical Method: Chloride by EPA	300				Prep Method: E30)0P	
Tech: CHE					% Moisture:		
Analyst: CHE		Date Prep:	03.14.19 12.30		Basis: We	t Weight	
Seq Number: 3082248							
Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	16.4	4.97	mg/kg	03.15.19 10.02		1

Analytical Method: TPH By SW801	5 Mod				P	Prep Method: TX	1005P	
Tech: ARM					9	6 Moisture:		
Analyst: ARM		Date Pre	p: 03.15	.19 10.00	E	Basis: We	t Weight	
Seq Number: 3082335								
Parameter	Cas Number	Result	RL		Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<15.0	15.0		mg/kg	03.15.19 22.21	U	1
Diesel Range Organics (DRO)	C10C28DRO	<15.0	15.0		mg/kg	03.15.19 22.21	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<15.0	15.0		mg/kg	03.15.19 22.21	U	1
Total TPH	PHC635	<15.0	15.0		mg/kg	03.15.19 22.21	U	1
Surrogate		Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1-Chlorooctane		111-85-3	91	%	70-135	03.15.19 22.21		
o-Terphenyl		84-15-1	88	%	70-135	03.15.19 22.21		





Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Sample Id: SP-15 Lab Sample Id: 617507-015		Matrix: Date Collecte	Soil d: 03.06.19 13.45	Date Rece	ived:03.13.19 12.45	
Analytical Method: BTEX by EPA Tech: SCM	8021B			Prep Meth % Moistur	nod: SW5030B	
Analyst: SCM Seq Number: 3082733		Date Prep:	03.19.19 13.00	Basis:	Wet Weight	
Parameter	Cas Number	Result 5	91.	Units Analys	is Date Flag	Dil

Parameter	Cas Number	r Kesult	RL		Units	Analysis Date	Flag	Dil
Benzene	71-43-2	< 0.00199	0.00199		mg/kg	03.20.19 02.15	U	1
Toluene	108-88-3	< 0.00199	0.00199		mg/kg	03.20.19 02.15	U	1
Ethylbenzene	100-41-4	< 0.00199	0.00199		mg/kg	03.20.19 02.15	U	1
m,p-Xylenes	179601-23-1	< 0.00398	0.00398		mg/kg	03.20.19 02.15	U	1
o-Xylene	95-47-6	< 0.00199	0.00199		mg/kg	03.20.19 02.15	U	1
Total Xylenes	1330-20-7	< 0.00199	0.00199		mg/kg	03.20.19 02.15	U	1
Total BTEX		< 0.00199	0.00199		mg/kg	03.20.19 02.15	U	1
Surrogate		Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
4-Bromofluorobenzene		460-00-4	165	%	70-130	03.20.19 02.15	**	
1,4-Difluorobenzene		540-36-3	108	%	70-130	03.20.19 02.15		





Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Sample Id: SP-16 Lab Sample Id: 617507-016		Matrix: Date Collec	Soil cted: 03.07.19 10.54		Date Received:03.	13.19 12.4	5
Analytical Method: Chloride by EF	PA 300				Prep Method: E30)0P	
Tech: CHE					% Moisture:		
Analyst: CHE		Date Prep:	03.14.19 12.30		Basis: We	t Weight	
Seq Number: 3082248							
Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	280	4.97	mg/kg	03.15.19 10.08		1
Analytical Method: TPH By SW80	15 Mod				Prep Method: TX	1005P	
Tech: ARM			02 15 10 10 00		% Moisture:		
Analyst: ARM		Date Prep:	03.15.19 10.00		Basis: We	t Weight	
Seq Number: 3082335							
Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<15.0	15.0	mg/kg	03.15.19 22.40	U	1
	GIAGAODDO		1.5.0				

Gasonne Range Hydroearbons (GRO)	THEORO	<15.0	15.0		1116/116	05.15.17 22.40	U	-	
Diesel Range Organics (DRO)	C10C28DRO	307	15.0		mg/kg	03.15.19 22.40		1	
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	309	15.0		mg/kg	03.15.19 22.40		1	
Total TPH	PHC635	616	15.0		mg/kg	03.15.19 22.40		1	
G			%	T T •/	.				
Surrogate		Cas Number	% Recovery	Units	Limits	Analysis Date	Flag		
Surrogate 1-Chlorooctane		Cas Number 111-85-3		Units %	Limits 70-135	Analysis Date 03.15.19 22.40	Flag		
5			Recovery				Flag		





Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Sample Id: Lab Sample Id:	SP-16 : 617507-016		Matrix: Date Collecte	Soil d: 03.07.19 10.54	Γ	Date Received:()3.13.19 12.4	5
Analytical Met	hod: BTEX by EPA 802	1B			Р	rep Method: S	SW5030B	
Tech:	SCM				%	6 Moisture:		
Analyst:	SCM		Date Prep:	03.20.19 13.30	В	asis:	Wet Weight	
Seq Number:	3082772							
Parameter		Cas Number	Result D	т	Unite	Analysis Dat	o Flog	ы

Parameter	Cas Number	Result	RL		Units	Analysis Date	Flag	Dil
Benzene	71-43-2	< 0.00200	0.00200		mg/kg	03.20.19 22.45	U	1
Toluene	108-88-3	< 0.00200	0.00200		mg/kg	03.20.19 22.45	U	1
Ethylbenzene	100-41-4	< 0.00200	0.00200		mg/kg	03.20.19 22.45	U	1
m,p-Xylenes	179601-23-1	< 0.00400	0.00400		mg/kg	03.20.19 22.45	U	1
o-Xylene	95-47-6	< 0.00200	0.00200		mg/kg	03.20.19 22.45	U	1
Total Xylenes	1330-20-7	< 0.00200	0.00200		mg/kg	03.20.19 22.45	U	1
Total BTEX		< 0.00200	0.00200		mg/kg	03.20.19 22.45	U	1
			%					
Surrogate		Cas Number	Recovery	Units	Limits	Analysis Date	Flag	
4-Bromofluorobenzene		460-00-4	125	%	70-130	03.20.19 22.45		
1,4-Difluorobenzene		540-36-3	110	%	70-130	03.20.19 22.45		





Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Sample Id: SP-17 Lab Sample Id: 617507-017			Matrix: Date Collec	Soil cted: 03.07.19 10.57	Date Received:03.13.19 12.45			
Analytical Me Tech: Analyst: Seq Number:	thod: Chloride by EPA CHE CHE 3082188	. 300	Date Prep:	03.14.19 15.00		Prep Method: E30 % Moisture: Basis: Wet	0P : Weight	
Parameter		Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride		16887-00-6	113	4.97	mg/kg	03.14.19 17.48		1

Tech:ARMAnalyst:ARMSeq Number:3082335		Date Pre	p: 03.15	.19 10.00		6 Moisture: Basis: We	t Weight	
Parameter	Cas Number	Result	RL		Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<15.0	15.0		mg/kg	03.15.19 23.00	U	1
Diesel Range Organics (DRO)	C10C28DRO	66.0	15.0		mg/kg	03.15.19 23.00		1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	498	15.0		mg/kg	03.15.19 23.00		1
Total TPH	PHC635	564	15.0		mg/kg	03.15.19 23.00		1
Surrogate		Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1-Chlorooctane		111-85-3	93	%	70-135	03.15.19 23.00		
o-Terphenyl		84-15-1	92	%	70-135	03.15.19 23.00		





Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Sample Id: SP-17 Lab Sample Id: 617507-017		Matrix: Date Collecte	Soil d: 03.07.19 10.57	Date Rece	eived:03.13.19 12.4	5
Analytical Method: BTEX by EP. Tech: SCM	A 8021B			Prep Meth % Moistu	nod: SW5030B	
Analyst: SCM Seq Number: 3082772		Date Prep:	03.20.19 13.30	Basis:	Wet Weight	
Parameter	Cas Number	Result I	νī	Unite Analys	sis Doto Flog	Dil

Parameter	Cas Number	Result	RL		Units	Analysis Date	Flag	Dil
Benzene	71-43-2	< 0.00200	0.00200		mg/kg	03.20.19 23.04	U	1
Toluene	108-88-3	< 0.00200	0.00200		mg/kg	03.20.19 23.04	U	1
Ethylbenzene	100-41-4	< 0.00200	0.00200		mg/kg	03.20.19 23.04	U	1
m,p-Xylenes	179601-23-1	< 0.00401	0.00401		mg/kg	03.20.19 23.04	U	1
o-Xylene	95-47-6	< 0.00200	0.00200		mg/kg	03.20.19 23.04	U	1
Total Xylenes	1330-20-7	< 0.00200	0.00200		mg/kg	03.20.19 23.04	U	1
Total BTEX		< 0.00200	0.00200		mg/kg	03.20.19 23.04	U	1
Surrogate		Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
4-Bromofluorobenzene		460-00-4	141	%	70-130	03.20.19 23.04	**	
1,4-Difluorobenzene		540-36-3	110	%	70-130	03.20.19 23.04		





Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Sample Id: SP-18		Matrix:	Soil		Date Received:03.1	13.19 12.45	5
Lab Sample Id: 617507-018		Date Collec	cted: 03.07.19 11.01				
Analytical Method: Chloride by EF	PA 300				Prep Method: E30	00P	
Tech: CHE					% Moisture:		
Analyst: CHE		Date Prep:	03.14.19 15.00		Basis: Wet	t Weight	
Seq Number: 3082188							
Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	101	5.00	mg/kg	03.14.19 18.06		1

Analytical Method: TPH By SW801	5 Mod	Prep Method: TX100						
Tech: ARM					9	6 Moisture:		
Analyst: ARM		Date Pre	p: 03.15	19 10.00	E	Basis: We	t Weight	
Seq Number: 3082335								
Parameter	Cas Number	Result	RL		Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<15.0	15.0		mg/kg	03.15.19 23.20	U	1
Diesel Range Organics (DRO)	C10C28DRO	<15.0	15.0		mg/kg	03.15.19 23.20	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<15.0	15.0		mg/kg	03.15.19 23.20	U	1
Total TPH	PHC635	<15.0	15.0		mg/kg	03.15.19 23.20	U	1
Surrogate		Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1-Chlorooctane		111-85-3	91	%	70-135	03.15.19 23.20		
o-Terphenyl		84-15-1	89	%	70-135	03.15.19 23.20		





Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Sample Id: Lab Sample I	SP-18 d: 617507-018		Matrix: Date Collecte	Soil d: 03.07.19 11.01	D	ate Received	1:03.13.19 12.45	5
Analytical Me	ethod: BTEX by EPA 80	21B				rep Method:	SW5030B	
Tech:	SCM				%	Moisture:		
Analyst:	SCM		Date Prep:	03.20.19 13.30	B	asis:	Wet Weight	
Seq Number:	3082772							
Parameter		Cas Number	Result R	RL .	Units	Analysis Da	ate Flag	Dil

i arameter	Cas Muniber	Kesutt	KL		Omts	Analysis Date	Flag	Dii
Benzene	71-43-2	< 0.00199	0.00199		mg/kg	03.20.19 23.23	U	1
Toluene	108-88-3	< 0.00199	0.00199		mg/kg	03.20.19 23.23	U	1
Ethylbenzene	100-41-4	< 0.00199	0.00199		mg/kg	03.20.19 23.23	U	1
m,p-Xylenes	179601-23-1	< 0.00398	0.00398		mg/kg	03.20.19 23.23	U	1
o-Xylene	95-47-6	< 0.00199	0.00199		mg/kg	03.20.19 23.23	U	1
Total Xylenes	1330-20-7	< 0.00199	0.00199		mg/kg	03.20.19 23.23	U	1
Total BTEX		< 0.00199	0.00199		mg/kg	03.20.19 23.23	U	1
			%					
Surrogate		Cas Number	Recovery	Units	Limits	Analysis Date	Flag	
4-Bromofluorobenzene		460-00-4	113	%	70-130	03.20.19 23.23		
1,4-Difluorobenzene		540-36-3	114	%	70-130	03.20.19 23.23		





Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Sample Id: SP-19 Lab Sample Id: 617507-019		Matrix: Date Collec	Soil cted: 03.07.19 11.03	Date Received:03.13.19 12.45				
Analytical Method: Chloride by EF Tech: CHE Analyst: CHE	PA 300	Date Prep:	03.14.19 15.00		Prep Method: E30 % Moisture: Basis: We)0P t Weight		
Seq Number: 3082188 Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil	
Chloride	16887-00-6	189	4.96	mg/kg	03.14.19 18.12		1	
Analytical Method: TPH By SW80	15 Mod				Prep Method: TX	1005P		
Tech:ARMAnalyst:ARMSeq Number:3082335		Date Prep:	03.15.19 10.00		% Moisture: Basis: We	t Weight		
Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil	
Gasoline Range Hydrocarbons (GRO) Diesel Range Organics (DRO) Motor Oil Range Hydrocarbons (MRO)	PHC610 C10C28DRO PHCG2835	<15.0 116 19.5	15.0 15.0 15.0	mg/kg mg/kg mg/kg	03.15.19 23.39 03.15.19 23.39 03.15.19 23.39	U	1 1 1	
Total TPH	PHC635	136	15.0	mg/kg	03.15.19 23.39		1	

Cotal TPH	PHC635	136	15.0		mg/kg	03.15.19 23.39		1
Surrogate		Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1-Chlorooctane		111-85-3	96	%	70-135	03.15.19 23.39		
o-Terphenyl		84-15-1	96	%	70-135	03.15.19 23.39		





Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Sample Id: Lab Sample Id	SP-19 l: 617507-019		Matrix: Date Collecte	Soil d: 03.07.19 11.03	Date Received:03.13.19 12.45				
2	thod: BTEX by EPA 802	21B				Prep Method:	SW5030B		
Tech: Analyst:	SCM SCM		Data Duana	03.20.19 13.30		% Moisture: Basis:	Wet Weight		
Seq Number:			Date Prep:	05.20.17 15.50	1	Jasis.	wet weight		
Parameter		Cas Number	Result R	RL	Units	Analysis Da	ate Flag	Dil	

1 al alletel	Cas Nulliber	Kesun	KL		Units	Analysis Date	riag	DII
Benzene	71-43-2	< 0.00199	0.00199		mg/kg	03.20.19 23.42	U	1
Toluene	108-88-3	< 0.00199	0.00199		mg/kg	03.20.19 23.42	U	1
Ethylbenzene	100-41-4	< 0.00199	0.00199		mg/kg	03.20.19 23.42	U	1
m,p-Xylenes	179601-23-1	< 0.00398	0.00398		mg/kg	03.20.19 23.42	U	1
o-Xylene	95-47-6	< 0.00199	0.00199		mg/kg	03.20.19 23.42	U	1
Total Xylenes	1330-20-7	< 0.00199	0.00199		mg/kg	03.20.19 23.42	U	1
Total BTEX		< 0.00199	0.00199		mg/kg	03.20.19 23.42	U	1
Surrogate		Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1,4-Difluorobenzene		540-36-3	109	%	70-130	03.20.19 23.42		
4-Bromofluorobenzene		460-00-4	147	%	70-130	03.20.19 23.42	**	



Flagging Criteria



Page 77 of 225

- X In our quality control review of the data a QC deficiency was observed and flagged as noted. MS/MSD recoveries were found to be outside of the laboratory control limits due to possible matrix /chemical interference, or a concentration of target analyte high enough to affect the recovery of the spike concentration. This condition could also affect the relative percent difference in the MS/MSD.
- **B** A target analyte or common laboratory contaminant was identified in the method blank. Its presence indicates possible field or laboratory contamination.
- **D** The sample(s) were diluted due to targets detected over the highest point of the calibration curve, or due to matrix interference. Dilution factors are included in the final results. The result is from a diluted sample.
- **E** The data exceeds the upper calibration limit; therefore, the concentration is reported as estimated.
- **F** RPD exceeded lab control limits.
- J The target analyte was positively identified below the quantitation limit and above the detection limit.
- U Analyte was not detected.
- L The LCS data for this analytical batch was reported below the laboratory control limits for this analyte. The department supervisor and QA Director reviewed data. The samples were either reanalyzed or flagged as estimated concentrations.
- **H** The LCS data for this analytical batch was reported above the laboratory control limits. Supporting QC Data were reviewed by the Department Supervisor and QA Director. Data were determined to be valid for reporting.
- **K** Sample analyzed outside of recommended hold time.
- **JN** A combination of the "N" and the "J" qualifier. The analysis indicates that the analyte is "tentatively identified" and the associated numerical value may not be consistent with the amount actually present in the environmental sample.
- ** Surrogate recovered outside laboratory control limit.
- **BRL** Below Reporting Limit.
- RL Reporting Limit
- MDL Method Detection LimitSDLSample Detection LimitLOD Limit of Detection
- PQL Practical Quantitation Limit MQL Method Quantitation Limit LOQ Limit of Quantitation
- DL Method Detection Limit
- NC Non-Calculable

SMP Clie	ent Sample	BLK	Method Blank	
BKS/LCS	S Blank Spike/Laboratory Control Sample	BKSD/LCSD	Blank Spike Duplicate/Labo	ratory Control Sample Duplicate
MD/SD	Method Duplicate/Sample Duplicate	MS	Matrix Spike	MSD: Matrix Spike Duplicate

- + NELAC certification not offered for this compound.
- * (Next to analyte name or method description) = Outside XENCO's scope of NELAC accreditation



QC Summary 617507

Trinity Oilfield Services & Rentals, LLC

Mesa Verde BS Unit #8

Analytical Method: Seq Number: MB Sample Id:	Chloride by EPA 3 3082186 7673570-1-BLK	00		Matrix: nple Id:	Solid 7673570-	1-BKS		Prep Method: Date Prep: LCSD Sample Io	03.14	4.19	
Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD RPD Limit	Units	Analysis Date	Flag
Chloride	<0.858	250	263	105	263	105	90-110	0 20	mg/kg	03.14.19 10:15	
Analytical Method:	Chloride by EPA 3	00						Prep Method:	E300	P	
Seq Number:	3082248			Matrix:	Solid			Date Prep:	03.14	4.19	
MB Sample Id:	7673573-1-BLK		LCS Sat	nple Id:	7673573-	1-BKS		LCSD Sample Ic	l: 7673	573-1-BSD	
Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD RPD Limit	Units	Analysis Date	Flag
Chloride	< 0.858	250	243	97	244	98	90-110	0 20	mg/kg	03.15.19 08:43	
Analytical Method: Seq Number: MB Sample Id: Parameter	Chloride by EPA 3 3082188 7673579-1-BLK MB Result	00 Spike Amount		Matrix: nple Id: LCS %Rec	Solid 7673579- LCSD Result	1-BKS LCSD %Rec	Limits	Prep Method: Date Prep: LCSD Sample Ic %RPD RPD Limit	03.14 1: 7673	4.19	Flag
Chloride	<5.00	250	245	98	245	98	90-110	0 20	mg/kg	03.14.19 15:48	
Analytical Method: Seq Number: Parent Sample Id:	Chloride by EPA 3 3082186 617505-006	00		Matrix: nple Id:	Soil 617505-0	06 S		Prep Method: Date Prep: MSD Sample Io	03.14	4.19	
Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD RPD Limit	Units	Analysis Date	Flag
Chloride	155	248	415	105	415	105	90-110	0 20	mg/kg	03.14.19 12:38	
Analytical Method: Seq Number:	Chloride by EPA 3 3082186	00		Matrix:	Soil			Prep Method: Date Prep:			

Analytical Michiou.	Chioriae by El A St	JU						L I	lep metho	Ju. L50	Л	
Seq Number:	3082186			Matrix:	Soil				Date Pr	ep: 03.1	4.19	
Parent Sample Id:	617506-007		MS San	nple Id:	617506-00)7 S		MS	D Sample	e Id: 6175	506-007 SD	
Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Lim	it Units	Analysis Date	Flag
Chloride	1.48	248	276	111	276	111	90-110	0	20	mg/kg	03.14.19 15:07	Х

MS/MSD Percent Recovery Relative Percent Difference LCS/LCSD Recovery Log Difference

[D] = 100*(C-A) / BRPD = 200* | (C-E) / (C+E) |[D] = 100 * (C) / [B]Log Diff. = Log(Sample Duplicate) - Log(Original Sample) LCS = Laboratory Control Sample A = Parent Result C = MS/LCS Result E = MSD/LCSD Result

MS = Matrix Spike B = Spike Added D = MSD/LCSD % Rec

.

Page 48 of 54



QC Summary 617507

Trinity Oilfield Services & Rentals, LLC

Mesa Verde BS Unit #8

Analytical Method: Seq Number: Parent Sample Id: Parameter Chloride	Chloride by EPA 3 3082248 617507-008 Parent Result 10.4	00 Spike Amount 251		Matrix: nple Id: MS %Rec 99	Soil 617507-00 MSD Result 259	08 S MSD %Rec 99	Limits 90-110	Prep Meth Date Pr MSD Sample %RPD RPD Lim 0 20	ep: 03.1 e Id: 617	4.19	Flag
Analytical Method: Seq Number: Parent Sample Id: Parameter Chloride	Chloride by EPA 3 3082248 617561-002 Parent Result 2.01	00 Spike Amount 248		Matrix: nple Id: MS %Rec 98	Soil 617561-00 MSD Result 245	02 S MSD %Rec 98	Limits 90-110	Prep Meth Date Pr MSD Sample %RPD RPD Lim 0 20	ep: 03.1 e Id: 617	4.19	Flag
Analytical Method: Seq Number: Parent Sample Id: Parameter Chloride	Chloride by EPA 3 3082188 617631-004 Parent Result 5.78	00 Spike Amount 250		Matrix: nple Id: MS %Rec 101	Soil 617631-00 MSD Result 259	04 S MSD %Rec 101	Limits 90-110	Prep Meth- Date Pr MSD Sample %RPD RPD Lim 0 20	ep: 03.1 e Id: 617	4.19	Flag
Analytical Method: Seq Number: Parent Sample Id: Parameter Chloride	Chloride by EPA 3 3082188 617687-004 Parent Result 7.45	00 Spike Amount 248		Matrix: nple Id: MS %Rec 99	Soil 617687-00 MSD Result 253	04 S MSD %Rec 99	Limits 90-110	Prep Meth Date Pr MSD Sample %RPD RPD Lim 0 20	ep: 03.1 e Id: 617	4.19	Flag
Analytical Method: Seq Number: MB Sample Id: Parameter Gasoline Range Hydrocarb Diesel Range Organics		fod Spike Amount 1000 1000		Matrix: nple Id: LCS %Rec 103 102	Solid 7673699- LCSD Result 1100 1090	1-BKS LCSD %Rec 110 109	Limits 70-135 70-135	Prep Meth Date Pr LCSD Sample %RPD RPD Lim 7 20 7 20	ep: 03.1 e Id: 767	1005P 5.19 3699-1-BSD Analysis Date 03.15.19 15:51 03.15.19 15:51	Flag
Surrogate 1-Chlorooctane o-Terphenyl	MB %Rec 90 91	MB Flag	%] 1		LCS Flag	LCSI %Re 129 113	c Fla		Units % %	Analysis Date 03.15.19 15:51 03.15.19 15:51	

MS/MSD Percent Recovery Relative Percent Difference LCS/LCSD Recovery Log Difference [D] = 100*(C-A) / B RPD = 200* | (C-E) / (C+E) | [D] = 100 * (C) / [B] Log Diff. = Log(Sample Duplicate) - Log(Original Sample) LCS = Laboratory Control Sample A = Parent Result C = MS/LCS Result E = MSD/LCSD Result MS = Matrix Spike B = Spike Added D = MSD/LCSD % Rec

.

Page 49 of 54



BORATORIES



Trinity Oilfield Services & Rentals, LLC

Mesa Verde BS Unit #8

Analytical Method:	-	SW8015 N	lod						Р	rep Methoo		005P	
Seq Number:	3082335				Matrix:	Soil				Date Prep	p: 03.1	5.19	
Parent Sample Id:	617507-00	01		MS San	nple Id:	617507-00	01 S		MS	D Sample	ld: 617	507-001 SD	
Parameter		Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Gasoline Range Hydrocarb	ons (GRO)	<7.99	998	1020	102	908	91	70-135	12	20	mg/kg	03.15.19 16:48	
Diesel Range Organics	(DRO)	<8.11	998	1040	104	917	92	70-135	13	20	mg/kg	03.15.19 16:48	
Surrogate					1S Rec	MS Flag	MSD %Re			imits	Units	Analysis Date	
1-Chlorooctane				1	15		104		70	0-135	%	03.15.19 16:48	
o-Terphenyl				1	02		88		70	0-135	%	03.15.19 16:48	

Analytical Method: Seq Number: MB Sample Id:	BTEX by EPA 802 3082733 7673950-1-BLK	lB	LCS San	Matrix: nple Id:		1-BKS			Prep Metho Date Pre SD Sample	p: 03.1	5030B 9.19 3950-1-BSD	
Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RP	D RPD Limit	Units	Analysis Date	Flag
Benzene	< 0.00200	0.0998	0.120	120	0.121	120	70-130	1	35	mg/kg	03.19.19 19:02	
Toluene	< 0.00200	0.0998	0.121	121	0.121	120	70-130	0	35	mg/kg	03.19.19 19:02	
Ethylbenzene	< 0.000564	0.0998	0.107	107	0.107	106	70-130	0	35	mg/kg	03.19.19 19:02	
m,p-Xylenes	< 0.00101	0.200	0.211	106	0.211	105	70-130	0	35	mg/kg	03.19.19 19:02	
o-Xylene	< 0.00200	0.0998	0.106	106	0.106	105	70-130	0	35	mg/kg	03.19.19 19:02	
Surrogate	MB %Rec	MB Flag		CS Rec	LCS Flag	LCSD %Rec			Limits	Units	Analysis Date	
1,4-Difluorobenzene	116		1	07		109			70-130	%	03.19.19 19:02	
4-Bromofluorobenzene	110		1	07		108			70-130	%	03.19.19 19:02	

Analytical Method: Seq Number: MB Sample Id:	BTEX by EPA 802 3082772 7673968-1-BLK	1B	LCS San	Matrix: ple Id:	Solid 7673968-	1-BKS		LC	Prep Metho Date Pre CSD Sample	p: 03.2	5030B 0.19 3968-1-BSD	
Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RP	D RPD Limit	Units	Analysis Date	Flag
Benzene	< 0.00200	0.100	0.113	113	0.117	117	70-130	3	35	mg/kg	03.20.19 14:50	
Toluene	< 0.00200	0.100	0.114	114	0.118	118	70-130	3	35	mg/kg	03.20.19 14:50	
Ethylbenzene	< 0.000565	0.100	0.101	101	0.103	103	70-130	2	35	mg/kg	03.20.19 14:50	
m,p-Xylenes	< 0.00101	0.200	0.198	99	0.203	101	70-130	2	35	mg/kg	03.20.19 14:50	
o-Xylene	< 0.00200	0.100	0.0992	99	0.102	102	70-130	3	35	mg/kg	03.20.19 14:50	
Surrogate	MB %Rec	MB Flag			LCS Flag	LCSE %Rec			Limits	Units	Analysis Date	
1,4-Difluorobenzene	117		1	08		109			70-130	%	03.20.19 14:50	
4-Bromofluorobenzene	114		1	05		108			70-130	%	03.20.19 14:50	

MS/MSD Percent Recovery Relative Percent Difference LCS/LCSD Recovery Log Difference [D] = 100*(C-A) / B RPD = 200* | (C-E) / (C+E) | [D] = 100 * (C) / [B] Log Diff. = Log(Sample Duplicate) - Log(Original Sample) LCS = Laboratory Control Sample A = Parent Result C = MS/LCS Result E = MSD/LCSD Result MS = Matrix Spike B = Spike Added D = MSD/LCSD % Rec

.



Trinity Oilfield Services & Rentals, LLC

Mesa Verde BS Unit #8

Analytical Method: Seq Number: Parent Sample Id:	BTEX by EPA 802 3082733 617507-001	1B		Matrix: nple Id:		01 S			Prep Metho Date Pre SD Sample	p: 03.1	5030B 9.19 507-001 SD	
Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Benzene	< 0.00200	0.100	0.0942	94	0.108	109	70-130	14	35	mg/kg	03.19.19 19:40	
Toluene	< 0.00200	0.100	0.111	111	0.108	109	70-130	3	35	mg/kg	03.19.19 19:40	
Ethylbenzene	< 0.00200	0.100	0.0953	95	0.0915	92	70-130	4	35	mg/kg	03.19.19 19:40	
m,p-Xylenes	0.00461	0.200	0.195	95	0.180	88	70-130	8	35	mg/kg	03.19.19 19:40	
o-Xylene	< 0.00200	0.100	0.100	100	0.0915	92	70-130	9	35	mg/kg	03.19.19 19:40	
Surrogate				1S Rec	MS Flag	MSD %Rec		-	Limits	Units	Analysis Date	
1,4-Difluorobenzene			1	04		109		7	0-130	%	03.19.19 19:40	
4-Bromofluorobenzene			1	26		112		7	0-130	%	03.19.19 19:40	

Analytical Method:	BTEX by EPA 802	1B]	Prep Metho	l: SW3	5030B	
Seq Number:	3082772			Matrix:	Soil				Date Prep	p: 03.2	0.19	
Parent Sample Id:	618088-010		MS San	nple Id:	618088-0	10 S		М	SD Sample	Id: 6180)88-010 SD	
Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPI) RPD Limit	Units	Analysis Date	Flag
Benzene	< 0.00199	0.0994	0.104	105	0.107	107	70-130	3	35	mg/kg	03.20.19 15:32	
Toluene	0.000601	0.0994	0.107	107	0.109	108	70-130	2	35	mg/kg	03.20.19 15:32	
Ethylbenzene	< 0.000561	0.0994	0.0960	97	0.0944	94	70-130	2	35	mg/kg	03.20.19 15:32	
m,p-Xylenes	< 0.00101	0.199	0.189	95	0.186	93	70-130	2	35	mg/kg	03.20.19 15:32	
o-Xylene	0.000391	0.0994	0.0955	96	0.0931	93	70-130	3	35	mg/kg	03.20.19 15:32	
Surrogate				1S Rec	MS Flag	MSD %Ree		-	Limits	Units	Analysis Date	
1,4-Difluorobenzene			1	07		110		,	70-130	%	03.20.19 15:32	
4-Bromofluorobenzene			1	13		111		,	70-130	%	03.20.19 15:32	

MS/MSD Percent Recovery Relative Percent Difference LCS/LCSD Recovery Log Difference [D] = 100*(C-A) / B RPD = 200* | (C-E) / (C+E) | [D] = 100 * (C) / [B] Log Diff. = Log(Sample Duplicate) - Log(Original Sample) LCS = Laboratory Control Sample A = Parent Result C = MS/LCS Result E = MSD/LCSD Result MS = Matrix Spike B = Spike Added D = MSD/LCSD % Rec

.

Page 51 of 54

abo unmental	NCO ratorics roool-c Adester Radioche mility	r Dr. Stafford,	CHAI TX 77477 (28	31)240-420	0 Odes	ssa: 126	300 W				(432)563	3-1800	Page LAB \ Field bi		: \	e1-	1507	Container Type Code VA vial Amber Es Encore Samp VC Vial Clear TS TerraCore S VP Vial Pre-preserved AC Air Canister GA Glass Amber TB Tedlar Bag GC Glass Clear ZB Zip Lock Bag PA Plastic Amber PC Plastic Clear PC Plastic Clear PC Plastic Clear
mpany	¹² Trinity Oilfield Services & Rentals,	LLC		Phone:	(575)3	390-720	8	TAT Wo	rk Day	s = D	Need r	esults t	oy:			Time	·	Other
dress:	P.O. Box 2587		State: NM	Fax:				S	Std (5-	7D) 5H	1. M. H.		4D 5D			Other	-	Size(s): 2oz, 4oz, 8oz, 16oz, 32oz , 1Gal 40ml, 125 ml, 250 ml, 500 ml, 1L, Other
y: I/Attn:	Hobbs		Email: wad		88241						AN	ALYS	ES RE(DUES	FED			** Preservative Type Coo
	Ben J. Arguijo		ben@trinit	yoilfieldse				Cont Type * VC	GC	GC	GC							A. None E. HCL I. Ice B. HNO ₃ F. MeOH J. MCAA C. H ₂ SO ₄ G. Na ₂ S ₂ O ₃ K. ZnAc&NaOH
oject IE	Mesa Verde BS Unit #8			PO#:				Pres.Type**	I									D. NaOH H. NaHSO ₄ L Asbc Acid& O
oice T	o: Oxy - Wade Dittrich (575)390-282	3		Quote #	:			ø									PAH	A Metrix Ture Codes
mpler sh Hali	Name: comb		Event: Daily Semi-Annual			ıly		Example dies by 8260	TPH 8015M	BTEX	Chloride						told Sample Mun	A Matrix Type Codes GW Ground Water S Soll/Sediment WW Waste Water W Wipe DW Drinking Water A Air SW Surface Water O Oil OW Ocean/Sea Water T Tissue
	Sample ID	Collect Date	Collect Time	Matnx Gode *	Field Filtere	Integrit OK (Y/I Total#4	containe	Exa Volatile:	· ⊭								CALL	PL Product-Liquid U Urine PS Product-Solid B Blood SL Sludge
								# Cont	Lab Only	/: /:			L			REMARKS
1	SP-1	3/6/19	1150	S			1		Х	X	X	1						
2	SP-2	3/6/19	1156	S			1		Х	X	X							
3	SP-3	3/6/19	1203	s			1		X	X	X				·			
4	SP-4	3/6/19	1208	s			1		X	X	X							
5	SP-5	3/6/19	1212	s			1		Х	X	X							
6	SP-6	3/6/19	1214	s			1		X	X	X			· · .				
7	SP-7	3/6/19	1217	S			1		X	X	X							
8	SP-8	3/6/19	1219	s			1		Х	X	X			1				
9	SP-9	3/6/19	1221	s			1		Х	X	X							
0	SP-10	3/6/19	1329	s			1		Х	X	X	· ·		1				
	sg. Program / Clean-up Std		for Certs a	dagen was in man processio	QA	NOC L	.eve	1 & Certific	A SAMAGES AND A SAMAGES AND A		EDDs		COC	s Labels		Coolers	Temp °C	Lab Use Only YES N
Ls T er:	RRP DW NPDES LPST DryCin	FL TX GA LA AL NM	NC SC NJ Other:	PA OK		34 CDoD-		AFCEE QA Other:	\PP	ADaPT XLS Oth	SEDD Ier:	ERPIMS	Match Absent	Incomplete Unclear	1-1.	52	_3	Non-Conformances found?
	Relinquished by		Affill		17	Date		Tim	2		eceived		Aff	lation			Time	Received on Wet Ice?
	Josh Halcomb		Tring	<i>ħ/</i>	15/		2	9:5	6	FK.	7	tte	Ker	$\sum_{\lambda \neq i}$	13)¥ 31,3		1245	Received within holding time? Custody seals intact?
	FIDUM			2	+	19/1	.1	2à			//					119	10-1-2	VOCs rec'd w/o headspace? Proper containers used? pH verified-acceptable, excl VOCs? Received on time to meet HTs?
t	aboratories: Hobbs 575-392-75											•				-		C.O.C. Serial #

Execution of this document by client creates a legal and binding agreement between client and Xenco for analytical and testing services provided by Xenco to client under Xenco's standard terms and conditions unless previously agreed in writing. Terms of payment are Net 30 days, and all past due amounts shall accrue interest at 1.5% per month until paid in full. All laboratory analytical data and reports generated by Xenco remain the exclusive property of Xenco until invoices for such data are paid in full. Revision Date: Nov 12, 2009

ompa	^a Adestas Bathochemiday ^{ny:} Trinity Oilfield Services & Rentals.			Phone:	(575);	390-72	208	TAT 14			Neede		Field bi				<u> </u>		GA Glass Amber TB Tedlar Bag GC Glass Clear ZB Zip Lock B PA Plastic Amber PC Plastic Clear PC Plastic Clear Other	
dres	· · ·		· .	Fax:	(0.0)			TAT W								Tim			Size(s): 2oz, 4oz, 8oz, 16oz, 32oz , 1Gal 40ml, 125 ml, 250 ml, 500 ml, 1L, Other	
ity:	Hobbs		State: NM	Zip:	88241				510 (5-	אס (<u>עזי</u>			40 50 (S RE(Other_			40ml, 125 ml, 250 ml, 500 ml, 1L, Other	des
M/Attr	^{1:} Ben J. Arguijo		Email: wade ben@trinity	L. dittrich@ oilfieldse)oxy.co	om &	•	Cont Type * VC	GC	GC	GC								A. None E. HCL I. Ice B. HNO ₃ F. MeOH J. MCAA	
roject	ID: Mesa Verde BS Unit #8			PO#:	1000.			Pres Type**											C. H_2SO_4 G. $Na_2S_2O_3$ K. ZnAc&NaC D. NaOH H. NaHSO ₄ L Asbc Acid O.	H √NaOH
voice	To: Oxy - Wade Dittrich (575)390-282	8		Quote #:			· ·.	90										PAH BAH		
	r Name: alcomb	1	Event: Daily Semi-Annual		Mont N/A	hiy .		iple by 82(8015M	X	ide	a tur				•	· . ` `	Sample Run H	A Matrix Type Codes GW Ground Water S Soil/Sedime WW Waste Water W Wipe	
Sample #	Sample ID	Collect Date	Collect Time	Matrix Code ^	Field	lijtegrity OK (YN)	otal # of distants	Example Volatiles by 8260	8 Hqt	BTEX	Chloride					-		Hold CALL	DW Dinkring Water A Air SW Surface Water O Oil OW Ocean/Sea Water T Tissue PL Product-Liquid U Unine PS Product-Solid B Blood SL Sludge	
San						1	<u> </u>	# Cont	Lab Onl	<u>ј</u> у:	L		1	L	L		1	- a	REMARKS	
_1	SP-11	3/6/19	1332	s			1		X	X	X									
_2	SP-12	3/6/19	1334	S			1		X	X	X									
3	SP-13	3/6/19	1340	s			1		х	X	X									
4	SP-14	3/6/19	1343	S			1		х	X	X									
5	SP-15	3/6/19	1345	S			1		X	x	X				-					
_6	SP-16	3/7/19	1054	s			1		X	X	X									
7	SP-17	3/7/19	1057	S S			1		X	X	X									-
8	SP-18	3/7/19	1101	S			1		× χ	X	X									
9	SP-19	3/7/19	1103	S			1		X	X	X		.							
_0																				
	Reg. Program / Clean-up Std		for Certs 8	C						ADaPT	EDDs SEDD			Labels		Coolers	Temp	°C	Lab Use Only YES I Non-Conformances found?	O N/
ner:	Relinquished by	LA AL NM					D-ELA	P Other:	ne	XLS Ot			Absent	Unclear	1-1.	σ ₂	_3	ime	Samples intact upon arrival?	
1	Josh Halcanb		Trini		3		14	9:-		HX		tr	M	12		RIG	9	$\overline{\mathbb{S}}$	Labeled with proper preservatives?	
2	Butte		m	5	3	lial	j9	23	NAME OF CO.	100	NW S		Xen	nto	511	3 19	13	15	Custody seals intact? VOCs rec'd w/o headspace?	
3					<u> </u>					-	-		<u> </u>						Proper containers used? pH verified-acceptable, excl VOCs? Received on time to meet HTs?	
4	Laboratories: Hobbs 575-392-75		214 002 02	00 11-		204	242	1200 01	42	2 562 4	000 6-		10.210	500 222		only 60	1 427 0	220	C.O.C. Serial #	

5

Received by OCD: 12/11/2023 12:16:33 PM



XENCO Laboratories



Prelogin/Nonconformance Report- Sample Log-In

Client: Trinity Oilfield Services & Rentals, LLC Acceptable Temperature Range: 0 - 6 degC Air and Metal samples Acceptable Range: Ambient Date/ Time Received: 03/13/2019 12:45:00 PM Temperature Measuring device used : R8 Work Order #: 617507 Comments Sample Receipt Checklist 1.2 #1 *Temperature of cooler(s)? #2 *Shipping container in good condition? Yes #3 *Samples received on ice? Yes #4 *Custody Seals intact on shipping container/ cooler? N/A #5 Custody Seals intact on sample bottles? N/A #6*Custody Seals Signed and dated? N/A #7 *Chain of Custody present? Yes #8 Any missing/extra samples? No #9 Chain of Custody signed when relinquished/ received? Yes #10 Chain of Custody agrees with sample labels/matrix? Yes #11 Container label(s) legible and intact? Yes #12 Samples in proper container/ bottle? Yes #13 Samples properly preserved? Yes #14 Sample container(s) intact? Yes #15 Sufficient sample amount for indicated test(s)? Yes

#16 All samples received within hold time? #17 Subcontract of sample(s)?

