Received by OCD: 9/23/2021 12:46:15 PM Form C-141 State of New Mexico
Page 6 Oil Conservation Division

Incident ID NRM2015756964

District RP
Facility ID
Application ID

Closure

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

Closure Report Attachment Checklist: Each of the following items must be included in the closure report.
A scaled site and sampling diagram as described in 19.15.29.11 NMAC
Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection)
Laboratory analyses of final sampling (Note: appropriate ODC District office must be notified 2 days prior to final sampling)
Description of remediation activities
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rule and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete. Printed Name: Bos Hau Title: Environment MGR Title: Environment Telephone: (432) 682.3753
OCD Only
Received by: Chad Hensley Date: 10/13/2021
Closure approval by the OCD does not relieve the responsible party of liability should their operations have failed to adequately investigate at 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: Date:
Printed Name: Chad Hensley Title: Environmental Specialist Advanced

Page 2 of 204

Incident ID	nAPP2126455144
District RP	
Facility ID	
Application ID	

Closure

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

Closure Report Attachment Checklist: Each of the following	items must be included in the closure report.
A scaled site and sampling diagram as described in 19.15.29.	.11 NMAC
Photographs of the remediated site prior to backfill or photo must be notified 2 days prior to liner inspection)	s of the liner integrity if applicable (Note: appropriate OCD District office
☐ Laboratory analyses of final sampling (Note: appropriate OD	OC District office must be notified 2 days prior to final sampling)
☐ Description of remediation activities	
Y	
and regulations all operators are required to report and/or file certa may endanger public health or the environment. The acceptance of should their operations have failed to adequately investigate and rehuman health or the environment. In addition, OCD acceptance of compliance with any other federal, state, or local laws and/or regulatore, reclaim, and re-vegetate the impacted surface area to the caccordance with 19.15.29.13 NMAC including notification to the	lations. The responsible party acknowledges they must substantially onditions that existed prior to the release or their final land use in
OCD Only	
Received by: Chad Hensley	Date:10/13/2021
	y of liability should their operations have failed to adequately investigate and e water, human health, or the environment nor does not relieve the responsible d/or regulations.
Closure Approved by:	Date:10/13/2021
Printed Name: Chad Hensley	Title: Environmental Specialist Advanced

BTA Oil Producers (BTA)

Unit letter E & M, Section 7, Township 26S Range 33E

Lea County, New Mexico

Incident Number - NRM2015756964

Incident Number - nAPP2126455144

Oilfield Water Logistics SWD Operating, LLC (OWL)

Harrier Surface Line Produced Water Release

Unit Letter L2, L3, L4, Section 7, Unit Letter L1, Section 18, Township 26S, RANGE 33E

Lea County, NM

Incident Number- NRM2028334152

September 17, 2021

Prepared by

Michael Alves

Alves Oilfield Solutions, LLC.

2215 West Bender

Hobbs, NM 88240

michaelalves@alvesoilfieldsolutions.org

(575) 631-4310



TO: Mike Bratcher
Incident Supervisor
Environmental Bureau
EMNRD - Oil Conservation Division
811S. First St.
Artesia, NM 88210

INTRODUCTION

Alves Oilfield Solutions, LLC. Was retained by BTA Oil Producers and Oilfield Water Logistics SWD Operating, LLC to delineate and remediate the site detailed herein. KJE Environmental Mgt. INC and RXSoil were also contracted to assist in the remediation of this site due to the complexity of managing three different releases. Alves Oilfield was the excavator for both companies and KJE along with RXSoil acted more as consultants on this project.

I'm writing this report as a summary to the remediation activities that took place on this release site and to clarify any miscommunication, if any was taken. This report will be able to give an informed and logical decision for backfill and any more requirements for backfill approval and closure.

GROUNDWATER FINDINGS

Initially when the groundwater search was completed by Alves Oilfield Solutions, KJE and RXSoil the only water found was 1.9 miles away and water depth was at 280'. Since groundwater results were too far away to determine groundwater levels for these releases under the rules of 19.15.11(A)(2), BTA decided to drill three wells which were left open for 72 hours to allow for reading the static water level. These readings determined groundwater to be at 81.4 feet which was the shallowest of the 3 wells. RXSoil requested the NMOCD asked for release rules fall under the 51'-100' release rule criteria.

RELEASE BACKGROUND

To simplify the complexity of this remediation the following with be a chronological point of the history of this site and what's been done. I wanted to simplify this since NMOCD, and BLM are all aware now there are multiple releases associated with this site. Below are bullet points of the release history along with remediation activities that have taken place on site.

- 5/18/2020: 1st BTA release with 276 BBL of produced water spilled & 1 BBL of crude oil
 with 0 BBL of any fluid recovered. The site was mapped, and the initial site assessment
 was completed.
- 7/13/2020: 2nd BTA release with an undetermined amount of fluid released. At the time BTA personnel in charge of reporting was out of state on another job and when notified

the information was mixed up with the original release from May. The site was mapped, and the site assessment was completed.

- 10/4/2020: Oilfield Water Logistics, LLC (OWL) had a release of reported 4,800 BBL of produced water with 60 BBL recovered. The site was mapped, and a site assessment was completed. This release migrated over both of BTA's releases and some paths of its own.
- 1/5/2021: KJE (environmental consultants for OWL) submitted a workplan to NMOCD. It was sent to Christina Eads.
- 3/18/2021: Alves Oilfield Solutions (AOS) submitted a workplan to Shelly Tucker with the Bureau of Land Management after realizing the releases were on a BLM right of way.v
- 4/15/2021: BLM authorizes BTA to combine both releases into 1 remediation project due to the miscommunication of the 2nd release.
- 4/18/21: BLM approves AOS workplan. BLM imposes conditions of approval which covered delineation of release, and requirements prior to backfill.
- 5/6/2021: BTA & OWL agreed to combine resources and both companies take a portion
 of remediation on shared release areas. Divided as 2' to BTA and 2' to OWL (or ft by ft in
 any deep spots or horizontal excavation)
- 6/1/2021: Remediation began on all 3 releases. The release area was excavated in a 20'x20'x4' grid pattern according to KJE workplan. When sidewalls were being taken field screens showed elevated chloride samples every sample to the south which made sense since the release followed an elevation drop that ran to the south. BTA soil was stockpiled on 6ml plastic while waiting for approval on RXSoil treatment. OWL's soil was taken to their disposal, Northern Delaware Basin Landfill on NM128, which is an approved NM landfill. All manifests were included in the final closure report. Clean imported soil was brought back and stockpiled for backfill.
- 6/15/2021: BLM visited site and while looking at our field samples informed OWL that the 20'x20'x4' was not going to work and the trench need to be a trench and not squares. From this date on, the excavation was one complete trench down the ROW and sidewalls were taken every 20' on the east and west side. If a side wall came back higher than regulatory limits, the sidewall, in 20' sections, was taken back foot by foot until a clean sample was obtained. This sample was then confirmed by going 1 additional foot. Then this sample was taken to a lab for confirmation. These results will be in the final closure report.
- The area of SB 11,12,13 was excavated to 6' where contamination could be completely removed.
- 7/15/2021-8/15/21: Heavy rain took place on a few different occasions. The rain caused
 massive flooding and erosion. The excavation doubled in size due to erosion and
 flooding. The clean imported soil that was stockpiled was washed down ROW or went
 into the trench and washed away. The lease road was washed out in two different spots

which caused an issue with being able to get oil trucks or any vehicles in or out. The roads were fixed within a few days of flooding.

- 9/2/2021: BLM came out at the request of AOS to evaluate the situation and hopefully
 give backfill approval. When BLM saw the excavation and the ergonomics of the site,
 BLM determined it was a safety issue but saw that all requirements were accomplished.
 BLM gave verbal approval and said to backfill as soon as possible
- 9/7/2021: BLM gave written approval to backfill and to remove any African Rue. All
 conditions of approval still were in effect.
- 9/13/2021: A 20ml liner was set in SB 8,9,10,16 & 17. The liner was bigger than normally anticipated. Due to the erosion, the liner had to be made bigger to properly set and seat it. Having the liner bigger though will ensure better protection from water migrating into this area.
- 9/16/2021: Work was halted by NMOCD due to the confusion of multiple reports, approvals and clerical issues by reporting parties.

CONCLUSION AND REQUEST

On behalf of BTA and OWL, I respectfully ask for approval to backfill this excavation. I also request a variance for the 20ml liner set in the referenced SB points. A 20ml liner set at 4' BGS and seated 30' total horizontally which should be sufficient separation of the vadose zone and groundwater being at 80.4'. A layer of 4' of clean imported soil on top of liner to ground surface and an additional ft that the BLM requested in these spots will give 5' of clean soil to promote healthy vegetation and give wildlife the ability to establish the natural habitat. The liner will block rainwater from migrating contamination through the vadose zone to groundwater. Instead, it will push it out and around those spots and give other areas necessary water to thrive. Under 19.15.29.14(A), this written demonstration and information provided should be sufficient evidence to grant a variance for the 20ml liner placed at this site.

The conditions of approval the BLM imposed are as follows.

- Extra backfill for areas of water settling and loss of water flow.
- River rocks places and staggered to slow to flow of water and prevent future erosion and loss of vegetation.
- Reseed with a mix of BLM 1&2 with loam and sand mix free of noxious and intrusive weeds.
- Remove and properly dispose of all African Rue with documents of proof.

The contaminated material from the BTA portion will be hauled off to an approved landfill and when all completed a closure report documenting all activities will be submitted to NMOCD and BLM for approval.

I thank you in advance for your consideration of this request and look forward to hearing from you

Michael Alves Alves Oilfield Solutions 2215 West Bender Hobbs NM 88240 575-631-4310 Cell

michaelalves@alvesoilfieldsolutons.org

Table Of Contents

Appendix 1- C-141
Appendix 1l- Sitemaps
Appendix 1ll- Groundwater report
Appendix 1V- Site Phots
Appendix V- Approvals Via Email
Appendix VI- Sampling and lab data

Appendix I- C-141

District I 1625 N. French Dr., Hobbs, NM 88240 District II 811 S. First St., Artesia, NM 88210 District III 1000 Rio Brazos Road, Aztec, NM 87410 District IV 1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico **Energy Minerals and Natural** Resources Department

Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505

Form C-141 Revised August 24, 2018 Submit to appropriate OCD District office

Incident ID	nAPP2126455144
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible Party: BTA Oil Producers, LLC	OGRID: 260297	
Contact Name: Bob Hall	Contact Telephone: 432-682-3753	
Contact email: bhall@btaoil.com	Incident # (assigned by OCD) nAPP2126455144	
Contact mailing address: 104 S. Pecos St., Midland, TX 79701		

Location of Release Source

Latitude: 32.05929 Longitude: -103.61722

(NAD 83 in decimal degrees to 5 decimal places)

Site Name: Mesa B #5H Produced Water Line NORTH END			er Line NORTH EN	ID Site Type: Flowline	Site Type: Flowline	
Date Release Discovered: 7/13/2020				API# (if applicable) Nearest we	API# (if applicable) Nearest well: Mesa B #001 API #30-025-30662	
	1	T	1	•	7	
Unit Letter	Section	Township	Range	County		
E	7	26S	33E	Lea		
Surface Owner: State Federal Tribal Private (Name:)						
Noture and Volume of Delegae						

Nature and Volume of Release

Material(s) Released (Select all that apply and attach calculations or specific justification for the volumes provided below)				
Crude Oil	Volume Released (bbls) Unknown	Volume Recovered (bbls) 0 BBL		
Produced Water	Volume Released (bbls) Unknown	Volume Recovered (bbls) 0 BBL		
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	⊠ Yes □ No		
Condensate	Volume Released (bbls)	Volume Recovered (bbls)		
☐ Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)		
Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)		
Cause of Release				

A hole in the pipeline released produced water and negligible oil into and along the lease road, a gully, and onto a pipeline ROW. The volume released is not known.

Field and office personnel on duty at the time of the release did not report the spill but did mobilize a contractor to immediately respond on 7/13/2020 and subsequent days by excavating & disposing of impacted soil.

Form C-141 Page 2

State of New Mexico Oil Conservation Division

Incident ID	nAPP2126455144
District RP	
Facility ID	
Application ID	

Was this a major release as defined by 19.15.29.7(A) NMAC? ☐ Yes ☐ No	If YES, for what reason(s) does the responsible party consider this a major release? The spill volume is unknown but is believed to be greater than 25 BBL due to the extent of the spill, which the NMOCD Rules define as a major release.				
	otice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)? not recognized as a new release until preparation of the work plan for remediation.				
	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 rele	ease has been stopped.				
☐ The impacted area ha	s been secured to protect human health and the environment.				
Released materials ha	ave been contained via the use of berms or dikes, absorbent pads, or other containment devices.				
All free liquids and r	ecoverable materials have been removed and managed appropriately.				
If all the actions described above have <u>not</u> been undertaken, explain why: <u>ADDITIONAL INFORMATION</u> The impacted area due to the present release was identified in the submittal of the remedial work plans submitted to the BLM and NMOCD and merged into the NMOCD Incident # NRM2015756964. The area has been remediated in accordance with the approved work plans. A closure report is being prepared for submittal.					
has begun, please attach	IAC the responsible party may commence remediation immediately after discovery of a release. If remediation a narrative of actions to date. If remedial efforts have been successfully completed or if the release occurred at area (see 19.15.29.11(A)(5)(a) NMAC), please attach all information needed for closure evaluation.				
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.					
Printed Name: Bob Hall Title: Environmental Manager					
Signature: Bliffeld Date: 9/21/2021					
email: bhall@btaoil.c	om Telephone: 432-682-3753				
OCD Only					
Received by:	Date:				

ge 11 oj

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico Energy Minerals and Natural Resources Department

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

Incident ID	NRM2015756964
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible Party: BTA Oil Producers, LLC	OGRID: 260297	
Contact Name: Bob Hall	Contact Telephone: 432-682-3753	
Contact email: bhall@btaoil.com	Incident # (assigned by OCD) NRM2015756964	
Contact mailing address: 104 S. Pecos St., Midland, TX 79701		

Location of Release Source

Latitude: 32.05101° Longitude: -103.61744°

(NAD 83 in decimal degrees to 5 decimal places)

Site Name: Mesa B 8115 JVP #5H Produced Water Line			luced Water Line	Site Type: Flowline	
Date Release Discovered: 5/18/2020				API# (if applicable) Nearest we	ell: Mesa B #5H API #30-025-42128
Unit Letter Section Township Range				County]
М	7	26S	33E	Lea	
Surface Owner: State Federal Tribal Private (Name:)					

Nature and Volume of Release

	(s) Released (Select all that apply and attach calculations or specific	justification for the volumes provided below)
Crude Oil	Volume Released (bbls) 1 BBL	Volume Recovered (bbls) 0 BBL
Produced Water	Volume Released (bbls) 276 BBL	Volume Recovered (bbls) 0 BBL (corrected)
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	⊠ Yes □ No
Condensate	Volume Released (bbls)	Volume Recovered (bbls)
☐ Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)
	•	

Cause of Release

A split in the produced water flowline released produced water into several gullies and a pipeline ROW.

The reported volume was determined by measuring the area of the "wetted" area from a drone picture. Then, using analytical data to identify an impacted depth and an estimated porosity, a calculated volume of the release was estimated to be 276 BBL of unrecovered produced water, plus negligible oil.

(9/21/2021) Correction made above to show there was no volume of Produced Water recovered as indicated originally in the statement immediately above and on the original Spill Calculation Spreadsheet.

Received by OCD: 9/23/2021 12:46:15 PM Form C-141 State of New Mexico Page 2 Oil Conservation Division

te of New Mexico

Incident ID NRM2015756964

Incident ID	NRM2015756964
District RP	
Facility ID	
Application ID	

Was this a major release as defined by	If YES, for what reason(s) does the responsible party consider this a major release?
19.15.29.7(A) NMAC?	The spill volume was greater than 25 BBL, which the NMOCD Rules define as a major
⊠ Yes □ No	release.
No. The release was	otice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)? not believed to be greater than 25 BBL. However, evaluation of analytical data is being reater volume of a release.
	Initial Response
The responsible p	party must undertake the following actions immediately unless they could create a safety hazard that would result in injury
∑ The source of the rele	ease has been stopped.
☐ The impacted area ha	s been secured to protect human health and the environment.
Released materials ha	we been contained via the use of berms or dikes, absorbent pads, or other containment devices.
	ecoverable materials have been removed and managed appropriately.
If all the actions described	d above have <u>not</u> been undertaken, explain why:
Day 10 15 20 9 D (4) NM	AC the generalible posts may commonly somediation immediately often discovery of a selected. If some disting
has begun, please attach	AC the responsible party may commence remediation immediately after discovery of a release. If remediation a narrative of actions to date. If remedial efforts have been successfully completed or if the release occurred at area (see 19.15.29.11(A)(5)(a) NMAC), please attach all information needed for closure evaluation.
	rmation given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and
public health or the environr	required to report and/or file certain release notifications and perform corrective actions for releases which may endanger nent. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have
	ate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In f a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws
and/or regulations.	
Printed Name: Bob Hall	Title: Environmental Manager
Signature:	Date: Correction 9/21/2021
email: bhall@btaoil.co	om Telephone: 432-682-3753
OCD Only	
Received by:	Date:
Received by.	Date.

Responsible Party: OWL SWD Operation, LLC

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico Energy Minerals and Natural Resources Department

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

Incident ID	
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

OGRID: 380339

Contact Name: Mr. Phillip Sanders Contact T		elephone: 210-906-3551					
Contact email: <u>psanders@oilfieldwaterlogistics.com</u>			Incident # (assigned by OCD)				
Contact mail Texas 75225		8201 Preston Roa	nd, Suite 520, Da	llas,	'		
			Location	n of R	delease S	ource	
atitude 32.0)59697		(NAD 83 in a	lecimal de	Longitude : grees to 5 decir	: 103.616531 mal places)	
Site Name Ha	arrier Surfac	e Line			Site Type	Pipeline Easeme	ent
Date Release	Discovered	10.4.2020 9:55am	l		API# (if app	plicable): N/A	
Unit Letter	Section	Township	Range		Cour	nty	7
L2, L3, L4	7,18	26S	33E	Lea			
urface Owne		Federal Ti	Nature an	d Vo	lume of 1	Release	e volumes provided below)
Crude Oil		Volume Release		on carculat	ions of specific	Volume Reco	
Produced	Water	Volume Released (bbls): 4,800			Volume Reco	overed (bbls): 60	
		Is the concentration of dissolved chloride in the produced water >10,000 mg/l?		e in the	X Yes N	No	
Condensa	ate	Volume Released (bbls)			Volume Reco	overed (bbls)	
Natural G	Gas	Volume Released (Mcf)			Volume Reco	overed (Mcf)	
Other (de	scribe)	Volume/Weight Released (provide units) Volume/Weight Recove		ght Recovered (provide units)			
Cause of Rel	ease: Unkno	wn vehicle ran ov	er the pipeline, c	ausing a	rupture.		