#18 Water VOC samples have zero headspace?

* Must be completed for after-hours delivery of samples prior to placing in the refrigerator

Analyst:

PH Device/Lot#:

Checklist completed by: Ballo Tal Brianna Teel Checklist reviewed by: Helly Taylor

Holly Taylor

Date: 03/13/2019

Yes

N/A

N/A

Date: 03/15/2019





Project Id: Contact: Ben Arguijo Project Location:

Certificate of Analysis Summary 620782

Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Project Name: Mesa Verde BS Unit #8



Date Received in Lab:Thu Apr-11-19 11:15 amReport Date:23-APR-19Project Manager:Holly Taylor

	Lab Id:	620782-0	001	620782-	002	620782-0	003	620782-	004	620782-	005	620782-0	006
Analysis Paguastad	Field Id:	SP-1 @	6"	SP-3 @	6"	SP-5 @	6"	SP-7 @	6"	SP-9 @	6"	SP-11 @	9 6"
Analysis Requested	Depth:												
	Matrix:	SOIL	,	SOIL		SOIL		SOIL	,	SOIL		SOIL	
	Sampled:	Apr-09-19	09:58	Apr-09-19	09:49	Apr-09-19	09:47	Apr-09-19	09:43	Apr-09-19	09:30	Apr-09-19	09:25
BTEX by EPA 8021B	Extracted:	Apr-16-19	08:30	Apr-17-19	08:30	Apr-17-19	08:30	Apr-17-19	08:30	Apr-17-19	08:30	Apr-17-19	08:30
	Analyzed:	Apr-16-19	20:22	Apr-17-19	23:19	Apr-17-192	23:38	Apr-17-19	23:57	Apr-17-19	12:16	Apr-17-19	12:35
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Benzene		< 0.00199	0.00199	< 0.00201	0.00201	< 0.00199	0.00199	< 0.00200	0.00200	< 0.00200	0.00200	< 0.00202	0.00202
Toluene		< 0.00199	0.00199	0.00215	0.00201	< 0.00199	0.00199	< 0.00200	0.00200	< 0.00200	0.00200	< 0.00202	0.00202
Ethylbenzene		< 0.00199	0.00199	0.00608	0.00201	< 0.00199	0.00199	< 0.00200	0.00200	< 0.00200	0.00200	< 0.00202	0.00202
m,p-Xylenes		< 0.00398	0.00398	0.0494	0.00402	< 0.00398	0.00398	< 0.00400	0.00400	< 0.00400	0.00400	< 0.00404	0.00404
o-Xylene		< 0.00199	0.00199	0.0409	0.00201	< 0.00199	0.00199	< 0.00200	0.00200	< 0.00200	0.00200	< 0.00202	0.00202
Total Xylenes		< 0.00199	0.00199	0.0903	0.00201	< 0.00199	0.00199	< 0.00200	0.00200	< 0.00200	0.00200	< 0.00202	0.00202
Total BTEX		< 0.00199	0.00199	0.0985	0.00201	< 0.00199	0.00199	< 0.00200	0.00200	< 0.00200	0.00200	< 0.00202	0.00202
Chloride by EPA 300	Extracted:	Apr-17-19	19:00	Apr-17-19	19:00	Apr-19-19	09:40	Apr-19-19	09:40	Apr-19-19	09:40	Apr-19-19	09:40
	Analyzed:	Apr-18-19	02:21	Apr-18-19	02:27	Apr-19-19	20:31	Apr-19-19	20:37	Apr-19-19	20:44	Apr-19-19	20:50
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Chloride		2020	24.8	279	5.00	121	4.98	76.6	4.98	237	5.01	68.4	5.01
TPH By SW8015 Mod	Extracted:	Apr-13-19	09:00	Apr-13-19	09:00	Apr-13-19	09:00	Apr-13-19	09:00	Apr-13-19	09:00	Apr-13-19	09:00
	Analyzed:	Apr-13-19	11:13	Apr-14-19	09:50	Apr-13-19	12:30	Apr-13-19	12:50	Apr-13-19	13:09	Apr-13-19	13:28
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Gasoline Range Hydrocarbons (GRO)		<15.0	15.0	436	74.9	<14.9	14.9	<15.0	15.0	<15.0	15.0	<15.0	15.0
Diesel Range Organics (DRO)		124	15.0	5800	74.9	68.5	14.9	24.4	15.0	29.9	15.0	19.0	15.0
Motor Oil Range Hydrocarbons (MRO)		<15.0	15.0	925	74.9	17.5	14.9	<15.0	15.0	<15.0	15.0	<15.0	15.0
Total TPH		124	15.0	7160	74.9	86.0	14.9	24.4	15.0	29.9	15.0	19.0	15.0

This analytical report, and the entire data package it represents, has been made for your exclusive and confidential use. The interpretations and results expressed throughout this analytical report represent the best judgment of XENCO Laboratories. XENCO Laboratories assumes no responsibility and makes no warranty to the end use of the data hereby presented. Our liability is limited to the amount invoiced for this work order unless otherwise agreed to in writing.

Houston - Dallas - Midland - Tampa - Phoenix - Lubbock - San Antonio - El Paso - Atlanta - New Mexico

y ayou

Holly Taylor Project Manager

Released to Imaging: 12/14/2023 2:50:51 PM

Page 1 of 39

Final 1.000





Project Id: Contact: Ben Arguijo Project Location: Certificate of Analysis Summary 620782

Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Project Name: Mesa Verde BS Unit #8



Date Received in Lab:Thu Apr-11-19 11:15 amReport Date:23-APR-19Project Manager:Holly Taylor

	Lab Id:	620782-0	007	620782-0	008	620782-0	009	620782-	010	620782-	011	620782-0	012
Amaluaia Dogwootod	Field Id:	SP-12 @	6"	SP-13 @	6"	SP-15 @	6"	SP-16 @	6"	SP-17 @	6"	SP-19 @	6"
Analysis Requested	Depth:												
	Matrix:	SOIL		SOIL	,	SOIL		SOIL		SOIL		SOIL	
	Sampled:	Apr-09-19	08:52	Apr-09-19	08:56	Apr-09-19	10:09	Apr-09-19	11:00	Apr-09-19	10:45	Apr-09-19	10:30
BTEX by EPA 8021B	Extracted:	Apr-17-19	08:30										
	Analyzed:	Apr-17-19	12:54	Apr-17-19	13:13	Apr-17-19	13:32	Apr-17-19	13:51	Apr-17-19	14:10	Apr-17-19	15:24
	Units/RL:	mg/kg	RL										
Benzene	·	< 0.00198	0.00198	< 0.00201	0.00201	< 0.00199	0.00199	< 0.00200	0.00200	< 0.00200	0.00200	< 0.00202	0.00202
Toluene		< 0.00198	0.00198	< 0.00201	0.00201	< 0.00199	0.00199	< 0.00200	0.00200	< 0.00200	0.00200	< 0.00202	0.00202
Ethylbenzene		< 0.00198	0.00198	< 0.00201	0.00201	< 0.00199	0.00199	< 0.00200	0.00200	< 0.00200	0.00200	< 0.00202	0.00202
m,p-Xylenes		< 0.00397	0.00397	< 0.00402	0.00402	< 0.00398	0.00398	< 0.00401	0.00401	< 0.00399	0.00399	< 0.00403	0.00403
o-Xylene		< 0.00198	0.00198	< 0.00201	0.00201	< 0.00199	0.00199	< 0.00200	0.00200	< 0.00200	0.00200	< 0.00202	0.00202
Total Xylenes		< 0.00198	0.00198	< 0.00201	0.00201	< 0.00199	0.00199	< 0.00200	0.00200	< 0.00200	0.00200	< 0.00202	0.00202
Total BTEX		< 0.00198	0.00198	< 0.00201	0.00201	<0.00199	0.00199	< 0.00200	0.00200	< 0.00200	0.00200	< 0.00202	0.00202
Chloride by EPA 300	Extracted:	Apr-19-19	09:40	Apr-19-19	09:40	Apr-19-19	12:00	Apr-19-19	12:00	Apr-19-19	12:00	Apr-19-19	12:00
	Analyzed:	Apr-19-19	20:57	Apr-19-19	21:03	Apr-19-19	17:36	Apr-19-19	17:56	Apr-19-19	18:02	Apr-19-19	18:09
	Units/RL:	mg/kg	RL										
Chloride	·	108	5.01	682	24.8	127	5.00	1200	25.2	206	4.99	1010	25.0
TPH By SW8015 Mod	Extracted:	Apr-13-19	09:00										
	Analyzed:	Apr-13-19	13:47	Apr-13-19	14:07	Apr-13-19	14:26	Apr-13-19	14:46	Apr-13-19	15:45	Apr-13-19	16:04
	Units/RL:	mg/kg	RL										
Gasoline Range Hydrocarbons (GRO)		<15.0	15.0	<14.9	14.9	<14.9	14.9	<15.0	15.0	<15.0	15.0	<15.0	15.0
Diesel Range Organics (DRO)		218	15.0	217	14.9	1060	14.9	3230	15.0	59.6	15.0	706	15.0
Motor Oil Range Hydrocarbons (MRO)		32.8	15.0	17.1	14.9	17.9	14.9	1120 E	15.0	89.8	15.0	130	15.0
Total TPH		251	15.0	234	14.9	1080	14.9	4350	15.0	149	15.0	836	15.0

This analytical report, and the entire data package it represents, has been made for your exclusive and confidential use. The interpretations and results expressed throughout this analytical report represent the best judgment of XENCO Laboratories. XENCO Laboratories assumes no responsibility and makes no warranty to the end use of the data hereby presented. Our liability is limited to the amount invoiced for this work order unless otherwise agreed to in writing.

Houston - Dallas - Midland - Tampa - Phoenix - Lubbock - San Antonio - El Paso - Atlanta - New Mexico

y ayor

Holly Taylor Project Manager

Page 2 of 39

Analytical Report 620782

for

Trinity Oilfield Services & Rentals, LLC

Project Manager: Ben Arguijo

Mesa Verde BS Unit #8

23-APR-19

Collected By: Client





1211 W. Florida Ave Midland TX 79701

Xenco-Houston (EPA Lab Code: TX00122): Texas (T104704215-18-28), Arizona (AZ0765), Florida (E871002-24), Louisiana (03054) Oklahoma (2017-142)

> Xenco-Dallas (EPA Lab Code: TX01468): Texas (T104704295-18-17), Arizona (AZ0809), Arkansas (17-063-0)

Xenco-El Paso (EPA Lab Code: TX00127): Texas (T104704221-18-14) Xenco-Lubbock (EPA Lab Code: TX00139): Texas (T104704219-18-18) Xenco-Midland (EPA Lab Code: TX00158): Texas (T104704400-18-18) Xenco-San Antonio (EPA Lab Code: TNI02385): Texas (T104704534-18-4) Xenco Phoenix (EPA Lab Code: AZ00901): Arizona (AZ0757) Xenco-Phoenix Mobile (EPA Lab Code: AZ00901): Arizona (AZM757) Xenco-Atlanta (LELAP Lab ID #04176) Xenco-Tampa: Florida (E87429), North Carolina (483) Xenco-Lakeland: Florida (E84098)





23-APR-19

Project Manager: **Ben Arguijo Trinity Oilfield Services & Rentals, LLC** PO BOX 2587 Hobbs, NM 88241

Reference: XENCO Report No(s): 620782 Mesa Verde BS Unit #8 Project Address:

Ben Arguijo:

We are reporting to you the results of the analyses performed on the samples received under the project name referenced above and identified with the XENCO Report Number(s) 620782. All results being reported under this Report Number apply to the samples analyzed and properly identified with a Laboratory ID number. Subcontracted analyses are identified in this report with either the NELAC certification number of the subcontract lab in the analyst ID field, or the complete subcontracted report attached to this report.

Unless otherwise noted in a Case Narrative, all data reported in this Analytical Report are in compliance with NELAC standards. The uncertainty of measurement associated with the results of analysis reported is available upon request. Should insufficient sample be provided to the laboratory to meet the method and NELAC Matrix Duplicate and Matrix Spike requirements, then the data will be analyzed, evaluated and reported using all other available quality control measures.

The validity and integrity of this report will remain intact as long as it is accompanied by this letter and reproduced in full, unless written approval is granted by XENCO Laboratories. This report will be filed for at least 5 years in our archives after which time it will be destroyed without further notice, unless otherwise arranged with you. The samples received, and described as recorded in Report No. 620782 will be filed for 45 days, and after that time they will be properly disposed without further notice, unless otherwise arranged with you. We reserve the right to return to you any unused samples, extracts or solutions related to them if we consider so necessary (e.g., samples identified as hazardous waste, sample sizes exceeding analytical standard practices, controlled substances under regulated protocols, etc).

We thank you for selecting XENCO Laboratories to serve your analytical needs. If you have any questions concerning this report, please feel free to contact us at any time.

Respectfully,

thely Taylor

Holly Taylor Project Manager

Recipient of the Prestigious Small Business Administration Award of Excellence in 1994. Certified and approved by numerous States and Agencies. A Small Business and Minority Status Company that delivers SERVICE and QUALITY

Houston - Dallas - Midland - San Antonio - Phoenix - Oklahoma - Latin America





ATORIES

Sample Cross Reference 620782



Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Sample Id	Matrix	Date Collected	Sample Depth	Lab Sample Id
SP-1 @ 6"	S	04-09-19 09:58		620782-001
SP-3 @ 6"	S	04-09-19 09:49		620782-002
SP-5 @ 6"	S	04-09-19 09:47		620782-003
SP-7 @ 6"	S	04-09-19 09:43		620782-004
SP-9 @ 6"	S	04-09-19 09:30		620782-005
SP-11 @ 6"	S	04-09-19 09:25		620782-006
SP-12 @ 6"	S	04-09-19 08:52		620782-007
SP-13 @ 6"	S	04-09-19 08:56		620782-008
SP-15 @ 6"	S	04-09-19 10:09		620782-009
SP-16 @ 6"	S	04-09-19 11:00		620782-010
SP-17 @ 6"	S	04-09-19 10:45		620782-011
SP-19 @ 6"	S	04-09-19 10:30		620782-012



CASE NARRATIVE

Client Name: Trinity Oilfield Services & Rentals, LLC Project Name: Mesa Verde BS Unit #8

Project ID: Work Order Number(s): 620782 Report Date: 23-APR-19 Date Received: 04/11/2019

Sample receipt non conformances and comments:

Chloride Batch 3086469: MB of 1.39 mg/kg is acceptable as it is below the reporting limit of 5.00 mg/kg.

Sample receipt non conformances and comments per sample:

None

Analytical non conformances and comments:

Batch: LBA-3085698 TPH By SW8015 Mod

Surrogate o-Terphenyl recovered above QC limits. Matrix interferences is suspected; data confirmed by re-analysis.

Samples affected are: 620782-002.

Batch: LBA-3085867 BTEX by EPA 8021B Soil samples were not received in Terracore kits and therefore were prepared by method 5030.

Batch: LBA-3086132 BTEX by EPA 8021B

Toluene Relative Percent Difference (RPD) between matrix spike and duplicate was above quality control limits.

Samples in the analytical batch are: 620782-002, -003, -004, -005, -006, -007, -008, -009, -010, -011, -012 Soil samples were not received in Terracore kits and therefore were prepared by method 5030.

Lab Sample ID 620782-002 was randomly selected for Matrix Spike/Matrix Spike Duplicate (MS/MSD). Benzene, Ethylbenzene, Toluene, m,p-Xylenes, o-Xylene recovered below QC limits in the Matrix Spike and Matrix Spike Duplicate. Outlier/s are due to possible matrix interference. Samples in the analytical batch are: 620782-002, -003, -004, -005, -006, -007, -008, -009, -010, -011, -012.

The Laboratory Control Sample for Toluene, Benzene, m,p-Xylenes, Ethylbenzene, o-Xylene is within laboratory Control Limits, therefore the data was accepted.

Batch: LBA-3086451 Chloride by EPA 300

Lab Sample ID 621142-003 was randomly selected for Matrix Spike/Matrix Spike Duplicate (MS/MSD). Chloride recovered below QC limits in the Matrix Spike and Matrix Spike Duplicate. Outlier/s are due to possible matrix interference. Samples in the analytical batch are: 620782-009, -010, -011, -012. The Laboratory Control Sample for Chloride is within laboratory Control Limits, therefore the data was accepted.





Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Sample Id:	SP-1 @ 6"		Matrix:	Soil		Date Received:04.1	1.19 11.1	5
Lab Sample	Id: 620782-001		Date Coll	ected: 04.09.19 09.58				
Analytical M	lethod: Chloride by El	PA 300				Prep Method: E30	OP	
Tech:	SPC					% Moisture:		
Analyst:	SPC		Date Prep	e: 04.17.19 19.00		Basis: Wet	Weight	
Seq Number	: 3086191							
Parameter		Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride		16887-00-6	2020	24.8	mg/kg	04.18.19 02.21		5

15 Mod				Р	rep Method: TX	1005P	
				%	6 Moisture:		
	Date Prep:	04.13.	19 09.00	В	asis: We	t Weight	
Cas Number	Result	RL		Units	Analysis Date	Flag	Dil
PHC610	<15.0	15.0		mg/kg	04.13.19 11.13	U	1
C10C28DRO	124	15.0		mg/kg	04.13.19 11.13		1
PHCG2835	<15.0	15.0		mg/kg	04.13.19 11.13	U	1
PHC635	124	15.0		mg/kg	04.13.19 11.13		1
		Recovery	Units	Limits	Analysis Date	Flag	
11	11-85-3	96	%	70-135	04.13.19 11.13		
84	4-15-1	103	%	70-135	04.13.19 11.13		
	PHC610 C10C28DRO PHCG2835 PHC635	Cas Number Result PHC610 <15.0	Date Prep: 04.13. Cas Number Result RL PHC610 <15.0	Date Prep: 04.13.19 09.00 Cas Number Result RL PHC610 <15.0	Cas Number Result RL Units PHC610 <15.0	Cas Number Result RL Units Analysis Date PHC610 <15.0	Cas Number Result RL Units Analysis Date Flag PHC610 <15.0





Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Sample Id:	SP-1 @ 6'' d: 620782-001		Matrix:	Soil d: 04.09.19 09.58	Date Re	ceived:04.11.19 11.1	15
Lab Sample R	1. 020782-001		Date Conecte	04.09.19 09.38			
Analytical Me	ethod: BTEX by EPA 802	21B			Prep Me	ethod: SW5030B	
Tech:	SCM				% Moist	ture:	
Analyst:	SCM		Date Prep:	04.16.19 08.30	Basis:	Wet Weight	
Seq Number:	3085867						
Parameter		Cas Number	Result F	RT.	Units Anal	lvsis Date Flag	Dil

Parameter	Cas Number	Result	RL		Units	Analysis Date	Flag	Dil
Benzene	71-43-2	< 0.00199	0.00199		mg/kg	04.16.19 20.22	U	1
Toluene	108-88-3	< 0.00199	0.00199		mg/kg	04.16.19 20.22	U	1
Ethylbenzene	100-41-4	< 0.00199	0.00199		mg/kg	04.16.19 20.22	U	1
m,p-Xylenes	179601-23-1	< 0.00398	0.00398		mg/kg	04.16.19 20.22	U	1
o-Xylene	95-47-6	< 0.00199	0.00199		mg/kg	04.16.19 20.22	U	1
Total Xylenes	1330-20-7	< 0.00199	0.00199		mg/kg	04.16.19 20.22	U	1
Total BTEX		< 0.00199	0.00199		mg/kg	04.16.19 20.22	U	1
Surrogate		Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
4-Bromofluorobenzene		460-00-4	96	%	70-130	04.16.19 20.22		
1,4-Difluorobenzene		540-36-3	101	%	70-130	04.16.19 20.22		





Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Sample Id: SP-3 @ 6'' Lab Sample Id: 620782-002		Matrix: Date Collect	Soil ed: 04.09.19 09.49	Ι	Date Received:04.1	1.19 11.15	i
Analytical Method: Chloride by Tech: SPC Analyst: SPC Seq Number: 3086191	EPA 300	Date Prep:	04.17.19 19.00	0	Prep Method: E30 6 Moisture: 3asis: Wet	0P Weight	
Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	279	5.00	mg/kg	04.18.19 02.27		1
Applytical Mathada TDU Dy SW	2015 Mad			T	www.Mathada TV	0050	
Analytical Method: TPH By SW	001 <i>3</i> 1000				Prep Method: TX	10031	

				%	Moisture:		
	Date Prep:	04.13.	19 09.00	В	asis: We	et Weight	
Cas Number	Result	RL		Units	Analysis Date	Flag	Dil
PHC610	436	74.9		mg/kg	04.14.19 09.50		5
C10C28DRO	5800	74.9		mg/kg	04.14.19 09.50		5
PHCG2835	925	74.9		mg/kg	04.14.19 09.50		5
PHC635	7160	74.9		mg/kg	04.14.19 09.50		5
	% Cas Number	Recovery	Units	Limits	Analysis Date	Flag	
1	11-85-3	124	%	70-135	04.14.19 09.50		
8	4-15-1	200	%	70-135	04.14.19 09.50	**	
	PHC610 C10C28DRO PHCG2835 PHC635	Cas Number Result PHC610 436 C10C28DRO 5800 PHCG2835 925 PHC635 7160	Cas Number Result RL PHC610 436 74.9 C10C28DRO 5800 74.9 PHCG2835 925 74.9 PHC635 7160 74.9 PHC635 7160 74.9 PHC635 124 124	Cas Number Result RL PHC610 436 74.9 C10C28DRO 5800 74.9 PHCG2835 925 74.9 PHC635 7160 74.9 VHC635 7160 74.9 VHC635 111-85-3 124	Date Prep: 04.13.19 09.00 B Cas Number Result RL Units PHC610 436 74.9 mg/kg C10C28DR0 5800 74.9 mg/kg PHC635 925 74.9 mg/kg PHC635 7160 74.9 mg/kg PHC635 111-85-3 124 %	Date Prep: 04.13.19 09.00 Basis: We Cas Number Result RL Units Analysis Date PHC610 436 74.9 mg/kg 04.14.19 09.50 C10C28DRO 5800 74.9 mg/kg 04.14.19 09.50 PHC62835 925 74.9 mg/kg 04.14.19 09.50 PHC635 7160 74.9 mg/kg 04.14.19 09.50 111-85-3 124 % 70-135 04.14.19 09.50	Cas Number Result RL Units Analysis Date Flag PHC610 436 74.9 mg/kg 04.14.19 09.50 Flag C10C28DRO 5800 74.9 mg/kg 04.14.19 09.50 Flag PHC62835 925 74.9 mg/kg 04.14.19 09.50 Flag PHC635 7160 74.9 mg/kg 04.14.19 09.50 Flag PHC635 7160 74.9 mg/kg 04.14.19 09.50 Flag PHC635 7160 74.9 mg/kg 04.14.19 09.50 Flag I11-85-3 124 % 70-135 04.14.19 09.50 Flag





Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Sample Id: SP-3 @ 6'' Lab Sample Id: 620782-002		Matrix: Date Collecte	Soil ed: 04.09.19 09.49	Date Recei	ved:04.11.19 11.15	5
Analytical Method: BTEX by EPA 80 Tech: SCM Analyst: SCM)21B	Date Prep:	04.17.19 08.30	Prep Metho % Moistur Basis:	od: SW5030B e: Wet Weight	
Seq Number: 3086132 Parameter	Cas Number	Result F	RL	Units Analysi	is Date Flag	Dil

T al ameter	Cas Number	Ktsuit	KL		Units	Analysis Date	Flag	Dii
Benzene	71-43-2	< 0.00201	0.00201		mg/kg	04.17.19 23.19	U	1
Toluene	108-88-3	0.00215	0.00201		mg/kg	04.17.19 23.19		1
Ethylbenzene	100-41-4	0.00608	0.00201		mg/kg	04.17.19 23.19		1
m,p-Xylenes	179601-23-1	0.0494	0.00402		mg/kg	04.17.19 23.19		1
o-Xylene	95-47-6	0.0409	0.00201		mg/kg	04.17.19 23.19		1
Total Xylenes	1330-20-7	0.0903	0.00201		mg/kg	04.17.19 23.19		1
Total BTEX		0.0985	0.00201		mg/kg	04.17.19 23.19		1
Surrogate		Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
4-Bromofluorobenzene		460-00-4	122	%	70-130	04.17.19 23.19		
1,4-Difluorobenzene		540-36-3	99	%	70-130	04.17.19 23.19		





Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Sample Id: Lab Sample Id	SP-5 @ 6'' d: 620782-003		Matrix: Date Collec	Soil ted: 04.09.19 09.47		Date Received	1:04.11.19 11.15	
Analytical Me Tech: Analyst: Seq Number:	ethod: Chloride by EPA CHE CHE 3086469	. 300	Date Prep:	04.19.19 09.40		Prep Method: % Moisture: Basis:	E300P Wet Weight	
Parameter		Cas Number	Result	RL	Units	Analysis D	ate Flag	Dil
Chloride		16887-00-6	121	4.98	mg/kg	04.19.19 20.	31	1
Analytical Me Tech:	ethod: TPH By SW801: ARM	5 Mod				Prep Method: % Moisture:	TX1005P	

Parameter	Cas Number	Result	RL		Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<14.9	14.9		mg/kg	04.13.19 12.30	U	1
Diesel Range Organics (DRO)	C10C28DRO	68.5	14.9		mg/kg	04.13.19 12.30		1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	17.5	14.9		mg/kg	04.13.19 12.30		1
Total TPH	PHC635	86.0	14.9		mg/kg	04.13.19 12.30		1
Surrogate		Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1-Chlorooctane	11	1-85-3	92	%	70-135	04.13.19 12.30		
o-Terphenyl	84	-15-1	91	%	70-135	04.13.19 12.30		





Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Sample Id: Lab Sample Id:	SP-5 @ 6 '' 620782-003		Matrix: Date Collected	Soil 1: 04.09.19 09.47	Date Re	ceived:04.11.19 11.	15
2	od: BTEX by EPA 8021	В			1	ethod: SW5030B	
Tech:	SCM				% Mois	ture:	
Analyst: S	SCM		Date Prep:	04.17.19 08.30	Basis:	Wet Weight	
Seq Number: 3	3086132						
Danamatan		Cos Number	Dogult D	T	¥1	lasta Elas	D:1

Parameter	Cas Number	Result	RL		Units	Analysis Date	Flag	Dil
Benzene	71-43-2	< 0.00199	0.00199		mg/kg	04.17.19 23.38	U	1
Toluene	108-88-3	< 0.00199	0.00199		mg/kg	04.17.19 23.38	U	1
Ethylbenzene	100-41-4	< 0.00199	0.00199		mg/kg	04.17.19 23.38	U	1
m,p-Xylenes	179601-23-1	< 0.00398	0.00398		mg/kg	04.17.19 23.38	U	1
o-Xylene	95-47-6	< 0.00199	0.00199		mg/kg	04.17.19 23.38	U	1
Total Xylenes	1330-20-7	< 0.00199	0.00199		mg/kg	04.17.19 23.38	U	1
Total BTEX		< 0.00199	0.00199		mg/kg	04.17.19 23.38	U	1
			% Recovery	.	.			
Surrogate		Cas Number		Units	Limits	Analysis Date	Flag	
4-Bromofluorobenzene	2	460-00-4	96	%	70-130	04.17.19 23.38		
1,4-Difluorobenzene	:	540-36-3	99	%	70-130	04.17.19 23.38		





Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Sample Id: SP-7 @ 6'' Lab Sample Id: 620782-004		Matrix: Date Collec	Soil cted: 04.09.19 09.43		Date Received:04	.11.19 11.1	5
Analytical Method: Chloride by EF	PA 300				Prep Method: E3	00P	
Tech: CHE					% Moisture:		
Analyst: CHE		Date Prep:	04.19.19 09.40		Basis: We	et Weight	
Seq Number: 3086469							
Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	76.6	4.98	mg/kg	04.19.19 20.37		1
Analytical Method: TPH By SW80	15 Mod				Prep Method: TX	(1005P	
Tech: ARM					% Moisture:		
Analyst: ARM		Date Prep:	04.13.19 09.00		Basis: We	et Weight	
Seq Number: 3085698							
Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<15.0	15.0	mg/kg	04.13.19 12.50	U	1

					00			
Diesel Range Organics (DRO)	C10C28DRO	24.4	15.0		mg/kg	04.13.19 12.50		1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<15.0	15.0		mg/kg	04.13.19 12.50	U	1
Total TPH	PHC635	24.4	15.0		mg/kg	04.13.19 12.50		1
Surrogate			Recovery	Units	Limits	Analysis Date	Flag	
Surrogate		% Cas Number	Recovery	Units	Limits	Analysis Date	Flag	
Surrogate 1-Chlorooctane			Recovery	Units %	Limits 70-135	Analysis Date 04.13.19 12.50	Flag	
5		Cas Number				5	Flag	





Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

I I	SP-7 @ 6 '' d: 620782-004		Matrix: Date Collecte	Soil d: 04.09.19 09.43	Date Rece	ived:04.11.19 11.15	i
Analytical Me Tech:	ethod: BTEX by EPA 802 SCM	1B			Prep Meth % Moistur	od: SW5030B	
Analyst:	SCM		Date Prep:	04.17.19 08.30	Basis:	Wet Weight	
Seq Number:	3086132	Cas Number	Result D	т	Unita Analya	is Data Flag	Di

Parameter	Cas Number	Result	RL		Units	Analysis Date	Flag	Dil
Benzene	71-43-2	< 0.00200	0.00200		mg/kg	04.17.19 23.57	U	1
Toluene	108-88-3	< 0.00200	0.00200		mg/kg	04.17.19 23.57	U	1
Ethylbenzene	100-41-4	< 0.00200	0.00200		mg/kg	04.17.19 23.57	U	1
m,p-Xylenes	179601-23-1	< 0.00400	0.00400		mg/kg	04.17.19 23.57	U	1
o-Xylene	95-47-6	< 0.00200	0.00200		mg/kg	04.17.19 23.57	U	1
Total Xylenes	1330-20-7	< 0.00200	0.00200		mg/kg	04.17.19 23.57	U	1
Total BTEX		< 0.00200	0.00200		mg/kg	04.17.19 23.57	U	1
_			% Recovery					
Surrogate		Cas Number		Units	Limits	Analysis Date	Flag	
1,4-Difluorobenzene	:	540-36-3	101	%	70-130	04.17.19 23.57		
4-Bromofluorobenzene		460-00-4	98	%	70-130	04.17.19 23.57		





Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Sample Id:	SP-9 @ 6''		Matrix:	Soil		Date Received:04.	11.19 11.1	5
Lab Sample Id	d: 620782-005		Date Coll	ected: 04.09.19 09.30				
Analytical Me	ethod: Chloride by EPA	4 300				Prep Method: E30)0P	
Tech:	CHE					% Moisture:		
Analyst:	CHE		Date Prep	: 04.19.19 09.40		Basis: We	t Weight	
Seq Number:	3086469							
Parameter		Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride		16887-00-6	237	5.01	mg/kg	04.19.19 20.44		1

Analytical Method: TPH By SW801	5 Mod				Р	rep Method: TX	1005P	
Tech: ARM					%	6 Moisture:		
Analyst: ARM		Date Prep:	04.13.	19 09.00	В	asis: We	t Weight	
Seq Number: 3085698								
Parameter	Cas Number	Result	RL		Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<15.0	15.0		mg/kg	04.13.19 13.09	U	1
Diesel Range Organics (DRO)	C10C28DRO	29.9	15.0		mg/kg	04.13.19 13.09		1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<15.0	15.0		mg/kg	04.13.19 13.09	U	1
Total TPH	PHC635	29.9	15.0		mg/kg	04.13.19 13.09		1
Surrogate		% Cas Number	Recovery	Units	Limits	Analysis Date	Flag	
1-Chlorooctane	11	1-85-3	97	%	70-135	04.13.19 13.09		
o-Terphenyl	84	-15-1	96	%	70-135	04.13.19 13.09		





Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Sample Id: Lab Sample Id:	SP-9 @ 6'' 620782-005		Matrix: Date Collected	Soil l: 04.09.19 09.30	Date Receiv	ed:04.11.19 11.15	
5	hod: BTEX by EPA 8021 SCM	В			Prep Methoo % Moisture:	l: SW5030B	
100111	SCM		Date Prep:	04.17.19 08.30	Basis:	Wet Weight	
Parameter	3080132	Cas Number	Rosult D	r	Unita Analysia	Data Flag	Di

Parameter	Cas Number	Result	RL		Units	Analysis Date	Flag	Dil
Benzene	71-43-2	< 0.00200	0.00200		mg/kg	04.17.19 12.16	U	1
Toluene	108-88-3	< 0.00200	0.00200		mg/kg	04.17.19 12.16	U	1
Ethylbenzene	100-41-4	< 0.00200	0.00200		mg/kg	04.17.19 12.16	U	1
m,p-Xylenes	179601-23-1	< 0.00400	0.00400		mg/kg	04.17.19 12.16	U	1
o-Xylene	95-47-6	< 0.00200	0.00200		mg/kg	04.17.19 12.16	U	1
Total Xylenes	1330-20-7	< 0.00200	0.00200		mg/kg	04.17.19 12.16	U	1
Total BTEX		< 0.00200	0.00200		mg/kg	04.17.19 12.16	U	1
6			% Recovery	T T	T • • • •		171	
Surrogate		Cas Number		Units	Limits	Analysis Date	Flag	
1,4-Difluorobenzene		540-36-3	102	%	70-130	04.17.19 12.16		
4-Bromofluorobenzene		460-00-4	99	%	70-130	04.17.19 12.16		





Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Sample Id: SP-11 @ 6'' Lab Sample Id: 620782-006		Matrix: Date Collect	Soil ted: 04.09.19 09.25]	Date Received:04	11.19 11.15	5
Analytical Method:Chloride by EPATech:CHEAnalyst:CHESeq Number:3086469	A 300	Date Prep:	04.19.19 09.40	Q	Prep Method: E3 % Moisture: Basis: We	00P et Weight	
Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	68.4	5.01	mg/kg	04.19.19 20.50		1
Analytical Method: TPH By SW801 Tech: ARM Analyst: ARM Seq Number: 3085698	5 Mod	Date Prep:	04.13.19 09.00	Q	Prep Method: TX % Moisture: Basis: We	1005P et Weight	

Cas Number	Result	RL		Units	Analysis Date	Flag	Dil
PHC610	<15.0	15.0		mg/kg	04.13.19 13.28	U	1
C10C28DRO	19.0	15.0		mg/kg	04.13.19 13.28		1
PHCG2835	<15.0	15.0		mg/kg	04.13.19 13.28	U	1
PHC635	19.0	15.0		mg/kg	04.13.19 13.28		1
	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1	11-85-3	100	%	70-135	04.13.19 13.28		
8	34-15-1	101	%	70-135	04.13.19 13.28		
	PHC610 C10C28DRO PHCG2835 PHC635	PHC610 <15.0 C10C28DRO 19.0 PHCG2835 <15.0	PHC610 <15.0 15.0 C10C28DRO 19.0 15.0 PHCG2835 <15.0	PHC610 <15.0 15.0 C10C28DRO 19.0 15.0 PHCG2835 <15.0	PHC610 <15.0 15.0 mg/kg C10C28DRO 19.0 15.0 mg/kg PHCG2835 <15.0	PHC610 <15.0 mg/kg 04.13.19 13.28 C10C28DRO 19.0 15.0 mg/kg 04.13.19 13.28 PHCG2835 <15.0	PHC610 <15.0 15.0 mg/kg 04.13.19 13.28 U C10C28DRO 19.0 15.0 mg/kg 04.13.19 13.28 U PHCG2835 <15.0





Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Sample Id: Lab Sample Id:	SP-11 @ 6'' 620782-006		Matrix: Date Collecte	Soil d: 04.09.19 09.25	Da	ate Received	:04.11.19 11.15	i
2	od: BTEX by EPA 8021	В				ep Method:	SW5030B	
Tech: S	SCM				%	Moisture:		
Analyst: S	SCM		Date Prep:	04.17.19 08.30	Ba	asis:	Wet Weight	
Seq Number: 3	3086132							
Parameter		Cas Number	Result R	а.	Units	Analysis D	ate Flao	Dil

rarameter	Cas Number	Kesuit	KL		Units	Analysis Date	Flag	Dil
Benzene	71-43-2	< 0.00202	0.00202		mg/kg	04.17.19 12.35	U	1
Toluene	108-88-3	< 0.00202	0.00202		mg/kg	04.17.19 12.35	U	1
Ethylbenzene	100-41-4	< 0.00202	0.00202		mg/kg	04.17.19 12.35	U	1
m,p-Xylenes	179601-23-1	< 0.00404	0.00404		mg/kg	04.17.19 12.35	U	1
o-Xylene	95-47-6	< 0.00202	0.00202		mg/kg	04.17.19 12.35	U	1
Total Xylenes	1330-20-7	< 0.00202	0.00202		mg/kg	04.17.19 12.35	U	1
Total BTEX		< 0.00202	0.00202		mg/kg	04.17.19 12.35	U	1
			% Recovery					
Surrogate		Cas Number		Units	Limits	Analysis Date	Flag	
4-Bromofluorobenzene		460-00-4	97	%	70-130	04.17.19 12.35		
1,4-Difluorobenzene		540-36-3	101	%	70-130	04.17.19 12.35		





Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Mesa Verde BS Unit #8

Sample Id: SP-12 @ 6''		Matrix:	Soil	I	Date Received:04.1	1.19 11.1	5
Lab Sample Id: 620782-007		Date Collec	cted: 04.09.19 08.52				
Analytical Method: Chloride by EF	A 300			I	Prep Method: E30	0P	
Tech: CHE				Ģ	% Moisture:		
Analyst: CHE		Date Prep:	04.19.19 09.40	I	Basis: Wet	Weight	
Seq Number: 3086469						C	
Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	108	5.01	mg/kg	04.19.19 20.57		1
Tech: ARM				(% Moisture:		
Analyst:ARMSeq Number:3085698		Date Prep:	04.13.19 09.00			Weight	
Seq Number: 3085698	Cas Number	Date Prep: Result	04.13.19 09.00 RL			t Weight Flag	Dil
Seq Number: 3085698 Parameter	Cas Number PHC610	-]	Basis: Wet	C	Dil
Seq Number: 3085698 Parameter Gasoline Range Hydrocarbons (GRO)		Result	RL	Units	Basis: Wet Analysis Date	Flag	
	PHC610	Result <15.0	RL 15.0	Units mg/kg	Basis: Wet <u>Analysis Date</u> 04.13.19 13.47	Flag	1
Seq Number: 3085698 Parameter Gasoline Range Hydrocarbons (GRO) Diesel Range Organics (DRO)	PHC610 C10C28DRO	Result <15.0 218	RL 15.0 15.0	Units mg/kg mg/kg	Basis: Wet Analysis Date 04.13.19 13.47 04.13.19 13.47	Flag	1

100

110

%

%

70-135

70-135

04.13.19 13.47

04.13.19 13.47

111-85-3

84-15-1

1-Chlorooctane

o-Terphenyl





Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Sample Id: Si Lab Sample Id: 62	P-12 @ 6'' 20782-007		Matrix: Date Collected	Soil d: 04.09.19 08.52	Date Received	1:04.11.19 11.15	
Analytical Metho	d: BTEX by EPA 8021	В			Prep Method:	SW5030B	
Tech: SC	CM				% Moisture:		
Analyst: SC	CM		Date Prep:	04.17.19 08.30	Basis:	Wet Weight	
Seq Number: 30	086132						
Parameter		Cas Number	Result R	L Unit	ts Analysis D	Date Flag	Dil

rarameter	Cas Number	Kesun	KL		Units	Analysis Date	Flag	Dil
Benzene	71-43-2	< 0.00198	0.00198		mg/kg	04.17.19 12.54	U	1
Toluene	108-88-3	< 0.00198	0.00198		mg/kg	04.17.19 12.54	U	1
Ethylbenzene	100-41-4	< 0.00198	0.00198		mg/kg	04.17.19 12.54	U	1
m,p-Xylenes	179601-23-1	< 0.00397	0.00397		mg/kg	04.17.19 12.54	U	1
o-Xylene	95-47-6	< 0.00198	0.00198		mg/kg	04.17.19 12.54	U	1
Total Xylenes	1330-20-7	< 0.00198	0.00198		mg/kg	04.17.19 12.54	U	1
Total BTEX		< 0.00198	0.00198		mg/kg	04.17.19 12.54	U	1
Surrogate		Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1,4-Difluorobenzene		540-36-3	102	%	70-130	04.17.19 12.54		
4-Bromofluorobenzene		460-00-4	97	%	70-130	04.17.19 12.54		





Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Sample Id: SP-13 @ 6'' Lab Sample Id: 620782-008		Matrix: Date Collec	Soil cted: 04.09.19 08.56		Date Received:04.1	1.19 11.1	5
Analytical Method: Chloride by EPA	A 300				Prep Method: E30	OP	
Tech: CHE					% Moisture:		
Analyst: CHE		Date Prep:	04.19.19 09.40		Basis: Wet	Weight	
Seq Number: 3086469							
Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	682	24.8	mg/kg	04.19.19 21.03		5
Analytical Method: TPH By SW801 Tech: ARM Analyst: ARM Seq Number: 3085698	5 Mod	Date Prep:	04.13.19 09.00		Prep Method: TX % Moisture: Basis: Wet	1005P : Weight	
Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<14.9	14.9	mg/kg	04.13.19 14.07	U	1
Diesel Range Organics (DRO)	C10C28DRO	217	14.9	mg/kg	04.13.19 14.07		1

Motor Oil Range Hydrocarbons (MRO) Total TPH	PHCG2835 PHC635	17.1 234	14.9 14.9		mg/kg mg/kg	04.13.19 14.07 04.13.19 14.07		1 1
Surrogate		Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
l-Chlorooctane o-Terphenyl		111-85-3 84-15-1	95 110	% %	70-135 70-135	04.13.19 14.07 04.13.19 14.07		





Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Sample Id: SP-13 @ 6 Lab Sample Id: 620782-008		Matrix: Date Collecte	Soil d: 04.09.19 08.56	Date Recei	ved:04.11.19 11.15
Analytical Method: BTEX Tech: SCM	by EPA 8021B			Prep Metho % Moisture	od: SW5030B
Analyst: SCM		Date Prep:	04.17.19 08.30	Basis:	Wet Weight
Seq Number: 3086132	Cos Number	Docult 1	NT	T	

Parameter	Cas Number	Result	RL		Units	Analysis Date	Flag	Dil
Benzene	71-43-2	< 0.00201	0.00201		mg/kg	04.17.19 13.13	U	1
Toluene	108-88-3	< 0.00201	0.00201		mg/kg	04.17.19 13.13	U	1
Ethylbenzene	100-41-4	< 0.00201	0.00201		mg/kg	04.17.19 13.13	U	1
m,p-Xylenes	179601-23-1	< 0.00402	0.00402		mg/kg	04.17.19 13.13	U	1
o-Xylene	95-47-6	< 0.00201	0.00201		mg/kg	04.17.19 13.13	U	1
Total Xylenes	1330-20-7	< 0.00201	0.00201		mg/kg	04.17.19 13.13	U	1
Total BTEX		< 0.00201	0.00201		mg/kg	04.17.19 13.13	U	1
			% Recovery					
Surrogate		Cas Number		Units	Limits	Analysis Date	Flag	
4-Bromofluorobenzene		460-00-4	98	%	70-130	04.17.19 13.13		
1,4-Difluorobenzene		540-36-3	102	%	70-130	04.17.19 13.13		





Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Sample Id:	SP-15 @ 6''		Matrix:	Soil]	Date Received:04.	11.19 11.1	5
Lab Sample I	d: 620782-009		Date Coll	ected: 04.09.19 10.09				
Analytical M	ethod: Chloride by El	PA 300]	Prep Method: E30)0P	
Tech:	CHE					% Moisture:		
Analyst:	CHE		Date Prep	: 04.19.19 12.00	i	Basis: We	t Weight	
Seq Number:	3086451							
Parameter		Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride		16887-00-6	127	5.00	mg/kg	04.19.19 17.36		1

Analytical Method: TPH By SW801:	5 Mod				Р	rep Method: TX1	005P	
Tech: ARM					%	6 Moisture:		
Analyst: ARM		Date Prep:	04.13.	19 09.00	В	asis: Wet	Weight	
Seq Number: 3085698								
Parameter	Cas Number	Result	RL		Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<14.9	14.9		mg/kg	04.13.19 14.26	U	1
Diesel Range Organics (DRO)	C10C28DRO	1060	14.9		mg/kg	04.13.19 14.26		1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	17.9	14.9		mg/kg	04.13.19 14.26		1
Total TPH	PHC635	1080	14.9		mg/kg	04.13.19 14.26		1
Surrogate	(% Cas Number	6 Recovery	Units	Limits	Analysis Date	Flag	
1-Chlorooctane	11	1-85-3	96	%	70-135	04.13.19 14.26		
o-Terphenyl	84	-15-1	123	%	70-135	04.13.19 14.26		





Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Sample Id: Lab Sample Id	SP-15 @ 6'' d: 620782-009		Matrix: Date Collecte	Soil ed: 04.09.19 10.09	D	Date Received	1:04.11.19 11.15	5
Analytical Me	ethod: BTEX by EPA 802	21B			Р	rep Method:	SW5030B	
Tech:	SCM				%	Moisture:		
Analyst:	SCM		Date Prep:	04.17.19 08.30	В	asis:	Wet Weight	
Seq Number:	3086132							
Parameter		Cas Number	Result F	8L	Units	Analysis D	ate Flag	Dil

T di dificter	Cas Mulliber	Result	KL		Units	Analysis Date	Flag	Dii
Benzene	71-43-2	< 0.00199	0.00199		mg/kg	04.17.19 13.32	U	1
Toluene	108-88-3	< 0.00199	0.00199		mg/kg	04.17.19 13.32	U	1
Ethylbenzene	100-41-4	< 0.00199	0.00199		mg/kg	04.17.19 13.32	U	1
m,p-Xylenes	179601-23-1	< 0.00398	0.00398		mg/kg	04.17.19 13.32	U	1
o-Xylene	95-47-6	< 0.00199	0.00199		mg/kg	04.17.19 13.32	U	1
Total Xylenes	1330-20-7	< 0.00199	0.00199		mg/kg	04.17.19 13.32	U	1
Total BTEX		< 0.00199	0.00199		mg/kg	04.17.19 13.32	U	1
Surrogate		Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1,4-Difluorobenzene		540-36-3	99	%	70-130	04.17.19 13.32		
4-Bromofluorobenzene		460-00-4	93	%	70-130	04.17.19 13.32		





Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Mesa Verde BS Unit #8

Sample Id: SP-16 @ 6'' Lab Sample Id: 620782-010		Matrix: Date Collec	Soil cted: 04.09.19 11.00	Date Received:04.11.19 11.15
Analytical Method: Chloride by EPA Tech: CHE Analyst: CHE Seq Number: 3086451	. 300	Date Prep:	04.19.19 12.00	Prep Method: E300P % Moisture: Basis: Wet Weight
Parameter	Cas Number	Result	RL	Units Analysis Date Flag Dil
Chloride	16887-00-6	1200	25.2	mg/kg 04.19.19 17.56 5
Analytical Method: TPH By SW8015 Tech: ARM Analyst: ARM Seq Number: 3085698	5 Mod	Date Prep:	04.13.19 09.00	Prep Method: TX1005P % Moisture: Basis: Wet Weight
Parameter	Cas Number	Result	RL	Units Analysis Date Flag Dil

						e e	0	
Gasoline Range Hydrocarbons (GRO)	PHC610	<15.0	15.0		mg/kg	04.13.19 14.46	U	1
Diesel Range Organics (DRO)	C10C28DRO	3230	15.0		mg/kg	04.13.19 14.46		1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	1120	15.0		mg/kg	04.13.19 14.46	Е	1
Total TPH	PHC635	4350	15.0		mg/kg	04.13.19 14.46		1
		%	Recovery					
Surrogate		Cas Number		Units	Limits	Analysis Date	Flag	
1-Chlorooctane		111-85-3	106	%	70-135	04.13.19 14.46		
o-Terphenyl		84-15-1	127	%	70-135	04.13.19 14.46		





Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Mesa Verde BS Unit #8

Sample Id: SP-16 @ 6'' Lab Sample Id: 620782-010		Matrix: Date Collecte	Soil ed: 04.09.19 11.00	Date Rece	ived:04.11.19 11.15	
Analytical Method: BTEX by EPA Tech: SCM	8021B			Prep Meth % Moistu	nod: SW5030B	
Analyst: SCM Seq Number: 3086132		Date Prep:	04.17.19 08.30	Basis:	Wet Weight	
Parameter	Cas Number	Result 5	81.	Units Analys	sis Date Flao	Dil

Parameter	Cas Number	Kesult	RL		Units	Analysis Date	Flag	Dil
Benzene	71-43-2	< 0.00200	0.00200		mg/kg	04.17.19 13.51	U	1
Toluene	108-88-3	< 0.00200	0.00200		mg/kg	04.17.19 13.51	U	1
Ethylbenzene	100-41-4	< 0.00200	0.00200		mg/kg	04.17.19 13.51	U	1
m,p-Xylenes	179601-23-1	< 0.00401	0.00401		mg/kg	04.17.19 13.51	U	1
o-Xylene	95-47-6	< 0.00200	0.00200		mg/kg	04.17.19 13.51	U	1
Total Xylenes	1330-20-7	< 0.00200	0.00200		mg/kg	04.17.19 13.51	U	1
Total BTEX		< 0.00200	0.00200		mg/kg	04.17.19 13.51	U	1
Surrogate		Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
4-Bromofluorobenzene		460-00-4	105	%	70-130	04.17.19 13.51		
1,4-Difluorobenzene		540-36-3	105	%	70-130	04.17.19 13.51		





Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Mesa Verde BS Unit #8

Sample Id: SP-17 @ 6''		Matrix:	Soil]	Date Received:04.1	11.19 11.1	5
Lab Sample Id: 620782-011		Date Collec	cted: 04.09.19 10.45				
Analytical Method: Chloride by EF	PA 300]	Prep Method: E30	0P	
Tech: CHE				Ģ	% Moisture:		
Analyst: CHE		Date Prep:	04.19.19 12.00]	Basis: Wet	t Weight	
Seq Number: 3086451						C	
Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	206	4.99	mg/kg	04.19.19 18.02		1
Analytical Method:TPH By SW80Tech:ARMAnalyst:ARMSeq Number:3085698	10 1104	Date Prep:	04.13.19 09.00	Q	Prep Method: TX1 % Moisture: Basis: Wet	t Weight	
Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<15.0	15.0	mg/kg	04.13.19 15.45	U	
Diesel Range Organics (DRO)		59.6	15.0	mg/kg	04.13.19 15.45		1
	C10C28DRO	39.0	15.0	mg/kg	01.15.17 15.15		1 1
Motor Oil Range Hydrocarbons (MRO)	C10C28DRO PHCG2835	89.8	15.0	mg/kg	04.13.19 15.45		
Motor Oil Range Hydrocarbons (MRO) Total TPH				00			

91

91

%

%

70-135

70-135

04.13.19 15.45

04.13.19 15.45

111-85-3

84-15-1

1-Chlorooctane

o-Terphenyl





Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Mesa Verde BS Unit #8

Sample Id: SP-17 @ 6'' Lab Sample Id: 620782-011		Matrix: Date Collecte	Soil ed: 04.09.19 10.45	Date Received:04.11.19 11.15				
Analytical Method: BTEX by EP	A 8021B			Prep Metho	od: SW5030B			
Tech: SCM				% Moistur	e:			
Analyst: SCM		Date Prep:	04.17.19 08.30	Basis:	Wet Weight			
Seq Number: 3086132								
Parameter	Cas Number	Result 4	21.	Units Analys	is Data Flag	Dil		

rarameter	Cas Number	Kesuit	KL		Units	Analysis Date	Flag	Dil
Benzene	71-43-2	< 0.00200	0.00200		mg/kg	04.17.19 14.10	U	1
Toluene	108-88-3	< 0.00200	0.00200		mg/kg	04.17.19 14.10	U	1
Ethylbenzene	100-41-4	< 0.00200	0.00200		mg/kg	04.17.19 14.10	U	1
m,p-Xylenes	179601-23-1	< 0.00399	0.00399		mg/kg	04.17.19 14.10	U	1
o-Xylene	95-47-6	< 0.00200	0.00200		mg/kg	04.17.19 14.10	U	1
Total Xylenes	1330-20-7	< 0.00200	0.00200		mg/kg	04.17.19 14.10	U	1
Total BTEX		< 0.00200	0.00200		mg/kg	04.17.19 14.10	U	1
G			% Recovery		.			
Surrogate		Cas Number		Units	Limits	Analysis Date	Flag	
4-Bromofluorobenzene		460-00-4	102	%	70-130	04.17.19 14.10		
1,4-Difluorobenzene		540-36-3	102	%	70-130	04.17.19 14.10		



Surrogate

o-Terphenyl

1-Chlorooctane

Certificate of Analytical Results 620782



Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Mesa Verde BS Unit #8

Sample Id: SP-19 @ 6" Lab Sample Id: 620782-012		Matrix: Date Colle	Soil cted: 04.09.19 10.30]	Date Received:04.1	11.19 11.1	5
Analytical Method: Chloride by EF	PA 300			I	Prep Method: E30	0P	
Tech: CHE				ç	% Moisture:		
Analyst: CHE		Date Prep:	04.19.19 12.00]	Basis: Wet	t Weight	
Seq Number: 3086451		Ĩ					
Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	1010	25.0	mg/kg	04.19.19 18.09		5
Analytical Method:TPH By SW80Tech:ARMAnalyst:ARMSeq Number:3085698	15 Mod	Date Prep:	04.13.19 09.00	Ģ	Prep Method: TX % Moisture: 3asis: Wet	t Weight	
Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<15.0	15.0	mg/kg	04.13.19 16.04	U	1
Diesel Range Organics (DRO)	C10C28DRO	706	15.0	mg/kg	04.13.19 16.04		1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	130	15.0	mg/kg	04.13.19 16.04		1
Total TPH	PHC635	836	15.0	mg/kg	04.13.19 16.04		1
Surrogate		% Cas Number	Recovery	Limits	Analysis Date	Flag	

Units

%

%

97

116

Limits

70-135

70-135

Cas Number

111-85-3

84-15-1

Analysis Date

04.13.19 16.04

04.13.19 16.04

Flag





Trinity Oilfield Services & Rentals, LLC, Hobbs, NM

Mesa Verde BS Unit #8

Sample Id: Lab Sample Id	SP-19 @ 6'' d: 620782-012		Matrix: Date Collecte	Soil d: 04.09.19 10.30	D	ate Received	04.11.19 11.15	5
Analytical Me	ethod: BTEX by EPA 802	21B			Pı	ep Method:	SW5030B	
Tech:	SCM				%	Moisture:		
Analyst:	SCM		Date Prep:	04.17.19 08.30	B	asis:	Wet Weight	
Seq Number:	3086132							
Parameter		Cas Number	Result F	RL	Units	Analysis Da	ite Flag	Dil

1 al alletel	Cas Nulliber	Kesuit	KL		Units	Analysis Date	riag	DII
Benzene	71-43-2	< 0.00202	0.00202		mg/kg	04.17.19 15.24	U	1
Toluene	108-88-3	< 0.00202	0.00202		mg/kg	04.17.19 15.24	U	1
Ethylbenzene	100-41-4	< 0.00202	0.00202		mg/kg	04.17.19 15.24	U	1
m,p-Xylenes	179601-23-1	< 0.00403	0.00403		mg/kg	04.17.19 15.24	U	1
o-Xylene	95-47-6	< 0.00202	0.00202		mg/kg	04.17.19 15.24	U	1
Total Xylenes	1330-20-7	< 0.00202	0.00202		mg/kg	04.17.19 15.24	U	1
Total BTEX		< 0.00202	0.00202		mg/kg	04.17.19 15.24	U	1
Surrogate		Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
8						2	Tiag	
1,4-Difluorobenzene		540-36-3	100	%	70-130	04.17.19 15.24		
4-Bromofluorobenzene		460-00-4	92	%	70-130	04.17.19 15.24		



LABORATORIES

Flagging Criteria



Page 115 of 225

- X In our quality control review of the data a QC deficiency was observed and flagged as noted. MS/MSD recoveries were found to be outside of the laboratory control limits due to possible matrix /chemical interference, or a concentration of target analyte high enough to affect the recovery of the spike concentration. This condition could also affect the relative percent difference in the MS/MSD.
- **B** A target analyte or common laboratory contaminant was identified in the method blank. Its presence indicates possible field or laboratory contamination.
- **D** The sample(s) were diluted due to targets detected over the highest point of the calibration curve, or due to matrix interference. Dilution factors are included in the final results. The result is from a diluted sample.
- **E** The data exceeds the upper calibration limit; therefore, the concentration is reported as estimated.
- **F** RPD exceeded lab control limits.
- J The target analyte was positively identified below the quantitation limit and above the detection limit.
- U Analyte was not detected.
- L The LCS data for this analytical batch was reported below the laboratory control limits for this analyte. The department supervisor and QA Director reviewed data. The samples were either reanalyzed or flagged as estimated concentrations.
- **H** The LCS data for this analytical batch was reported above the laboratory control limits. Supporting QC Data were reviewed by the Department Supervisor and QA Director. Data were determined to be valid for reporting.
- **K** Sample analyzed outside of recommended hold time.
- **JN** A combination of the "N" and the "J" qualifier. The analysis indicates that the analyte is "tentatively identified" and the associated numerical value may not be consistent with the amount actually present in the environmental sample.
- ** Surrogate recovered outside laboratory control limit.
- **BRL** Below Reporting Limit.
- RL Reporting Limit
- MDL Method Detection LimitSDLSample Detection LimitLOD Limit of Detection
- PQL Practical Quantitation Limit MQL Method Quantitation Limit LOQ Limit of Quantitation
- DL Method Detection Limit
- NC Non-Calculable

SMP Clie	ent Sample	BLK	Method Blank	
BKS/LCS	S Blank Spike/Laboratory Control Sample	BKSD/LCSD	Blank Spike Duplicate/Labo	ratory Control Sample Duplicate
MD/SD	Method Duplicate/Sample Duplicate	MS	Matrix Spike	MSD: Matrix Spike Duplicate

+ NELAC certification not offered for this compound.

* (Next to analyte name or method description) = Outside XENCO's scope of NELAC accreditation



Trinity Oilfield Services & Rentals, LLC

Mesa Verde BS Unit #8

•	Chloride by EPA 3	00		N	0.1.1			Prep Method: E300P	
Seq Number:	3086191			Matrix:	7676024-	1-BKS		Date Prep: 04.17.19 LCSD Sample Id: 7676024-1-BSD	
MB Sample Id:	7676024-1-BLK	a n		•				*	
Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD RPD Limit Units Analysis Date	Flag
Chloride	<0.858	250	249	100	252	101	90-110	1 20 mg/kg 04.17.19 23:20	
-	Chloride by EPA 3	00						Prep Method: E300P	
Seq Number:	3086469			Matrix:		DVG		Date Prep: 04.19.19	
MB Sample Id:	7676193-1-BLK			-	7676193-	I-BKS		LCSD Sample Id: 7676193-1-BSD	
Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD RPD Limit Units Analysis Date	Flag
Chloride	1.39	250	254	102	253	101	90-110	0 20 mg/kg 04.19.19 17:56	
Analytical Method: Seq Number:	Chloride by EPA 3 3086451	00		Matrix:	Solid			Prep Method: E300P Date Prep: 04.19.19	
MB Sample Id:	7676196-1-BLK				7676196-	1-BKS		LCSD Sample Id: 7676196-1-BSD	
Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	• % DDD DDD Limit Units Analysis	Flag
Chloride	<0.858	250	272	109	269	108	90-110	1 20 mg/kg 04.19.19 17:23	
Analytical Method: Seq Number: Parent Sample Id:	Chloride by EPA 3 3086191 620782-002	00		Matrix: nple Id:	Soil 620782-0	02 S		Prep Method: E300P Date Prep: 04.17.19 MSD Sample Id: 620782-002 SD	
D	Parent	Spike	MS	MS	MSD	MSD	Limits	%RPD RPD Limit Units Analysis	

Parent Sample Id:	Parent Sample Id: 620782-002				620782-00)2 S		MS	D Sample	e Id: 6207	/82-002 SD	
Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Lim	uit Units	Analysis Date	Flag
Chloride	279	250	514	94	507	91	90-110	1	20	mg/kg	04.18.19 17:07	

Analytical Method:	Chloride by EPA 30)0						Р	rep Meth	od: E30	0P	
Seq Number:	3086191			Matrix:	Soil				Date Pr	ep: 04.1	7.19	
Parent Sample Id:	620948-004		MS San	nple Id:	620948-00)4 S		MS	D Sampl	e Id: 6209	948-004 SD	
Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Lin	nit Units	Analysis Date	Flag
Chloride	2.16	252	254	100	258	102	90-110	2	20	mg/kg	04.17.19 23:40	

MS/MSD Percent Recovery Relative Percent Difference LCS/LCSD Recovery Log Difference [D] = 100*(C-A) / B RPD = 200* | (C-E) / (C+E) | [D] = 100 * (C) / [B] Log Diff. = Log(Sample Duplicate) - Log(Original Sample) LCS = Laboratory Control Sample A = Parent Result C = MS/LCS Result E = MSD/LCSD Result MS = Matrix Spike B = Spike Added D = MSD/LCSD % Rec

.

Page 32 of 39



Analytical Method: Chloride by EPA 300

TORIES

Prep Method: E300P

Trinity Oilfield Services & Rentals, LLC

Mesa Verde BS Unit #8

Seq Number:	3086469	y LIA S			Matrix:	Soil				Date Pi			
Parent Sample Id:	621004-003			MS San	nple Id:	621004-00)3 S				-	004-003 SD	
Parameter		Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD I	RPD Lin	nit Units	Analysis Date	Flag
Chloride		19.3	250	196	71	269	100	90-110	31	20	mg/kg	04.19.19 18:16	XF
Analytical Method:	Chloride by	y EPA 3()0							p Meth		0P	
Seq Number: Parent Sample Id:	3086469 621045-001				Matrix: nple Id:	Soil 621045-00	01 S			Date Pi Sampl	-	9.19 045-001 SD	
Parameter		Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD F	RPD Lin	nit Units	Analysis Date	Flag
Chloride		178	248	256	31	366	7 6 Rec	90-110	35	20	mg/kg	04.22.19 11:04	XF
Analytical Method:	Chloride by	y EPA 3()0						Pre	p Meth	od: E30	0P	
Seq Number:	3086451				Matrix:					Date Pr	-		
Parent Sample Id:	620782-009		G . 1		-	620782-00		T • • • • •		-		782-009 SD	
Parameter		Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD F	CPD Lin	nit Units	Analysis Date	Flag
Chloride		127	250	339	85	334	83	90-110	1	20	mg/kg	04.19.19 17:43	Х
Analytical Method:		y EPA 3()0							ep Meth			
Seq Number:	3086451				Matrix:	Soil 621142-00	13 8			Date Pi	•	9.19 142-003 SD	
Parent Sample Id: Parameter	621142-003	Parent	Spike	MS	MS	MSD	MSD	Limits	%RPD F	-		Analysis	Flag
Chloride		Result 6.85	Amount 250	Result 279	%Rec 109	Result 260	%Rec 101	90-110	7	20	mg/kg	Date 04.19.19 19:14	8
Analytical Method:	TPH By SV	V8015 M	bo						Dre	p Meth	od TX1	.005P	
Seq Number:	3085698	0015 10	Ju		Matrix:	Solid				Date Pi			
MB Sample Id:	7675750-1-	BLK		LCS Sar	nple Id:	7675750-1	-BKS		LCSD	Sampl	e Id: 767	5750-1-BSD	
Parameter		MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD I	RPD Lin	nit Units	Analysis Date	Flag
Gasoline Range Hydrocarb		<8.00	1000	928	93	966	97	70-135	4	20	mg/kg	04.13.19 10:34	
Diesel Range Organics	(DRO)	<8.13	1000	965	97	987	99	70-135	2	20	mg/kg	04.13.19 10:34	
Surrogate		MB %Rec	MB Flag		CS Rec	LCS Flag	LCSI %Re			nits	Units	Analysis Date	
1-Chlorooctane o-Terphenyl		106		1	23		124		70-	135	%	04.13.19 10:34	
		107			20		119			135	%	04.13.19 10:34	

MS/MSD Percent Recovery Relative Percent Difference LCS/LCSD Recovery Log Difference [D] = 100*(C-A) / B RPD = 200* | (C-E) / (C+E) | [D] = 100 * (C) / [B] Log Diff. = Log(Sample Duplicate) - Log(Original Sample) LCS = Laboratory Control Sample A = Parent Result C = MS/LCS Result E = MSD/LCSD Result MS = Matrix Spike B = Spike Added D = MSD/LCSD % Rec

.

Page 33 of 39



ORATORIES

QC Summary 620782

Trinity Oilfield Services & Rentals, LLC

Mesa Verde BS Unit #8

Analytical Method:	TPH By S	W8015 M	lod]	Prep Method	l: TX1	005P	
Seq Number:	3085698				Matrix:	Soil				Date Prep	b: 04.1	3.19	
Parent Sample Id:	620782-00	1		MS San	nple Id:	620782-00	01 S		Μ	SD Sample l	ld: 620'	782-001 SD	
Parameter		Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPI	ORPD Limit	Units	Analysis Date	Flag
Gasoline Range Hydrocarbo	ons (GRO)	<7.99	999	1010	101	1040	104	70-135	3	20	mg/kg	04.13.19 11:32	
Diesel Range Organics ((DRO)	124	999	1220	110	1240	112	70-135	2	20	mg/kg	04.13.19 11:32	
Surrogate					AS Rec	MS Flag	MSI %Re			Limits	Units	Analysis Date	
1-Chlorooctane				1	24		128			70-135	%	04.13.19 11:32	
o-Terphenyl				1	16		119			70-135	%	04.13.19 11:32	

Analytical Method: Seq Number: MB Sample Id:	BTEX by EPA 8021 3085867 7675871-1-BLK	B] LCS San	Matrix: nple Id:	Solid 7675871-3	1-BKS			Prep Metho Date Pre SD Sample	ep: 04.1	5030B 6.19 5871-1-BSD	
Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPI) RPD Limi	it Units	Analysis Date	Flag
Benzene	< 0.000387	0.101	0.0990	98	0.0994	100	70-130	0	35	mg/kg	04.16.19 08:57	
Toluene	< 0.000458	0.101	0.0996	99	0.100	100	70-130	0	35	mg/kg	04.16.19 08:57	
Ethylbenzene	< 0.000568	0.101	0.0914	90	0.0918	92	70-130	0	35	mg/kg	04.16.19 08:57	
m,p-Xylenes	< 0.00102	0.201	0.182	91	0.182	91	70-130	0	35	mg/kg	04.16.19 08:57	
o-Xylene	< 0.000346	0.101	0.0919	91	0.0921	92	70-130	0	35	mg/kg	04.16.19 08:57	
Surrogate	MB %Rec	MB Flag		CS Rec	LCS Flag	LCSI %Ree			Limits	Units	Analysis Date	
1,4-Difluorobenzene	90		10	00		101		,	70-130	%	04.16.19 08:57	
4-Bromofluorobenzene	82		9	95		96			70-130	%	04.16.19 08:57	

Analytical Method: Seq Number: MB Sample Id:	BTEX by EPA 8021 3086132 7676055-1-BLK	В	l LCS San	Matrix: ple Id:	Solid 7676055-1	1-BKS			Prep Metho Date Pre SD Sample	p: 04.1	5030B 7.19 6055-1-BSD	
Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPI	O RPD Limi	t Units	Analysis Date	Flag
Benzene	< 0.000383	0.0994	0.0929	93	0.0939	94	70-130	1	35	mg/kg	04.17.19 09:27	
Toluene	< 0.000453	0.0994	0.0930	94	0.0943	94	70-130	1	35	mg/kg	04.17.19 09:27	
Ethylbenzene	< 0.000561	0.0994	0.0858	86	0.0868	87	70-130	1	35	mg/kg	04.17.19 09:27	
m,p-Xylenes	< 0.00101	0.199	0.169	85	0.172	86	70-130	2	35	mg/kg	04.17.19 09:27	
o-Xylene	< 0.000342	0.0994	0.0856	86	0.0871	87	70-130	2	35	mg/kg	04.17.19 09:27	
Surrogate	MB %Rec	MB Flag		CS Rec	LCS Flag	LCSI %Re			Limits	Units	Analysis Date	
1,4-Difluorobenzene	92		10	00		100			70-130	%	04.17.19 09:27	
4-Bromofluorobenzene	86		9	5		94			70-130	%	04.17.19 09:27	

MS/MSD Percent Recovery Relative Percent Difference LCS/LCSD Recovery Log Difference [D] = 100*(C-A) / B RPD = 200* | (C-E) / (C+E) | [D] = 100 * (C) / [B] Log Diff. = Log(Sample Duplicate) - Log(Original Sample) LCS = Laboratory Control Sample A = Parent Result C = MS/LCS Result E = MSD/LCSD Result MS = Matrix Spike B = Spike Added D = MSD/LCSD % Rec

.



Trinity Oilfield Services & Rentals, LLC

Mesa Verde BS Unit #8

Analytical Method: Seq Number: Parent Sample Id:	BTEX by EPA 802 3085867 621040-001	lB	MS San	Matrix: nple Id:		01 S			Prep Metho Date Pro SD Sample	ep: 04.1	5030B 6.19 040-001 SD	
Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPE	RPD Lim	it Units	Analysis Date	Flag
Benzene	< 0.000383	0.0994	0.0887	89	0.0929	93	70-130	5	35	mg/kg	04.16.19 09:35	
Toluene	< 0.000453	0.0994	0.0894	90	0.0929	93	70-130	4	35	mg/kg	04.16.19 09:35	
Ethylbenzene	< 0.000561	0.0994	0.0827	83	0.0842	84	70-130	2	35	mg/kg	04.16.19 09:35	
m,p-Xylenes	< 0.00101	0.199	0.163	82	0.167	84	70-130	2	35	mg/kg	04.16.19 09:35	
o-Xylene	< 0.000342	0.0994	0.0831	84	0.0850	85	70-130	2	35	mg/kg	04.16.19 09:35	
Surrogate				1S Rec	MS Flag	MSD %Ree		-	Limits	Units	Analysis Date	
1,4-Difluorobenzene			1	01		102		7	0-130	%	04.16.19 09:35	
4-Bromofluorobenzene			9	97		102		7	0-130	%	04.16.19 09:35	

Analytical Method:	BTEX by EPA 8021	B						I	Prep Metho	d: SW:	5030B	
Seq Number:	3086132		Ν	Matrix:	Soil				Date Pre	p: 04.1	7.19	
Parent Sample Id:	620782-002		MS Sam	ple Id:	620782-00	02 S		MS	SD Sample	Id: 620	782-002 SD	
Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limi	t Units	Analysis Date	Flag
Benzene	< 0.000384	0.0998	0.0658	66	0.0470	47	70-130	33	35	mg/kg	04.17.19 22:05	Х
Toluene	0.00215	0.0998	0.0531	51	0.0364	34	70-130	37	35	mg/kg	04.17.19 22:05	XF
Ethylbenzene	0.00608	0.0998	0.0434	37	0.0311	25	70-130	33	35	mg/kg	04.17.19 22:05	Х
m,p-Xylenes	0.0494	0.200	0.115	33	0.0956	23	70-130	18	35	mg/kg	04.17.19 22:05	Х
o-Xylene	0.0409	0.0998	0.0732	32	0.0643	23	70-130	13	35	mg/kg	04.17.19 22:05	Х
Surrogate			M %1	IS Rec	MS Flag	MSD %Re			Limits	Units	Analysis Date	
1,4-Difluorobenzene			10)4		105		7	0-130	%	04.17.19 22:05	
4-Bromofluorobenzene			12	26		126		7	0-130	%	04.17.19 22:05	

MS/MSD Percent Recovery Relative Percent Difference LCS/LCSD Recovery Log Difference [D] = 100*(C-A) / B RPD = 200* | (C-E) / (C+E) | [D] = 100 * (C) / [B] Log Diff. = Log(Sample Duplicate) - Log(Original Sample) LCS = Laboratory Control Sample A = Parent Result C = MS/LCS Result E = MSD/LCSD Result MS = Matrix Spike B = Spike Added D = MSD/LCSD % Rec

.

mpany:	Trinity Oilfield Services & Rent	als, LLC		Phone:	(575)3	90-720	08	TAT W	ork Day	rs = D	Need re	esults b		illable H		Time	ə:	_	PA Plastic Amber PC Plastic PC Plastic Clear Other	k Bag Clear
dress:	P.O. Box 2587	:		Fax:												Other		s	Size(s): 2oz, 4oz, 8oz, 16oz, 32oz , 1Gal 40ml, 125 ml, 250 ml, 500 ml, 1L, Other	
y:	Hobbs		State: NM	Zip:	88241								es re						** Preservative Type C	
l/Attn:	Ben J. Arguijo		Email: wad ben@trinit				C	Cont Type * VC	GC	GC	GC		1.			Ι			A. None E. HCL I. Ice B. HNO3 F. MeOH J. MCAA	
ject ID:	Mesa Verde BS Unit #8	· · · · · · · · · · · · · · · · · · ·		PO#:				res Type**		1								(C.H₂SÕ₄ G.Na₂S₂O₃ K.ZnAc&N D.NaOH H.NaHSO₄ L.AsbcAa	√aOH .cid&NaC
oice To:	Oxy - Wade Dittrich (575)390-2	2828		Quote #	:			60	_									PAH My if	0	
mpler Na niel Rasl			Event: Daily Semi-Annual			ly		Example Volatiles by 8260	8015M	×	ep						amste	ung t	Matrix Type Cod GW Ground Water S Soil/Sedi WW Waste Water W Wipe	
						823	5 2	Example tiles by 8	TPH 8	втех	Chloride							() eet TP)	DW Drinking Water A Air SW Surface Water O Oil OW Ocean/Sea Water T Tissue	
campic #	Sample ID	Collect Date	Collect Time	Matrix Code ^	Field	Integri OK (Y)		Vola	Ч , ч									CALL n High	PL Product-Liquid U Urine PS Product-Solid B Blood SL Sludge	
5								# Cont	Lab Only	 /:	I	I		1	<u> </u>	I		5 8	REMARKS	
1	SP-1 @ 6"	4/9/19	0958	s			1		х	X	X				1 .				· · · · · · · · · · · · · · · · · · ·	
2	SP-3 @ 6"	4/9/19	0949	S			1		Х	X	X		· · .		-				······································	
3	SP-5 @ 6"	4/9/19	0947	s			1		х	X	X									
4	SP-7 @ 6"	4/9/19	0943	s			1		X	X	x									
5	SP-9 @ 6"	4/9/19	0930	S			1		Х	X	X									
6	SP-11 @ 6"	4/9/19	0925	s			1		Х	X	Х								······································	
7	SP-12 @ 6"	4/9/19	0852	s		-	1		X	X	X									
8	SP-13 @ 6"	4/9/19	0856	s		·	1		х	X	X								· ·	
9	SP-15 @ 6"	4/9/19	1009	s			1		х	X	X									
0	SP-16 @ 6"	4/9/19	1100	S		· .	1		х	X	X									
	Program / Clean-up Std		for Certs 8					& Certifi			EDDs			Labels		the second second second	Temp °C			S NO
s irr n: i	P DW NPDES LPST DryCln	LA AL NM			NELAC	DoD-		CHIMIN THE PROPERTY OF THE PROPERTY OF		XLS Oth		-	Absent	Incomplete Unclear	11_	12	_3		Non-Conformances found? Samples intact upon arrival?	
T	Relinquished by Buniel Rasler		Affilia		041	Date	4	51 851	le	-ZI		V.		iation	120	ate (O\f	Tim R5	(Received on Wet Ice?	
10	Bitte		$\int m^{\alpha}$	5	U	101	12	101	\overline{a}	Ex.	AN	<u>, , , , , , , , , , , , , , , , , , , </u>	XPX	10	∇''	119	Til		Custody seals intact?	
				\rightarrow		,, .	1				J.J					• • • •			Proper containers used? pH verified-acceptable, excl VOCs?	
	oratories: Hobbs 575-392-	-																	Received on time to meet HTs?	

ompar	Houston: 4143 Greent roool-c			Phone:	/====		T						LAB Field bi			Ula			VP Vial Pre-preserved AC Air Canist GA Glass Amber TB Tedlar Ba GC Glass Clear ZB Zip Lock I PA Plastic Amber PC Plastic C PC Plastic Clear
Idress		IS, LLC		Fax:	(575)	390-720	80	TAT W									e:		Other
ty:	Hobbs		State: NM						Std (5-	7D) 5H						Other_			Size(s): 2oz, 4oz, 8oz, 16oz, 32oz , 1Gai 40mi, 125 ml, 250 ml, 500 ml, 1L, Other_
//Attn			Email: wade	e.dittrich@		om &		Cont Type *				ALYS	es re(QUES	TED	T			** Preservative Type Co
oject	- ·		ben@trinity	/oilfieldse PO#:	rvices.	.com		VC	GC	GC	GC								A. None E. HCL I. Ice B. HNO ₃ F. MeOH J. MCAA C. H ₂ SO ₄ G. Na ₂ S ₂ O ₃ K. ZnAc&Na
voice	Γο:			Quote #	:			Pres Type**		1	1				-			т <i>Е</i>	D. NāOH H. NaĤSÕ₄ L Asbc Acie O
mplei iniel F	Oxy - Wade Dittrich (575)390-28 Name: lasler	Circle One	Event: Daily Semi-Annual		Mont N/A	ihly		nple by 8260	TPH 8015M	втех	ride							Sample Run PAH H Only it	A Matrix Type Code GW Ground Water S Soil/Sedim WW Waste Water W Wipe
# aidiiipo	Sample ID	Collect Date	Collect Time	Matrix Code ^	Field Filtered	(INY) AO OK (Y/N)	to all # of	Example Volatiles by 8260	НЧТ	BT	Chloride							Hold (CALL) of Highest TP	DW Drinking Water A Air SW Surface Water O Oil OW Ocean/Sea Water T Tissue PL Product-Liquid U Urine PS Product-Solid B Blood SL Sludge
š								# Cont	Lab Only	/:									REMARKS
1	SP-17 @ 6"	4/9/19	1045	s			1		Х	x	X								
2	SP-19 @ 6"	4/9/19	1030	s			1		X	x	X								
3																			
4																			2
5																			·
6																	•		
7																			8
8			-														-		
9					<u> </u>														
0	· · · · · · · · · · · · · · · · · · ·											· ·				-			
R	eg. Program / Clean-up Std	STATE	for Certs &	Regs	Q/	VQCL	evel	& Certific	ation		EDDs	1	COC 8	Labels		Coolers	Temp *	Ċ	Lab Use Only YES
.s T ⊧r:	RRP DW NPDES LPST DryCln	FL TX GA LA AL NM	NC SC NJ F Other:	PA OK	-	234 CDoD-		AFCEE Q/ Other:	APP	ADaPT XLS Othe	SEDD I	ERPIMS	Match I Absent	Incomplete Unclear	11,0		3		Non-Conformances found?
+	Relinquished by		Affilia		1	Date		Tim	e	R	eceived		Affili	ation		ate	Stration states	me	Received on Wet Ice?
+	Datel Rasler		Winit	g	04	4 / f		8:51	Y)	K.	-	the	1 m	$\sum_{i=1}^{n}$	141	QIT1	87	2)	Received within holding time?
4	*Dun			\rightarrow	14	101	4	NO	V	HJCH	M_		1 Der	0(9	1411	1119	1115	2	VOCs rec'd w/o headspace? Proper containers used?
+											·					<u></u>			pH verified-acceptable, excl VOCs?
۲ La	aboratories: Hobbs 575-392-7 rvice Centers: Atlanta 770-44	550 Dallas 2	14-902-030	00 Hou	ston	281-24	42-42	200 Ode	ssa 432	u 2-563-18	300 Sai	1 Antor	nio 210-8	509-333	4 Pho	enix 602	1 -437-03	30	C.O.C. Serial #

FIS Service Centers: Atlanta //0-449-8800 Lakeland 863-646-8526 Tampa 803-543-8099 Philadelphia 610-955-5649 South Carolina 803-543-8099 Execution of this document by client creates a legal and binding agreement between client and Xenco for analytical and testing services provided by Xenco to client under Xenco's standard terms and conditions unless previously agreed in writing. Terms of payment are Net 30 Revision Date: Nov 12, 2009

đ ñ



Received by OCD: 12/11/2023 12:16:33 PM



XENCO Laboratories



Prelogin/Nonconformance Report- Sample Log-In

Client: Trinity Oilfield Services & Rentals, LLC Acceptable Temperature Range: 0 - 6 degC Air and Metal samples Acceptable Range: Ambient Date/ Time Received: 04/11/2019 11:15:00 AM Temperature Measuring device used : R8 Work Order #: 620782 Comments Sample Receipt Checklist 1.9 #1 *Temperature of cooler(s)? #2 *Shipping container in good condition? Yes #3 *Samples received on ice? Yes #4 *Custody Seals intact on shipping container/ cooler? N/A #5 Custody Seals intact on sample bottles? N/A #6*Custody Seals Signed and dated? N/A #7 *Chain of Custody present? Yes #8 Any missing/extra samples? No #9 Chain of Custody signed when relinquished/ received? Yes #10 Chain of Custody agrees with sample labels/matrix? Yes #11 Container label(s) legible and intact? Yes #12 Samples in proper container/ bottle? Yes #13 Samples properly preserved? Yes #14 Sample container(s) intact? Yes #15 Sufficient sample amount for indicated test(s)? Yes #16 All samples received within hold time? Yes #17 Subcontract of sample(s)? N/A

#18 Water VOC samples have zero headspace?

* Must be completed for after-hours delivery of samples prior to placing in the refrigerator

Analyst:

PH Device/Lot#:

Checklist completed by: Ballo Tal Brianna Teel Checklist reviewed by: Hely Taylor

Holly Taylor

Date: 04/11/2019

N/A

Date: 04/12/2019



November 22, 2023

DAN DUNKELBERG TRINITY OILFIELD SERVICES & RENTALS, LLC P. O. BOX 2587 HOBBS, NM 88241

RE: MESA VERDE BS UNIT #8

Enclosed are the results of analyses for samples received by the laboratory on 11/20/23 16:33.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. 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 accreditated through the State of Colorado Department of Public Health and Environment for:

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

Whe Singh

Mike Snyder For Celey D. Keene Lab Director/Quality Manager



TRINITY O	ILFIELD SERVICES & RENTALS, LLC	
DAN DUNK	ELBERG	
P. O. BOX 2	2587	
HOBBS NM	, 88241	
Fax To:	NONE	

Received:	11/20/2023	Sampling Date:	11/15/2023
Reported:	11/22/2023	Sampling Type:	Soil
Project Name:	MESA VERDE BS UNIT #8	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - LEA CO NM		

Sample ID: DH-001-01.0-HS-S (H236324-01)

BTEX 8021B	mg/	′kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/21/2023	ND	1.98	98.9	2.00	0.340	
Toluene*	<0.050	0.050	11/21/2023	ND	2.07	103	2.00	0.873	
Ethylbenzene*	<0.050	0.050	11/21/2023	ND	2.08	104	2.00	0.856	
Total Xylenes*	<0.150	0.150	11/21/2023	ND	6.26	104	6.00	1.04	
Total BTEX	<0.300	0.300	11/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	119 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	11/21/2023	ND	432	108	400	0.00	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/21/2023	ND	198	99.1	200	1.23	
DRO >C10-C28*	<10.0	10.0	11/21/2023	ND	217	109	200	2.52	
EXT DRO >C28-C36	<10.0	10.0	11/21/2023	ND					
Surrogate: 1-Chlorooctane	107 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	119 9	% 49.1-14	8						

Cardinal Laboratories

*=Accredited Analyte

Mite Sugar

Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



TRINITY	DILFIELD SERVICES & RENTALS, LLC	2
DAN DUN	KELBERG	
P. O. BOX	2587	
HOBBS N	1, 88241	
Fax To:	NONE	

Received:	11/20/2023	Sampling Date:	11/15/2023
Reported:	11/22/2023	Sampling Type:	Soil
Project Name:	MESA VERDE BS UNIT #8	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - LEA CO NM		

Sample ID: DH-002-01.0-HE-S (H236324-02)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/21/2023	ND	1.98	98.9	2.00	0.340	
Toluene*	<0.050	0.050	11/21/2023	ND	2.07	103	2.00	0.873	
Ethylbenzene*	<0.050	0.050	11/21/2023	ND	2.08	104	2.00	0.856	
Total Xylenes*	<0.150	0.150	11/21/2023	ND	6.26	104	6.00	1.04	
Total BTEX	<0.300	0.300	11/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	118 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	11/21/2023	ND	432	108	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/21/2023	ND	198	99.1	200	1.23	
DRO >C10-C28*	<10.0	10.0	11/21/2023	ND	217	109	200	2.52	
EXT DRO >C28-C36	<10.0	10.0	11/21/2023	ND					
Surrogate: 1-Chlorooctane	106 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	119 9	% 49.1-14	8						

Cardinal Laboratories

*=Accredited Analyte

Mite Sugar

Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



DILFIELD SERVICES & RENTALS, LLC	
KELBERG	
2587	
1, 88241	
NONE	
ł	DILFIELD SERVICES & RENTALS, LLC KELBERG 2 2587 M, 88241 NONE

Received:	11/20/2023	Sampling Date:	11/15/2023
Reported:	11/22/2023	Sampling Type:	Soil
Project Name:	MESA VERDE BS UNIT #8	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - LEA CO NM		

Sample ID: DH-003-01.0-HN-S (H236324-03)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/21/2023	ND	1.98	98.9	2.00	0.340	
Toluene*	<0.050	0.050	11/21/2023	ND	2.07	103	2.00	0.873	
Ethylbenzene*	<0.050	0.050	11/21/2023	ND	2.08	104	2.00	0.856	
Total Xylenes*	<0.150	0.150	11/21/2023	ND	6.26	104	6.00	1.04	
Total BTEX	<0.300	0.300	11/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	119 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	11/21/2023	ND	432	108	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/21/2023	ND	198	99.1	200	1.23	
DRO >C10-C28*	<10.0	10.0	11/21/2023	ND	217	109	200	2.52	
EXT DRO >C28-C36	<10.0	10.0	11/21/2023	ND					
Surrogate: 1-Chlorooctane	108 9	48.2-13	4						
Surrogate: 1-Chlorooctadecane	123 9	% 49.1-14	8						

Cardinal Laboratories

*=Accredited Analyte

Mite Sugar

Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



TRINITY O	DILFIELD SERVICES & RENTALS, LLC	2
DAN DUNI	ELBERG	
P. O. BOX	2587	
HOBBS NN	I, 88241	
Fax To:	NONE	

Received:	11/20/2023	Sampling Date:	11/15/2023
Reported:	11/22/2023	Sampling Type:	Soil
Project Name:	MESA VERDE BS UNIT #8	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - LEA CO NM		

Sample ID: DH-004-01.0-HW-S (H236324-04)

BTEX 8021B	mg/	′kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/21/2023	ND	1.98	98.9	2.00	0.340	
Toluene*	<0.050	0.050	11/21/2023	ND	2.07	103	2.00	0.873	
Ethylbenzene*	<0.050	0.050	11/21/2023	ND	2.08	104	2.00	0.856	
Total Xylenes*	<0.150	0.150	11/21/2023	ND	6.26	104	6.00	1.04	
Total BTEX	<0.300	0.300	11/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	119 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	576	16.0	11/21/2023	ND	432	108	400	0.00	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/21/2023	ND	216	108	200	1.91	
DRO >C10-C28*	<10.0	10.0	11/21/2023	ND	222	111	200	3.68	
EXT DRO >C28-C36	<10.0	10.0	11/21/2023	ND					
Surrogate: 1-Chlorooctane	90.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	102 9	% 49.1-14	8						

Cardinal Laboratories

*=Accredited Analyte

Mite Sugar

Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



Notes and Definitions

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

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

Cardinal Laboratories

*=Accredited Analyte

Mite Sugar

Mike Snyder For Celey D. Keene, Lab Director/Quality Manager

Sampler - UPS - Bus - Other:	Delivered By: (Circle One)		Relinquished By:	1000	Kelinquisnea by:	affiliates or successors arising out	service. In no event shall Cardinal be liable for incidential or consequential damages, including without innation, operatives suminopours, or one or one of the above stated reasons or otherwise.	PLEASE NOTE: Labelity and usinages, we use a serving with a serving with a serving with a serving and usinages, we use a serving with a serving and servin		-	1	1		4 DH-					4236324	FOR LAB USE ONLY	Sampler Name: JC	Project Location:	ame:	Project #:	e#:		Address: 8426	Project Manager: Dan Dunkelberg	Company Name: Trinity Oilfield Services	Laboratories
							anice. In no event shall Cardinal be liable for incidential or consequential damages, including without initiation, our conservation of the above stated reasons or otherwise.	ages. Calulitatio incomy and come	areas Cardinal's liability and client					DH-004-01.0-HW-S	DH-003-01.0-HN-S	DH-002-01.0-HE-S		001 01 0-HS-S	Sample I.D.				Mesa Verde BS Unit #8	£		S	8426 N Dal Paso	Dunkelberg	v Oilfield Services	
Corrected Temp. °C	Observed Temp. °C	Time:	Date: R	1605 C		Date:	ental damages, including with services hereunder by Cardin	se whatsoever shall be deem	s exclusive remedy for any d					G			6		(G)RAB OR (C)OMP.				dan@trinityoilfieldservices.com	Project Owner:	Fax #:	State: NM Zip:				101 East Marland, Hobbs, NM 88240 (575) 393-2326 FAX (575) 393-2476
Yes Yes	Sample Condition		Received By:	ALL IN	lan la	Received By: /	nal, regardless of whether sud	ed waived unless made in writ	aim arising whether based in c					-	× -	<u>،</u> -	-	1 X	# CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE	MATRIX				(see below)		88241				lobbs, NM 88240 (575) 393-2476
No No No Correction Factor ANC HULLS			Ģ	RAMM	alall		h claim is based upon a	ting and received by Cau ntions, loss of use, or los	contract or tort, shall be										OTHER : ACID/BASE: ICE / COOL OTHER :	PRESERV.	Fax #:	Phone #:		City:	Address:	Attn: V	Company: 0	P.O. #:	B	
, Ø	CHECKED BY: T (Initials)	Ň		1 Mal		2	ny of the above stated	rdinal within 30 days af ss of profits incurred by	limited to the amount p						11/15/2023	11/15/2023	11/15/2023	11/15/2023	DATE	SAMPLING			Zip:			Wade Dittrich	OXY USA Inc.		BILL TO	
Thermometer ID #443 Correction Factor 0.8 C	Turnaround Time:		REMARKS:		All Results are emailed. Please provide Email address:	Verbal Result:	easons or otherwise.	er completion of the ap client, its subsidiaries,	aid by the client for the									×	TIME Chloride	G										-
an H/H					ailed. Please p	Yes		plicable	Eastle	_					××	×	××	×												
40.14	Standard Rush				rovide Email a	s No									×	×	×	×	BTEX										_	
20/23	×				ddress:																								MNM	
No No	(only) Intact					Add'I Phone #:																								ANALVEIS REOLIEST
o Corrected Temp. °C	Observed Temp. °C												,																	ANALVES BEDILEST
mp. °C	np. °C	*																						-					_	

Page 7 of 7



April 05, 2023

DAN DUNKELBERG TRINITY OILFIELD SERVICES & RENTALS, LLC P. O. BOX 2587 HOBBS, NM 88241

RE: MESA VERDE BS UNIT #8

Enclosed are the results of analyses for samples received by the laboratory on 03/31/23 12:15.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. 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 accreditated through the State of Colorado Department of Public Health and Environment for:

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

Celey D. Keine

Celey D. Keene Lab Director/Quality Manager



TRINITY O	ILFIELD SERVICES & RENTALS, LLC	2							
DAN DUNK	DAN DUNKELBERG								
P. O. BOX 2587									
HOBBS NM	, 88241								
Fax To:	NONE								

Received:	03/31/2023	Sampling Date:	03/30/2023
Reported:	04/05/2023	Sampling Type:	Soil
Project Name:	MESA VERDE BS UNIT #8	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - LEA CO NM		

Sample ID: CF-001-00.5-NA-S (H231494-01)

BTEX 8021B	mg,	′kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/03/2023	ND	2.09	105	2.00	8.43	
Toluene*	<0.050	0.050	04/03/2023	ND	2.21	110	2.00	7.04	
Ethylbenzene*	<0.050	0.050	04/03/2023	ND	2.21	111	2.00	8.31	
Total Xylenes*	<0.150	0.150	04/03/2023	ND	6.90	115	6.00	7.43	
Total BTEX	<0.300	0.300	04/03/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	106	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	′kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1090	16.0	04/03/2023	ND	416	104	400	3.77	
TPH 8015M	mg,	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/03/2023	ND	195	97.3	200	5.16	
DRO >C10-C28*	61.5	10.0	04/03/2023	ND	214	107	200	7.46	
EXT DRO >C28-C36	12.7	10.0	04/03/2023	ND					
Surrogate: 1-Chlorooctane	101	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	106	% 49.1-14	8						

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



TRINITY (DILFIELD SERVICES & RENTALS, LLC	2							
DAN DUN	DAN DUNKELBERG								
P. O. BOX	P. O. BOX 2587								
HOBBS N	1, 88241								
Fax To:	NONE								

Received:	03/31/2023	Sampling Date:	03/30/2023
Reported:	04/05/2023	Sampling Type:	Soil
Project Name:	MESA VERDE BS UNIT #8	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - LEA CO NM		

Sample ID: CF-002-00.5-NA-S (H231494-02)

BTEX 8021B	mg/	′kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/03/2023	ND	2.09	105	2.00	8.43	
Toluene*	<0.050	0.050	04/03/2023	ND	2.21	110	2.00	7.04	
Ethylbenzene*	<0.050	0.050	04/03/2023	ND	2.21	111	2.00	8.31	
Total Xylenes*	<0.150	0.150	04/03/2023	ND	6.90	115	6.00	7.43	
Total BTEX	<0.300	0.300	04/03/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	106 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	04/03/2023	ND	416	104	400	3.77	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/03/2023	ND	195	97.3	200	5.16	
DRO >C10-C28*	<10.0	10.0	04/03/2023	ND	214	107	200	7.46	
EXT DRO >C28-C36	<10.0	10.0	04/03/2023	ND					
Surrogate: 1-Chlorooctane	107 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	109 9	% 49.1-14	8						

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



Y OILFIELD SERVICES & RENTALS, LLC							
INKELBERG							
P. O. BOX 2587							
NM, 88241							
NONE							
9U 30 5	5 NM, 88241						

Received:	03/31/2023	Sampling Date:	03/30/2023
Reported:	04/05/2023	Sampling Type:	Soil
Project Name:	MESA VERDE BS UNIT #8	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - LEA CO NM		

Sample ID: CF-003-00.5-NA-S (H231494-03)

BTEX 8021B	mg/	′kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/03/2023	ND	2.09	105	2.00	8.43	
Toluene*	<0.050	0.050	04/03/2023	ND	2.21	110	2.00	7.04	
Ethylbenzene*	<0.050	0.050	04/03/2023	ND	2.21	111	2.00	8.31	
Total Xylenes*	<0.150	0.150	04/03/2023	ND	6.90	115	6.00	7.43	
Total BTEX	<0.300	0.300	04/03/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	106 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	304	16.0	04/03/2023	ND	416	104	400	3.77	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/03/2023	ND	195	97.3	200	5.16	
DRO >C10-C28*	<10.0	10.0	04/03/2023	ND	214	107	200	7.46	
EXT DRO >C28-C36	<10.0	10.0	04/03/2023	ND					
Surrogate: 1-Chlorooctane	98.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	105 9	% 49.1-14	8						

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



Y OILFIELD SERVICES & RENTALS, LLC							
INKELBERG							
P. O. BOX 2587							
NM, 88241							
NONE							
9U 30 5	5 NM, 88241						

Received:	03/31/2023	Sampling Date:	03/30/2023
Reported:	04/05/2023	Sampling Type:	Soil
Project Name:	MESA VERDE BS UNIT #8	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - LEA CO NM		

Sample ID: CF-004-00.5-NA-S (H231494-04)

BTEX 8021B	mg/	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/03/2023	ND	2.09	105	2.00	8.43	
Toluene*	<0.050	0.050	04/03/2023	ND	2.21	110	2.00	7.04	
Ethylbenzene*	<0.050	0.050	04/03/2023	ND	2.21	111	2.00	8.31	
Total Xylenes*	<0.150	0.150	04/03/2023	ND	6.90	115	6.00	7.43	
Total BTEX	<0.300	0.300	04/03/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	320	16.0	04/03/2023	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/03/2023	ND	195	97.3	200	5.16	
DRO >C10-C28*	<10.0	10.0	04/03/2023	ND	214	107	200	7.46	
EXT DRO >C28-C36	<10.0	10.0	04/03/2023	ND					
Surrogate: 1-Chlorooctane	104	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	105	% 49.1-14	8						

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



DILFIELD SERVICES & RENTALS, LLC	
(ELBERG	
2587	
1, 88241	
NONE	
ķ	DILFIELD SERVICES & RENTALS, LLC KELBERG 2587 M, 88241 NONE

Received:	03/31/2023	Sampling Date:	03/30/2023
Reported:	04/05/2023	Sampling Type:	Soil
Project Name:	MESA VERDE BS UNIT #8	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - LEA CO NM		

Sample ID: CF-005-00.3-NA-S (H231494-05)

BTEX 8021B	mg/	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/03/2023	ND	2.09	105	2.00	8.43	
Toluene*	<0.050	0.050	04/03/2023	ND	2.21	110	2.00	7.04	
Ethylbenzene*	<0.050	0.050	04/03/2023	ND	2.21	111	2.00	8.31	
Total Xylenes*	<0.150	0.150	04/03/2023	ND	6.90	115	6.00	7.43	
Total BTEX	<0.300	0.300	04/03/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	107 5	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	04/03/2023	ND	416	104	400	3.77	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/03/2023	ND	195	97.3	200	5.16	
DRO >C10-C28*	<10.0	10.0	04/03/2023	ND	214	107	200	7.46	
EXT DRO >C28-C36	<10.0	10.0	04/03/2023	ND					
Surrogate: 1-Chlorooctane	106	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	107	% 49.1-14	8						

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



Y OILFIELD SERVICES & RENTALS, LLC					
INKELBERG					
DX 2587					
HOBBS NM, 88241					
NONE					
9U 30 5	,				

Received:	03/31/2023	Sampling Date:	03/30/2023
Reported:	04/05/2023	Sampling Type:	Soil
Project Name:	MESA VERDE BS UNIT #8	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - LEA CO NM		

Sample ID: CF-006-00.3-NA-S (H231494-06)

BTEX 8021B	mg/	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/03/2023	ND	2.09	105	2.00	8.43	
Toluene*	<0.050	0.050	04/03/2023	ND	2.21	110	2.00	7.04	
Ethylbenzene*	<0.050	0.050	04/03/2023	ND	2.21	111	2.00	8.31	
Total Xylenes*	<0.150	0.150	04/03/2023	ND	6.90	115	6.00	7.43	
Total BTEX	<0.300	0.300	04/03/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	106	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	208	16.0	04/03/2023	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/03/2023	ND	195	97.3	200	5.16	
DRO >C10-C28*	55.1	10.0	04/03/2023	ND	214	107	200	7.46	
EXT DRO >C28-C36	<10.0	10.0	04/03/2023	ND					
Surrogate: 1-Chlorooctane	104	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	107 5	% 49.1-14	8						

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



Y OILFIELD SERVICES & RENTALS, LLC					
INKELBERG					
DX 2587					
HOBBS NM, 88241					
NONE					
9U 30 5	,				

Received:	03/31/2023	Sampling Date:	03/30/2023
Reported:	04/05/2023	Sampling Type:	Soil
Project Name:	MESA VERDE BS UNIT #8	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - LEA CO NM		

Sample ID: CF-007-00.3-NA-S (H231494-07)

BTEX 8021B	mg/	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/03/2023	ND	2.09	105	2.00	8.43	
Toluene*	<0.050	0.050	04/03/2023	ND	2.21	110	2.00	7.04	
Ethylbenzene*	<0.050	0.050	04/03/2023	ND	2.21	111	2.00	8.31	
Total Xylenes*	<0.150	0.150	04/03/2023	ND	6.90	115	6.00	7.43	
Total BTEX	<0.300	0.300	04/03/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	106 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	04/03/2023	ND	416	104	400	3.77	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/03/2023	ND	195	97.3	200	5.16	
DRO >C10-C28*	<10.0	10.0	04/03/2023	ND	214	107	200	7.46	
EXT DRO >C28-C36	<10.0	10.0	04/03/2023	ND					
Surrogate: 1-Chlorooctane	98.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	101 9	% 49.1-14	8						

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



TRINITY	DILFIELD SERVICES & RENTALS, LLC	2				
DAN DUN	KELBERG					
P. O. BOX	2587					
HOBBS N	HOBBS NM, 88241					
Fax To:	NONE					

Received:	03/31/2023	Sampling Date:	03/30/2023
Reported:	04/05/2023	Sampling Type:	Soil
Project Name:	MESA VERDE BS UNIT #8	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - LEA CO NM		

Sample ID: CF-008-00.3-NA-S (H231494-08)

BTEX 8021B	mg/	′kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/03/2023	ND	2.09	105	2.00	8.43	
Toluene*	<0.050	0.050	04/03/2023	ND	2.21	110	2.00	7.04	
Ethylbenzene*	<0.050	0.050	04/03/2023	ND	2.21	111	2.00	8.31	
Total Xylenes*	<0.150	0.150	04/03/2023	ND	6.90	115	6.00	7.43	
Total BTEX	<0.300	0.300	04/03/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	640	16.0	04/03/2023	ND	416	104	400	3.77	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/03/2023	ND	195	97.3	200	5.16	
DRO >C10-C28*	16.3	10.0	04/03/2023	ND	214	107	200	7.46	
EXT DRO >C28-C36	<10.0	10.0	04/03/2023	ND					
Surrogate: 1-Chlorooctane	101 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	102 9	% 49.1-14	8						

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



TRINITY	DILFIELD SERVICES & RENTALS, LLC	2
DAN DUN	KELBERG	
P. O. BOX	2587	
HOBBS N	1, 88241	
Fax To:	NONE	

Received:	03/31/2023	Sampling Date:	03/30/2023
Reported:	04/05/2023	Sampling Type:	Soil
Project Name:	MESA VERDE BS UNIT #8	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - LEA CO NM		

Sample ID: CF-013-00.3-NA-S (H231494-09)

BTEX 8021B	mg/	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/03/2023	ND	2.09	105	2.00	8.43	
Toluene*	<0.050	0.050	04/03/2023	ND	2.21	110	2.00	7.04	
Ethylbenzene*	<0.050	0.050	04/03/2023	ND	2.21	111	2.00	8.31	
Total Xylenes*	<0.150	0.150	04/03/2023	ND	6.90	115	6.00	7.43	
Total BTEX	<0.300	0.300	04/03/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	105 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	04/03/2023	ND	416	104	400	3.77	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/03/2023	ND	195	97.3	200	5.16	
DRO >C10-C28*	<10.0	10.0	04/03/2023	ND	214	107	200	7.46	
EXT DRO >C28-C36	<10.0	10.0	04/03/2023	ND					
Surrogate: 1-Chlorooctane	88.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	89.3	% 49.1-14	8						

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



Y OILFIELD SERVICES & RENTALS, LLC	
INKELBERG	
DX 2587	
NM, 88241	
NONE	
9U 30 5	TY OILFIELD SERVICES & RENTALS, LLC OUNKELBERG 30X 2587 5 NM, 88241 >: NONE

Received:	03/31/2023	Sampling Date:	03/30/2023
Reported:	04/05/2023	Sampling Type:	Soil
Project Name:	MESA VERDE BS UNIT #8	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - LEA CO NM		

Sample ID: CF-014-00.3-NA-S (H231494-10)

BTEX 8021B	mg/	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/03/2023	ND	2.09	105	2.00	8.43	
Toluene*	<0.050	0.050	04/03/2023	ND	2.21	110	2.00	7.04	
Ethylbenzene*	<0.050	0.050	04/03/2023	ND	2.21	111	2.00	8.31	
Total Xylenes*	<0.150	0.150	04/03/2023	ND	6.90	115	6.00	7.43	
Total BTEX	<0.300	0.300	04/03/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	04/03/2023	ND	416	104	400	3.77	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/03/2023	ND	192	96.0	200	5.55	QM-07
DRO >C10-C28*	48.2	10.0	04/03/2023	ND	216	108	200	5.63	
EXT DRO >C28-C36	<10.0	10.0	04/03/2023	ND					
Surrogate: 1-Chlorooctane	67.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	73.8	% 49.1-14	8						

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



Y OILFIELD SERVICES & RENTALS, LLC	
INKELBERG	
DX 2587	
NM, 88241	
NONE	
9U 30 5	TY OILFIELD SERVICES & RENTALS, LLC OUNKELBERG 30X 2587 5 NM, 88241 >: NONE

Received:	03/31/2023	Sampling Date:	03/30/2023
Reported:	04/05/2023	Sampling Type:	Soil
Project Name:	MESA VERDE BS UNIT #8	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - LEA CO NM		

Sample ID: CF-015-00.3-NA-S (H231494-11)

BTEX 8021B	mg/	'kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/03/2023	ND	2.09	105	2.00	8.43	
Toluene*	<0.050	0.050	04/03/2023	ND	2.21	110	2.00	7.04	
Ethylbenzene*	<0.050	0.050	04/03/2023	ND	2.21	111	2.00	8.31	
Total Xylenes*	<0.150	0.150	04/03/2023	ND	6.90	115	6.00	7.43	
Total BTEX	<0.300	0.300	04/03/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.5	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	04/03/2023	ND	416	104	400	3.77	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/03/2023	ND	192	96.0	200	5.55	
DRO >C10-C28*	32.3	10.0	04/03/2023	ND	216	108	200	5.63	
EXT DRO >C28-C36	<10.0	10.0	04/03/2023	ND					
Surrogate: 1-Chlorooctane	90.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	89.6	% 49.1-14	8						

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



Y OILFIELD SERVICES & RENTALS, LLC	
INKELBERG	
DX 2587	
NM, 88241	
NONE	
0L 30 5	TY OILFIELD SERVICES & RENTALS, LLC OUNKELBERG 30X 2587 5 NM, 88241 >: NONE

Received:	03/31/2023	Sampling Date:	03/30/2023
Reported:	04/05/2023	Sampling Type:	Soil
Project Name:	MESA VERDE BS UNIT #8	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - LEA CO NM		

Sample ID: CF-016-00.3-NA-S (H231494-12)

BTEX 8021B	mg/	′kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/03/2023	ND	2.09	105	2.00	8.43	
Toluene*	<0.050	0.050	04/03/2023	ND	2.21	110	2.00	7.04	
Ethylbenzene*	<0.050	0.050	04/03/2023	ND	2.21	111	2.00	8.31	
Total Xylenes*	<0.150	0.150	04/03/2023	ND	6.90	115	6.00	7.43	
Total BTEX	<0.300	0.300	04/03/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	105 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	04/03/2023	ND	416	104	400	3.77	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/03/2023	ND	192	96.0	200	5.55	
DRO >C10-C28*	21.1	10.0	04/03/2023	ND	216	108	200	5.63	
EXT DRO >C28-C36	<10.0	10.0	04/03/2023	ND					
Surrogate: 1-Chlorooctane	96.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	97.0	% 49.1-14	8						