Page 13 of 204	l 5 of 20 4	<i>15</i>	Page
----------------	--------------------	-----------	------

Incident ID	
District RP	
Facility ID	
Application ID	

Was this a major release as defined by 19.15.29.7(A) NMAC?	If YES, for what reason(s) does the responsible release is larger than 25bbls.	nsible party consider this a major release?
⊠ Yes □ No		
	•	nom? When and by what means (phone, email, etc)? the BLM regarding the release on October 7, 2020.
	Initial R	esponse
The responsible	party must undertake the following actions immediated	y unless they could create a safety hazard that would result in injury
☐ The source of the rele	ease has been stopped.	
The impacted area ha	s been secured to protect human health and	the environment.
Released materials ha	ave been contained via the use of berms or o	likes, absorbent pads, or other containment devices.
All free liquids and re	ecoverable materials have been removed an	d managed appropriately.
If all the actions described	d above have <u>not</u> been undertaken, explain	why:
Per 19.15.29.8 B. (4) NM	AC the responsible party may commence r	emediation immediately after discovery of a release. If remediation
		efforts have been successfully completed or if the release occurred blease attach all information needed for closure evaluation.
		best of my knowledge and understand that pursuant to OCD rules and
public health or the environ	nent. The acceptance of a C-141 report by the C	fications and perform corrective actions for releases which may endanger OCD does not relieve the operator of liability should their operations have
		at to groundwater, surface water, human health or the environment. In responsibility for compliance with any other federal, state, or local laws
and/or regulations.	`	1 / C = 10
Printed Name: المالية	anders	Title: Director
Signature:		Date: $\frac{10}{5}$
email: PSQNder 506	ilfieldwaterlagistics.com	Telephone: (432)269-3735
OCD Only		,
Received by:		Date:
İ		

Received by OCD: 9/23/2021 12:46:15 PM Form C-141 State of New Mexico Oil Conservation Division Page 3

	Page 16 of 204
Incident ID	
District RP	
Facility ID	
Application ID	

Site Assessment/Characterization

This information must be provided to the appropriate district office no taler than 90 days after the release discovery date.	
What is the shallowest depth to groundwater beneath the area affected by the release?	(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 X 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 X No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	☐ Yes X No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	Yes X No
Are the lateral extents of the release within 300 feet of a wetland?	Yes X 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?	X Yes No
Attach a comprehensive report (electronic submittals in .pdf format are preferred) demonstrating the lateral and ver contamination associated with the release have been determined. Refer to 19.15.29.11 NMAC for specifics.	tical extents of soil

Characterization Report Checklist: Each of the following items must be included in the report.
<u></u>
Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells.
Field data
Data table of soil contaminant concentration data
☐ Depth to water determination
\overline{X} Determination of water sources and significant watercourses within ½-mile of the lateral extents of the release
X Boring or excavation logs
Photographs including date and GIS information
Topographic/Aerial maps
☐ Laboratory data including chain of custody

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

Received by OCD: 9/23/2021 12:46:15 PM Form C-141 State of New Mexico Page 4 Oil Conservation Division

Incident ID
District RP
Facility ID
Application ID

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and
regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger
public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have
failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In
addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws
Printed Name: HSED, Act of Title: HSED, Act of
Printed Name: Title: Title: Title:
Signature: Date: 122
email: Telephone:
OCD Only
Received by: Date:

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

Page	$\mathbf{x} \cdot \mathbf{o}$	r ////
Page 1	v v	407

Incident ID	
District RP	
Facility ID	
Application ID	

Remediation Plan

 ☑ Detailed description of proposed remediation technique ☑ Scaled sitemap with GPS coordinates showing delineation points ☑ Estimated volume of material to be remediated ☑ Closure criteria is to Table 1 specifications subject to 19.15.29.12(C)(4) NMAC ☑ Proposed schedule for remediation (note if remediation plan timeline is more than 90 days OCD approval is required)
Deferral Requests Only: Each of the following items must be confirmed as part of any request for deferral of remediation.
Contamination must be in areas immediately under or around production equipment where remediation could cause a major facility deconstruction.
Extents of contamination must be fully delineated.
Contamination does not cause an imminent risk to human health, the environment, or groundwater.
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. Printed Name: Date: Title: Telephone: Telephone: OCD Only
Received by: Date:
Approved Approved with Attached Conditions of Approval Denied Deferral Approved
Signature: Date:

Received by OCD: 9/23/2021 12:46:15 PM Form C-141 State of New Mexico Page 6 Oil Conservation Division

	Page 19 of 204
Incident ID	
District RP	
Facility ID	
Application ID	

Closure

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

Closure Report Attachment Checklist: Each of the following items must be included in the closure report.

☐ A scaled site and sampling diagram as described in 19.15.29.1	1 NMAC
Photographs of the remediated site prior to backfill or photos must be notified 2 days prior to liner inspection)	of the liner integrity if applicable (Note: appropriate OCD District office
☐ Laboratory analyses of final sampling (Note: appropriate ODC	C District office must be notified 2 days prior to final sampling)
☐ Description of remediation activities	
and regulations all operators are required to report and/or file certain may endanger public health or the environment. The acceptance of	nediate contamination that pose a threat to groundwater, surface water, a C-141 report does not relieve the operator of responsibility for tions. The responsible party acknowledges they must substantially neditions that existed prior to the release or their final land use in CD when reclamation and re-vegetation are complete.
Signature:	Date:
email:	Telephone:
OCD Only	
OCD Only Received by:	Date:
Received by: Closure approval by the OCD does not relieve the responsible party	of liability should their operations have failed to adequately investigate and water, human health, or the environment nor does not relieve the responsible
Received by: Closure approval by the OCD does not relieve the responsible party remediate contamination that poses a threat to groundwater, surface of the contamination of the	of liability should their operations have failed to adequately investigate and water, human health, or the environment nor does not relieve the responsible or regulations.

Appendix II- Sitemaps







Appendix III- Groundwater Search



September 9, 2021

NMOCD Environmental Bureau 1220 South St. Francis Drive Santa Fe, NM 87505

Re: Depth to Groundwater Determination

BTA Oil Producers Mesa Area

To Whom it May Concern

RXSoil, Inc. is pleased to submit the determination of depth to groundwater for the areas described in the report.

Sincerely,

Jace Caraway

Chief Operating Officer

RXSoil, Inc.

(940) 210-2051

Zach Robbins

Technical and Engineering Analyst

RXSoil, Inc.

(210) 400-7645

Table of Contents

l.	Background	3
II.	Findings	3
III.	Determinations	
Figures		
1.	Vicinity Map	4
2.	Well Map	5
Appendix		
A.	Well Records	8

I. Background

On behalf of BTA Oil Producers, LLC, RXSoil, Inc. ("RXSoil") has prepared this document as a determination for depth to groundwater in the Mesa area (see *Figure 1*). Atkins Engineering Associates Inc. (Drilling License No. 1249) was hired for the drilling, logging, and plugging of these wells.

Assigning an approximate center point of this area to 32.0639, -103.6288, there were only two recent wells within a two-mile radius. Per the OSE POD Locations database, C 04485 POD1 is located 0.28 miles southwest of the center point and within the triangle of determination described in **Section III**. That well had a depth of 55' with no water detected and a finish date of 10/05/2020. C 04537 POD1 is located 1.90 miles northwest of the center point and outside of the determination area. That well had a depth of 500' with water detected at 280' and a finish date of 06/11/2021.

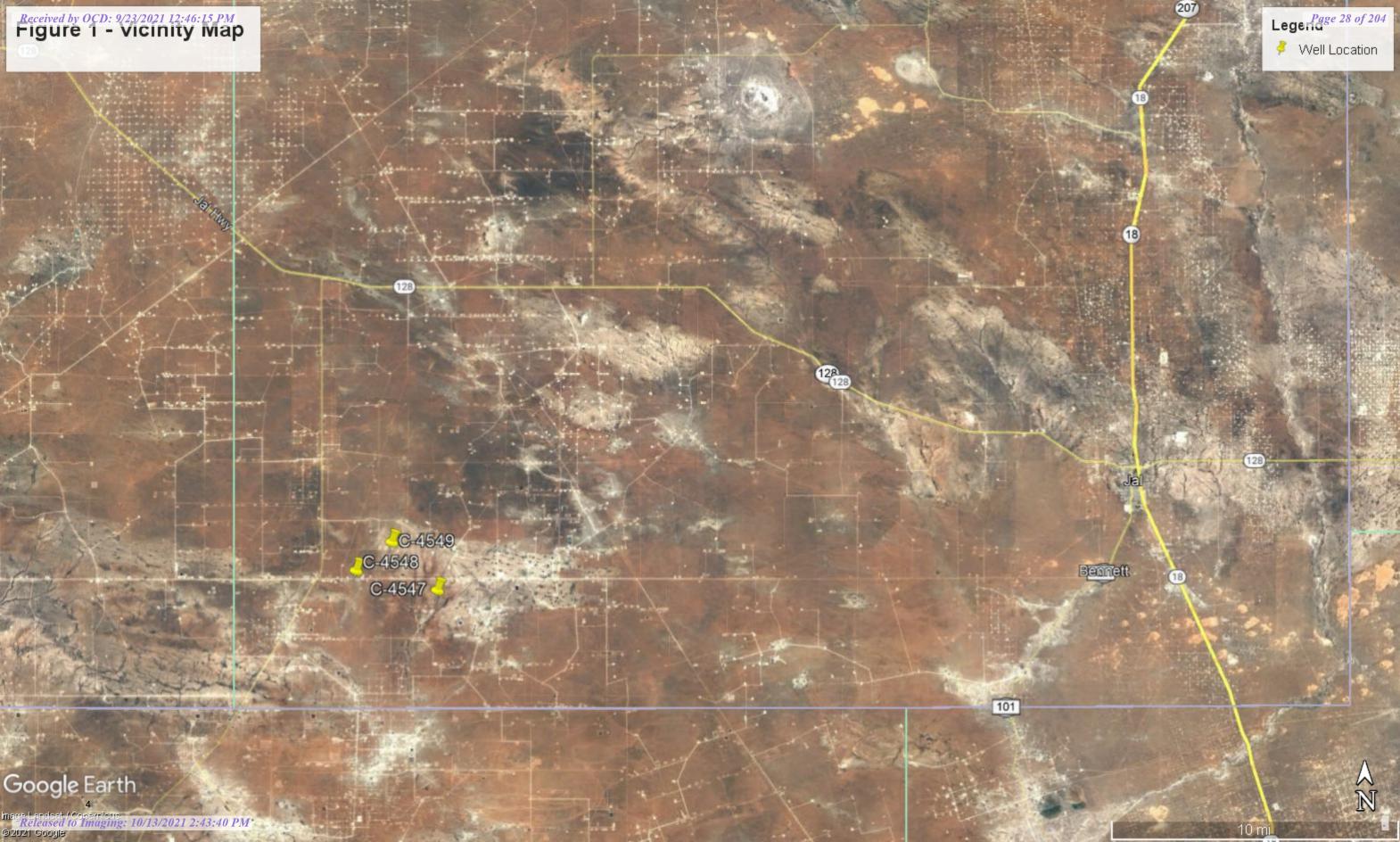
II. Findings

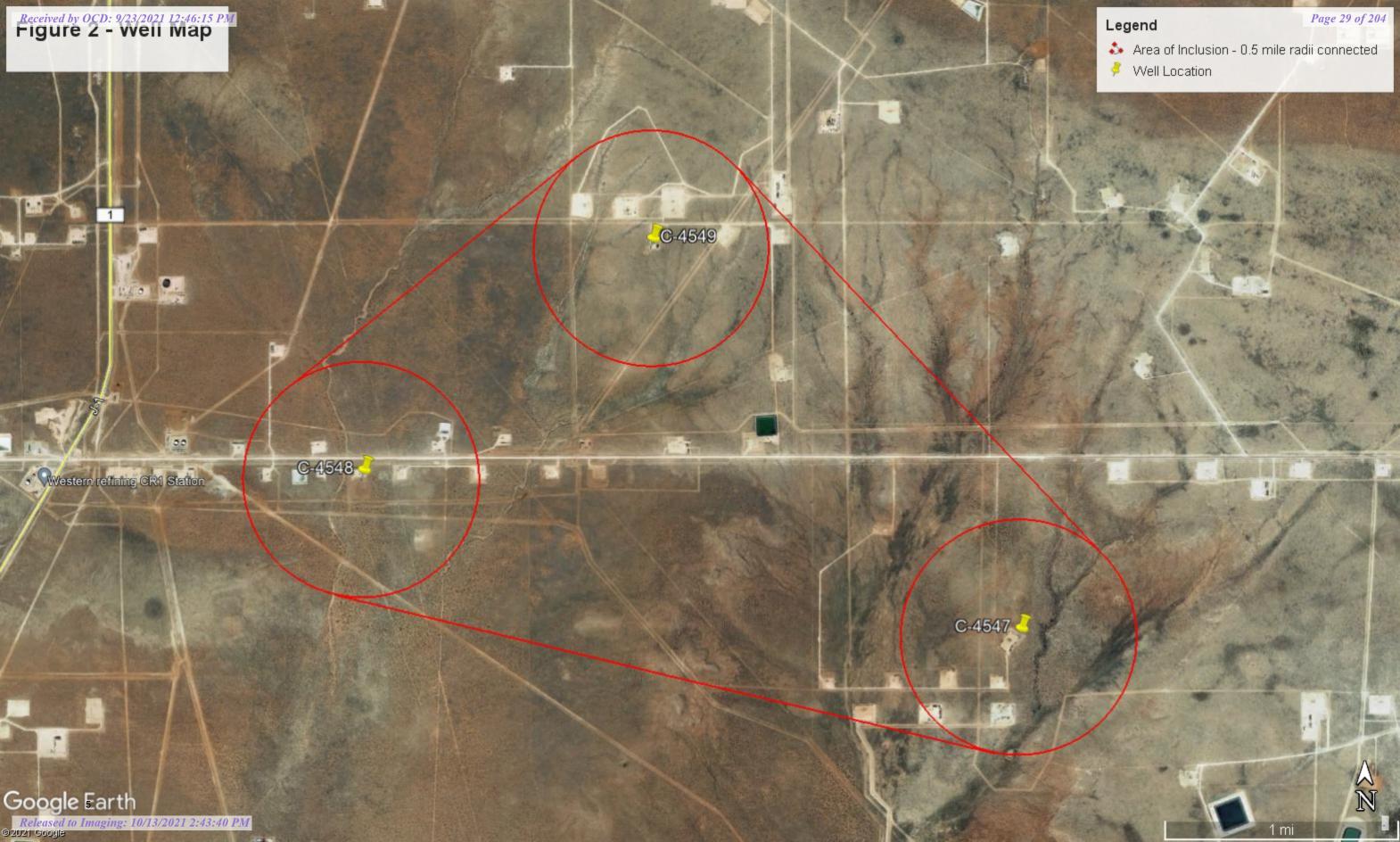
Three wells were drilled and left open for 72 hours to allow for a reading of static water level. The locations of these wells, along with the proposed area of inclusion for these determinations, are included in *Figure 2*.

OSE FILE	l	LATITUDE (N)	LC	ONGITUDE (V	V)	BOREHOLE	STATIC
NO.	DEGREES ⁴	MINUTES	SECONDS	DEGREES	MINUTES	SECONDS	DEPTH, FT	WATER
NO.	DEGREES	MINOTES	3ECOND3	DEGREES	MINOTES	3ECOND3	DEF III, I I	LEV EL, FT
C-4547	32	3	14.34	103	36	16.96	112	89.5
C-4548	32	3	49.57	103	39	9.68	110	81.4
C-4549	32		40.92	103	37	53.68	103	N/A

III. Determinations

RXSoil is requesting that based on the results from these water wells, all incidents within the triangle formed by the outer edges of the 0.5-mile radii from the water wells, as shown in *Figure 2*, will have a determined groundwater greater than or equal to 81.4 feet, the shallowest of the three wells. Remediation standards for locations with determined groundwater of 51' to 100' will be used for incidents in the described area.





APPENDIX A

WELL RECORDS



2904 W 2nd St. Roswell, NM 88201 voice: 575.624.2420 fax: 575.624.2421 www.aikinseng.com

07/29/2021

DSE DII AUG 2 2021 PM2:50

DII-NMOSE 1900 W 2nd Street Roswell, NM 88201

Hand Delivered to the DII Office of the State Engineer

Re: Well Record C-4547 Pod1

To whom it may concern:

Attached please find a well record and a plugging record, in duplicate, for a one (1) soil borings, C-4547 Pod1. On a BTA Oil Producers well location in Lea County, NM

If you have any questions, please contact me at 575.499.9244 or lucas@atkinseng.com.

Sincerely,

Lucas Middleton

Enclosures: as noted above

Garan Middle

Opy Y

WELL RECORD & LOG OFFICE OF THE STATE ENGINEER www.ose.state.nm.us

OSE DIT AUG 22021 PM2:50

	OSE POD NO.		D.)		WELL	TAG ID NO.				FILE NO(S).			
NO.	POD1 (MW-1) n/a								C-45	47				
ATI	WELL OWNE)	•					PHON	VE (OPTIO	ONAL)			
0	BTA Oil Pi	roducers												
Ξ	WELL OWNE		G ADDRESS						CITY STATE					ZIP
WE	104 S. Pecc	os St.							Midla	and		TX	79701	
£	WELL		Dì	EGREES	MINUTES SECONDS								n . ?	
LA	LOCATIO	N LA	TITUDE	32		3	14.34	1 N	ACCURACY REQUIRED: ONE TENTH OF A SECOND					
ERA	(FROM GP	s) 10	NGITUDE	103		36	16.96	5 W	* DA	TUM REC	QUIRED: WGS 84			
GENERAL AND WELL LOCATION	DESCRIPTIO	_	NG WELL LOCATION TO	STREET ADDR	ESS AN	D COMMON	LANDMAF	RKS – PLS	S (SECT	TON, TO	WNSHJIP, RANGE) WH	ERE AVA	ILABLE	
1.0	NE SE SE										·····, ····,			
											u=			
	LICENSE NO.	-	NAME OF LICENSED		ackie	D. Atkins					NAME OF WELL DR		OMPANY Associates, l	nc
			DDH I DIG DDDD					2022 200		TIL COM		-	•	
	DRILLING ST 07/15/2		07/15/2021	DEPTH OF COM tempor		ell materia		BORE HO	112	IH (F1)	DEPTH WATER FIRE	unkno		
									STATIC WATER LEVEL IN COMPLETED WE					71 (97)
_	COMPLETED	WELL IS:	ARTESIAN	DRY HOL	Е [SHALLOV	W (UNCON	FINED)	89.5				aac (PT)	
IO	DRILLING FL	IIID.	✓ AIR			ADDITIVI	ES – SPECII	7 V ·						
TAM			ROTARY	HAMMER		CABLE TO		_	R – SPECIFY: Hollow			w Stem Auger		
OR											Tionow Stom Mager			
Z	DRILLING FLUID: DRILLING METHOD: ROTARY DEPTH (feet bgl) FROM TO DIAM (inches)		CASING 1	trade. I		SING		CASING CASING WAI INSIDE DIAM. THICKNES: (inches) (inches)			SLOT			
N.				(include each casing string, and						NECTION TYPE			SIZE (inches)	
CAS		21	±8.5			ctions of screen) (add coupling diamet		neter)	(menes)			<u> </u>		
	21	112	±3.5			ir Rotary	_							
2. DRILLING &	21	112	13.3	100	шь- л	n Rotary							_	-
E					_									
2. D										-				
							- +							
										,				
	DEPTH ((feet bgl)	BORE HOLE	Lis	T AN	NULAR SE	AL MAT	ERIAL A	ND		AMOUNT		METHO	D OF
ΨΓ	FROM	то	DIAM. (inches)	1		ACK SIZE-					(cubic feet)		PLACEN	
ANNULAR MATERIAL														
IAT														
E E														
AL.														
N														
ь.														
FOR	OSE INTERI	NAL USE	B							WR-20	WELL RECORD	LOG (Version 06/3	0/17)
FILE	NO.					POD NO				TRN	1O.			
LOC	LOCATION WELL TAG ID NO. PAGE 1 OF 2									1 OF 2				

WELL TAG ID NO.