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



ILFIELD SERVICES & RENTALS, LLC	
ELBERG	
2587	
1, 88241	
NONE	
k	DILFIELD SERVICES & RENTALS, LLC KELBERG 2 2587 M, 88241 NONE

Received:	03/31/2023	Sampling Date:	03/30/2023
Reported:	04/05/2023	Sampling Type:	Soil
Project Name:	MESA VERDE BS UNIT #8	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - LEA CO NM		

Sample ID: CF-017-00.3-NA-S (H231494-13)

BTEX 8021B	mg/	'kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/03/2023	ND	2.09	105	2.00	8.43	
Toluene*	<0.050	0.050	04/03/2023	ND	2.21	110	2.00	7.04	
Ethylbenzene*	<0.050	0.050	04/03/2023	ND	2.21	111	2.00	8.31	
Total Xylenes*	<0.150	0.150	04/03/2023	ND	6.90	115	6.00	7.43	
Total BTEX	<0.300	0.300	04/03/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	106 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	04/03/2023	ND	416	104	400	3.77	
TPH 8015M	M 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	04/03/2023	ND	192	96.0	200	5.55	
DRO >C10-C28*	<10.0	10.0	04/03/2023	ND	216	108	200	5.63	
EXT DRO >C28-C36	<10.0	10.0	04/03/2023	ND					
Surrogate: 1-Chlorooctane	103 9	48.2-13	4						
Surrogate: 1-Chlorooctadecane	102 9	% 49.1-14	8						

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



TRINITY	DILFIELD SERVICES & RENTALS, LLC	2
DAN DUN	KELBERG	
P. O. BOX	2587	
HOBBS N	1, 88241	
Fax To:	NONE	

Received:	03/31/2023	Sampling Date:	03/30/2023
Reported:	04/05/2023	Sampling Type:	Soil
Project Name:	MESA VERDE BS UNIT #8	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - LEA CO NM		

Sample ID: CF-018-00.3-NA-S (H231494-14)

BTEX 8021B	mg/	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/03/2023	ND	2.09	105	2.00	8.43	
Toluene*	<0.050	0.050	04/03/2023	ND	2.21	110	2.00	7.04	
Ethylbenzene*	<0.050	0.050	04/03/2023	ND	2.21	111	2.00	8.31	
Total Xylenes*	<0.150	0.150	04/03/2023	ND	6.90	115	6.00	7.43	
Total BTEX	<0.300	0.300	04/03/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	103 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	288	16.0	04/03/2023	ND	416	104	400	3.77	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/03/2023	ND	192	96.0	200	5.55	
DRO >C10-C28*	<10.0	10.0	04/03/2023	ND	216	108	200	5.63	
EXT DRO >C28-C36	<10.0	10.0	04/03/2023	ND					
Surrogate: 1-Chlorooctane	86.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	86.4	% 49.1-14	8						

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



Y OILFIELD SERVICES & RENTALS, LLC	
INKELBERG	
DX 2587	
NM, 88241	
NONE	
9U 30 5	TY OILFIELD SERVICES & RENTALS, LLC OUNKELBERG 30X 2587 5 NM, 88241 >: NONE

Received:	03/31/2023	Sampling Date:	03/30/2023
Reported:	04/05/2023	Sampling Type:	Soil
Project Name:	MESA VERDE BS UNIT #8	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - LEA CO NM		

Sample ID: CF-024-00.3-NA-S (H231494-15)

BTEX 8021B	mg/	′kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/03/2023	ND	2.09	105	2.00	8.43	
Toluene*	<0.050	0.050	04/03/2023	ND	2.21	110	2.00	7.04	
Ethylbenzene*	<0.050	0.050	04/03/2023	ND	2.21	111	2.00	8.31	
Total Xylenes*	<0.150	0.150	04/03/2023	ND	6.90	115	6.00	7.43	
Total BTEX	<0.300	0.300	04/03/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	04/03/2023	ND	416	104	400	3.77	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/03/2023	ND	192	96.0	200	5.55	
DRO >C10-C28*	<10.0	10.0	04/03/2023	ND	216	108	200	5.63	
EXT DRO >C28-C36	<10.0	10.0	04/03/2023	ND					
Surrogate: 1-Chlorooctane	83.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	82.2	% 49.1-14	8						

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



TRINITY	DILFIELD SERVICES & RENTALS, LLC	2
DAN DUN	KELBERG	
P. O. BOX	2587	
HOBBS N	1, 88241	
Fax To:	NONE	

Received:	03/31/2023	Sampling Date:	03/30/2023
Reported:	04/05/2023	Sampling Type:	Soil
Project Name:	MESA VERDE BS UNIT #8	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - LEA CO NM		

Sample ID: CF-025-00.3-NA-S (H231494-16)

BTEX 8021B	mg/	′kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/03/2023	ND	2.09	105	2.00	8.43	
Toluene*	<0.050	0.050	04/03/2023	ND	2.21	110	2.00	7.04	
Ethylbenzene*	<0.050	0.050	04/03/2023	ND	2.21	111	2.00	8.31	
Total Xylenes*	<0.150	0.150	04/03/2023	ND	6.90	115	6.00	7.43	
Total BTEX	<0.300	0.300	04/03/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	04/03/2023	ND	416	104	400	3.77	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/03/2023	ND	192	96.0	200	5.55	
DRO >C10-C28*	<10.0	10.0	04/03/2023	ND	216	108	200	5.63	
EXT DRO >C28-C36	<10.0	10.0	04/03/2023	ND					
Surrogate: 1-Chlorooctane	95.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	93.5	% 49.1-14	8						

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



Y OILFIELD SERVICES & RENTALS, LLC	
INKELBERG	
DX 2587	
NM, 88241	
NONE	
9U 30 5	TY OILFIELD SERVICES & RENTALS, LLC OUNKELBERG 30X 2587 5 NM, 88241 >: NONE

Received:	03/31/2023	Sampling Date:	03/30/2023
Reported:	04/05/2023	Sampling Type:	Soil
Project Name:	MESA VERDE BS UNIT #8	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - LEA CO NM		

Sample ID: CF-026-00.3-NA-S (H231494-17)

BTEX 8021B	mg/	′kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/03/2023	ND	2.09	105	2.00	8.43	
Toluene*	<0.050	0.050	04/03/2023	ND	2.21	110	2.00	7.04	
Ethylbenzene*	<0.050	0.050	04/03/2023	ND	2.21	111	2.00	8.31	
Total Xylenes*	<0.150	0.150	04/03/2023	ND	6.90	115	6.00	7.43	
Total BTEX	<0.300	0.300	04/03/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	04/03/2023	ND	416	104	400	3.77	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/03/2023	ND	192	96.0	200	5.55	
DRO >C10-C28*	194	10.0	04/03/2023	ND	216	108	200	5.63	
EXT DRO >C28-C36	65.3	10.0	04/03/2023	ND					
Surrogate: 1-Chlorooctane	90.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	93.6	% 49.1-14	8						

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



Y OILFIELD SERVICES & RENTALS, LLC	
INKELBERG	
DX 2587	
NM, 88241	
NONE	
9U 30 5	TY OILFIELD SERVICES & RENTALS, LLC OUNKELBERG 30X 2587 5 NM, 88241 >: NONE

Received:	03/31/2023	Sampling Date:	03/30/2023
Reported:	04/05/2023	Sampling Type:	Soil
Project Name:	MESA VERDE BS UNIT #8	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - LEA CO NM		

Sample ID: CF-027-00.3-NA-S (H231494-18)

BTEX 8021B	mg/	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/03/2023	ND	1.80	89.9	2.00	1.77	
Toluene*	<0.050	0.050	04/03/2023	ND	1.90	95.1	2.00	2.07	
Ethylbenzene*	<0.050	0.050	04/03/2023	ND	1.96	98.1	2.00	0.600	
Total Xylenes*	<0.150	0.150	04/03/2023	ND	5.96	99.3	6.00	0.684	
Total BTEX	<0.300	0.300	04/03/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	105 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	04/03/2023	ND	416	104	400	3.77	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/03/2023	ND	192	96.0	200	5.55	
DRO >C10-C28*	<10.0	10.0	04/03/2023	ND	216	108	200	5.63	
EXT DRO >C28-C36	<10.0	10.0	04/03/2023	ND					
Surrogate: 1-Chlorooctane	86.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	86.9	% 49.1-14	8						

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



TRINITY (DILFIELD SERVICES & RENTALS, LLC	2
DAN DUN	ELBERG	
P. O. BOX	2587	
HOBBS N	1, 88241	
Fax To:	NONE	

Received:	03/31/2023	Sampling Date:	03/30/2023
Reported:	04/05/2023	Sampling Type:	Soil
Project Name:	MESA VERDE BS UNIT #8	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - LEA CO NM		

Sample ID: CF-028-00.3-NA-S (H231494-19)

BTEX 8021B	mg/	′kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/03/2023	ND	1.80	89.9	2.00	1.77	
Toluene*	<0.050	0.050	04/03/2023	ND	1.90	95.1	2.00	2.07	
Ethylbenzene*	<0.050	0.050	04/03/2023	ND	1.96	98.1	2.00	0.600	
Total Xylenes*	<0.150	0.150	04/03/2023	ND	5.96	99.3	6.00	0.684	
Total BTEX	<0.300	0.300	04/03/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	106 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	04/03/2023	ND	416	104	400	3.77	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/03/2023	ND	192	96.0	200	5.55	
DRO >C10-C28*	<10.0	10.0	04/03/2023	ND	216	108	200	5.63	
EXT DRO >C28-C36	<10.0	10.0	04/03/2023	ND					
Surrogate: 1-Chlorooctane	93.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	92.0	% 49.1-14	8						

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



TRINITY	DILFIELD SERVICES & RENTALS, LLC	2
DAN DUN	KELBERG	
P. O. BOX	2587	
HOBBS N	1, 88241	
Fax To:	NONE	

Received:	03/31/2023	Sampling Date:	03/30/2023
Reported:	04/05/2023	Sampling Type:	Soil
Project Name:	MESA VERDE BS UNIT #8	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - LEA CO NM		

Sample ID: CF-030-00.3-NA-S (H231494-20)

BTEX 8021B	mg/	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/03/2023	ND	1.80	89.9	2.00	1.77	
Toluene*	<0.050	0.050	04/03/2023	ND	1.90	95.1	2.00	2.07	
Ethylbenzene*	<0.050	0.050	04/03/2023	ND	1.96	98.1	2.00	0.600	
Total Xylenes*	<0.150	0.150	04/03/2023	ND	5.96	99.3	6.00	0.684	
Total BTEX	<0.300	0.300	04/03/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	105 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	208	16.0	04/03/2023	ND	416	104	400	3.77	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/03/2023	ND	192	96.0	200	5.55	
DRO >C10-C28*	<10.0	10.0	04/03/2023	ND	216	108	200	5.63	
EXT DRO >C28-C36	<10.0	10.0	04/03/2023	ND					
Surrogate: 1-Chlorooctane	86.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	86.6	% 49.1-14	8						

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



ILFIELD SERVICES & RENTALS, LLC	
ELBERG	
2587	
1, 88241	
NONE	
k	DILFIELD SERVICES & RENTALS, LLC KELBERG 2 2587 M, 88241 NONE

Received:	03/31/2023	Sampling Date:	03/30/2023
Reported:	04/05/2023	Sampling Type:	Soil
Project Name:	MESA VERDE BS UNIT #8	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - LEA CO NM		

Sample ID: CF-031-00.3-NA-S (H231494-21)

BTEX 8021B	mg/	kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/03/2023	ND	1.80	89.9	2.00	1.77	
Toluene*	<0.050	0.050	04/03/2023	ND	1.90	95.1	2.00	2.07	
Ethylbenzene*	<0.050	0.050	04/03/2023	ND	1.96	98.1	2.00	0.600	
Total Xylenes*	<0.150	0.150	04/03/2023	ND	5.96	99.3	6.00	0.684	
Total BTEX	<0.300	0.300	04/03/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	105 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	04/03/2023	ND	416	104	400	3.77	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/03/2023	ND	192	96.0	200	5.55	
DRO >C10-C28*	48.1	10.0	04/03/2023	ND	216	108	200	5.63	
EXT DRO >C28-C36	11.9	10.0	04/03/2023	ND					
Surrogate: 1-Chlorooctane	89.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	91.3	% 49.1-14	8						

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



ILFIELD SERVICES & RENTALS, LLC	
ELBERG	
2587	
1, 88241	
NONE	
k	DILFIELD SERVICES & RENTALS, LLC KELBERG 2 2587 M, 88241 NONE

Received:	03/31/2023	Sampling Date:	03/30/2023
Reported:	04/05/2023	Sampling Type:	Soil
Project Name:	MESA VERDE BS UNIT #8	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - LEA CO NM		

Sample ID: CF-032-00.3-NA-S (H231494-22)

BTEX 8021B	mg	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/03/2023	ND	1.80	89.9	2.00	1.77	
Toluene*	<0.050	0.050	04/03/2023	ND	1.90	95.1	2.00	2.07	
Ethylbenzene*	<0.050	0.050	04/03/2023	ND	1.96	98.1	2.00	0.600	
Total Xylenes*	<0.150	0.150	04/03/2023	ND	5.96	99.3	6.00	0.684	
Total BTEX	<0.300	0.300	04/03/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	272	16.0	04/03/2023	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/03/2023	ND	192	96.0	200	5.55	
DRO >C10-C28*	<10.0	10.0	04/03/2023	ND	216	108	200	5.63	
EXT DRO >C28-C36	<10.0	10.0	04/03/2023	ND					
Surrogate: 1-Chlorooctane	84.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	82.8	% 49.1-14	8						

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



Y OILFIELD SERVICES & RENTALS, LLC	
INKELBERG	
DX 2587	
NM, 88241	
NONE	
9U 30 5	TY OILFIELD SERVICES & RENTALS, LLC OUNKELBERG 30X 2587 5 NM, 88241 >: NONE

Received:	03/31/2023	Sampling Date:	03/30/2023
Reported:	04/05/2023	Sampling Type:	Soil
Project Name:	MESA VERDE BS UNIT #8	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - LEA CO NM		

Sample ID: CF-033-00.3-NA-S (H231494-23)

BTEX 8021B	mg	'kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/03/2023	ND	1.80	89.9	2.00	1.77	
Toluene*	<0.050	0.050	04/03/2023	ND	1.90	95.1	2.00	2.07	
Ethylbenzene*	<0.050	0.050	04/03/2023	ND	1.96	98.1	2.00	0.600	
Total Xylenes*	<0.150	0.150	04/03/2023	ND	5.96	99.3	6.00	0.684	
Total BTEX	<0.300	0.300	04/03/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	208	16.0	04/03/2023	ND	400	100	400	3.92	
TPH 8015M	mg,	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/03/2023	ND	192	96.0	200	5.55	
DRO >C10-C28*	<10.0	10.0	04/03/2023	ND	216	108	200	5.63	
EXT DRO >C28-C36	<10.0	10.0	04/03/2023	ND					
Surrogate: 1-Chlorooctane	92.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	90.4	% 49.1-14	8						

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



TRINITY	DILFIELD SERVICES & RENTALS, LLC	2
DAN DUN	KELBERG	
P. O. BOX	2587	
HOBBS N	1, 88241	
Fax To:	NONE	

Received:	03/31/2023	Sampling Date:	03/30/2023
Reported:	04/05/2023	Sampling Type:	Soil
Project Name:	MESA VERDE BS UNIT #8	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - LEA CO NM		

Sample ID: CF-034-00.3-NA-S (H231494-24)

BTEX 8021B	mg/	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/03/2023	ND	1.80	89.9	2.00	1.77	
Toluene*	<0.050	0.050	04/03/2023	ND	1.90	95.1	2.00	2.07	
Ethylbenzene*	<0.050	0.050	04/03/2023	ND	1.96	98.1	2.00	0.600	
Total Xylenes*	<0.150	0.150	04/03/2023	ND	5.96	99.3	6.00	0.684	
Total BTEX	<0.300	0.300	04/03/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	106 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	04/03/2023	ND	400	100	400	3.92	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/03/2023	ND	192	96.0	200	5.55	
DRO >C10-C28*	<10.0	10.0	04/03/2023	ND	216	108	200	5.63	
EXT DRO >C28-C36	<10.0	10.0	04/03/2023	ND					
Surrogate: 1-Chlorooctane	87.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	86.8	% 49.1-14	8						

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



Notes and Definitions

QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
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 SM4500CI-B does not require samples be received at or below 6°C
	Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager

Delivered By: (Circle One) Sampler - UPS - Bus - Other:		Relinquished By:	That	Relinquished By:	service. In no event shall Cardinal be liable for incidential or consequential damages, including without limitation, business interruptions, loss or use, or toes or prime incurres or years, is successed and an another successers 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 reasons or otherwise.	PLEASE NOTE: Liability and Damages Cardinats liability and dents exclusive entropy or any causi using wrenn unservant wurk and a many other cause whatboever shall be deemed waived unless made in writing and notived by Cardinal within 30 days after any other cause whatboever shall be deemed waived unless made in writing and notived by Cardinal within 30 days after the applicable	10 CF-014	9 CF-013	8 CF-008		6 CF-006-	CF-005	4 CF-004-		Z CF-002-	/ CF-001-	1/231494 Lab I.D.	FOR LAB USE ONLY	Sampler Name: GM	Project Location:	ame:	Project #:	Phone #:	City: Hobbs	Address: 8426 N	Project Manager: Dan Dunkelberg	Company Name: Trinity Oilfield Services	Laboratories
Observed Temp. °C	Time:	Date:	Time:	Date: 2	e for incidental or consequental damages lated to the performance of services here	gligence and any other cause whatsoeve	CF-014-00.3-NA-S	CF-013-00.3-NA-S	CF-008-00.3-NA-S	CF-007-00.3-NA-S	CF-006-00.3-NA-S	CF-005-00.3-NA-S	CF-004-00.5-NA-S	CF-003-00.5-NA-S	CF-002-00.5-NA-S	CF-001-00.5-NA-S	Sample I.D.				Mesa Verde BS Unit #8 dan@	Projec	Fax #:	State:	8426 N Dal Paso	nkelberg	ilfield Services	
1.2 Sample	,	Received By:	MI 25/6	2 1 7 Received By:	 including without limitation, business runder by Cardinal, regardless of whether 	medy for any claim ansing wreater us in shall be deemed waived unless mad	C 1 X	C 1 X	C 1 X	C 1 X	C 1 X	C 1 X	C 1 X	C 1 X	C 1 X	C 1 X	(G)RAB OR (C)OMP. # CONTAINERS GROUNDWATER WASTEWATER SOIL	MATRIX			dan@trinityoilfieldservices.com	Project Owner: (see below)		NM Zip: 88241			,	101 East Marland, Hobbs, NM 88240 (575) 393-2326 FAX (575) 393-2476
Condition CHECKED BY: Infact (Initials)		40000	all was	2	interruptions, loss of use, or loss of p her such claim is based upon any of th	anaing ensure used in unactor or or ensure or minor or or and a series of the series o	3/30	3/30	3/30	3/30	3/30	3/30	3/30	3/30	3/30	3/30	OIL SLUDGE OTHER : ACID/BASE: ICE / COOL OTHER :	RIX PRESERV.	Fax #:	Phone #:	m State: Zip:	City:	Address:	Attn: Wade	Company: OXY	P.O. #:	BIL	8240
BY: Turnaround Time:) Themometer ID \$113 Correction Factor -0.6 °C	\	REMARKS:	All Results are e	Verbal Result:	roms incurred by caem, is subsidiate to above stated reasons or otherwise	within 30 days after completion of the	3/30/2023	3/30/2023	3/30/2023	3/30/2023	3/30/2023	3/30/2023	3/30/2023	3/30/2023	3/30/2023	3/30/2023	DATE TIME	SAMPLING						Wade Dittrich	OXY USA Inc.		BILL TO	
a ĉ			mailed. Please prov	Yes	-	applicable	× ×	××	××	××	××	× ×	××	××	××	××										_		
Standard X Rush			All Results are emailed. Please provide Email address:		-		×	×	×	×	×	×	×	×	×	×	втех											
Bacteria (only) Sample Condition Cool Intact Ves Yes No No				Add'I Phone #:																							ANALYSIS REQUEST	ר-עטטן עטן אוע אואבן טט הבשטבט
le Condition Observed Temp. °C Corrected Temp. °C																												

Page 27 of 29

	labsnm.com	@cardinal	eley.keene	langes to o	+ Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com	changes. Ple	ccept verbal	I cannot ad	† Cardina			
No No Corrected Temp. °C				tor -0.6 °C	Correction Factor -0.6 °C		7	No No	~	U.		
Yes Yes	[D #113	Thermometer ID #113	6	<u> </u>	Yes Yes		Corrected Temp. °C		Sampler - UPS - Bus - Other:
ol Intact Observed Temp. °C		Rush	70			(Initials)	/	Cool Infact	1.2	Observed relinity.		Delivered by: (Circle One)
Bacteria (only) Sample Condition	X Bac	Standard	s	lime.	Turnaround Time:	CHECKED RY.		Cample Condition	_			
										Time:		
						1						
	×				REMARKS:		1	Y:	Received By:	Date: R		Relinquished By:
					2AC	(MUSP)	CN NI	anna	4	10150	they are	111
	iress.		lease provi	e emailed. P	All Results are emailed. Please provide Email address.	111	1 wroc	Sin	*	Time		X
7	Add'I Phone #:	No	Yes		Verbal Result:	011		Y:	Received By:	聖: 2/27	1	Relinquished By:
				wise.	ted reasons or other	iny of the above stat	laim is based upon a	f whether such d	al, regárdless	rvices hereunder by Cardi	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 reasons or otherwise.	affiliates or successors arisi
				liaries,	d by client, its subsid	ss of profits incurre	ins, loss of use, or k	interruptio	ut limitation, b	al damages, including with	a warges, na warma school y over to ranger or new york of the state of	service. In no event shall Ca
				tor the applicable	sys after completion of the ap	Imited to the amou Indinal within 30 day	tract or tort, shall be and received by Ci	ther based in con as made in writing	aim arising whe	whatsoever shall be deem	PLESES (NOTE: Liability and Damages, Capitantis liability and client's exclusive memby for any diam axing where based in contractor tor, takel to immed to the amount pand by the users for the public of the state of the public of the state of the sta	PLEASE NOTE: Liability an
		×	×	×				×	-	С	CF-030-00.3-NA-S	00
		×	×	×		3/30/2023		×	-	C	CF-028-00.3-NA-S	pl
		×	×	×		3/30/2023		×	-	С	CF-027-00.3-NA-S	81
		×	×	×		3/30/2023		×		C	CF-026-00.3-NA-S	17
		×	×	×		3/30/2023		×	-	С	CF-025-00.3-NA-S	16
		×	×	×		3/30/2023		×	1	С	CF-024-00.3-NA-S	15
		×	×	×		3/30/2023		×	1	С	CF-018-00.3-NA-S	41
		×	×	×		3/30/2023		×	-	с	CF-017-00.3-NA-S	21
		×	×	×		3/30/2023		×	1	с	CF-016-00.3-NA-S	12
		×	×	×		3/30/2023		×	1	Ċ	CF-015-00.3-NA-S	11
		BTE	TPH	Chl	TIME	DATE		SOIL OIL SLUI	# CO GRO	-	Sample I.D.	Lab I.D.
		EX	4	oride			/BASE: COOL	DGE	UNDWATER TEWATER	AB OR (C)OMP.		Honkey
					SAMPLING	SAMP	PRESERV.	MATRIX				FOR LAB USE ONLY
							Fax #:	-			GM	Sampler Name:
¥							Phone #:	-				Project Location:
						Zip:	State:		Idservice	dan@trinityoilfieldservices.com	Mesa Verde BS Unit #8	Project Name:
		ž					City:	_	(see below)	Project Owner:		Project #:
	1						Address:	-		Fax #:		Phone #:
		_				Wade Dittrich	Attn:		p: 88241	State: NM Zip:	Hobbs	City:
						OXY USA Inc.	Company:	0			8426 N Dal Paso	Address:
							P.O. #:				Dan Dunkelberg	
ANALYSIS REQUEST	ANALYS			-		BILL TO					Trinity Oilfield Services	Company Name:
CHAIN-OF-CUSTODY AND ANALYSIS REQUEST	CUSTODY A	IN-OF-	CHA					IM 88240 3-2476	Hobbs, N ((575) 39	101 East Marland, Hobbs, NM 88240 (575) 393-2326 FAX (575) 393-2476	Laboratories (57	Labo
		8										

	m.com	nallabsn	ene@cardi	o celey.ke	changes t	ase email	† Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com	pt verbal c	annot acce	rdinal c:	† Ca			
	No				actor -0.6 °C	Correction Factor -0.6 °C	1	1	No No	z	1.4			
Yes	Yes	Γ			er ID #113	Thermometer ID #113	3	P	Yes Yes	X	20	Corrected Temp. °C		Sampler - UPS - Bus - Other:
Intact Observed Temp °C	Cool		Rush				(Initials)	(Ini	Cool Intact	Cool	1º2			
Bacteria (only) Sample Condition	Bacteria	×	Standard		d Time:	Turnaround Time:	CHECKED BY:	CHEC	Sample Condition	Sample	1	Observed Temp. °C		Delivered By: (Circle One)
												Time:		
						RÉMARKS:		×		Received By:	Recei	Date:		Kelinquished By:
						Sol C	A BUN	All all	1 CM	2	1	11meins	Ab	
		address:	All Results are emailed. Please provide Email address:	d. Please p	s are emaile	All Results	111	- /	him	1	117			
	Add'l Phone #:	No		Yes	sult:	Verbal Result:	111			77 Received By:	Recei	Date: 2/7	1.	Relinquished By:
×					therwise.	ited reasons or o	ny of the above sta	n is based upon a	ether such claim	ardless of w	Cardinal, reg	services hereunder by	affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, negardless of whether such claim is based upon any of the above stated reasons or otherwise.	affiliates or successors arisin
				ble	on of the applica ibsidiaries,	vs atter complete of by client, its su	ss of profits incurre	loss of use, or lo	ess interruptions,	itation, busin	g without lim	intal damages, includin	service. In no event shall Catofinal be liable for incidential or consequential danages, including without limitation, business interruptions, loss of use, or loss of portis incurred by client, its subsidiaries,	service. In no event shall Ca
					lient for the	unt paid by the d	limited to the amou	ct or tort, shall be	based in contrac	und unless n	any claim an	s exclusive remedy for	analyses. All claims including tooks runnauma security and claims accurative termody days and standing the security and claims to the annound paid by the claims' for the annound paid by the claims' for the annound paid by the claims' for the	analyses. All claims including
													Paranas Partinal's Eshiliki and class	PLEASE NOTE: Liability and
											+			
				T					+		-			
				+	+				-	-	+			
				+	+								-	
					-					_				
									_					
			×	×	×		3/30/2023		×		C 1		34 CF-034-00.3-NA-S	48
			×	×	×		3/30/2023		X		C 1		CF-033-00.3-NA-S	22
			×	×	×		3/30/2023		×		C 1		22 CF-032-00.3-NA-S	se
			×	×	×		3/30/2023		×		C 1		CF-031-00.3-NA-S	21
			BTE	трн	Chlo	TIME	DATE	ACID	SOIL OIL SLUC OTHE	GRO		.D.	Sample I.D.	Lab I.D.
			x		ride			/BASE: COOL	OGE	UNDWATER TEWATER	AB OR (C)OMP. NTAINERS			HPHIECH
						SAMPLING		PRESERV.	MATRIX	×	_			FOR LAB USE ONLY
								Fax #:	F	1			GM	Sampler Name:
								Phone #:	P					Project Location:
							Zip:	State:		services	yoilfield	dan@trinityoilfieldservices.com	Mesa Verde BS Unit #8	Project Name:
								City:		(see below)		Project Owner:		Project #:
				5				Address:	A			Fax #:		Phone #:
						Ъ	Wade Dittrich	Attn:		88241	Zip:	State: NM	Hobbs	City:
						Ċ.	OXY USA Inc.	Company:	0				8426 N Dal Paso	Address:
								P.O. #:	9.				Pruject Manager: Dan Dunkelberg	Pruject Manager:
ANALYSIS REQUEST	ANALYSIS				-		BILL TO						Trinity Oilfield Services	Company Name:
CUSTODY AND ANALYSIS REQUEST	JSTODY A	OF-CI	CHAIN-OF-	2					M 88240 3-2476	obbs, N 575) 39:	S FAX ()	101 East Marland, Hobbs, NM 88240 (575) 393-2326 FAX (575) 393-2476	Laboratories	Lab
						*								

Page 29 of 29



April 06, 2023

DAN DUNKELBERG TRINITY OILFIELD SERVICES & RENTALS, LLC P. O. BOX 2587 HOBBS, NM 88241

RE: MESA VERDE BS UNIT #8

Enclosed are the results of analyses for samples received by the laboratory on 04/03/23 16:10.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/ga/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

Celey D. Keine

Celey D. Keene Lab Director/Quality Manager



TRINITY O	ILFIELD SERVICES & RENTALS, LLC	
dan dunk	ELBERG	
P. O. BOX	2587	
HOBBS NM	, 88241	
Fax To:	NONE	

Received:	04/03/2023	Sampling Date:	03/31/2023
Reported:	04/06/2023	Sampling Type:	Soil
Project Name:	MESA VERDE BS UNIT #8	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - LEA CO NM		

Sample ID: CF-053-00.3-NA-S (H231523-01)

BTEX 8021B	mg,	/L	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/04/2023	ND	1.95	97.3	2.00	3.90	
Toluene*	<0.050	0.050	04/04/2023	ND	1.99	99.4	2.00	6.52	
Ethylbenzene*	<0.050	0.050	04/04/2023	ND	2.11	105	2.00	10.4	
Total Xylenes*	<0.150	0.150	04/04/2023	ND	6.40	107	6.00	11.8	
Total BTEX	<0.300	0.300	04/04/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	90.8	% 77.5-12	5						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	384	16.0	04/04/2023	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/04/2023	ND	198	98.8	200	4.78	
DRO >C10-C28*	1940	10.0	04/04/2023	ND	197	98.3	200	3.18	
EXT DRO >C28-C36	502	10.0	04/04/2023	ND					
Surrogate: 1-Chlorooctane	129	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	199	% 49.1-14	8						

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



TRINITY OII	FIELD SERVICES & RENTALS, LLC	
DAN DUNKE	LBERG	
P. O. BOX 2	587	
HOBBS NM,	88241	
Fax To:	NONE	
	DAN DUNKE P. O. BOX 29 HOBBS NM,	TRINITY OILFIELD SERVICES & RENTALS, LLC DAN DUNKELBERG P. O. BOX 2587 HOBBS NM, 88241 Fax To: NONE

Received:	04/03/2023	Sampling Date:	03/31/2023
Reported:	04/06/2023	Sampling Type:	Soil
Project Name:	MESA VERDE BS UNIT #8	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - LEA CO NM		

Sample ID: CF-054-00.3-NA-S (H231523-02)

BTEX 8021B	mg/	/L	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/04/2023	ND	1.95	97.3	2.00	3.90	
Toluene*	<0.050	0.050	04/04/2023	ND	1.99	99.4	2.00	6.52	
Ethylbenzene*	<0.050	0.050	04/04/2023	ND	2.11	105	2.00	10.4	
Total Xylenes*	<0.150	0.150	04/04/2023	ND	6.40	107	6.00	11.8	
Total BTEX	<0.300	0.300	04/04/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	95.3	% 77.5-12	5						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	464	16.0	04/04/2023	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/05/2023	ND	198	98.8	200	4.78	
DRO >C10-C28*	103	10.0	04/05/2023	ND	197	98.3	200	3.18	
EXT DRO >C28-C36	<10.0	10.0	04/05/2023	ND					
Surrogate: 1-Chlorooctane	139	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	151	% 49.1-14	8						

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



RINITY OIL	LFIELD SERVICES & RENTALS, LLC	2
DAN DUNKE	LBERG	
P. O. BOX 25	587	
OBBS NM,	88241	
ax To:	NONE	
	Dan Dunke P. O. Box 2 Hobbs NM,	RINITY OILFIELD SERVICES & RENTALS, LLC DAN DUNKELBERG P. O. BOX 2587 HOBBS NM, 88241 Fax To: NONE

Received:	04/03/2023	Sampling Date:	03/31/2023
Reported:	04/06/2023	Sampling Type:	Soil
Project Name:	MESA VERDE BS UNIT #8	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - LEA CO NM		

Sample ID: CF-055-00.3-NA-S (H231523-03)

BTEX 8021B	mg/	/L	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/04/2023	ND	1.95	97.3	2.00	3.90	
Toluene*	<0.050	0.050	04/04/2023	ND	1.99	99.4	2.00	6.52	
Ethylbenzene*	<0.050	0.050	04/04/2023	ND	2.11	105	2.00	10.4	
Total Xylenes*	<0.150	0.150	04/04/2023	ND	6.40	107	6.00	11.8	
Total BTEX	<0.300	0.300	04/04/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	91.8	% 77.5-12	5						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1760	16.0	04/04/2023	ND	416	104	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/04/2023	ND	198	98.8	200	4.78	
DRO >C10-C28*	1220	10.0	04/04/2023	ND	197	98.3	200	3.18	
EXT DRO >C28-C36	43.3	10.0	04/04/2023	ND					
Surrogate: 1-Chlorooctane	138 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	195 9	% 49.1-14	8						

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



TRINITY (ILFIELD SERVICES & RENTALS, LLC	
DAN DUN	ELBERG	
P. O. BOX	2587	
HOBBS N	I, 88241	
Fax To:	NONE	

Received:	04/03/2023	Sampling Date:	03/31/2023
Reported:	04/06/2023	Sampling Type:	Soil
Project Name:	MESA VERDE BS UNIT #8	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - LEA CO NM		

Sample ID: CF-056-00.3-NA-S (H231523-04)

BTEX 8021B	mg/	Έ	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/04/2023	ND	1.95	97.3	2.00	3.90	
Toluene*	<0.050	0.050	04/04/2023	ND	1.99	99.4	2.00	6.52	
Ethylbenzene*	<0.050	0.050	04/04/2023	ND	2.11	105	2.00	10.4	
Total Xylenes*	<0.150	0.150	04/04/2023	ND	6.40	107	6.00	11.8	
Total BTEX	<0.300	0.300	04/04/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	90.8	% 77.5-12	5						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1220	16.0	04/04/2023	ND	416	104	400	0.00	
TPH 8015M	mg/	'kg	Analyze	d By: MS					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/04/2023	ND	198	98.8	200	4.78	
DRO >C10-C28*	2390	10.0	04/04/2023	ND	197	98.3	200	3.18	
EXT DRO >C28-C36	116	10.0	04/04/2023	ND					
Surrogate: 1-Chlorooctane	144 9	48.2-13	4						
Surrogate: 1-Chlorooctadecane	278 9	% 49.1-14	8						

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



Received:	04/03/2023	Sampling Date:	03/31/2023
Reported:	04/06/2023	Sampling Type:	Soil
Project Name:	MESA VERDE BS UNIT #8	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - LEA CO NM		

Sample ID: CF-009-00.3-NA-S (H231523-05)

BTEX 8021B	mg/	'L	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/04/2023	ND	1.95	97.3	2.00	3.90	
Toluene*	<0.050	0.050	04/04/2023	ND	1.99	99.4	2.00	6.52	
Ethylbenzene*	<0.050	0.050	04/04/2023	ND	2.11	105	2.00	10.4	
Total Xylenes*	<0.150	0.150	04/04/2023	ND	6.40	107	6.00	11.8	
Total BTEX	<0.300	0.300	04/04/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	87.9	% 77.5-12	5						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	864	16.0	04/04/2023	ND	416	104	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/04/2023	ND	198	98.8	200	4.78	
DRO >C10-C28*	254	10.0	04/04/2023	ND	197	98.3	200	3.18	
EXT DRO >C28-C36	116	10.0	04/04/2023	ND					
Surrogate: 1-Chlorooctane	129 9	48.2-13	4						
Surrogate: 1-Chlorooctadecane	128 9	% 49.1-14	8						

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



Received:	04/03/2023	Sampling Date:	03/31/2023
Reported:	04/06/2023	Sampling Type:	Soil
Project Name:	MESA VERDE BS UNIT #8	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - LEA CO NM		

Sample ID: CF-010-00.3-NA-S (H231523-06)

BTEX 8021B	mg/	′L	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/04/2023	ND	1.95	97.3	2.00	3.90	
Toluene*	<0.050	0.050	04/04/2023	ND	1.99	99.4	2.00	6.52	
Ethylbenzene*	<0.050	0.050	04/04/2023	ND	2.11	105	2.00	10.4	
Total Xylenes*	<0.150	0.150	04/04/2023	ND	6.40	107	6.00	11.8	
Total BTEX	<0.300	0.300	04/04/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.0	% 77.5-12	5						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	480	16.0	04/04/2023	ND	416	104	400	0.00	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/04/2023	ND	174	86.8	200	6.37	
DRO >C10-C28*	244	10.0	04/04/2023	ND	206	103	200	3.49	
EXT DRO >C28-C36	144	10.0	04/04/2023	ND					
Surrogate: 1-Chlorooctane	120 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	142 9	% 49.1-14	8						