OSE DII AUG 2 2021 PM2:50

THICKNESS Color and Type of MATERIAL ENCOUNTERED WATER WATER		DEPTH (1	eet bgl)		COLOBAN	D TYPE OF MATERIAL E	NCOLNTERED				ESTIMATED
FROM				THICKNESS	l			ves			YIELD FOR WATER-
1		FROM	то	(feet)		(YES	/NO)	BEARING			
1		0	4	Y	√ N						
Signature of Driller / Print Signer Date Print Signer Date Print Name(s) of Driller (Carmeto Travino) Print Name(s)	4	44	40	Y	√ N						
THE UNDERSIGNED HEREBY CERTIFIES THAT, TO THE BEST OF HIS OR HER KNOWLEDGE AND BELIEF, THE FOREGOING IS A TRUE AND CORRECT RECORD OF THE ABOVE DESCRIBED HOLE AND THAT HE OR SIE WILL TESTING PERIOD. THE UNDERSIGNED HEREBY CERTIFIES THAT, TO THE BEST OF HIS OR HER KNOWLEDGE AND BELIEF, THE FOREGOING IS A TRUE AND CORRECT RECORD OF THE ABOVE DESCRIBED HOLE AND THAT HE OR SIE WILL THE THIS WELL RECORD WITH THE STATE ENKINGERS AND THE FEMALY FROM THE ABOVE DESCRIBED HOLE AND THAT HE OR SIE WILL THE THIS WELL RECORD WITH THE STATE ENKINGERS AND THE FEMALY HOLD AND AYS AFTER COMPLETION OF WELL DISTRICT HOR AND THE ABOVE DESCRIBED HOLE AND THAT HE OR SIE WILL THE THIS WELL RECORD WITH THE STATE ENKINGERS AND THE FEMALY HOLD AND AYS AFTER COMPLETION OF WELL DISTRICT HOR AND THE REMOTHER AND THE FEMALY HOLD AND THAT HE OR SIE WILL THE THIS WELL RECORD WITH THE STATE ENKINGERS AND THE FEMALY HOLD AND AYS AFTER COMPLETION OF WELL DISTRICT HON OTHER THAN LICENSEE: Share Eldridge, Cameron Pruitt, Carmelo Trevino THE UNDERSIGNED HEREBY CERTIFIES THAT, TO THE BEST OF HIS OR HER KNOWLEDGE AND BELIEF, THE FOREGOING IS A TRUE AND CORRECT RECORD OF THE ABOVE DESCRIBED HOLE AND THAT HE OR SIE WILL FITHS WELL RECORD WITH THE STATE ENKINGERS AND THE FEMALY HOLD AND AYS AFTER COMPLETION OF WELL DISTRICT HE FIRST HOLD AND THAT HE OR SIE WILL FITHS WELL RECORD WITH THE STATE ENKINGERS AND THE FEMALY HOLD RECORD THE ABOVE DESCRIBED HOLE AND THAT HE OR SIE WILL FITHS WELL RECORD WITH THE STATE ENKINGER AND THE FEMALY HOLD RECORD THE ABOVE DESCRIBED HOLE AND THAT HE OR SIE WILL FITHS WELL RECORD WITH THE STATE ENKINGER AND THE FEMALY HOLD RECORD THE ABOVE DESCRIBED HOLE AND THAT HE OR SIE WILL FITHS WELL RECORD WITH THE STATE ENKINGER AND THE FEMALY HOLD RECORD THE ABOVE DESCRIBED HOLE AND THAT HE OR SIE WILL FITHS WELL RECORD WITH THE STATE ENKINGER AND THE FEMALY HOLD RECORD THE ABOVE DESCRIBED HOLE AND THAT HE OR SIE WILL FITHS WELL RECORD & LOG (Version 06902017). FILE NO.		44	51	7		Y	√N				
THE UNDERSIGNED HERBBY CERTIFIES THAT, TO THE BEST OF HIS OR HER KNOWLEDGE AND BELIEF, THE FOREGOING IS A TRUE AND CORRECT RECORD OF THE ABOVE DESCRIBED HOLE AND THAT HE OR SIE WILL FILE THIS WELL RECORD WITH THE STATE ENGINEER AND IT HERBBY CERTIFIES THAT, TO THE BEST OF HIS OR HER KNOWLEDGE AND BELIEF, THE FOREGOING IS A TRUE AND CORRECT RECORD OF THE ABOVE DESCRIBED HOLE AND THAT HE OR SIE WILL FILE THIS WELL RECORD WITH THE STATE ENGINEER AND THAT HE OR SIE WILL FILE THIS WELL RECORD WITH THE STATE ENGINEER AND THAT HE OR SIE WILL FILE THIS WELL RECORD WITH THE STATE ENGINEER AND THAT HE OR SIE WILL FILE THIS WELL RECORD WITH THE STATE ENGINEER AND THAT HE OR SIE WILL FILE THIS WELL RECORD WITH THE STATE ENGINEER AND THAT HE OR SIE WILL FILE THIS WELL RECORD WITH THE STATE ENGINEER AND THAT HE OR SIE WILL FILE THIS WELL RECORD WITH THE STATE ENGINEER AND THAT HE OR SIE WILL FILE THIS WELL RECORD WITH THE STATE ENGINEER AND THAT HE OR SIE WILL FILE THIS WELL RECORD WITH THE STATE ENGINEER AND THAT HE OR SIE WILL FILE THIS WELL RECORD WITH THE STATE ENGINEER AND THAT HE OR SIE WILL FILE THIS WELL RECORD WITH THE STATE ENGINEER AND THAT HE OR SIE WILL FILE THIS WELL RECORD WITH THE STATE ENGINEER AND THAT HE OR SIE WILL FILE THIS WELL RECORD WITH THE STATE ENGINEER AND THAT HE OR SIE WILL FILE THIS WELL RECORD WITH THE STATE ENGINEER AND THE PERMIT HOLDER WITHIN 30 DAYS AFTER COMMITTION OF WELL DILLING: SIGNATURE OF DRILLER / PRINT SIGNEE NAME PROR OSE INTERNAL USE WR-20 WELL RECORD & LOG (Version 06/90/2017) THE UNDERSIGNED HEREBY CERTIFIES THAT, TO THE BEST OF HIS OR HER KNOWLEDGE AND BELIEF, THE FOREGOING IS A TRUE AND THE STATE ENGINEER AND THE PERMIT HOLDER WITHIN 30 DAYS AFTER COMMITTED OF WELL DILLING: SIGNATURE OF DRILLER / PRINT SIGNEE NAME PROR OSE INTERNAL USE WR-20 WELL RECORD & LOG (Version 06/90/2017) THE WR-20 WELL RECORD & LOG (Version 06/90/2017)		51	103	52	Sandston	✓ Y	N				
DOOD TO THE TRANSPORT OF DRILL RIG SUPERVISOR(S) THAT PROVIDED ONSITE SUPERVISION OF WELL CONSTRUCTION OTHER THAN LICENSEE. Shane Eldridge, Cameron Pruitt, Carmelo Trevino THE UNDERSIGNED HERBBY CERTIFIES THAT, TO THE BEST OF HIS OR HER KNOWLEDGE AND BELLER, THE FOREGOING IS A TRUE AND CONRECT RECORD OF THE ABOVE DESCRISCED HALE AND LAYS A FITER COMPLETION OF WELL DRILLING. THE UNDERSIGNED HERBBY CERTIFIES THAT, TO THE BEST OF HIS OR HER KNOWLEDGE AND BELLER, THE FOREGOING IS A TRUE AND CONRECT RECORD OF THE ABOVE DESCRISCED HALE AND LAYS A FITER COMPLETION OF WELL DRILLING. THE UNDERSIGNED HERBBY CERTIFIES THAT, TO THE BEST OF HIS OR HER KNOWLEDGE AND BELLER, THE FOREGOING IS A TRUE AND CONRECT RECORD OF THE ABOVE DESCRISCED HOLE AND THAT HE OR SHE WILL FILE THIS WELL RECORD WITH THE STATE ENGINEER AND THE PRIMIT HOLDER WITHIN 30 DAYS AFTER COMPLETION OF WELL DRILLING. POR OSE INTERNAL USE WE-20 WELL RECORD & LOG (Version 06/30/2017) FILE NO. POD NO. TRN NO.				Y	N						
WELL TEST TEST RESULTS - ATTACH A COPY OF DATA COLLECTED DURING WELL TESTING, INCLUDING DISCHARGE METHOD, START TIME, END TIME, AND A TABLE SHOWING DISCHARGE AND DRAWDOWN OVER THE TESTING PERIOD. WELL TEST TEST RESULTS - ATTACH A COPY OF DATA COLLECTED DURING WELL TESTING, INCLUDING DISCHARGE METHOD, START TIME, END TIME, AND A TABLE SHOWING DISCHARGE AND DRAWDOWN OVER THE TESTING PERIOD. MISCELLANEOUS INFORMATION: Temporary well materials removed and the soil boring plugged using tremie pipe to total depth and landed cement slurry of <6.0 gallons of water per 94 lbs sack of Portland TYPE I/II Neat Cement. See attached Plugging Record PRINT NAME(S) OF DRILL RIG SUPERVISOR(S) THAT PROVIDED ONSITE SUPERVISION OF WELL CONSTRUCTION OTHER THAN LICENSEE: Shane Eldridge, Cameron Pruitt, Carmelo Trevino THE UNDERSIGNED HEREBY CERTIFIES THAT, TO THE BEST OF HIS OR HER KNOWLEDGE AND BELIEF, THE FOREGOING IS A TRUE AND CORRECT RECORD OF THE ABOVE DESCRIBED HOLE AND THAT HER OSHE WILL FILE THIS WELL RECORD WITH THE STATE ENGINEER AND THAT HE PERMIT HOLDER WITHIN 30 DAYS AFTER COMPLETION OF WELL DRILLING: Jack Atkins Jackie D. Atkins 07/29/2021 FILE NO. POD NO. TRN NO.	ᆸᆲ								Y	N	
WELL TEST TEST RESULTS - ATTACH A COPY OF DATA COLLECTED DURING WELL TESTING, INCLUDING DISCHARGE METHOD, START TIME, END TIME, AND A TABLE SHOWING DISCHARGE AND DRAWDOWN OVER THE TESTING PERIOD. WELL TEST TEST RESULTS - ATTACH A COPY OF DATA COLLECTED DURING WELL TESTING, INCLUDING DISCHARGE METHOD, START TIME, END TIME, AND A TABLE SHOWING DISCHARGE AND DRAWDOWN OVER THE TESTING PERIOD. MISCELLANEOUS INFORMATION: Temporary well materials removed and the soil boring plugged using tremie pipe to total depth and landed cement slurry of <6.0 gallons of water per 94 lbs sack of Portland TYPE I/II Neat Cement. See attached Plugging Record PRINT NAME(S) OF DRILL RIG SUPERVISOR(S) THAT PROVIDED ONSITE SUPERVISION OF WELL CONSTRUCTION OTHER THAN LICENSEE: Shane Eldridge, Cameron Pruitt, Carmelo Trevino THE UNDERSIGNED HEREBY CERTIFIES THAT, TO THE BEST OF HIS OR HER KNOWLEDGE AND BELIEF, THE FOREGOING IS A TRUE AND CORRECT RECORD OF THE ABOVE DESCRIBED HOLE AND THAT HER OSHE WILL FILE THIS WELL RECORD WITH THE STATE ENGINEER AND THAT HE PERMIT HOLDER WITHIN 30 DAYS AFTER COMPLETION OF WELL DRILLING: Jack Atkins Jackie D. Atkins 07/29/2021 FILE NO. POD NO. TRN NO.	WEI		Y	N							
WELL TEST TEST RESULTS - ATTACH A COPY OF DATA COLLECTED DURING WELL TESTING, INCLUDING DISCHARGE METHOD, START TIME, END TIME, AND A TABLE SHOWING DISCHARGE AND DRAWDOWN OVER THE TESTING PERIOD. WELL TEST TEST RESULTS - ATTACH A COPY OF DATA COLLECTED DURING WELL TESTING, INCLUDING DISCHARGE METHOD, START TIME, END TIME, AND A TABLE SHOWING DISCHARGE AND DRAWDOWN OVER THE TESTING PERIOD. MISCELLANEOUS INFORMATION: Temporary well materials removed and the soil boring plugged using tremie pipe to total depth and landed cement slurry of <6.0 gallons of water per 94 lbs sack of Portland TYPE I/II Neat Cement. See attached Plugging Record PRINT NAME(S) OF DRILL RIG SUPERVISOR(S) THAT PROVIDED ONSITE SUPERVISION OF WELL CONSTRUCTION OTHER THAN LICENSEE: Shane Eldridge, Cameron Pruitt, Carmelo Trevino THE UNDERSIGNED HEREBY CERTIFIES THAT, TO THE BEST OF HIS OR HER KNOWLEDGE AND BELIEF, THE FOREGOING IS A TRUE AND CORRECT RECORD OF THE ABOVE DESCRIBED HOLE AND THAT HER OSHE WILL FILE THIS WELL RECORD WITH THE STATE ENGINEER AND THAT HE PERMIT HOLDER WITHIN 30 DAYS AFTER COMPLETION OF WELL DRILLING: Jack Atkins Jackie D. Atkins 07/29/2021 FILE NO. POD NO. TRN NO.	O.F.		Y	N							
WELL TEST TEST RESULTS - ATTACH A COPY OF DATA COLLECTED DURING WELL TESTING, INCLUDING DISCHARGE METHOD, START TIME, END TIME, AND A TABLE SHOWING DISCHARGE AND DRAWDOWN OVER THE TESTING PERIOD. WELL TEST TEST RESULTS - ATTACH A COPY OF DATA COLLECTED DURING WELL TESTING, INCLUDING DISCHARGE METHOD, START TIME, END TIME, AND A TABLE SHOWING DISCHARGE AND DRAWDOWN OVER THE TESTING PERIOD. MISCELLANEOUS INFORMATION: Temporary well materials removed and the soil boring plugged using tremie pipe to total depth and landed cement slurry of <6.0 gallons of water per 94 lbs sack of Portland TYPE I/II Neat Cement. See attached Plugging Record PRINT NAME(S) OF DRILL RIG SUPERVISOR(S) THAT PROVIDED ONSITE SUPERVISION OF WELL CONSTRUCTION OTHER THAN LICENSEE: Shane Eldridge, Cameron Pruitt, Carmelo Trevino THE UNDERSIGNED HEREBY CERTIFIES THAT, TO THE BEST OF HIS OR HER KNOWLEDGE AND BELIEF, THE FOREGOING IS A TRUE AND CORRECT RECORD OF THE ABOVE DESCRIBED HOLE AND THAT HER OSHE WILL FILE THIS WELL RECORD WITH THE STATE ENGINEER AND THAT HE PERMIT HOLDER WITHIN 30 DAYS AFTER COMPLETION OF WELL DRILLING: Jack Atkins Jackie D. Atkins 07/29/2021 FILE NO. POD NO. TRN NO.	Ö								Y	N	
WELL TEST TEST RESULTS - ATTACH A COPY OF DATA COLLECTED DURING WELL TESTING, INCLUDING DISCHARGE METHOD, START TIME, END TIME, AND A TABLE SHOWING DISCHARGE AND DRAWDOWN OVER THE TESTING PERIOD. WELL TEST TEST RESULTS - ATTACH A COPY OF DATA COLLECTED DURING WELL TESTING, INCLUDING DISCHARGE METHOD, START TIME, END TIME, AND A TABLE SHOWING DISCHARGE AND DRAWDOWN OVER THE TESTING PERIOD. MISCELLANEOUS INFORMATION: Temporary well materials removed and the soil boring plugged using tremie pipe to total depth and landed cement slurry of <6.0 gallons of water per 94 lbs sack of Portland TYPE I/II Neat Cement. See attached Plugging Record PRINT NAME(S) OF DRILL RIG SUPERVISOR(S) THAT PROVIDED ONSITE SUPERVISION OF WELL CONSTRUCTION OTHER THAN LICENSEE: Shane Eldridge, Cameron Pruitt, Carmelo Trevino THE UNDERSIGNED HEREBY CERTIFIES THAT, TO THE BEST OF HIS OR HER KNOWLEDGE AND BELIEF, THE FOREGOING IS A TRUE AND CORRECT RECORD OF THE ABOVE DESCRIBED HOLE AND THAT HER OSHE WILL FILE THIS WELL RECORD WITH THE STATE ENGINEER AND THAT HE PERMIT HOLDER WITHIN 30 DAYS AFTER COMPLETION OF WELL DRILLING: Jack Atkins Jackie D. Atkins 07/29/2021 FILE NO. POD NO. TRN NO.	<u>[</u>								Y	N	
WELL TEST TEST RESULTS - ATTACH A COPY OF DATA COLLECTED DURING WELL TESTING, INCLUDING DISCHARGE METHOD, START TIME, END TIME, AND A TABLE SHOWING DISCHARGE AND DRAWDOWN OVER THE TESTING PERIOD. WELL TEST TEST RESULTS - ATTACH A COPY OF DATA COLLECTED DURING WELL TESTING, INCLUDING DISCHARGE METHOD, START TIME, END TIME, AND A TABLE SHOWING DISCHARGE AND DRAWDOWN OVER THE TESTING PERIOD. MISCELLANEOUS INFORMATION: Temporary well materials removed and the soil boring plugged using tremie pipe to total depth and landed cement slurry of <6.0 gallons of water per 94 lbs sack of Portland TYPE I/II Neat Cement. See attached Plugging Record PRINT NAME(S) OF DRILL RIG SUPERVISOR(S) THAT PROVIDED ONSITE SUPERVISION OF WELL CONSTRUCTION OTHER THAN LICENSEE: Shane Eldridge, Cameron Pruitt, Carmelo Trevino THE UNDERSIGNED HEREBY CERTIFIES THAT, TO THE BEST OF HIS OR HER KNOWLEDGE AND BELIEF, THE FOREGOING IS A TRUE AND CORRECT RECORD OF THE ABOVE DESCRIBED HOLE AND THAT HER OSHE WILL FILE THIS WELL RECORD WITH THE STATE ENGINEER AND THAT HE PERMIT HOLDER WITHIN 30 DAYS AFTER COMPLETION OF WELL DRILLING: Jack Atkins Jackie D. Atkins 07/29/2021 FILE NO. POD NO. TRN NO.	8								Y	N	
WELL TEST TEST RESULTS - ATTACH A COPY OF DATA COLLECTED DURING WELL TESTING, INCLUDING DISCHARGE METHOD, START TIME, END TIME, AND A TABLE SHOWING DISCHARGE AND DRAWDOWN OVER THE TESTING PERIOD. WELL TEST TEST RESULTS - ATTACH A COPY OF DATA COLLECTED DURING WELL TESTING, INCLUDING DISCHARGE METHOD, START TIME, END TIME, AND A TABLE SHOWING DISCHARGE AND DRAWDOWN OVER THE TESTING PERIOD. MISCELLANEOUS INFORMATION: Temporary well materials removed and the soil boring plugged using tremie pipe to total depth and landed cement slurry of <6.0 gallons of water per 94 lbs sack of Portland TYPE I/II Neat Cement. See attached Plugging Record PRINT NAME(S) OF DRILL RIG SUPERVISOR(S) THAT PROVIDED ONSITE SUPERVISION OF WELL CONSTRUCTION OTHER THAN LICENSEE: Shane Eldridge, Cameron Pruitt, Carmelo Trevino THE UNDERSIGNED HEREBY CERTIFIES THAT, TO THE BEST OF HIS OR HER KNOWLEDGE AND BELIEF, THE FOREGOING IS A TRUE AND CORRECT RECORD OF THE ABOVE DESCRIBED HOLE AND THAT HER OSHE WILL FILE THIS WELL RECORD WITH THE STATE ENGINEER AND THAT HE PERMIT HOLDER WITHIN 30 DAYS AFTER COMPLETION OF WELL DRILLING: Jack Atkins Jackie D. Atkins 07/29/2021 FILE NO. POD NO. TRN NO.									Y	N	