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



INITY OII	FIELD SE	RVICES	& RENTAI	LS, LLC	
N DUNKE	LBERG				
P. O. BOX 2587					
OBBS NM,	88241				
x To:	NONE				
	AN DUNKE O. BOX 2	AN DUNKELBERG O. BOX 2587 DBBS NM, 88241	AN DUNKELBERG O. BOX 2587 DBBS NM, 88241	O. BOX 2587 DBBS NM, 88241	

Received:	04/03/2023	Sampling Date:	03/31/2023
Reported:	04/06/2023	Sampling Type:	Soil
Project Name:	MESA VERDE BS UNIT #8	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - LEA CO NM		

Sample ID: CF-011-00.3-NA-S (H231523-07)

BTEX 8021B	mg/	'L	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/04/2023	ND	2.04	102	2.00	2.92	
Toluene*	<0.050	0.050	04/04/2023	ND	2.10	105	2.00	4.38	
Ethylbenzene*	<0.050	0.050	04/04/2023	ND	2.06	103	2.00	4.08	
Total Xylenes*	<0.150	0.150	04/04/2023	ND	6.41	107	6.00	4.05	
Total BTEX	<0.300	0.300	04/04/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	105 9	% 77.5-12	5						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	272	16.0	04/04/2023	ND	416	104	400	0.00	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/04/2023	ND	174	86.8	200	6.37	
DRO >C10-C28*	44.1	10.0	04/04/2023	ND	206	103	200	3.49	
EXT DRO >C28-C36	22.1	10.0	04/04/2023	ND					
Surrogate: 1-Chlorooctane	129 9	48.2-13	4						
Surrogate: 1-Chlorooctadecane	146 9	% 49.1-14	8						

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



OILFIELD SERVICES & RENTALS, LLC	
NKELBERG	
X 2587	
NM, 88241	
NONE	
ונ ס ז	Y OILFIELD SERVICES & RENTALS, LLC JNKELBERG OX 2587 NM, 88241 NONE

Received:	04/03/2023	Sampling Date:	03/31/2023
Reported:	04/06/2023	Sampling Type:	Soil
Project Name:	MESA VERDE BS UNIT #8	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - LEA CO NM		

Sample ID: CF-012-00.3-NA-S (H231523-08)

BTEX 8021B	mg,	/L	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/04/2023	ND	2.04	102	2.00	2.92	
Toluene*	<0.050	0.050	04/04/2023	ND	2.10	105	2.00	4.38	
Ethylbenzene*	<0.050	0.050	04/04/2023	ND	2.06	103	2.00	4.08	
Total Xylenes*	<0.150	0.150	04/04/2023	ND	6.41	107	6.00	4.05	
Total BTEX	<0.300	0.300	04/04/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 77.5-12	5						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	496	16.0	04/04/2023	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/04/2023	ND	174	86.8	200	6.37	
DRO >C10-C28*	28.7	10.0	04/04/2023	ND	206	103	200	3.49	
EXT DRO >C28-C36	<10.0	10.0	04/04/2023	ND					
Surrogate: 1-Chlorooctane	100	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	115 9	% 49.1-14	8						

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



OILFIELD SERVICES & RENTALS, LLC						
KELBERG						
P. O. BOX 2587						
М, 88241						
NONE						
N X	IM, 88241					

Received:	04/03/2023	Sampling Date:	03/31/2023
Reported:	04/06/2023	Sampling Type:	Soil
Project Name:	MESA VERDE BS UNIT #8	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - LEA CO NM		

Sample ID: CF-019-00.3-NA-S (H231523-09)

BTEX 8021B	mg/	′L	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/04/2023	ND	2.04	102	2.00	2.92	
Toluene*	<0.050	0.050	04/04/2023	ND	2.10	105	2.00	4.38	
Ethylbenzene*	<0.050	0.050	04/04/2023	ND	2.06	103	2.00	4.08	
Total Xylenes*	<0.150	0.150	04/04/2023	ND	6.41	107	6.00	4.05	
Total BTEX	<0.300	0.300	04/04/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104 9	% 77.5-12	5						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1010	16.0	04/04/2023	ND	416	104	400	0.00	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/04/2023	ND	174	86.8	200	6.37	
DRO >C10-C28*	29.4	10.0	04/04/2023	ND	206	103	200	3.49	
EXT DRO >C28-C36	12.3	10.0	04/04/2023	ND					
Surrogate: 1-Chlorooctane	102 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	116 9	% 49.1-14	8						

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



RINITY OIL	FIELD SEF	VICES &	RENTALS	S, LLC		
AN DUNKE	LBERG					
P. O. BOX 2587						
OBBS NM,	88241					
х То:	NONE					
	AN DUNKE O. BOX 2	AN DUNKELBERG O. BOX 2587 OBBS NM, 88241	AN DUNKELBERG O. BOX 2587 DBBS NM, 88241	O. BOX 2587 DBBS NM, 88241		

Received:	04/03/2023	Sampling Date:	03/31/2023
Reported:	04/06/2023	Sampling Type:	Soil
Project Name:	MESA VERDE BS UNIT #8	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - LEA CO NM		

Sample ID: CF-020-00.3-NA-S (H231523-10)

BTEX 8021B	mg/	Έ	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/04/2023	ND	2.04	102	2.00	2.92	
Toluene*	<0.050	0.050	04/04/2023	ND	2.10	105	2.00	4.38	
Ethylbenzene*	<0.050	0.050	04/04/2023	ND	2.06	103	2.00	4.08	
Total Xylenes*	<0.150	0.150	04/04/2023	ND	6.41	107	6.00	4.05	
Total BTEX	<0.300	0.300	04/04/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104 9	% 77.5-12	5						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	6960	16.0	04/04/2023	ND	416	104	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/04/2023	ND	174	86.8	200	6.37	
DRO >C10-C28*	75.1	10.0	04/04/2023	ND	206	103	200	3.49	
EXT DRO >C28-C36	<10.0	10.0	04/04/2023	ND					
Surrogate: 1-Chlorooctane	98.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	120 \$	% 49.1-14	8						

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



TRINITY OIL	FIELD SERVICES & RENTALS, LLC					
DAN DUNKE	LBERG					
P. O. BOX 2587						
HOBBS NM,	88241					
Fax To:	NONE					
	Dan Dunke P. O. Box 25 Hobbs NM,	HOBBS NM, 88241				

Received:	04/03/2023	Sampling Date:	03/31/2023
Reported:	04/06/2023	Sampling Type:	Soil
Project Name:	MESA VERDE BS UNIT #8	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - LEA CO NM		

Sample ID: CF-021-00.3-NA-S (H231523-11)

BTEX 8021B	mg/	'L	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/04/2023	ND	2.04	102	2.00	2.92	
Toluene*	<0.050	0.050	04/04/2023	ND	2.10	105	2.00	4.38	
Ethylbenzene*	<0.050	0.050	04/04/2023	ND	2.06	103	2.00	4.08	
Total Xylenes*	<0.150	0.150	04/04/2023	ND	6.41	107	6.00	4.05	
Total BTEX	<0.300	0.300	04/04/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	105 9	% 77.5-12	5						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4960	16.0	04/04/2023	ND	416	104	400	0.00	
TPH 8015M	mg/	'kg	Analyze	d By: MS					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/04/2023	ND	174	86.8	200	6.37	
DRO >C10-C28*	123	10.0	04/04/2023	ND	206	103	200	3.49	
EXT DRO >C28-C36	17.7	10.0	04/04/2023	ND					
Surrogate: 1-Chlorooctane	136 9	48.2-13	4						
Surrogate: 1-Chlorooctadecane	161 9	% 49.1-14	8						

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



RINITY OIL	LFIELD SERVICES & RENTALS, LLC	2				
DAN DUNKE	LBERG					
P. O. BOX 2587						
OBBS NM,	88241					
ax To:	NONE					
	Dan Dunke P. O. Box 2 Hobbs NM,	10BBS NM, 88241				

Received:	04/03/2023	Sampling Date:	03/31/2023
Reported:	04/06/2023	Sampling Type:	Soil
Project Name:	MESA VERDE BS UNIT #8	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - LEA CO NM		

Sample ID: CF-022-00.3-NA-S (H231523-12)

BTEX 8021B	mg,	/L	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/04/2023	ND	2.04	102	2.00	2.92	
Toluene*	<0.050	0.050	04/04/2023	ND	2.10	105	2.00	4.38	
Ethylbenzene*	<0.050	0.050	04/04/2023	ND	2.06	103	2.00	4.08	
Total Xylenes*	<0.150	0.150	04/04/2023	ND	6.41	107	6.00	4.05	
Total BTEX	<0.300	0.300	04/04/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 77.5-12	5						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1200	16.0	04/04/2023	ND	416	104	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/04/2023	ND	174	86.8	200	6.37	
DRO >C10-C28*	25.3	10.0	04/04/2023	ND	206	103	200	3.49	
EXT DRO >C28-C36	<10.0	10.0	04/04/2023	ND					
Surrogate: 1-Chlorooctane	117 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	133	% 49.1-14	8						

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ITY OIL	FIELD S	SERVICES	& RENTA	LS, LLC		
DUNKE	LBERG					
P. O. BOX 2587						
BS NM,	88241					
Го:	NONE					
	DUNKE BOX 25	DUNKELBERG . BOX 2587 BS NM, 88241	DUNKELBERG . BOX 2587 BS NM, 88241	BOX 2587 BS NM, 88241		

Received:	04/03/2023	Sampling Date:	03/31/2023
Reported:	04/06/2023	Sampling Type:	Soil
Project Name:	MESA VERDE BS UNIT #8	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - LEA CO NM		

Sample ID: CF-023-00.3-NA-S (H231523-13)

BTEX 8021B	mg/	/L	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/04/2023	ND	2.04	102	2.00	2.92	
Toluene*	<0.050	0.050	04/04/2023	ND	2.10	105	2.00	4.38	
Ethylbenzene*	<0.050	0.050	04/04/2023	ND	2.06	103	2.00	4.08	
Total Xylenes*	<0.150	0.150	04/04/2023	ND	6.41	107	6.00	4.05	
Total BTEX	<0.300	0.300	04/04/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	105 9	% 77.5-12	5						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	208	16.0	04/04/2023	ND	416	104	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/04/2023	ND	174	86.8	200	6.37	
DRO >C10-C28*	<10.0	10.0	04/04/2023	ND	206	103	200	3.49	
EXT DRO >C28-C36	<10.0	10.0	04/04/2023	ND					
Surrogate: 1-Chlorooctane	115 9	48.2-13	4						
Surrogate: 1-Chlorooctadecane	129 9	% 49.1-14	8						

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



RINITY OIL	LFIELD SERVICES & RENTALS, LLC	2				
DAN DUNKE	LBERG					
P. O. BOX 2587						
OBBS NM,	88241					
ax To:	NONE					
	Dan Dunke P. O. Box 2 Hobbs NM,	10BBS NM, 88241				

Received:	04/03/2023	Sampling Date:	03/31/2023
Reported:	04/06/2023	Sampling Type:	Soil
Project Name:	MESA VERDE BS UNIT #8	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - LEA CO NM		

Sample ID: CF-029-00.3-NA-S (H231523-14)

BTEX 8021B	mg,	/L	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/04/2023	ND	2.04	102	2.00	2.92	
Toluene*	<0.050	0.050	04/04/2023	ND	2.10	105	2.00	4.38	
Ethylbenzene*	<0.050	0.050	04/04/2023	ND	2.06	103	2.00	4.08	
Total Xylenes*	<0.150	0.150	04/04/2023	ND	6.41	107	6.00	4.05	
Total BTEX	<0.300	0.300	04/04/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 77.5-12	5						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	04/04/2023	ND	416	104	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/04/2023	ND	174	86.8	200	6.37	
DRO >C10-C28*	26.1	10.0	04/04/2023	ND	206	103	200	3.49	
EXT DRO >C28-C36	<10.0	10.0	04/04/2023	ND					
Surrogate: 1-Chlorooctane	125	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	139	% 49.1-14	8						

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



TY OILFIELD	SERVICES & RENTALS, LLC					
JUNKELBERG						
P. O. BOX 2587						
S NM, 88241						
o: NONE						
5	DUNKELBERG					

Received:	04/03/2023	Sampling Date:	03/31/2023
Reported:	04/06/2023	Sampling Type:	Soil
Project Name:	MESA VERDE BS UNIT #8	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - LEA CO NM		

Sample ID: CF-035-00.3-NA-S (H231523-15)

BTEX 8021B	mg/	/L	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/04/2023	ND	2.04	102	2.00	2.92	
Toluene*	<0.050	0.050	04/04/2023	ND	2.10	105	2.00	4.38	
Ethylbenzene*	<0.050	0.050	04/04/2023	ND	2.06	103	2.00	4.08	
Total Xylenes*	<0.150	0.150	04/04/2023	ND	6.41	107	6.00	4.05	
Total BTEX	<0.300	0.300	04/04/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	106 9	% 77.5-12	5						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	04/04/2023	ND	416	104	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/04/2023	ND	174	86.8	200	6.37	
DRO >C10-C28*	<10.0	10.0	04/04/2023	ND	206	103	200	3.49	
EXT DRO >C28-C36	<10.0	10.0	04/04/2023	ND					
Surrogate: 1-Chlorooctane	114 9	48.2-13	4						
Surrogate: 1-Chlorooctadecane	127 9	% 49.1-14	8						

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



RINITY OIL	LFIELD SERVICES & RENTALS, LLC	2				
DAN DUNKE	LBERG					
P. O. BOX 2587						
OBBS NM,	88241					
ax To:	NONE					
	Dan Dunke P. O. Box 2 Hobbs NM,	10BBS NM, 88241				

Received:	04/03/2023	Sampling Date:	03/31/2023
Reported:	04/06/2023	Sampling Type:	Soil
Project Name:	MESA VERDE BS UNIT #8	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - LEA CO NM		

Sample ID: CF-036-00.3-NA-S (H231523-16)

BTEX 8021B	mg,	/L	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/04/2023	ND	2.04	102	2.00	2.92	
Toluene*	<0.050	0.050	04/04/2023	ND	2.10	105	2.00	4.38	
Ethylbenzene*	<0.050	0.050	04/04/2023	ND	2.06	103	2.00	4.08	
Total Xylenes*	<0.150	0.150	04/04/2023	ND	6.41	107	6.00	4.05	
Total BTEX	<0.300	0.300	04/04/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 77.5-12	5						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	400	16.0	04/04/2023	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/04/2023	ND	174	86.8	200	6.37	
DRO >C10-C28*	17.5	10.0	04/04/2023	ND	206	103	200	3.49	
EXT DRO >C28-C36	<10.0	10.0	04/04/2023	ND					
Surrogate: 1-Chlorooctane	127	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	142	% 49.1-14	8						

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



Y OILFIELD SERVICES & RENTALS, LLC	
JNKELBERG	
DX 2587	
NM, 88241	
NONE	
0	Y OILFIELD SERVICES & RENTALS, LLC UNKELBERG OX 2587 NM, 88241 : NONE

Received:	04/03/2023	Sampling Date:	03/31/2023
Reported:	04/06/2023	Sampling Type:	Soil
Project Name:	MESA VERDE BS UNIT #8	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - LEA CO NM		

Sample ID: CF-037-00.3-NA-S (H231523-17)

BTEX 8021B	mg/	'L	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/04/2023	ND	2.04	102	2.00	2.92	
Toluene*	<0.050	0.050	04/04/2023	ND	2.10	105	2.00	4.38	
Ethylbenzene*	<0.050	0.050	04/04/2023	ND	2.06	103	2.00	4.08	
Total Xylenes*	<0.150	0.150	04/04/2023	ND	6.41	107	6.00	4.05	
Total BTEX	<0.300	0.300	04/04/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	103 9	% 77.5-12	5						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	640	16.0	04/04/2023	ND	416	104	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/04/2023	ND	174	86.8	200	6.37	
DRO >C10-C28*	124	10.0	04/04/2023	ND	206	103	200	3.49	
EXT DRO >C28-C36	57.8	10.0	04/04/2023	ND					
Surrogate: 1-Chlorooctane	132 9	48.2-13	4						
Surrogate: 1-Chlorooctadecane	154 9	% 49.1-14	8						

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



RINITY OIL	FIELD SERVICES & RENTALS, LLC	
AN DUNKEI	LBERG	
. O. BOX 25	587	
OBBS NM,	88241	
ax To:	NONE	
	AN DUNKE . O. BOX 2	RINITY OILFIELD SERVICES & RENTALS, LLC AN DUNKELBERG . O. BOX 2587 IOBBS NM, 88241 ax To: NONE

Received:	04/03/2023	Sampling Date:	03/31/2023
Reported:	04/06/2023	Sampling Type:	Soil
Project Name:	MESA VERDE BS UNIT #8	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - LEA CO NM		

Sample ID: CF-038-00.3-NA-S (H231523-18)

BTEX 8021B	mg/	Έ	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/04/2023	ND	2.04	102	2.00	2.92	
Toluene*	<0.050	0.050	04/04/2023	ND	2.10	105	2.00	4.38	
Ethylbenzene*	<0.050	0.050	04/04/2023	ND	2.06	103	2.00	4.08	
Total Xylenes*	<0.150	0.150	04/04/2023	ND	6.41	107	6.00	4.05	
Total BTEX	<0.300	0.300	04/04/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	103 9	% 77.5-12	5						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4240	16.0	04/04/2023	ND	416	104	400	3.77	QM-07
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/04/2023	ND	174	86.8	200	6.37	
DRO >C10-C28*	62.6	10.0	04/04/2023	ND	206	103	200	3.49	
EXT DRO >C28-C36	19.8	10.0	04/04/2023	ND					
Surrogate: 1-Chlorooctane	117 9	48.2-13	4						
Surrogate: 1-Chlorooctadecane	136 9	% 49.1-14	8						

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



RINITY OIL	FIELD SERVICES & RENTALS, LLC	
AN DUNKEI	LBERG	
. O. BOX 25	587	
OBBS NM,	88241	
ax To:	NONE	
	AN DUNKE . O. BOX 2	RINITY OILFIELD SERVICES & RENTALS, LLC AN DUNKELBERG . O. BOX 2587 IOBBS NM, 88241 ax To: NONE

Received:	04/03/2023	Sampling Date:	03/31/2023
Reported:	04/06/2023	Sampling Type:	Soil
Project Name:	MESA VERDE BS UNIT #8	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - LEA CO NM		

Sample ID: CF-039-00.3-NA-S (H231523-19)

BTEX 8021B	mg/	′L	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/04/2023	ND	2.04	102	2.00	2.92	
Toluene*	<0.050	0.050	04/04/2023	ND	2.10	105	2.00	4.38	
Ethylbenzene*	<0.050	0.050	04/04/2023	ND	2.06	103	2.00	4.08	
Total Xylenes*	<0.150	0.150	04/04/2023	ND	6.41	107	6.00	4.05	
Total BTEX	<0.300	0.300	04/04/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	105 9	% 77.5-12	5						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	5440	16.0	04/04/2023	ND	416	104	400	3.77	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/04/2023	ND	174	86.8	200	6.37	
DRO >C10-C28*	84.4	10.0	04/04/2023	ND	206	103	200	3.49	
EXT DRO >C28-C36	13.0	10.0	04/04/2023	ND					
Surrogate: 1-Chlorooctane	126 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	144 9	% 49.1-14	8						

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ITY OIL	FIELD S	SERVICES	& RENTA	ALS, LLC	
DUNKE	LBERG				
BOX 25	587				
BS NM,	88241				
Го:	NONE				
	DUNKE BOX 25	DUNKELBERG BOX 2587 BS NM, 88241	DUNKELBERG BOX 2587 BS NM, 88241	DUNKELBERG BOX 2587 BS NM, 88241	BOX 2587 BS NM, 88241

Received:	04/03/2023	Sampling Date:	03/31/2023
Reported:	04/06/2023	Sampling Type:	Soil
Project Name:	MESA VERDE BS UNIT #8	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - LEA CO NM		

Sample ID: CF-040-00.3-NA-S (H231523-20)

BTEX 8021B	mg/	'L	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/04/2023	ND	2.04	102	2.00	2.92	
Toluene*	<0.050	0.050	04/04/2023	ND	2.10	105	2.00	4.38	
Ethylbenzene*	<0.050	0.050	04/04/2023	ND	2.06	103	2.00	4.08	
Total Xylenes*	<0.150	0.150	04/04/2023	ND	6.41	107	6.00	4.05	
Total BTEX	<0.300	0.300	04/04/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	106 9	% 77.5-12	5						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2200	16.0	04/04/2023	ND	416	104	400	3.77	
TPH 8015M	mg/	'kg	Analyze	d By: MS					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/04/2023	ND	174	86.8	200	6.37	
DRO >C10-C28*	282	10.0	04/04/2023	ND	206	103	200	3.49	
EXT DRO >C28-C36	39.9	10.0	04/04/2023	ND					
Surrogate: 1-Chlorooctane	121 9	48.2-13	4						
Surrogate: 1-Chlorooctadecane	154 9	% 49.1-14	8						

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



TRINITY (ILFIELD SERVICES & RENTALS, LLC	
DAN DUN	ELBERG	
P. O. BOX	2587	
HOBBS N	I, 88241	
Fax To:	NONE	

Received:	04/03/2023	Sampling Date:	03/31/2023
Reported:	04/06/2023	Sampling Type:	Soil
Project Name:	MESA VERDE BS UNIT #8	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - LEA CO NM		

Sample ID: CF-041-00.3-NA-S (H231523-21)

BTEX 8021B	mg/	′L	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/04/2023	ND	2.04	102	2.00	2.92	
Toluene*	<0.050	0.050	04/04/2023	ND	2.10	105	2.00	4.38	
Ethylbenzene*	<0.050	0.050	04/04/2023	ND	2.06	103	2.00	4.08	
Total Xylenes*	<0.150	0.150	04/04/2023	ND	6.41	107	6.00	4.05	
Total BTEX	<0.300	0.300	04/04/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	105 9	% 77.5-12	5						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	880	16.0	04/04/2023	ND	416	104	400	3.77	
TPH 8015M	mg/	′kg	Analyze	d By: MS					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/04/2023	ND	174	86.8	200	6.37	
DRO >C10-C28*	655	10.0	04/04/2023	ND	206	103	200	3.49	
EXT DRO >C28-C36	176	10.0	04/04/2023	ND					
Surrogate: 1-Chlorooctane	127 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	181 9	% 49.1-14	8						

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



OILFIELD SERVICES & RENTALS, LLC	
KELBERG	
2587	
М, 88241	
NONE	
N X	OILFIELD SERVICES & RENTALS, LLC NKELBERG X 2587 IM, 88241 NONE

Received:	04/03/2023	Sampling Date:	03/31/2023
Reported:	04/06/2023	Sampling Type:	Soil
Project Name:	MESA VERDE BS UNIT #8	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - LEA CO NM		

Sample ID: CF-042-00.3-NA-S (H231523-22)

BTEX 8021B	mg,	/L	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/04/2023	ND	2.04	102	2.00	2.92	
Toluene*	<0.050	0.050	04/04/2023	ND	2.10	105	2.00	4.38	
Ethylbenzene*	<0.050	0.050	04/04/2023	ND	2.06	103	2.00	4.08	
Total Xylenes*	<0.150	0.150	04/04/2023	ND	6.41	107	6.00	4.05	
Total BTEX	<0.300	0.300	04/04/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 77.5-12	5						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2240	16.0	04/04/2023	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/04/2023	ND	174	86.8	200	6.37	
DRO >C10-C28*	282	10.0	04/04/2023	ND	206	103	200	3.49	
EXT DRO >C28-C36	49.4	10.0	04/04/2023	ND					
Surrogate: 1-Chlorooctane	120	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	152	% 49.1-14	8						

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ITY OIL	FIELD S	SERVICES	& RENTA	ALS, LLC	
DUNKE	LBERG				
BOX 25	587				
BS NM,	88241				
Го:	NONE				
	DUNKE BOX 25	DUNKELBERG BOX 2587 BS NM, 88241	DUNKELBERG BOX 2587 BS NM, 88241	DUNKELBERG BOX 2587 BS NM, 88241	BOX 2587 BS NM, 88241

Received:	04/03/2023	Sampling Date:	03/31/2023
Reported:	04/06/2023	Sampling Type:	Soil
Project Name:	MESA VERDE BS UNIT #8	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - LEA CO NM		

Sample ID: CF-043-00.3-NA-S (H231523-23)

BTEX 8021B	mg/	'L	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/04/2023	ND	2.04	102	2.00	2.92	
Toluene*	<0.050	0.050	04/04/2023	ND	2.10	105	2.00	4.38	
Ethylbenzene*	<0.050	0.050	04/04/2023	ND	2.06	103	2.00	4.08	
Total Xylenes*	<0.150	0.150	04/04/2023	ND	6.41	107	6.00	4.05	
Total BTEX	<0.300	0.300	04/04/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104 9	% 77.5-12	5						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1060	16.0	04/04/2023	ND	416	104	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/04/2023	ND	174	86.8	200	6.37	
DRO >C10-C28*	246	10.0	04/04/2023	ND	206	103	200	3.49	
EXT DRO >C28-C36	93.7	10.0	04/04/2023	ND					
Surrogate: 1-Chlorooctane	115 9	48.2-13	4						
Surrogate: 1-Chlorooctadecane	142 9	% 49.1-14	8						

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



INITY OII	FIELD SE	RVICES	& RENTAI	LS, LLC
N DUNKE	LBERG			
O. BOX 2	587			
OBBS NM,	88241			
x To:	NONE			
	AN DUNKE O. BOX 2	AN DUNKELBERG O. BOX 2587 DBBS NM, 88241	AN DUNKELBERG O. BOX 2587 DBBS NM, 88241	O. BOX 2587 DBBS NM, 88241

Received:	04/03/2023	Sampling Date:	03/31/2023
Reported:	04/06/2023	Sampling Type:	Soil
Project Name:	MESA VERDE BS UNIT #8	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - LEA CO NM		

Sample ID: CF-044-00.3-NA-S (H231523-24)

BTEX 8021B	mg/	′L	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/04/2023	ND	2.04	102	2.00	2.92	
Toluene*	<0.050	0.050	04/04/2023	ND	2.10	105	2.00	4.38	
Ethylbenzene*	<0.050	0.050	04/04/2023	ND	2.06	103	2.00	4.08	
Total Xylenes*	<0.150	0.150	04/04/2023	ND	6.41	107	6.00	4.05	
Total BTEX	<0.300	0.300	04/04/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	103 9	% 77.5-12	5						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	608	16.0	04/04/2023	ND	416	104	400	3.77	
TPH 8015M	mg/	′kg	Analyze	d By: MS					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/04/2023	ND	174	86.8	200	6.37	
DRO >C10-C28*	1380	10.0	04/04/2023	ND	206	103	200	3.49	
EXT DRO >C28-C36	498	10.0	04/04/2023	ND					
Surrogate: 1-Chlorooctane	116 9	48.2-13	4						
Surrogate: 1-Chlorooctadecane	186 9	% 49.1-14	8						

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



DILFIELD SERVICES & RENTALS, LLC	
KELBERG	
2587	
ባ, 88241	
NONE	
	OILFIELD SERVICES & RENTALS, LLC IKELBERG (2587 M, 88241 NONE

Received:	04/03/2023	Sampling Date:	03/31/2023
Reported:	04/06/2023	Sampling Type:	Soil
Project Name:	MESA VERDE BS UNIT #8	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - LEA CO NM		

Sample ID: CF-045-00.3-NA-S (H231523-25)

BTEX 8021B	mg/	/L	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/04/2023	ND	2.04	102	2.00	2.92	
Toluene*	<0.050	0.050	04/04/2023	ND	2.10	105	2.00	4.38	
Ethylbenzene*	<0.050	0.050	04/04/2023	ND	2.06	103	2.00	4.08	
Total Xylenes*	<0.150	0.150	04/04/2023	ND	6.41	107	6.00	4.05	
Total BTEX	<0.300	0.300	04/04/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	103 9	% 77.5-12	5						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	320	16.0	04/04/2023	ND	416	104	400	3.77	
TPH 8015M	mg/	/kg	Analyze	d By: MS					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/04/2023	ND	174	86.8	200	6.37	
DRO >C10-C28*	1470	10.0	04/04/2023	ND	206	103	200	3.49	
EXT DRO >C28-C36	453	10.0	04/04/2023	ND					
Surrogate: 1-Chlorooctane	121 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	196 \$	% 49.1-14	8						

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



INITY OII	FIELD SE	RVICES	& RENTAI	LS, LLC
N DUNKE	LBERG			
O. BOX 2	587			
OBBS NM,	88241			
x To:	NONE			
	AN DUNKE O. BOX 2	AN DUNKELBERG O. BOX 2587 DBBS NM, 88241	AN DUNKELBERG O. BOX 2587 DBBS NM, 88241	O. BOX 2587 DBBS NM, 88241

Received:	04/03/2023	Sampling Date:	03/31/2023
Reported:	04/06/2023	Sampling Type:	Soil
Project Name:	MESA VERDE BS UNIT #8	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - LEA CO NM		

Sample ID: CF-046-00.3-NA-S (H231523-26)

BTEX 8021B	mg,	/L	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/04/2023	ND	2.04	102	2.00	2.92	
Toluene*	<0.050	0.050	04/04/2023	ND	2.10	105	2.00	4.38	
Ethylbenzene*	<0.050	0.050	04/04/2023	ND	2.06	103	2.00	4.08	
Total Xylenes*	<0.150	0.150	04/04/2023	ND	6.41	107	6.00	4.05	
Total BTEX	<0.300	0.300	04/04/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 77.5-12	5						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	320	16.0	04/04/2023	ND	416	104	400	3.77	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/04/2023	ND	201	101	200	1.10	
DRO >C10-C28*	488	10.0	04/04/2023	ND	187	93.4	200	4.17	QM-07
EXT DRO >C28-C36	179	10.0	04/04/2023	ND					
Surrogate: 1-Chlorooctane	108	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	143	% 49.1-14	8						

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



INITY OII	FIELD SE	RVICES	& RENTAI	LS, LLC
N DUNKE	LBERG			
O. BOX 2	587			
OBBS NM,	88241			
x To:	NONE			
	AN DUNKE O. BOX 2	AN DUNKELBERG O. BOX 2587 DBBS NM, 88241	AN DUNKELBERG O. BOX 2587 DBBS NM, 88241	O. BOX 2587 DBBS NM, 88241

Received:	04/03/2023	Sampling Date:	03/31/2023
Reported:	04/06/2023	Sampling Type:	Soil
Project Name:	MESA VERDE BS UNIT #8	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - LEA CO NM		

Sample ID: CF-047-00.3-NA-S (H231523-27)

BTEX 8021B	mg,	/L	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/04/2023	ND	2.06	103	2.00	5.81	
Toluene*	<0.050	0.050	04/04/2023	ND	2.11	106	2.00	4.16	
Ethylbenzene*	<0.050	0.050	04/04/2023	ND	2.09	105	2.00	4.73	
Total Xylenes*	<0.150	0.150	04/04/2023	ND	6.30	105	6.00	5.30	
Total BTEX	<0.300	0.300	04/04/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 77.5-12	5						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	04/04/2023	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/04/2023	ND	201	101	200	1.10	
DRO >C10-C28*	1530	10.0	04/04/2023	ND	187	93.4	200	4.17	
EXT DRO >C28-C36	544	10.0	04/04/2023	ND					
Surrogate: 1-Chlorooctane	107	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	170	% 49.1-14	8						

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



Received:	04/03/2023	Sampling Date:	03/31/2023
Reported:	04/06/2023	Sampling Type:	Soil
Project Name:	MESA VERDE BS UNIT #8	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - LEA CO NM		

Sample ID: CF-048-00.3-NA-S (H231523-28)

BTEX 8021B	mg/	/L	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/04/2023	ND	2.06	103	2.00	5.81	
Toluene*	<0.050	0.050	04/04/2023	ND	2.11	106	2.00	4.16	
Ethylbenzene*	<0.050	0.050	04/04/2023	ND	2.09	105	2.00	4.73	
Total Xylenes*	<0.150	0.150	04/04/2023	ND	6.30	105	6.00	5.30	
Total BTEX	<0.300	0.300	04/04/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 9	% 77.5-12	5						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	04/04/2023	ND	416	104	400	3.77	
TPH 8015M	mg/	/kg	Analyze	d By: MS					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/04/2023	ND	201	101	200	1.10	
DRO >C10-C28*	1240	10.0	04/04/2023	ND	187	93.4	200	4.17	
EXT DRO >C28-C36	336	10.0	04/04/2023	ND					
Surrogate: 1-Chlorooctane	104 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	171 \$	% 49.1-14	8						

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



TRINITY OIL	FIELD SERVICES & RENTALS, LLC	
DAN DUNKE	LBERG	
P. O. BOX 25	587	
HOBBS NM,	88241	
Fax To:	NONE	

Received:	04/03/2023	Sampling Date:	03/31/2023
Reported:	04/06/2023	Sampling Type:	Soil
Project Name:	MESA VERDE BS UNIT #8	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - LEA CO NM		

Sample ID: CF-049-00.3-NA-S (H231523-29)

BTEX 8021B	mg/	/L	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/04/2023	ND	2.06	103	2.00	5.81	
Toluene*	<0.050	0.050	04/04/2023	ND	2.11	106	2.00	4.16	
Ethylbenzene*	<0.050	0.050	04/04/2023	ND	2.09	105	2.00	4.73	
Total Xylenes*	<0.150	0.150	04/04/2023	ND	6.30	105	6.00	5.30	
Total BTEX	<0.300	0.300	04/04/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 9	% 77.5-12	5						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	336	16.0	04/04/2023	ND	416	104	400	3.77	
TPH 8015M	mg/	/kg	Analyze	d By: MS					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/04/2023	ND	201	101	200	1.10	
DRO >C10-C28*	954	10.0	04/04/2023	ND	187	93.4	200	4.17	
EXT DRO >C28-C36	415	10.0	04/04/2023	ND					
Surrogate: 1-Chlorooctane	108 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	156 9	% 49.1-14	8						

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



OILFIELD SERVICES & RENTALS, LLC	
NKELBERG	
X 2587	
NM, 88241	
NONE	
ונ ס ז	Y OILFIELD SERVICES & RENTALS, LLC JNKELBERG OX 2587 NM, 88241 NONE

Received:	04/03/2023	Sampling Date:	03/31/2023
Reported:	04/06/2023	Sampling Type:	Soil
Project Name:	MESA VERDE BS UNIT #8	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - LEA CO NM		

Sample ID: CF-050-00.3-NA-S (H231523-30)

BTEX 8021B	mg/	/L	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/04/2023	ND	2.06	103	2.00	5.81	
Toluene*	<0.050	0.050	04/04/2023	ND	2.11	106	2.00	4.16	
Ethylbenzene*	<0.050	0.050	04/04/2023	ND	2.09	105	2.00	4.73	
Total Xylenes*	<0.150	0.150	04/04/2023	ND	6.30	105	6.00	5.30	
Total BTEX	<0.300	0.300	04/04/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.4	% 77.5-12	5						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	384	16.0	04/04/2023	ND	416	104	400	3.77	
TPH 8015M	mg/	/kg	Analyze	d By: MS					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/04/2023	ND	201	101	200	1.10	
DRO >C10-C28*	771	10.0	04/04/2023	ND	187	93.4	200	4.17	
EXT DRO >C28-C36	280	10.0	04/04/2023	ND					
Surrogate: 1-Chlorooctane	105 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	151 9	% 49.1-14	8						

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ITY OIL	FIELD S	SERVICES	& RENTA	LS, LLC
DUNKE	LBERG			
BOX 2	587			
BS NM,	88241			
Го:	NONE			
	DUNKE . BOX 25	DUNKELBERG . BOX 2587 BS NM, 88241	DUNKELBERG . BOX 2587 BS NM, 88241	BOX 2587 BS NM, 88241

Received:	04/03/2023	Sampling Date:	03/31/2023
Reported:	04/06/2023	Sampling Type:	Soil
Project Name:	MESA VERDE BS UNIT #8	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - LEA CO NM		

Sample ID: CF-051-00.3-NA-S (H231523-31)

BTEX 8021B	mg,	Έ	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/04/2023	ND	2.06	103	2.00	5.81	
Toluene*	<0.050	0.050	04/04/2023	ND	2.11	106	2.00	4.16	
Ethylbenzene*	<0.050	0.050	04/04/2023	ND	2.09	105	2.00	4.73	
Total Xylenes*	<0.150	0.150	04/04/2023	ND	6.30	105	6.00	5.30	
Total BTEX	<0.300	0.300	04/04/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 77.5-12	5						
Chloride, SM4500Cl-B	mg,	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	384	16.0	04/04/2023	ND	416	104	400	3.77	
TPH 8015M	mg,	'kg	Analyze	d By: MS					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/04/2023	ND	201	101	200	1.10	
DRO >C10-C28*	1050	10.0	04/04/2023	ND	187	93.4	200	4.17	
EXT DRO >C28-C36	370	10.0	04/04/2023	ND					
Surrogate: 1-Chlorooctane	115 9	48.2-13	4						
Surrogate: 1-Chlorooctadecane	171	% 49.1-14	8						

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



RINITY OIL	FIELD SERVICES & RENTALS, LLC	
DAN DUNKE	LBERG	
P. O. BOX 25	587	
OBBS NM,	88241	
ax To:	NONE	
	Dan Dunke P. O. Box 2 Hobbs NM,	RINITY OILFIELD SERVICES & RENTALS, LLC DAN DUNKELBERG P. O. BOX 2587 HOBBS NM, 88241 Fax To: NONE

Received:	04/03/2023	Sampling Date:	03/31/2023
Reported:	04/06/2023	Sampling Type:	Soil
Project Name:	MESA VERDE BS UNIT #8	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - LEA CO NM		

Sample ID: CF-052-00.3-NA-S (H231523-32)

BTEX 8021B	mg,	/L	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/04/2023	ND	2.06	103	2.00	5.81	
Toluene*	<0.050	0.050	04/04/2023	ND	2.11	106	2.00	4.16	
Ethylbenzene*	<0.050	0.050	04/04/2023	ND	2.09	105	2.00	4.73	
Total Xylenes*	<0.150	0.150	04/04/2023	ND	6.30	105	6.00	5.30	
Total BTEX	<0.300	0.300	04/04/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 77.5-12	5						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	400	16.0	04/04/2023	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/04/2023	ND	201	101	200	1.10	
DRO >C10-C28*	1530	10.0	04/04/2023	ND	187	93.4	200	4.17	
EXT DRO >C28-C36	440	10.0	04/04/2023	ND					
Surrogate: 1-Chlorooctane	104	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	179	% 49.1-14	8						

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



Notes and Definitions

S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
QR-04	The RPD for the BS/BSD was outside of historical limits.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C
	Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager

| Sampler - OFS - Dus - Other: | | Delivered By: (Circle One) | | Refinquished By: | carting 1, o marked | Relinquished By: | amuses or successors ansing out or or related to the perior | artialyses, All claims including those for negligence and any
service. In no event shall Cardinal be liable for incidental or | PLEASE NOTE: Liability and Damages. Cardinal's liability a | 10 CF-020-00.3-NA-S | 9 CF-019-00.3-NA-S

 | 8 CF-012-00.3-NA-S | 7 CF-011-00.3-NA-S

 | 6 CF-010-00.3-NA-S

 | S CF-009-00.3-NA-S | 4 CF-056-00.3-NA-S | | _ | (CF-053-00.3-NA-S | Lab I.D. Sam

 | H231523 | FOR LAB USE ONLY | Sampler Name: GM | Project Location: | Project Name: Mesa Verde BS Unit # | Project #: | Phone #:
 | City: Hobbs | Address: 8426 N Dal Paso | Project Manager: Dan Dunkelberg | Company Name: Trinity Oilfield Ser | NCARDINAL
Laboratories |
|--|--|--|--|---|--|---|---|--|--|--
--
--
--|---
--
--
--
--|---|--|--|---|---
--
---	---	---	---	--
--	---	--		
1,4 No		Observed Temp. °C	Time:	Date: Received By:

 | C 1 X | C 1 X

 | C 1 X

 | S C 1 X | C 1 X | C 1 X | C 1 X | C 1 X | (G)RAB
CONT
GROUN
WASTE
SOIL
OIL

 | AINERS
IDWATER
WATER | MATRIX | | | dan@trinityoilfieldservices.com | Project Owner: (see below) | Fax #:
 | State: NM Zip: 88241 | | 5 | vices | 101 East Marland, Hobbs, NM 88240
(575) 393-2326 FAX (575) 393-2476 |
| -f
 | (Initials) | ON CHECKED BY: | | | DAMIN I. | nola, | claim is based upon any of the above stat | ig and received by Cardinal within 34 day
lons, loss of use, or loss of profits incurre | intract or tort, shall be limited to the amou | 3/31/2023 | 3/31/2023

 | 3/31/2023 | 3/31/2023

 | 3/31/2023

 | 3/31/2023 | 3/31/2023 | 3/31/2023 | 3/31/2023 | 3/31/2023 | ACID/B/
ICE / CO

 | ASE:
DOL | PRESERV. SAM | Fax #: | Phone #: | State: Zip: | City: | Address:
 | Attn: Wade Dittrich | Company: OXY USA Inc | P.O. #: | BILL TO | 0 |
| Thermometer ID #113
Correction Factor -0.6 °C | | Turnaround Time: | | REMARKS: | | Verbal Result:
All Results are emailed | ed reasons of otherwise. | s arrer compresion or the appricable
d by client, its subsidiaries, | nt paid by the client for the | × | ×

 | × | ×

 | ×

 | × | × | × | × | × | TIME
Chlorid

 | de | PLING | | | | |
 | | | | | |
| | Rush | Standar | | | | Please provide Ema | | | | X X | × ×

 | ××× | × ×

 | × ×

 | ××× | ×× | × × | × × | _ |

 | | | | | | | | | | | |
 | | | | | CHAIN- |
| | | X | | | | | | | | |

 | |

 |

 | | | | | |

 | | | | | | | | | | | |
 | | | _ | ANA | OF-CUSTO |
| | Intac | Bacteria (only) Samp | | | | one #: | | | | |

 | |

 |

 | | | | | |

 | | | | | | | | | | | |
 | | | | LYSIS REQUES | DY AND ANA |
| Corrected Temp. °C | Observed Temp. °C | ole Condition | | | | | | | | |

 | |

 |

 | | | | | |

 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
 | | | | 1 | CHAIN-OF-CUSTODY AND ANALYSIS REQUEST |
| | Corrected temp. C. 1.4 Tress Tress Tess Tess Tess Tess Tess Te | Cool Initials Rush Cool Intact Yes Yes Yes Yes Yes Yes No No Correction Factor -0.6 °C No No | Observed Temp. °C Sample Condition CHECKED BY: Turnaround Time: Standard X Bacteria (only) Sample Co Cool Infact (Initials) (Initials) Rush Cool Infact Corrected Temp. °C // 4 // Ves // Ves Yes Yes Yes Yes No No No Correction Factor 40.6 °C No No No No | Time: Time: Sample Condition CHECKED BY: Turnaround Time: Standard X Bacteria (only) Sample Co Observed Temp. °C Cool Iptact (Initials) Cool Intact Rush Cool Intact Corrected Temp. °C Yes Yes Yes Yes Yes Mo No No Correction Factor 4.6 °C No No | Date: Received By: REMARKS: Time: Condition Condition CHECKED BY: Remarks: Observed Temp. °C Sample Condition CHECKED BY: Turnaround Time: Standard X Corrected Temp. °C Cool Iptact (Initials) Cool Intact Rush Cool Intact Corrected Temp. °C // Yes Yes Yes Yes Yes No No No No No No | Time Date: Received By: REMARKS: Time: Received By: REMARKS: Time: Sample Condition CheckED BY: Observed Temp. °C Sample Condition CHECKED BY: Corrected Temp. °C Cool Intact (Initials) Ves Yes Yes No No No | Under: Time Image: No No Add I Presults are emailed. Please provide Email address: Image: Date: Received By: Image: Received By: Remarks: Image: Received By: Remarks: Remarks: Image: Cool Intact: (Initials) Remarker ID #113 Corrected Temp. °C No No No No No No No | Name of the submerge of colored and output of the sound output | ete for incidental er consequent unamou hannes in hanne i | Conduction and only of using and reactive by Cardinal within 30 days after completion of the applicable organice and any other cause whatboow related to show mixing and reactive by Cardinal within 30 days after completion of the applicable. Add'1 Phone #:: No Add'1 Phone #:: Mo Mo | 0-00.3-NA-S C 1 X <th< td=""><td>9-00.3-NA-S C 1 X I 3/31/2023 X X X X I <thi< th=""> I</thi<></td><td>2-00.3-NA-S C 1 X I <thi< th=""> I <thi< td=""><td>I-00.3-NA-S C 1 X I I I X <th< td=""><td>$\begin{array}{c c c c c c c c c c c c c c c c c c c$</td><td>$\begin{array}{c c c c c c c c c c c c c c c c c c c$</td><td>$\begin{array}{c c c c c c c c c c c c c c c c c c c$</td><td>$\begin{array}{c c c c c c c c c c c c c c c c c c c$</td><td>$\begin{array}{c c c c c c c c c c c c c c c c c c c$</td><td>3:00:3:NA-S C 1 I <thi< th=""> I <thi< th=""> I <thi< th=""> <thi< <="" td=""><td>$\begin{array}{ c c c c c c c c c c c c c c c c c c c$</td><td>$\begin{array}{ c c c c } Sample LD. & Simple A B B G (C) COMP. \\ \hline Support S (C) (C) A B B G (C) (C) MP. \\ \hline Support S (C) (C) (C) (C) (C) (C) (C) (C) (C) (C)$</td><td>$\begin{array}{ c c c c c } \hline Sample LD. & ARTRV PRESERV SAUVAGE SAUVAGE For the formation of the set of the set of the formation of the set of the form$</td><td>$\begin{array}{ c c c c } \hline \begin{tabular}{ c c c c } \hline \hline \begin{tabular}{ c c c c } \hline \hline \begin{tabular}{ c c c c c } \hline \hline \begin{tabular}{ c c c c c c c c c c c c c c c c c c c$</td><td>Image: State in the intervence of the inter</td><td>$\begin the state the state of the state of$</td><td>$\begin{array}{ c c c c } \hline Project Contrar: (see blody) \hline City: \\ \hline Project Biology \\ \hline Project Contrar: \\ \hline Project Contre: \\ \hline Project Contrar: \\ \hline Project Contre:$</td><td>Fra. 8: Address: angerindyolite/decome: (a) ebiowi Project Owne: (a) ebiowi (a) ebiowi Project Owne: (a) ebiowi (a) ebiowi (a) ebiowi Project Owne: (a) ebiowi (a) ebiowi (a) ebiowi (a) ebiowi Project Owne: (a) ebiowi (a) ebiowi (a) ebiowi (a) ebiowi (a) ebiowi Project Owne: (a) ebiowi (a) ebiowi (a) ebiowi (a) ebiowi (a) ebiowi Project Owne: (a) ebiowi (a) ebiowi (a) ebiowi (a) ebiowi (a) ebiowi <th(a) ebiowi<="" th=""> Project O</th(a)></td><td>State: NI Zp: Mode network Mode net</td><td>Line: NM: Company: OVU (Sk.loc. Fin.et: Rule: Address: Number 2000 Fin.et: Rule: 2012 Fin.et: Rule: Rule:</td><td>Individency
(10) State: India:
(might noise) Company:
(might noise) OVUSA.le.
(might noise) India:
(might noise) Indi:
(might noise) <thindi:
(might noise)</thindi:
</td><td> </td></thi<></thi<></thi<></thi<></td></th<></td></thi<></thi<></td></th<> | 9-00.3-NA-S C 1 X I 3/31/2023 X X X X I <thi< th=""> I</thi<> | 2-00.3-NA-S C 1 X I <thi< th=""> I <thi< td=""><td>I-00.3-NA-S C 1 X I I I X <th< td=""><td>$\begin{array}{c c c c c c c c c c c c c c c c c c c$</td><td>$\begin{array}{c c c c c c c c c c c c c c c c c c c$</td><td>$\begin{array}{c c c c c c c c c c c c c c c c c c c$</td><td>$\begin{array}{c c c c c c c c c c c c c c c c c c c$</td><td>$\begin{array}{c c c c c c c c c c c c c c c c c c c$</td><td>3:00:3:NA-S C 1 I <thi< th=""> I <thi< th=""> I <thi< th=""> <thi< <="" td=""><td>$\begin{array}{ c c c c c c c c c c c c c c c c c c c$</td><td>$\begin{array}{ c c c c } Sample LD. & Simple A B B G (C) COMP. \\ \hline Support S (C) (C) A B B G (C) (C) MP. \\ \hline Support S (C) (C) (C) (C) (C) (C) (C) (C) (C) (C)$</td><td>$\begin{array}{ c c c c c } \hline Sample LD. & ARTRV PRESERV SAUVAGE SAUVAGE For the formation of the set of the set of the formation of the set of the form$</td><td>$\begin{array}{ c c c c } \hline \begin{tabular}{ c c c c } \hline \hline \begin{tabular}{ c c c c } \hline \hline \begin{tabular}{ c c c c c } \hline \hline \begin{tabular}{ c c c c c c c c c c c c c c c c c c c$</td><td>Image: State in the intervence of the inter</td><td>$\begin the state the state of the state of$</td><td>$\begin{array}{ c c c c } \hline Project Contrar: (see blody) \hline City: \\ \hline Project Biology \\ \hline Project Contrar: \\ \hline Project Contre: \\ \hline Project Contrar: \\ \hline Project Contre:$</td><td>Fra. 8: Address: angerindyolite/decome: (a) ebiowi Project Owne: (a) ebiowi (a) ebiowi Project Owne: (a) ebiowi (a) ebiowi (a) ebiowi Project Owne: (a) ebiowi (a) ebiowi (a) ebiowi (a) ebiowi Project Owne: (a) ebiowi (a) ebiowi (a) ebiowi (a) ebiowi (a) ebiowi Project Owne: (a) ebiowi (a) ebiowi (a) ebiowi (a) ebiowi (a) ebiowi Project Owne: (a) ebiowi (a) ebiowi (a) ebiowi (a) ebiowi (a) ebiowi <th(a) ebiowi<="" th=""> Project O</th(a)></td><td>State: NI Zp: Mode network Mode net</td><td>Line: NM: Company: OVU (Sk.loc. Fin.et: Rule: Address: Number 2000 Fin.et: Rule: 2012 Fin.et: Rule: Rule:</td><td>Individency
(10) State: India:
(might noise) Company:
(might noise) OVUSA.le.
(might noise) India:
(might noise) Indi:
(might noise) <thindi:
(might noise)</thindi:
</td><td> </td></thi<></thi<></thi<></thi<></td></th<></td></thi<></thi<> | I-00.3-NA-S C 1 X I I I X <th< td=""><td>$\begin{array}{c c c c c c c c c c c c c c c c c c c$</td><td>$\begin{array}{c c c c c c c c c c c c c c c c c c c$</td><td>$\begin{array}{c c c c c c c c c c c c c c c c c c c$</td><td>$\begin{array}{c c c c c c c c c c c c c c c c c c c$</td><td>$\begin{array}{c c c c c c c c c c c c c c c c c c c$</td><td>3:00:3:NA-S C 1 I <thi< th=""> I <thi< th=""> I <thi< th=""> <thi< <="" td=""><td>$\begin{array}{ c c c c c c c c c c c c c c c c c c c$</td><td>$\begin{array}{ c c c c } Sample LD. & Simple A B B G (C) COMP. \\ \hline Support S (C) (C) A B B G (C) (C) MP. \\ \hline Support S (C) (C) (C) (C) (C) (C) (C) (C) (C) (C)$</td><td>$\begin{array}{ c c c c c } \hline Sample LD. & ARTRV PRESERV SAUVAGE SAUVAGE For the formation of the set of the set of the formation of the set of the form$</td><td>$\begin{array}{ c c c c } \hline \begin{tabular}{ c c c c } \hline \hline \begin{tabular}{ c c c c } \hline \hline \begin{tabular}{ c c c c c } \hline \hline \begin{tabular}{ c c c c c c c c c c c c c c c c c c c$</td><td>Image: State in the intervence of the inter</td><td>$\begin the state the state of the state of$</td><td>$\begin{array}{ c c c c } \hline Project Contrar: (see blody) \hline City: \\ \hline Project Biology \\ \hline Project Contrar: \\ \hline Project Contre: \\ \hline Project Contrar: \\ \hline Project Contre:$</td><td>Fra. 8: Address: angerindyolite/decome: (a) ebiowi Project Owne: (a) ebiowi (a) ebiowi Project Owne: (a) ebiowi (a) ebiowi (a) ebiowi Project Owne: (a) ebiowi (a) ebiowi (a) ebiowi (a) ebiowi Project Owne: (a) ebiowi (a) ebiowi (a) ebiowi (a) ebiowi (a) ebiowi Project Owne: (a) ebiowi (a) ebiowi (a) ebiowi (a) ebiowi (a) ebiowi Project Owne: (a) ebiowi (a) ebiowi (a) ebiowi (a) ebiowi (a) ebiowi <th(a) ebiowi<="" th=""> Project O</th(a)></td><td>State: NI Zp: Mode network Mode net</td><td>Line: NM: Company: OVU (Sk.loc. Fin.et: Rule: Address: Number 2000 Fin.et: Rule: 2012 Fin.et: Rule: Rule:</td><td>Individency
(10) State: India:
(might noise) Company:
(might noise) OVUSA.le.
(might noise) India:
(might noise) Indi:
(might noise) <thindi:
(might noise)</thindi:
</td><td> </td></thi<></thi<></thi<></thi<></td></th<> | $ \begin{array}{c c c c c c c c c c c c c c c c c c c $ | $\begin{array}{c c c c c c c c c c c c c c c c c c c $ | $\begin{array}{c c c c c c c c c c c c c c c c c c c $ | $ \begin{array}{c c c c c c c c c c c c c c c c c c c $ | $ \begin{array}{c c c c c c c c c c c c c c c c c c c $ | 3:00:3:NA-S C 1 I <thi< th=""> I <thi< th=""> I <thi< th=""> <thi< <="" td=""><td>$\begin{array}{ c c c c c c c c c c c c c c c c c c c$</td><td>$\begin{array}{ c c c c } Sample LD. & Simple A B B G (C) COMP. \\ \hline Support S (C) (C) A B B G (C) (C) MP. \\ \hline Support S (C) (C) (C) (C) (C) (C) (C) (C) (C) (C)$</td><td>$\begin{array}{ c c c c c } \hline Sample LD. & ARTRV PRESERV SAUVAGE SAUVAGE For the formation of the set of the set of the formation of the set of the form$</td><td>$\begin{array}{ c c c c } \hline \begin{tabular}{ c c c c } \hline \hline \begin{tabular}{ c c c c } \hline \hline \begin{tabular}{ c c c c c } \hline \hline \begin{tabular}{ c c c c c c c c c c c c c c c c c c c$</td><td>Image: State in the intervence of the inter</td><td>$\begin the state the state of the state of$</td><td>$\begin{array}{ c c c c } \hline Project Contrar: (see blody) \hline City: \\ \hline Project Biology \\ \hline Project Contrar: \\ \hline Project Contre: \\ \hline Project Contrar: \\ \hline Project Contre:$</td><td>Fra. 8: Address: angerindyolite/decome: (a) ebiowi Project Owne: (a) ebiowi (a) ebiowi Project Owne: (a) ebiowi (a) ebiowi (a) ebiowi Project Owne: (a) ebiowi (a) ebiowi (a) ebiowi (a) ebiowi Project Owne: (a) ebiowi (a) ebiowi (a) ebiowi (a) ebiowi (a) ebiowi Project Owne: (a) ebiowi (a) ebiowi (a) ebiowi (a) ebiowi (a) ebiowi Project Owne: (a) ebiowi (a) ebiowi (a) ebiowi (a) ebiowi (a) ebiowi <th(a) ebiowi<="" th=""> Project O</th(a)></td><td>State: NI Zp: Mode network Mode net</td><td>Line: NM: Company: OVU (Sk.loc. Fin.et: Rule: Address: Number 2000 Fin.et: Rule: 2012 Fin.et: Rule: Rule:</td><td>Individency
(10) State: India:
(might noise) Company:
(might noise) OVUSA.le.
(might noise) India:
(might noise) Indi:
(might noise) <thindi:
(might noise)</thindi:
</td><td> </td></thi<></thi<></thi<></thi<> | $ \begin{array}{ c c c c c c c c c c c c c c c c c c c$ | $ \begin{array}{ c c c c } Sample LD. & Simple A B B G (C) COMP. \\ \hline Support S (C) (C) A B B G (C) (C) MP. \\ \hline Support S (C) (C) (C) (C) (C) (C) (C) (C) (C) (C)$ | $ \begin{array}{ c c c c c } \hline Sample LD. & ARTRV PRESERV SAUVAGE SAUVAGE For the formation of the set of the set of the formation of the set of the form$ | $ \begin{array}{ c c c c } \hline \begin{tabular}{ c c c c } \hline \hline \begin{tabular}{ c c c c } \hline \hline \begin{tabular}{ c c c c c } \hline \hline \begin{tabular}{ c c c c c c c c c c c c c c c c c c c$ | Image: State in the intervence of the inter | $\begin the state the state of the state of$ | $ \begin{array}{ c c c c } \hline Project Contrar: (see blody) \hline City: \\ \hline Project Biology \\ \hline Project Contrar: \\ \hline Project Contre: \\ \hline Project Contrar: \\ \hline Project Contre:$ | Fra. 8: Address: angerindyolite/decome: (a) ebiowi Project Owne: (a) ebiowi (a) ebiowi Project Owne: (a) ebiowi (a) ebiowi (a) ebiowi Project Owne: (a) ebiowi (a) ebiowi (a) ebiowi (a) ebiowi Project Owne: (a) ebiowi (a) ebiowi (a) ebiowi (a) ebiowi (a) ebiowi Project Owne: (a) ebiowi (a) ebiowi (a) ebiowi (a) ebiowi (a) ebiowi Project Owne: (a) ebiowi (a) ebiowi (a) ebiowi (a) ebiowi (a) ebiowi <th(a) ebiowi<="" th=""> Project O</th(a)> | State: NI Zp: Mode network Mode net | Line: NM: Company: OVU (Sk.loc. Fin.et: Rule: Address: Number 2000 Fin.et: Rule: 2012 Fin.et: Rule: Rule: | Individency
(10) State: India:
(might noise) Company:
(might noise) OVUSA.le.
(might noise) India:
(might noise) Indi:
(might noise) <thindi:
(might noise)</thindi:
 | |

Page 35 of 38

	nallabsnm.c	ne@cardi	celey.ke	changes to	ease email o	+ Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com	ot verbal of	lot accep	inal can	+ Card			
				actor -0.6 °C	Correction Factor -0.6 °C			No	No	-	11		
Yes Yes	[r ID #113	Thermometer ID #113	9	4	Mes	Yes	R	Corrected Temp. °C/ d		Sampler - UPS - Bus - Other:
Cool Intact Observed Temp. °C	_	Rush				(Initials)	(In	act	Cool Int	1.0			
Bacteria (only) Sample Condition	×	Standard		Time:	Turnaround Time:	CHECKED BY:	CHEC	ndition	Sample Condition	s o	Observed Temp. °C		Delivered By: (Circle One)
											Time:		
												(
					REMARKS:				d By:	Received By:	Date:		Relinquished By:
						these	anno.	MM	mm		010	1	110
	and cost		i. Ficase p		nii nesuits are cilialien, ricase provine ciliali anniess.	The second		1040			Time:/ / A	2 apresidente	(Marman)
Add'l Phone #:			Yes	ult:	All Deculto are	111	100		d By:	A Received By:	Date: 2-23	A.	Kelinquisned By:
				herwise.	ated reasons or ot	any of the above sta	is based upon a	ir such daim i	ess of wheth	linal, regard	arco of services hereunder by Cardina, regardess of whether such claim is based upon any of the above stated reasons or otherwise	simulates or successors ansing out or or related to the performance of	analates or successors ansin
				bsidiarles,	ed by client, its sut	oss of profits incurre	oss of use, or lo	Nerruptions, k	n, business i	hout limitati	intal damages, including wi	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	service. In no event shall Car
			o	ant for the n of the applicab	unt paid by the client for the ys after completion of the at	in contract or lort, shall be limited to the arrior writing and received by Cardinal within 30 day	or lort, shall be received by Ca	in writing and	unless made	med waived	s exclusive remedy for any se whatsoever shall be dee	recursors on the interview of the control of the co	analyses. All daims including
		×	×	×		3/31/2023			×	C 1			
		×	×	×		3/31/2023		E	×	C 1		CF-039-00.3-NA-S	-
		×	×	×		3/31/2023			×	C 1		CF-038-00.3-NA-S	
		×	×	×		3/31/2023			×	C 1		CF-037-00.3-NA-S	7
		×	×	X		3/31/2023			×	C 1		CF-036-00.3-NA-S	16
		×	×	×		3/31/2023			×	C 1		CF-035-00.3-NA-S	15
		×	×	×		3/31/2023			×	C 1		CF-029-00.3-NA-S	14
		×	×	×		3/31/2023			×	C 1		CF-023-00.3-NA-S	51
		×	×	×		3/31/2023			×	C 1		CF-022-00.3-NA-S	12
		×	×	×		3/31/2023			×	C 1		CF-021-00.3-NA-S	11
		BTEX	ТРН	Chloride	TIME	DATE	ACID/BASE: ICE / COOL OTHER :	OIL SLUDGE OTHER :	GROUNDWATER WASTEWATER SOIL	(G)RAB OR (C)OMP. # CONTAINERS	.D.	Sample I.D.	Has IS23
					SAMPLING		PRESERV.	RIX	MATRIX				FOR LAB USE ONLY
							Fax #:	Fa				GM	Sampler Name:
							Phone #:	Ph					Project Location:
						Zip:	State:		vices.co	lfieldse	dan@trinityoilfieldservices.com	Mesa Verde BS Unit #8	Project Name:
							ty:	City:	(see below)		Project Owner:		Project #:
							Address:	Ad			Fax #:		Phone #:
					h	Wade Dittrich	tn:	Attn:	88241	Zip:	State: NM	Hobbs	City:
					c.	OXY USA Inc.	Company:	Co				8426 N Dal Paso	Address:
							P.O. #:	P.C				Project Manager: Dan Dunkelberg	Project Manager:
ANALYSIS REQUEST						BILL TO						Trinity Oilfield Services	Company Name:
CHAIN-OF-CUSTODY AND ANALYSIS REQUEST	OF-CUS	HAIN-(0					8240 476	5) 393-2	d, Hobi AX (57:	101 East Marland, Hobbs, NM 88240 (575) 393-2326 FAX (575) 393-2476	aboratories	Lab
))	

	Sampler - UPS - Bus - Other:	Delivered By: (Circle One)			Relinquished By:	man yound	Relinquished By:	affiliates or successors aris	analyses. All daims includii service. In no event shall C	PLEASE NOTE: Liability a	N.	90	20	LC	2	200	24	e la	aa	2	Lab I.D.	H231523	FOR LAS USE ONLY	Sampler Name:	Project Location:	Project Name:	Project #:	Phone #:	City:	Address:	Project Manager: Dan Dunkelberg	Company Name:	N Lab
	us - Other:				Ċ	20 Latiman	an in the	affiliates or successors arising out of or related to the performance of services thereunder by Cardinal, regardless of whether succident is used upon any or a ward or or any or a ward or any or any or a ward or a ward or any or a ward or any o	analyses. All claims including those for negligence and any other cause winasoverv area or vorunnor winnow any other sectors. Including the sector is been by cleant, its subsidiaries, 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 cleant, its subsidiaries, 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 cleant, its subsidiaries, 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 cleant, its subsidiaries, service, and the profit of the above stated reasons or otherwise.	PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive ramedy for any daim arising whether	CF-050-00.3-NA-S	CF-049-00.3-NA-S	CF-048-00.3-NA-S	CF-047-00.3-NA-S	CF-046-00.3-NA-S	CF-045-00.3-NA-S	CF-044-00.3-NA-S	CF-043-00.3-NA-S	CF-042-00.3-NA-S	CF-041-00.3-NA-S	Sample I.D.			GM		Mesa Verde BS Unit #8			Hobbs	8426 N Dal Paso	Dan Dunkelberg	Trinity Oilfield Services	aboratories
	Corrected Temp. °C	Observed Temp. °C	line.	Timo.		Time:6/0	G	of services hereunder by Cardin	ause whatsoever shall be been a juental damages, including witho	int's exclusive remedy for any da	С	c	C	С	С	С	С	C	C	C		RAB OR (C)OMP.				dan@trinityoilfieldservices.com	Project Owner:	Fax #:	State: NM Zip:				101 East Marland, Hobbs, NM 88240 (575) 393-2326 FAX (575) 393-2476
+ Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com	Yes Yes	Sample Condition			Received By:	JOINOL	Necessed by.	al, regardless of whether such	ut limitation, business interruption	im arising whether based in co	1 X	1 X	1 X	1 X	1 X	1 X	1 X	1 X	1 ×	1 X	GR WA SOI OIL	- UDGE	MATRIX	-	-				88241	6	-		lobbs, NM 88240 (575) 393-2476
accept verbal chan	.7	(Initials)				JONN V.	1111		ions, loss of use, or loss of pro	sed in contract or tort, shall be timited to the amount pairs by the centre of the ap a la writing and received by Cardinal within 30 days after completion of the ap	3/31/	3/31/2023	3/31/2023	3/31/2023	3/31/2023	3/31/2023	3/31/2023	3/31/2023	3/31/2023	3/31/2023	AC ICE OT	HER : ID/BASE: E / COOL HER :	PRESERV.	Fax #:	Phone #:	State: Zip:	City:	Address:	Attn: Wade Dittrich	oany:	P.O. #:	BILL TO	
ges. Please email o	Correction Factor -0.6 °C	BY: Turnaround Time:			REMARKS:	M	All Results	Verbal Result:	where a stated reasons or offly	o the amount paid by the clean thin 30 days after completion	3/31/2023	2023	2023	2023	2023	2023	2023	2023	2023	2023	DATE TIME		SAMPLING						Dittrich	SA Inc.		. 10	
changes to	r ID #113 actor -0.6 °C	Time:					are emailed.	Ť	sidiaries. erwise.	of the applicable	×	×	×	×	×	×	×	×	× ×	×	C	hloride											
celey.keene		70 0	2				Please provid	Yes			×	×	×	×	×	×	×	×	< ×	×	+	PH			-							-	СНА
@cardinallabs		Rush	_				All Results are emailed. Please provide Email address:	No			×	×	< ×	×	×	×	×	. >	< ×	: >	< B.	TEX											IN-OF-CU
snm.com							S.	Add'l Phone #:							-																	MINALIO	STODY A
	No No	d Intact	Bactoria (only) Sample Condition					a																									ND ANALY
	Corrected Temp. °C	Observed Temp. °C	a Condition																													_	CHAIN-OF-CUSTODY AND ANALYSIS REQUEST
	p. °C	o. °C									_																						EST

Page 37 of 38

				CHAIN-OF-	F-CUSTODY AND ANALYSIS REQUEST	ANALYSIS RI	EQUEST	
Laboratories	25 (575) 393-2326 FAX (575) 393-2476	6 4						
Company Name: Trinity Oilfield Services	Services	BILL TO			ANALYSIS REQUEST	QUEST	-	-
Project Manager: Dan Dunkelberg	07	P.O. #:						
Address: 8426 N Dal Paso	SO	Company: OXY USA Inc.	c.					
	State: NM Zip: 88241	Attn: Wade Dittrich	5					
e#:	Fax #:	Address:						
Project #:	Project Owner: (see below)	City:						
Project Name: Mesa Verde BS Unit #8	nit #8 dan@trinityoilfieldservices.com	State: Zip:						
<u></u>		Phone #:						
Sampler Name: GM		Fax #:						
_	MATRIX	PRESERV.	SAMPLING					
FOR LAB USE ONLY								
)RAB OR (C)OM CONTAINERS ROUNDWATER ASTEWATER DIL IL	LUDGE THER : CID/BASE: EE / COOL THER :	Chloride	TPH BTEX				
CE_051_00	C 1 X	3/31/2023	×	× ×				
	C 1	3/31/2023	×	××				+
5								+
								-
1								+
								+
								+
-							_	+
								+
	has	ed in contract or tort, shall be limited to the amount paid by the client for the	nount paid by the client for the			-		
analyses. All daims including those for negligence a service. In no event shall Cardinal be liable for inclu	LCNSE_NUTELowing was userney on complexition of the galaxies whatbooker shall be deemed valved unless made in writing and nocified by: Cardinal within 30 days after complexition of the splicable analyses. All daries studied galaxies was an experiment of the splicable analyses, and the splicable analyses in the splicable analyses. All daries splicable and nocified by: Cardinal within 30 days after complexition of the splicable analyses. All daries splicable analyses, based task, or loss of profits incumed by dient. Its subsidiaties, service, in no event shall Cardinal be liable for incidential or consequential damages, inclusing within a matterial transfers temptions, loss of terms, or loss of profits incumed by dient. Its subsidiaties, service, in no event shall Cardinal be liable for incidential or consequential damages, inclusing within a matterial transfers temption.	h writing and received by Cardinal within 30 emuptions, loss of use, or loss of profits incleanuptions, loss of use, or loss of profits incleanuption any of the above	days after completion of the applicable irred by client, its subsidiaries, stated reasons or otherwise.					
affiliates or successors ansing out of or related to the	affildades or successors ansang out of or reason to universe involvement by the centre of the second by: / / / / / / / / / / / / / / / / / / /	JUV	Verbal Result:	Yes No	Add'l Phone #:			
White Mary	Time (10		All Results are emailed.	All Results are emailed. Please provide Email address:	Iress:			
Relinquished By:	Date: Received By:	e e e e e e e e e e e e e e e e e e e	REMARKS:					
	Time:	-				Live comple Condition		
Delivered By: (Circle One)	Observed Temp. °C Sample Condition	act (Initials)	Turnaround Time:	Standard Rush	X Bacteria Cool	Bacteria (only) Sample Condition Cool Intact Observ	Observed Temp. °C	
Sampler - UPS - Bus - Other:	Corrected Temp. °C/		Thermometer ID #113		Yes	Yes No Correct	Corrected Temp. °C	
	† Cardinal can	+ Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com	Please email changes to	celey.keene@cardinal	labsnm.com			

Page 38 of 38



April 20, 2023

DAN DUNKELBERG TRINITY OILFIELD SERVICES & RENTALS, LLC P. O. BOX 2587 HOBBS, NM 88241

RE: MESA VERDE BS UNIT #8

Enclosed are the results of analyses for samples received by the laboratory on 04/14/23 14:58.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. 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 accreditated through the State of Colorado Department of Public Health and Environment for:

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

Celey D. Keine

Celey D. Keene Lab Director/Quality Manager



TRINITY O	ILFIELD SERVICES & RENTALS, LLC	
DAN DUNK	ELBERG	
P. O. BOX	2587	
HOBBS NM	, 88241	
Fax To:	NONE	

Received:	04/14/2023	Sampling Date:	04/14/2023
Reported:	04/20/2023	Sampling Type:	Soil
Project Name:	MESA VERDE BS UNIT #8	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - LEA CO NM		

Sample ID: CF-044-01.0-NA-S (H231813-01)

BTEX 8021B	mg	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/19/2023	ND	2.03	101	2.00	7.37	
Toluene*	<0.050	0.050	04/19/2023	ND	2.13	106	2.00	7.23	
Ethylbenzene*	<0.050	0.050	04/19/2023	ND	2.09	105	2.00	7.68	
Total Xylenes*	<0.150	0.150	04/19/2023	ND	6.49	108	6.00	8.22	
Total BTEX	<0.300	0.300	04/19/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	04/19/2023	ND	416	104	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/19/2023	ND	179	89.6	200	2.79	
DRO >C10-C28*	<10.0	10.0	04/19/2023	ND	175	87.4	200	2.11	
EXT DRO >C28-C36	<10.0	10.0	04/19/2023	ND					
Surrogate: 1-Chlorooctane	99.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	111 9	% 49.1-14	8						

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



TR	INITY OI	LFIELD S	ERVICES & RENTALS, LLC
DA	n dunke	LBERG	
Ρ.	O. BOX 2	587	
HC	BBS NM,	88241	
Fax	k To:	NONE	

Received:	04/14/2023	Sampling Date:	04/14/2023
Reported:	04/20/2023	Sampling Type:	Soil
Project Name:	MESA VERDE BS UNIT #8	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - LEA CO NM		

Sample ID: CF-045-01.0-NA-S (H231813-02)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/19/2023	ND	1.81	90.4	2.00	15.9	QR-03
Toluene*	<0.050	0.050	04/19/2023	ND	1.87	93.6	2.00	16.7	QR-03
Ethylbenzene*	<0.050	0.050	04/19/2023	ND	1.90	95.1	2.00	16.1	QR-03
Total Xylenes*	<0.150	0.150	04/19/2023	ND	5.83	97.2	6.00	14.8	QR-03
Total BTEX	<0.300	0.300	04/19/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	04/19/2023	ND	416	104	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/19/2023	ND	179	89.6	200	2.79	
DRO >C10-C28*	<10.0	10.0	04/19/2023	ND	175	87.4	200	2.11	
EXT DRO >C28-C36	<10.0	10.0	04/19/2023	ND					
Surrogate: 1-Chlorooctane	99.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	110 9	% 49.1-14	8						

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



TRINITY (ILFIELD SERVICES & RENTALS, LLC	
DAN DUN	ELBERG	
P. O. BOX	2587	
HOBBS N	l, 88241	
Fax To:	NONE	

Received:	04/14/2023	Sampling Date:	04/14/2023
Reported:	04/20/2023	Sampling Type:	Soil
Project Name:	MESA VERDE BS UNIT #8	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - LEA CO NM		