WELL TEST TEST RESULTS - ATTACH A COPY OF DATA COLLECTED DURING WELL TESTING, INCLUDING DISCHARGE METHOD, START TIME, END TIME, AND A TABLE SHOWING DISCHARGE AND DRAWDOWN OVER THE TESTING PERIOD. WELL TEST TEST RESULTS - ATTACH A COPY OF DATA COLLECTED DURING WELL TESTING, INCLUDING DISCHARGE METHOD, START TIME, END TIME, AND A TABLE SHOWING DISCHARGE AND DRAWDOWN OVER THE TESTING PERIOD. MISCELLANEOUS INFORMATION: Temporary well materials removed and the soil boring plugged using tremie pipe to total depth and landed cement slurry of <6.0 gallons of water per 94 lbs sack of Portland TYPE I/II Neat Cement. See attached Plugging Record PRINT NAME(S) OF DRILL RIG SUPERVISOR(S) THAT PROVIDED ONSITE SUPERVISION OF WELL CONSTRUCTION OTHER THAN LICENSEE: Shane Eldridge, Cameron Pruitt, Carmelo Trevino THE UNDERSIGNED HEREBY CERTIFIES THAT, TO THE BEST OF HIS OR HER KNOWLEDGE AND BELIEF, THE FOREGOING IS A TRUE AND CORRECT RECORD OF THE ABOVE DESCRIBED HOLE AND THAT HER OSHE WILL FILE THIS WELL RECORD WITH THE STATE ENGINEER AND THAT HE PERMIT HOLDER WITHIN 30 DAYS AFTER COMPLETION OF WELL DRILLING: Jack Atkins Jackie D. Atkins 07/29/2021 FILE NO. POD NO. TRN NO.	8								Y	N	
WELL TEST TEST RESULTS - ATTACH A COPY OF DATA COLLECTED DURING WELL TESTING, INCLUDING DISCHARGE METHOD, START TIME, END TIME, AND A TABLE SHOWING DISCHARGE AND DRAWDOWN OVER THE TESTING PERIOD. WELL TEST TEST RESULTS - ATTACH A COPY OF DATA COLLECTED DURING WELL TESTING, INCLUDING DISCHARGE METHOD, START TIME, END TIME, AND A TABLE SHOWING DISCHARGE AND DRAWDOWN OVER THE TESTING PERIOD. MISCELLANEOUS INFORMATION: Temporary well materials removed and the soil boring plugged using tremie pipe to total depth and landed cement slurry of <6.0 gallons of water per 94 lbs sack of Portland TYPE I/II Neat Cement. See attached Plugging Record PRINT NAME(S) OF DRILL RIG SUPERVISOR(S) THAT PROVIDED ONSITE SUPERVISION OF WELL CONSTRUCTION OTHER THAN LICENSEE: Shane Eldridge, Cameron Pruitt, Carmelo Trevino THE UNDERSIGNED HEREBY CERTIFIES THAT, TO THE BEST OF HIS OR HER KNOWLEDGE AND BELIEF, THE FOREGOING IS A TRUE AND CORRECT RECORD OF THE ABOVE DESCRIBED HOLE AND THAT HER OSHE WILL FILE THIS WELL RECORD WITH THE STATE ENGINEER AND THAT HE PERMIT HOLDER WITHIN 30 DAYS AFTER COMPLETION OF WELL DRILLING: Jack Atkins Jackie D. Atkins 07/29/2021 FILE NO. POD NO. TRN NO.									Y	N	
WELL TEST TEST RESULTS - ATTACH A COPY OF DATA COLLECTED DURING WELL TESTING, INCLUDING DISCHARGE METHOD, START TIME, END TIME, AND A TABLE SHOWING DISCHARGE AND DRAWDOWN OVER THE TESTING PERIOD. WELL TEST TEST RESULTS - ATTACH A COPY OF DATA COLLECTED DURING WELL TESTING, INCLUDING DISCHARGE METHOD, START TIME, END TIME, AND A TABLE SHOWING DISCHARGE AND DRAWDOWN OVER THE TESTING PERIOD. WISCELLANEOUS INFORMATION: Temporary well materials removed and the soil boring plugged using tremic pipe to total depth and landed cement slurry of <6.0 gallons of water per 94 lbs sack of Portland TYPE I/I Neat Cement. See attached Plugging Record PRINT NAME(S) OF DRILL RIG SUPERVISOR(S) THAT PROVIDED ONSITE SUPERVISION OF WELL CONSTRUCTION OTHER THAN LICENSEE: Shane Eldridge, Cameron Pruitt, Carmelo Trevino THE UNDERSIGNED HEREBY CERTIFIES THAT, TO THE BEST OF HIS OR HER KNOWLEDGE AND BELIEF, THE FOREGOING IS A TRUE AND CORRECT RECORD OF THE ABOVE DESCRIBED HOLE AND THAT HE OR SHE WILL FILE THIS WELL RECORD WITH THE STATE ENGINEER AND THAT HE OR SHE WILL FILE THIS WELL RECORD WITH THE STATE ENGINEER AND THAT HE OR SHE WILL FILE THIS WELL RECORD WITH THE STATE ENGINEER AND THAT HE OR SHE WILL FILE THIS WELL RECORD WITH THE STATE ENGINEER AND THAT HE OR SHE WILL FILE THIS WELL RECORD WITH THE STATE ENGINEER AND THAT HE OR SHE WILL FILE THIS WELL RECORD WITH THE STATE ENGINEER AND THAT HE OR SHE WILL FILE THIS WELL RECORD WITH THE STATE ENGINEER AND THAT HE OR SHE WILL FILE THIS WELL RECORD WITH THE STATE ENGINEER AND THE PERMIT HOLDER WITHIN 30 DAYS AFTER COMPLETION OF WELL DRILLING: Jack Atkins Jackie D. Atkins 07/29/2021 FOR OSE INTERNAL USE WR-20 WELL RECORD & LOG (Version 06/30/2017) FILE NO. POD NO. TRN NO.	1.4								Y	N	
WELL TEST TEST RESULTS - ATTACH A COPY OF DATA COLLECTED DURING WELL TESTING, INCLUDING DISCHARGE MBTHOD, START TIME, END TIME, AND A TABLE SHOWING DISCHARGE AND DRAWDOWN OVER THE TESTING PERIOD. WELL TEST TEST RESULTS - ATTACH A COPY OF DATA COLLECTED DURING WELL TESTING, INCLUDING DISCHARGE MBTHOD, START TIME, END TIME, AND A TABLE SHOWING DISCHARGE AND DRAWDOWN OVER THE TESTING PERIOD. MISCELLANEOUS INFORMATION: Temporary well materials removed and the soil boring plugged using tremic pipe to total depth and landed coment slurry of <6.0 gallons of water per 94 lbs sack of Portland TYPE J/I Neat Cement. See attached Plugging Record PRINT NAME(S) OF DRILL RIG SUPERVISOR(S) THAT PROVIDED ONSITE SUPERVISION OF WELL CONSTRUCTION OTHER THAN LICENSEE: Shane Eldridge, Cameron Pruitt, Carmelo Trevino THE UNDERSIGNED HEREBY CERTIFIES THAT, TO THE BEST OF HIS OR HER KNOWLEDGE AND BELIEF, THE FOREGOING IS A TRUE AND THE PERMIT HOLDER WITHIN 30 DAYS AFTER COMPLETION OF WELL DRILLING: Jack Atkins Jackie D. Atkins 07/29/2021 FOR OSE INTERNAL USE WR-20 WELL RECORD & LOG (Version 06/30/2017) FILE NO. POD NO. TRN NO.									Y	N	
METHOD USED TO ESTIMATE YIELD OF WATER-BEARING STRATA: DY N									Y	N	
METHOD USED TO ESTIMATE YIELD OF WATER-BEARING STRATA: METHOD USED TO ESTIMATE YIELD OF WATER-BEARING STRATA: DITAL ESTIMATED WELL YIELD (gpm): 0.00									Y	N	
METHOD USED TO ESTIMATE YIELD OF WATER-BEARING STRATA: METHOD USED TO ESTIMATE YIELD OF WATER-BEARING STRATA: DITAL ESTIMATED WELL YIELD (gpm): 0.00									Y		
METHOD USED TO ESTIMATE YIELD OF WATER-BEARING STRATA: DIAL ESTIMATED WELL YIELD (gpm): 0.00									Y	N	
METHOD USED TO ESTIMATE YIELD OF WATER-BEARING STRATA: DYMP		-							Y		
WELL TEST TEST RESULTS - ATTACH A COPY OF DATA COLLECTED DURING WELL TESTING, INCLUDING DISCHARGE METHOD, START TIME, END TIME, AND A TABLE SHOWING DISCHARGE AND DRAWDOWN OVER THE TESTING PERIOD. MISCELLANEOUS INFORMATION: Temporary well materials removed and the soil boring plugged using tremic pipe to total depth and landed cement slurry of <6.0 gallons of water per 94 lbs sack of Portland TYPE I/II Neat Cement. See attached Plugging Record PRINT NAME(S) OF DRILL RIG SUPERVISOR(S) THAT PROVIDED ONSITE SUPERVISION OF WELL CONSTRUCTION OTHER THAN LICENSEE: Shane Eldridge, Cameron Pruitt, Carmelo Trevino THE UNDERSIGNED HEREBY CERTIFIES THAT, TO THE BEST OF HIS OR HER KNOWLEDGE AND BELIEF, THE FOREGOING IS A TRUE AND CORRECT RECORD OF THE ABOVE DESCRIBED HOLE AND THAT HE OR SHE WILL FILE THIS WELL RECORD WITH THE STATE ENGINEER AND THE PERMIT HOLDER WITHIN 30 DAYS AFTER COMPLETION OF WELL DRILLING: Jack Atkins Jackie D. Atkins 07/29/2021 FOR OSE INTERNAL USE WR-20 WELL RECORD & LOG (Version 06/30/2017) FILE NO. POD NO. TRN NO.		METHOD U	SED TO ES	TIMATE YIELD	OF WATER-BEARING	G STRATA:		тот			