Sample ID: CF-047-01.0-NA-S (H231813-03)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/19/2023	ND	1.81	90.4	2.00	15.9	
Toluene*	<0.050	0.050	04/19/2023	ND	1.87	93.6	2.00	16.7	
Ethylbenzene*	<0.050	0.050	04/19/2023	ND	1.90	95.1	2.00	16.1	
Total Xylenes*	<0.150	0.150	04/19/2023	ND	5.83	97.2	6.00	14.8	
Total BTEX	<0.300	0.300	04/19/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	105 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	04/19/2023	ND	416	104	400	0.00	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/19/2023	ND	179	89.6	200	2.79	
DRO >C10-C28*	543	10.0	04/19/2023	ND	175	87.4	200	2.11	
EXT DRO >C28-C36	113	10.0	04/19/2023	ND					
Surrogate: 1-Chlorooctane	93.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	102 9	% 49.1-14	8						

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



TRINITY OII	FIELD SERVICES & RENTALS, LLC	
DAN DUNKE	LBERG	
P. O. BOX 2	587	
HOBBS NM,	88241	
Fax To:	NONE	
	DAN DUNKE P. O. BOX 2 HOBBS NM,	TRINITY OILFIELD SERVICES & RENTALS, LLC DAN DUNKELBERG P. O. BOX 2587 HOBBS NM, 88241 Fax To: NONE

Received:	04/14/2023	Sampling Date:	04/14/2023
Reported:	04/20/2023	Sampling Type:	Soil
Project Name:	MESA VERDE BS UNIT #8	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - LEA CO NM		

Sample ID: CF-048-01.0-NA-S (H231813-04)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/19/2023	ND	1.81	90.4	2.00	15.9	
Toluene*	<0.050	0.050	04/19/2023	ND	1.87	93.6	2.00	16.7	
Ethylbenzene*	<0.050	0.050	04/19/2023	ND	1.90	95.1	2.00	16.1	
Total Xylenes*	<0.150	0.150	04/19/2023	ND	5.83	97.2	6.00	14.8	
Total BTEX	<0.300	0.300	04/19/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	103 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	04/19/2023	ND	400	100	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/19/2023	ND	179	89.6	200	2.79	
DRO >C10-C28*	<10.0	10.0	04/19/2023	ND	175	87.4	200	2.11	
EXT DRO >C28-C36	<10.0	10.0	04/19/2023	ND					
Surrogate: 1-Chlorooctane	106 9	48.2-13	4						
Surrogate: 1-Chlorooctadecane	119 9	49.1-14	8						

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	04/14/2023	Sampling Date:	04/14/2023
Reported:	04/20/2023	Sampling Type:	Soil
Project Name:	MESA VERDE BS UNIT #8	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - LEA CO NM		

Sample ID: CF-051-01.0-NA-S (H231813-05)

BTEX 8021B	mg/	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/19/2023	ND	1.81	90.4	2.00	15.9	
Toluene*	<0.050	0.050	04/19/2023	ND	1.87	93.6	2.00	16.7	
Ethylbenzene*	<0.050	0.050	04/19/2023	ND	1.90	95.1	2.00	16.1	
Total Xylenes*	<0.150	0.150	04/19/2023	ND	5.83	97.2	6.00	14.8	
Total BTEX	<0.300	0.300	04/19/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	04/19/2023	ND	400	100	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/19/2023	ND	179	89.6	200	2.79	
DRO >C10-C28*	<10.0	10.0	04/19/2023	ND	175	87.4	200	2.11	
EXT DRO >C28-C36	<10.0	10.0	04/19/2023	ND					
Surrogate: 1-Chlorooctane	99.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	110 9	% 49.1-14	8						

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



TRINITY OI	FIELD SERVICES & RENTALS, LLC	
DAN DUNKE	LBERG	
P. O. BOX 2	587	
HOBBS NM,	88241	
Fax To:	NONE	

Received:	04/14/2023	Sampling Date:	04/14/2023
Reported:	04/20/2023	Sampling Type:	Soil
Project Name:	MESA VERDE BS UNIT #8	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - LEA CO NM		

Sample ID: CF-052-01.0-NA-S (H231813-06)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/19/2023	ND	1.81	90.4	2.00	15.9	
Toluene*	<0.050	0.050	04/19/2023	ND	1.87	93.6	2.00	16.7	
Ethylbenzene*	<0.050	0.050	04/19/2023	ND	1.90	95.1	2.00	16.1	
Total Xylenes*	<0.150	0.150	04/19/2023	ND	5.83	97.2	6.00	14.8	
Total BTEX	<0.300	0.300	04/19/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	105 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	04/19/2023	ND	400	100	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/19/2023	ND	179	89.6	200	2.79	
DRO >C10-C28*	<10.0	10.0	04/19/2023	ND	175	87.4	200	2.11	
EXT DRO >C28-C36	<10.0	10.0	04/19/2023	ND					
Surrogate: 1-Chlorooctane	96.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	109 9	% 49.1-14							

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	04/14/2023	Sampling Date:	04/14/2023
Reported:	04/20/2023	Sampling Type:	Soil
Project Name:	MESA VERDE BS UNIT #8	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - LEA CO NM		

Sample ID: CF-053-01.0-NA-S (H231813-07)

BTEX 8021B	mg/	′kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/19/2023	ND	1.81	90.4	2.00	15.9	
Toluene*	<0.050	0.050	04/19/2023	ND	1.87	93.6	2.00	16.7	
Ethylbenzene*	<0.050	0.050	04/19/2023	ND	1.90	95.1	2.00	16.1	
Total Xylenes*	<0.150	0.150	04/19/2023	ND	5.83	97.2	6.00	14.8	
Total BTEX	<0.300	0.300	04/19/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	04/19/2023	ND	400	100	400	0.00	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/19/2023	ND	179	89.6	200	2.79	
DRO >C10-C28*	<10.0	10.0	04/19/2023	ND	175	87.4	200	2.11	
EXT DRO >C28-C36	<10.0	10.0	04/19/2023	ND					
Surrogate: 1-Chlorooctane	95.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	105 9	% 49.1-14	8						

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	04/14/2023	Sampling Date:	04/14/2023
Reported:	04/20/2023	Sampling Type:	Soil
Project Name:	MESA VERDE BS UNIT #8	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - LEA CO NM		

Sample ID: CF-055-01.0-NA-S (H231813-08)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/19/2023	ND	1.81	90.4	2.00	15.9	
Toluene*	<0.050	0.050	04/19/2023	ND	1.87	93.6	2.00	16.7	
Ethylbenzene*	<0.050	0.050	04/19/2023	ND	1.90	95.1	2.00	16.1	
Total Xylenes*	<0.150	0.150	04/19/2023	ND	5.83	97.2	6.00	14.8	
Total BTEX	<0.300	0.300	04/19/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	04/19/2023	ND	400	100	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/19/2023	ND	179	89.6	200	2.79	
DRO >C10-C28*	<10.0	10.0	04/19/2023	ND	175	87.4	200	2.11	
EXT DRO >C28-C36	<10.0	10.0	04/19/2023	ND					
Surrogate: 1-Chlorooctane	86.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	98.4	% 49.1-14	8						

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



TF	TRINITY OILFIELD SERVICES & RENTALS, LLC											
DA	DAN DUNKELBERG											
Ρ.	P. O. BOX 2587											
H	HOBBS NM, 88241											
Fa	x To:	NONE										

Received:	04/14/2023	Sampling Date:	04/14/2023
Reported:	04/20/2023	Sampling Type:	Soil
Project Name:	MESA VERDE BS UNIT #8	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - LEA CO NM		

Sample ID: CF-056-01.0-NA-S (H231813-09)

BTEX 8021B	mg/	′kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/19/2023	ND	1.81	90.4	2.00	15.9	
Toluene*	<0.050	0.050	04/19/2023	ND	1.87	93.6	2.00	16.7	
Ethylbenzene*	<0.050	0.050	04/19/2023	ND	1.90	95.1	2.00	16.1	
Total Xylenes*	<0.150	0.150	04/19/2023	ND	5.83	97.2	6.00	14.8	
Total BTEX	<0.300	0.300	04/19/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	105 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	04/19/2023	ND	400	100	400	0.00	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/19/2023	ND	179	89.6	200	2.79	
DRO >C10-C28*	554	10.0	04/19/2023	ND	175	87.4	200	2.11	
EXT DRO >C28-C36	113	10.0	04/19/2023	ND					
Surrogate: 1-Chlorooctane	97.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	109 9	% 49.1-14	8						

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



Notes and Definitions

QR-04	The RPD for the BS/BSD was outside of historical limits.
QR-03	The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values.
BS-3	Blank spike recovery outside of lab established statistical limits, but still within method limits. Data is not adversely affected.
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 SM4500CI-B does not require samples be received at or below 6°C
	Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager

	Sampler - UPS - Bus - Other:	Delivered By: (Circle One)	ā	(Relinquished By:	5000.	1	Relinquished By:	affiliates or successors arising	analyses. All claims including	PLEASE NOTE: Liability and		0	~	4	6	5	40		2		Lap 1.0.	1-24-10	H231813	CODI AR USE ONLY	Sampler Name: JC	Project Location:	Project Name: Me		Phone #:			Project manager: 20	nint Manager: Dan Dunkelberg	Company Name: Tri	Lanur	CARD
	s - Other:	e One)				our and			service. In to event sum commune or encodence to the performance of services hareunder by Cardinal, regardless of whether such cardinal in come over or the test of the performance of services hareunder by Cardinal, regardless of whether such cardinal in the commune of the performance of services hareunder by Cardinal, regardless of whether such cardinal in the commune of the performance of services hareunder by Cardinal, regardless of whether such cardinal in the commune of the performance of services hareunder by Cardinal, regardless of whether such cardinal in the commune of the performance of services hareunder by Cardinal, regardless of whether such cardinal in the commune of the performance of services hareunder by Cardinal, regardless of whether such cardinal in the commune of the performance of services hareunder by Cardinal, regardless of whether such cardinal in the commune of the performance of services hareunder by Cardinal, regardless of whether such cardinal in the commune of the performance of services hareunder by Cardinal, regardless of whether such cardinal in the commune of the performance of services hareunder by Cardinal, regardless of whether such cardinal in the commune of the performance	analyses. All claims including those for negligence and any other cause whasevere area or over the second profile incurred by cleint, its source area of the second profile incurred by cleint, its source area of the second profile incurred by cleint, its source area of the second profile incurred by cleint, its source area of the second profile incurred by cleint, its source area of the second profile incurred by cleint as source area of the second profile incurred by cleint, its source area of the second profile incurred by cleint, its source area of the second profile incurred by cleint, its source area of the second profile incurred by cleint.	pIEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remotify to any daim atting wreare users users and reserved by Cardinal within 30 days after completion of the ap		CF-056-01.0-NA-S	CF-055-01.0-NA-S	CF-053-01.0-NA-S	CF-052-01.0-NA-S	CF-051-01.0-NA-S	CF-048-01.0-NA-S	CF-04/-01.0-NM-S	CF-045-01.0-10-0	CF-044-01.0-107-0		Sample I.D.					Mesa Verde BS Unit #o				550	8426 N Dal Paso	in Dunkelberg	Company Name: Trinity Oilfield Services	anui aunies (
	Corrected Temp. °C4.7	Observed Temp. °C		Time:	Date:	1 1400	Timer	Date: 14/72	ice of services hereunder by Card	sequental damages, including with	client's exclusive remedy for any c		C	C					0	C	C			RAB OR (C)OMP.				uniter in the second	dan@trinitvoilfieldservices.com			State: NM Zip:				(575) 393-2326 FAX (575) 393-24/b	101 East Marland, Hobbs, NM 88240
	7	Observed Temp. °C Sample Condition			Received By:	MUMM	11111	Received By	inal, regardless of whether such	hout limitation, business interrup	daim ansing whereir based in with				×	• -	• -		-	-	-	1	# 0 GF W/ S0 S1	CONTAINERS ROUNDWATER ASTEWATER DIL LL LUDGE	MATRIX					(see helow)		88241	0	-		(575) 393-24/b	obbs, NM 88240
cannot accent verbal changes. Please email changes to celey.keene@cardinallapsfilli.com	e e	/		3		and Kran	11/1/ 6/40	111	Claim is beach upon with a	tions, loss of use, or loss of profi	ng and received by Cardinal with	ontract or tort, shall be limited to		4/14/2023	4/14/2023	4/14/2023	4/14/2023	4/14/2023	4/14/2023	4/14/2023	4/14/2023	4/14/2023		THER : CID/BASE: E / COOL THER :	PAESEAV.		Fax #:	Phone #:	State: Zip:	City:	Address:	Attn: Wade Dittrich	Company: OXY USA Inc.	RO. #:			
ies. Please email ch	Correction Factor -0.6 °C		Turnaround Time:			REMARKS:	A	All Results are	Verbal Result:	ts incurred by client, its subsidia above stated reasons or otherwi	in 30 days after completion of th	the amount paid by the client for		023	023	023	023	023)23)23	123	123	t			SAMPLING						trich	Inc.		0	2	
anges to celey.	or -0,6 °C	5	me:					emailed. Please	Yes	58.	e applicable	the		××	× ×	× ×	××	××	××	+	+	+	+	Chloride TPH													우
keene@cardina		Rush	Standard					All Results are emailed. Please provide Email address:	No					×	×	×	×	×	: ×	× ×	. >	< >	×	BTEX													IAIN-OF-C
llapsilin.com			×					dress:	Add'l Phone #:																											ANALYS	USTODY
	No No	Cool Intact Yes Yes	Bacteria (only) Sample Condition						ē #				_																							ANALYSIS REQUEST	AND ANALYS
	Corrected Temp. °C	Observed temp. o	le Condition		•								1.00																						-	-	CHAIN-OF-CUSTODY AND ANALYSIS REQUEST
	G	c																					-													_	

Page 12 of 12



October 19, 2023

DAN DUNKELBERG TRINITY OILFIELD SERVICES & RENTALS, LLC P. O. BOX 2587

HOBBS, NM 88241

RE: MESA VERDE BS UNIT #8

Enclosed are the results of analyses for samples received by the laboratory on 10/02/23 15:45.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/ga/lab_accred_certif.html.

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

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

Cardinal Laboratories is accredited through the State of New Mexico Environment Department for:

Method SM 9223-B	Total Coliform and E. coli (Colilert MMO-MUG)
Method EPA 524.2	Regulated VOCs and Total Trihalomethanes (TTHM)
Method EPA 552.2	Total Haloacetic Acids (HAA-5)

Accreditation applies to public drinking water matrices for State of Colorado and New Mexico.

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

Sincerely,

Celey D. Keine

Celey D. Keene Lab Director/Quality Manager



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

Analytical Results For:

			NONE	
	_	Fax To:	NONE	
TRINITY OILFIELD SERVICES & RENTALS, P. O. BOX 2587 HOBBS NM, 88241	Proje	ct Number:	MESA VERDE BS UNIT #8 NONE GIVEN DAN DUNKELBERG	Reported: 19-Oct-23 09:02

10/19/23 - Client changed the sample ID (see COC). This is the revised report and will replace the one sent on 10/09/23.

Cardinal Laboratories

*=Accredited Analyte

Celey D. Keine

Celey D. Keene, Lab Director/Quality Manager



TRINITY OILFIELD SERVICES P. O. BOX 2587 HOBBS NM, 88241	& RENTALS, L	LC	Project Num Project Mana			Reported: 19-Oct-23 09:02					
				01.0-00.0 864-01 (Second							
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes	
			Cardina	l Laborat	tories						
Inorganic Compounds Chloride	1040		16.0	mg/kg	4	3100503	AC	05-Oct-23	4500-Cl-B		
Volatile Organic Compounds by	FPA Method	8021									
Benzene*	<0.050	0021	0.050	mg/kg	50	3100338	ЛН	06-Oct-23	8021B		
Toluene*	< 0.050		0.050	mg/kg	50	3100338	Л	06-Oct-23	8021B		
Ethylbenzene*	< 0.050		0.050	mg/kg	50	3100338	ЛН	06-Oct-23	8021B		
Total Xylenes*	< 0.150		0.150	mg/kg	50	3100338	ЛН	06-Oct-23	8021B		
Total BTEX	< 0.300		0.300	mg/kg	50	3100338	ЛН	06-Oct-23	8021B		
Surrogate: 4-Bromofluorobenzene (PID)			100 %	71.5	-134	3100338	JH	06-Oct-23	8021B		
Petroleum Hydrocarbons by GC	FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	3100331	MS	04-Oct-23	8015B		
DRO >C10-C28*	117		10.0	mg/kg	1	3100331	MS	04-Oct-23	8015B		
EXT DRO >C28-C36	10.7		10.0	mg/kg	1	3100331	MS	04-Oct-23	8015B		
Surrogate: 1-Chlorooctane			94.0 %	48.2	-134	3100331	MS	04-Oct-23	8015B		
Surrogate: 1-Chlorooctadecane											

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



1.0.0002507	Project Number:	DAN DUNKELBERG	Reported: 19-Oct-23 09:02
-------------	-----------------	----------------	------------------------------

Inorganic Compounds - Quality Control

Cardinal Laboratories

		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch 3100503 - 1:4 DI Water										
Blank (3100503-BLK1)				Prepared &	Analyzed:	05-Oct-23				
Chloride	ND	16.0	mg/kg							
LCS (3100503-BS1)				Prepared &	Analyzed:	05-Oct-23				
Chloride	432	16.0	mg/kg	400		108	80-120			
LCS Dup (3100503-BSD1)				Prepared &	Analyzed:	05-Oct-23				
Chloride	432	16.0	mg/kg	400		108	80-120	0.00	20	

Cardinal Laboratories

*=Accredited Analyte

Celey D. Keine

Celey D. Keene, Lab Director/Quality Manager



Volatile Organic Compounds by EPA Method 8021 - Quality Control

Cardinal Laboratories

		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch 3100338 - Volatiles										
Blank (3100338-BLK1)				Prepared: ()3-Oct-23 A	analyzed: 0	6-Oct-23			
Benzene	ND	0.050	mg/kg							
Toluene	ND	0.050	mg/kg							
Ethylbenzene	ND	0.050	mg/kg							
Total Xylenes	ND	0.150	mg/kg							
Total BTEX	ND	0.300	mg/kg							
Surrogate: 4-Bromofluorobenzene (PID)	0.0562		mg/kg	0.0500		112	71.5-134			
LCS (3100338-BS1)				Prepared: ()3-Oct-23 A	analyzed: 0	6-Oct-23			
Benzene	2.16	0.050	mg/kg	2.00		108	82.8-130			
Toluene	2.16	0.050	mg/kg	2.00		108	86-128			
Ethylbenzene	2.28	0.050	mg/kg	2.00		114	85.9-128			
m,p-Xylene	4.59	0.100	mg/kg	4.00		115	89-129			
o-Xylene	2.31	0.050	mg/kg	2.00		115	86.1-125			
Total Xylenes	6.90	0.150	mg/kg	6.00		115	88.2-128			
Surrogate: 4-Bromofluorobenzene (PID)	0.0538		mg/kg	0.0500		108	71.5-134			
LCS Dup (3100338-BSD1)				Prepared: ()3-Oct-23 A	analyzed: 0	6-Oct-23			
Benzene	2.07	0.050	mg/kg	2.00		103	82.8-130	4.20	15.8	
Toluene	2.12	0.050	mg/kg	2.00		106	86-128	1.69	15.9	
Ethylbenzene	2.26	0.050	mg/kg	2.00		113	85.9-128	0.671	16	
m,p-Xylene	4.56	0.100	mg/kg	4.00		114	89-129	0.575	16.2	
o-Xylene	2.29	0.050	mg/kg	2.00		115	86.1-125	0.488	16.7	
Total Xylenes	6.86	0.150	mg/kg	6.00		114	88.2-128	0.546	16.3	
Surrogate: 4-Bromofluorobenzene (PID)	0.0552		mg/kg	0.0500		110	71.5-134			

Cardinal Laboratories

*=Accredited Analyte

Celey D. Keine

Celey D. Keene, Lab Director/Quality Manager



11.01.00/(250)	Project: MESA VERE roject Number: NONE GIVE oject Manager: DAN DUNK Fax To: NONE	EN 19	Reported: 9-Oct-23 09:02
----------------	---	-------	-----------------------------

Petroleum Hydrocarbons by GC FID - Quality Control

Cardinal Laboratories

		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch 3100331 - General Prep - Organics										
Blank (3100331-BLK1)				Prepared &	Analyzed:	03-Oct-23				
GRO C6-C10	ND	10.0	mg/kg							
DRO >C10-C28	ND	10.0	mg/kg							
EXT DRO >C28-C36	ND	10.0	mg/kg							
Surrogate: 1-Chlorooctane	51.8		mg/kg	50.0		104	48.2-134			
Surrogate: 1-Chlorooctadecane	61.8		mg/kg	50.0		124	49.1-148			
LCS (3100331-BS1)				Prepared &	Analyzed:	03-Oct-23				
GRO C6-C10	213	10.0	mg/kg	200		106	66.4-123			
DRO >C10-C28	213	10.0	mg/kg	200		107	66.5-118			
Total TPH C6-C28	426	10.0	mg/kg	400		107	77.6-123			
Surrogate: 1-Chlorooctane	54.7		mg/kg	50.0		109	48.2-134			
Surrogate: 1-Chlorooctadecane	60.9		mg/kg	50.0		122	49.1-148			
LCS Dup (3100331-BSD1)				Prepared &	Analyzed:	03-Oct-23				
GRO C6-C10	199	10.0	mg/kg	200		99.6	66.4-123	6.64	17.7	
DRO >C10-C28	203	10.0	mg/kg	200		101	66.5-118	5.09	21	
Total TPH C6-C28	402	10.0	mg/kg	400		100	77.6-123	5.86	18.5	
Surrogate: 1-Chlorooctane	51.0		mg/kg	50.0		102	48.2-134			
Surrogate: 1-Chlorooctadecane	57.3		mg/kg	50.0		115	49.1-148			

Cardinal Laboratories

*=Accredited Analyte

Celey D. Keine

Celey D. Keene, Lab Director/Quality Manager



Notes and Definitions

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

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

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager

	Sampler - UPS - Bus - Other:	Delivered By: (Circle One)	Relinquíshed By:	A X	Relinquished By:	An CHACK NOTE: Licensing and Jonas Stations analyses. All claims including house for negligence and ar service. In no event shall Cardinal be liable for incidental affiliates or successors arising <u>out-of</u> or related to the perf	man and Descence Availands Salily	 	 1	-	 	 / CF-001.0-00.0-S	H235364 *	FOR LAB USE ONLY	Sampler Name: KM	Project Location: Lea Co., NM	Project Name: Mesa Verde BS Unit #8	Project #:	Phone #:	City: Hobbs	Address: 8426 N Dal Paso	Project Manager: Dan Dunkelberg	Company Name: Trinity Oilfield Services	NCARDINAL Laboratories
† Cardinal cannot ac	Corrected Temp. °C ves	Observed Temp. °C / Sample Condition	Date: Received By: Time:	Time 75 Calleria	Date: 7 7 Received By:	A rELASE KVI.E. Liabing and putingses, Learning and units an under annue yn en by an annue yn mene un under annue, par un yn erenn on ore analyses. At claints incluing those for neglgenes and any other cause vitablower shall be deened valved uniters made in writig and received U cardinal within 30 days after competion 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 profils incurred by client, its subsidiaries. afflates or successors arising guid and related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.	sand allanthe such white somethic for any claim whether there is a contract of the second in operation whether the second in operations whether the second in operati					 C 1 X	(G)RAB OR (C)OMP. # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE	MATRIX			dan@trinityoilfieldservices.com	Project Owner: (see below)	Fax #:	State: NM Zip: 88241			rvices	101 East Marland, Hobbs, NM 88240 (575) 393-2326 FAX (575) 393-2476
+ Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com	f.C.	(Initials)		1 Allat	NNN	in received by Cardinal within 30 g and received by Cardinal within 30 ions, loss of use, or loss of profits inc claim is based upon any of the above	piract or indicate the line line line line line line line lin					9/29/2023	OTHER : ACID/BASE: ICE / COOL OTHER :	PRESERV. S.	Fax #:	Phone #:	State: Zip:	City:	Address:	Attn: Wade Dittrich	Company: OXY USA Inc	P.O. #:	BILL TO	
Please email changes	Thermometer ID #140 Correction Factor 0 °C	Turnaround Time:	* Sample IO	All Results are emai	Verbal Result:) days after completion of the appli- days after completion of the appli- curred by client, its subsidiaries, curred by client, its subsidiaries, e stated reasons or otherwise. 	wanted and for the class for the					3 X	Chloride	SAMPLING						rich	Inc		0	
to celey.keene@card		Standard Rush	ID chan	All Results are emailed. Please provide Email address:	Yes	Cable						X X	трн втех											CHAIN-
inallabsnm.com		×	Sed a' per	address:	No Add'i Phone #:																		ANALYS	OF-CUSTODY
	Yes Yes No Co	eria (only) Sample Co	Dan. 11						-														ANALYSIS REQUEST	CHAIN-OF-CUSTODY AND ANALYSIS REQUEST
	Corrected Temp. °C	ondition Observed Temp. °C	Dan. 10/17/23 CQ																					S REQUEST

.

Page 8 of 8

District I 1625 N. French Dr., Hobbs, NM 88240 Phone: (575) 393-6161 Fax: (575) 393-0720 District II

811 S. First St., Artesia, NM 88210 Phone:(575) 748-1283 Fax:(575) 748-9720

District III

1000 Rio Brazos Rd., Aztec, NM 87410 Phone:(505) 334-6178 Fax:(505) 334-6170

District IV 1220 S. St Francis Dr., Santa Fe, NM 87505 Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr. Santa Fe, NM 87505

QUESTIONS

Action 292669

QUESTIONS									
Operator:	OGRID:								
OXY USA INC	16696								
P.O. Box 4294	Action Number:								
Houston, TX 772104294	292669								
	Action Type:								
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)								

QUESTIONS Proroquisitos

Frerequisites	
Incident ID (n#)	nOY1807332612
Incident Name	NOY1807332612 MESA VERDE BONE SPRING UNIT #008H @ 30-025-44184
Incident Type	Release Other
Incident Status	Remediation Closure Report Received
Incident Well	[30-025-44184] MESA VERDE BONE SPRING UNIT #008H

Location of Release Source

Please answer all the questions in this group.	
Site Name	MESA VERDE BONE SPRING UNIT #008H
Date Release Discovered	02/27/2018
Surface Owner	Federal

Incident Details

Please answer all the questions in this group.		
Incident Type	Release Other	
Did this release result in a fire or is the result of a fire	No	
Did this release result in any injuries	No	
Has this release reached or does it have a reasonable probability of reaching a watercourse	No	
Has this release endangered or does it have a reasonable probability of endangering public health	No	
Has this release substantially damaged or will it substantially damage property or the environment	No	
Is this release of a volume that is or may with reasonable probability be detrimental to fresh water	No	

Nature and Volume of Release

Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.		
Crude Oil Released (bbls) Details	Not answered.	
Produced Water Released (bbls) Details	Not answered.	
Is the concentration of chloride in the produced water >10,000 mg/l	Not answered.	
Condensate Released (bbls) Details	Not answered.	
Natural Gas Vented (Mcf) Details	Not answered.	
Natural Gas Flared (Mcf) Details	Not answered.	
Other Released Details	Cause: Equipment Failure Tank (Any) Diesel Released: 7 BBL Recovered: 0 BBL Lost: 7 BBL.	
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Not answered.	

District I 1625 N. French Dr., Hobbs, NM 88240 Phone:(575) 393-6161 Fax:(575) 393-0720 District II

811 S. First St., Artesia, NM 88210 Phone:(575) 748-1283 Fax:(575) 748-9720

District III

1000 Rio Brazos Rd., Aztec, NM 87410 Phone:(505) 334-6178 Fax:(505) 334-6170

District IV

1220 S. St Francis Dr., Santa Fe, NM 87505 Phone: (505) 476-3470 Fax: (505) 476-3462

State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr. Santa Fe, NM 87505

QUESTIONS, Page 2

Action 292669

QUESTIONS (continued)	
Operator:	OGRID:
OXY USA INC	16696
P.O. Box 4294	Action Number:
Houston, TX 772104294	292669
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

	Nature and Volume of Release (continued)	
	Is this a gas only submission (i.e. only significant Mcf values reported)	No, according to supplied volumes this does not appear to be a "gas only" report.
	Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	No
	Reasons why this would be considered a submission for a notification of a major release	Unavailable.
With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.		

Initial	Response
---------	----------

The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury.		
The source of the release has been stopped	True	
The impacted area has been secured to protect human health and the environment	True	
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True	
All free liquids and recoverable materials have been removed and managed appropriately	True	
If all the actions described above have not been undertaken, explain why	Not answered.	
Per Paragraph (4) of Subsection B of 19.15.29.8 NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative o actions to date in the follow-up C-141 submission. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of Subsection A of 19.15.29.11 NMAC), please prepare and attach all information needed for closure evaluation in the follow-up C-141 submission.		
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.		
I hereby agree and sign off to the above statement	Name: Wade Dittrich Title: Environmental Coordinator Email: wade_dittrich@oxy.com Date: 12/08/2023	

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

Operator:

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

> OXY USA INC P.O. Box 4294

Houston, TX 772104294

State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr. Santa Fe, NM 87505

Page 220 of 225

QUESTIONS, Page 3

Action 292669

Ac

QUESTIONS (co	ntinued)
	OGRID:
	16696

 16696

 Action Number:

 292669

 Action Type:

 [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Site Characterization

Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 100 and 500 (ft.)
What method was used to determine the depth to ground water	Direct Measurement
Did this release impact groundwater or surface water	No
What is the minimum distance, between the closest lateral extents of the release ar	nd the following surface areas:
A continuously flowing watercourse or any other significant watercourse	Greater than 5 (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Between ½ and 1 (mi.)
An occupied permanent residence, school, hospital, institution, or church	Greater than 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Between 1 and 5 (mi.)
Any other fresh water well or spring	Greater than 5 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
A wetland	Between ½ and 1 (mi.)
A subsurface mine	Greater than 5 (mi.)
An (non-karst) unstable area	Greater than 5 (mi.)
Categorize the risk of this well / site being in a karst geology	Low
A 100-year floodplain	Greater than 5 (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	No

Remediation Plan

Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date. Requesting a remediation plan approval with this submission Yes Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC. Have the lateral and vertical extents of contamination been fully delineated Yes Was this release entirely contained within a lined containment area No Soil Contamination Sampling: (Provide the highest observable value for each, in milligrams per kilograms.) Chloride (EPA 300.0 or SM4500 CI B) 2020 TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M) 7160 GRO+DRO (EPA SW-846 Method 8015M) 6236 BTEX (EPA SW-846 Method 8021B or 8260B) 0.1 (EPA SW-846 Method 8021B or 8260B) Benzene 0 Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation. On what estimated date will the remediation commence 03/30/2023 On what date will (or did) the final sampling or liner inspection occur 03/30/2023 On what date will (or was) the remediation complete(d) 04/14/2023 What is the estimated surface area (in square feet) that will be reclaimed 0 What is the estimated volume (in cubic yards) that will be reclaimed 0 What is the estimated surface area (in square feet) that will be remediated 11108 What is the estimated volume (in cubic yards) that will be remediated 176 These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to

significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required

District I

1625 N. French Dr., Hobbs, NM 88240 Phone:(575) 393-6161 Fax:(575) 393-0720 District II

811 S. First St., Artesia, NM 88210 Phone:(575) 748-1283 Fax:(575) 748-9720

District III

1000 Rio Brazos Rd., Aztec, NM 87410 Phone:(505) 334-6178 Fax:(505) 334-6170

District IV 1220 S. St Francis Dr., Santa Fe, NM 87505 Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr. Santa Fe, NM 87505

QUESTIONS, Page 4

Action 292669

QUESTIONS (continued)		
Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID: 16696 Action Number: 292669	
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)	
QUESTIONS		
Remediation Plan (continued)		

This information must be provided to the appropriate district office no later than 90 days after the release discovery date all the questions that apply or are indicated. This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants: (Select all answers below that apply.) (Ex Situ) Excavation and off-site disposal (i.e. dig and haul, hydrovac, etc.) Yes Which OCD approved facility will be used for off-site disposal LEA LAND LANDFILL [fEEM0112342028] OR which OCD approved well (API) will be used for off-site disposal Not answered. OR is the off-site disposal site, to be used, out-of-state Not answered. OR is the off-site disposal site, to be used, an NMED facility Not answered. (Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms) Not answered (In Situ) Soil Vapor Extraction Not answered. (In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.) Not answered. (In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.) Not answered. (In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.) Not answered. Ground Water Abatement pursuant to 19.15.30 NMAC Not answered. OTHER (Non-listed remedial process) Not answered. Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation 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 Name: Wade Dittrich Title: Environmental Coordinator I hereby agree and sign off to the above statement Email: wade_dittrich@oxy.com

The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required

Date: 12/08/2023

District I 1625 N. French Dr., Hobbs, NM 88240 Phone: (575) 393-6161 Fax: (575) 393-0720 District II

811 S. First St., Artesia, NM 88210 Phone:(575) 748-1283 Fax:(575) 748-9720

District III

1000 Rio Brazos Rd., Aztec, NM 87410 Phone:(505) 334-6178 Fax:(505) 334-6170

District IV 1220 S. St Francis Dr., Santa Fe, NM 87505 Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr. Santa Fe, NM 87505

QUESTIONS, Page 5

Action 292669

QUESTIONS (continued) Operator: OGRID: OXY USA INC 16696 P.O. Box 4294 Action Number: Houston, TX 772104294 292669 Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Deferral Requests Only	
Only answer the questions in this group if seeking a deferral upon approval this submission. Each of	the following items must be confirmed as part of any request for deferral of remediation.
Requesting a deferral of the remediation closure due date with the approval of this submission	Νο

District I 1625 N. French Dr., Hobbs, NM 88240 Phone: (575) 393-6161 Fax: (575) 393-0720 District II

811 S. First St., Artesia, NM 88210 Phone:(575) 748-1283 Fax:(575) 748-9720

District III

1000 Rio Brazos Rd., Aztec, NM 87410 Phone:(505) 334-6178 Fax:(505) 334-6170

District IV 1220 S. St Francis Dr., Santa Fe, NM 87505 Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr. Santa Fe, NM 87505

QUESTIONS, Page 6

Action 292669

QUESTIONS (continued)		
Operator:	OGRID:	
OXY USA INC	16696	
P.O. Box 4294	Action Number:	
Houston, TX 772104294	292669	
	Action Type:	
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)	

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	292764
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	12/13/2023
What was the (estimated) number of samples that were to be gathered	57
What was the sampling surface area in square feet	11108

Remediation Closure Request

Only answer the questions in this group if seeking remediation closure for this release because all re	emediation steps have been completed.
Requesting a remediation closure approval with this submission	Yes
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
All areas reasonably needed for production or subsequent drilling operations have been stabilized, returned to the sites existing grade, and have a soil cover that prevents ponding of water, minimizing dust and erosion	Yes
What was the total surface area (in square feet) remediated	11108
What was the total volume (cubic yards) remediated	176
All areas not reasonably needed for production or subsequent drilling operations have been reclaimed to contain a minimum of four feet of non-waste contain earthen material with concentrations less than 600 mg/kg chlorides, 100 mg/kg TPH, 50 mg/kg BTEX, and 10 mg/kg Benzene	Yes
What was the total surface area (in square feet) reclaimed	11108
What was the total volume (in cubic yards) reclaimed	176
Summarize any additional remediation activities not included by answers (above)	NA
	closure requirements and any conditions or directives of the OCD. This demonstration should be in the form of a notes, photographs of any excavation prior to backfilling, laboratory data including chain of custody documents of
to report and/or file certain release notifications and perform corrective actions for relea	knowledge and understand that pursuant to OCD rules and regulations all operators are required ises which may endanger public health or the environment. The acceptance of a C-141 report by
	adequately investigate and remediate contamination that pose a threat to groundwater, surface

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.
ocal laws and/or regulations. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that exist
water, numan nearin or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other rederal, state,

I hereby agree and sign off to the above statement	Name: Wade Dittrich Title: Environmental Coordinator Email: wade_dittrich@oxy.com
	Date: 12/11/2023

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

Page 224 of 225

Action 292669

QUESTIONS (continued)		
Operator: OXY USA INC	OGRID: 16696	
P.O. Box 4294 Houston, TX 772104294	Action Number: 292669	
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)	
QUESTIONS		
Perlamation Depart		

Peclamation Penort

Only answer the questions in this group if all reclamation steps have been completed.		
Requesting a reclamation approval with this submission	No	

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 292669

CONDITIONS		
Operator:	OGRID:	
OXY USA INC	16696	
P.O. Box 4294	Action Number:	
Houston, TX 772104294	292669	
	Action Type:	
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)	

CON	DIT	IONS

Created By	Condition	Condition Date
amaxwell	Remediation Closure approved. All areas not reasonably needed for production or subsequent drilling operations will need to be reclaimed and revegetated as soon as practical. Areas reasonably needed for production or subsequent drilling operations will need to be reclaimed and revegetated as soon as they are no longer reasonably needed. A report for reclamation and revegetation will need to be submitted and approved prior to this incident receiving the final status of "Restoration Complete"."	12/14/2023