WELL TEST RESULTS - ATTACH A COPY OF DATA COLLECTED DURING WELL TESTING, INCLUDING DISCHARGE METHOD, START TIME, END TIME, AND A TABLE SHOWING DISCHARGE AND DRAWDOWN OVER THE TESTING PERIOD. MISCELLANEOUS INFORMATION: Temporary well materials removed and the soil boring plugged using tremie pipe to total depth and landed cement slurry of <6.0 gallons of water per 94 lbs sack of Portland TYPE I/II Neat Cement. See attached Plugging Record PRINT NAME(S) OF DRILL RIG SUPERVISOR(S) THAT PROVIDED ONSITE SUPERVISION OF WELL CONSTRUCTION OTHER THAN LICENSEE: Shane Eldridge, Cameron Pruitt, Carmelo Trevino THE UNDERSIGNED HEREBY CERTIFIES THAT, TO THE BEST OF HIS OR HER KNOWLEDGE AND BELIEF, THE FOREGOING IS A TRUE AND CORRECT RECORD OF THE ABOVE DESCRIBED HOLE AND THAT HE OR SHE WILL FILE THIS WELL RECORD WITH THE STATE ENGINEER AND THE PERMIT HOLDER WITHIN 30 DAYS AFTER COMPLETION OF WELL DRILLING: Jack Atkins Jackie D. Atkins 07/29/2021 SIGNATURE OF DRILLER / PRINT SIGNEE NAME DATE FOR OSE INTERNAL USE WR-20 WELL RECORD & LOG (Version 06/30/2017) FILE NO. POD NO. TRN NO.											0.00
WELL TEST START TIME, END TIME, AND A TABLE SHOWING DISCHARGE AND DRAWDOWN OVER THE TESTING PERIOD. MISCELLANEOUS INFORMATION: Temporary well materials removed and the soil boring plugged using tremic pipe to total depth and landed cement slurry of <6.0 gallons of water per 94 lbs sack of Portland TYPE I/II Neat Cement. See attached Plugging Record PRINT NAME(S) OF DRILL RIG SUPERVISOR(S) THAT PROVIDED ONSITE SUPERVISION OF WELL CONSTRUCTION OTHER THAN LICENSEE: Shane Eldridge, Cameron Pruitt, Carmelo Trevino THE UNDERSIGNED HEREBY CERTIFIES THAT, TO THE BEST OF HIS OR HER KNOWLEDGE AND BELIEF, THE FOREGOING IS A TRUE AND CORRECT RECORD OF THE ABOVE DESCRIBED HOLE AND THAT HE OR SHE WILL FILE THIS WELL RECORD WITH THE STATE ENGINEER AND THE PERMIT HOLDER WITHIN 30 DAYS AFTER COMPLETION OF WELL DRILLING: Jack Atkins Jackie D. Atkins 07/29/2021 SIGNATURE OF DRILLER / PRINT SIGNEE NAME DATE FOR OSE INTERNAL USE WR-20 WELL RECORD & LOG (Version 06/30/2017) FILE NO. POD NO. TRN NO.		Пьом	, UA	IKLIFI [BAILER []OI	HER-SPECIFI;					
cement slurry of <6.0 gallons of water per 94 lbs sack of Portland TYPE I/II Neat Cement. See attached Plugging Record PRINT NAME(S) OF DRILL RIG SUPERVISOR(S) THAT PROVIDED ONSITE SUPERVISION OF WELL CONSTRUCTION OTHER THAN LICENSEE: Shane Eldridge, Cameron Pruitt, Carmelo Trevino THE UNDERSIGNED HEREBY CERTIFIES THAT, TO THE BEST OF HIS OR HER KNOWLEDGE AND BELIEF, THE FOREGOING IS A TRUE AND CORRECT RECORD OF THE ABOVE DESCRIBED HOLE AND THAT HE OR SHE WILL FILE THIS WELL RECORD WITH THE STATE ENGINEER AND THE PERMIT HOLDER WITHIN 30 DAYS AFTER COMPLETION OF WELL DRILLING: Jack Atkina	NO	I WELL TEST I									
cement slurry of <6.0 gallons of water per 94 lbs sack of Portland TYPE I/II Neat Cement. See attached Plugging Record PRINT NAME(S) OF DRILL RIG SUPERVISOR(S) THAT PROVIDED ONSITE SUPERVISION OF WELL CONSTRUCTION OTHER THAN LICENSEE: Shane Eldridge, Cameron Pruitt, Carmelo Trevino THE UNDERSIGNED HEREBY CERTIFIES THAT, TO THE BEST OF HIS OR HER KNOWLEDGE AND BELIEF, THE FOREGOING IS A TRUE AND CORRECT RECORD OF THE ABOVE DESCRIBED HOLE AND THAT HE OR SHE WILL FILE THIS WELL RECORD WITH THE STATE ENGINEER AND THE PERMIT HOLDER WITHIN 30 DAYS AFTER COMPLETION OF WELL DRILLING: Jack Atkina	VIS	MISCELLA	NEOUS INF	ORMATION: Te	emnorary well materia	als removed and the soil h	oring plugged usi	ng tremi	e pipe to	total den	th and landed
Shane Eldridge, Cameron Pruitt, Carmelo Trevino THE UNDERSIGNED HEREBY CERTIFIES THAT, TO THE BEST OF HIS OR HER KNOWLEDGE AND BELIEF, THE FOREGOING IS A TRUE AND CORRECT RECORD OF THE ABOVE DESCRIBED HOLE AND THAT HE OR SHE WILL FILE THIS WELL RECORD WITH THE STATE ENGINEER AND THE PERMIT HOLDER WITHIN 30 DAYS AFTER COMPLETION OF WELL DRILLING: Jack Atkina				ce	ment slurry of <6.0 g	allons of water per 94 lbs	sack of Portland	YPE I/	II Neat Co	ement. S	ee attached
Shane Eldridge, Cameron Pruitt, Carmelo Trevino THE UNDERSIGNED HEREBY CERTIFIES THAT, TO THE BEST OF HIS OR HER KNOWLEDGE AND BELIEF, THE FOREGOING IS A TRUE AND CORRECT RECORD OF THE ABOVE DESCRIBED HOLE AND THAT HE OR SHE WILL FILE THIS WELL RECORD WITH THE STATE ENGINEER AND THE PERMIT HOLDER WITHIN 30 DAYS AFTER COMPLETION OF WELL DRILLING: Jack Atkina	ns 5			Pl	ugging Record						
Shane Eldridge, Cameron Pruitt, Carmelo Trevino THE UNDERSIGNED HEREBY CERTIFIES THAT, TO THE BEST OF HIS OR HER KNOWLEDGE AND BELIEF, THE FOREGOING IS A TRUE AND CORRECT RECORD OF THE ABOVE DESCRIBED HOLE AND THAT HE OR SHE WILL FILE THIS WELL RECORD WITH THE STATE ENGINEER AND THE PERMIT HOLDER WITHIN 30 DAYS AFTER COMPLETION OF WELL DRILLING: Jack Atkina	<u>R</u>										
Shane Eldridge, Cameron Pruitt, Carmelo Trevino THE UNDERSIGNED HEREBY CERTIFIES THAT, TO THE BEST OF HIS OR HER KNOWLEDGE AND BELIEF, THE FOREGOING IS A TRUE AND CORRECT RECORD OF THE ABOVE DESCRIBED HOLE AND THAT HE OR SHE WILL FILE THIS WELL RECORD WITH THE STATE ENGINEER AND THE PERMIT HOLDER WITHIN 30 DAYS AFTER COMPLETION OF WELL DRILLING: Jack Atkina	EST	PRINT NAM	(E(S) OF DI	RILL RIG SUPER	VISOR(S) THAT PRO	VIDED ONSITE SUPERVI	SION OF WELL CO	NSTRU	CTION O	THER TH	IAN LICENSEE:
CORRECT RECORD OF THE ABOVE DESCRIBED HOLE AND THAT HE OR SHE WILL FILE THIS WELL RECORD WITH THE STATE ENGINEER AND THE PERMIT HOLDER WITHIN 30 DAYS AFTER COMPLETION OF WELL DRILLING: Jack Atkins	5. T		. ,		• ,						
CORRECT RECORD OF THE ABOVE DESCRIBED HOLE AND THAT HE OR SHE WILL FILE THIS WELL RECORD WITH THE STATE ENGINEER AND THE PERMIT HOLDER WITHIN 30 DAYS AFTER COMPLETION OF WELL DRILLING: Jack Atkins		THE UNDE	RSIGNED H	EREBY CERTIF	TIES THAT, TO THE B	EST OF HIS OR HER KNO	OWLEDGE AND BI	ELIEF, T	HE FORE	GOING I	S A TRUE AND
FOR OSE INTERNAL USE FOR DO NO. FILE NO. FOR DRILLER / PRINT SIGNEE NAME WR-20 WELL RECORD & LOG (Version 06/30/2017) TRN NO.	TURE	CORRECT I	RECORD OF	F THE ABOVE I	DESCRIBED HOLE AN	D THAT HE OR SHE WIL	L FILE THIS WELI	L RECOI	RD WITH	THE STA	ATE ENGINEER
FOR OSE INTERNAL USE FOR DO NO. FILE NO. FOR DRILLER / PRINT SIGNEE NAME WR-20 WELL RECORD & LOG (Version 06/30/2017) TRN NO.	SIGNA	Jack A	tkins		Ja	ckie D. Atkins			07/29	/2021	
FOR OSE INTERNAL USE WR-20 WELL RECORD & LOG (Version 06/30/2017) FILE NO. POD NO. TRN NO.	خو		SIGNAT	URE OF DRILLE	R / PRINT SIGNEE	NAME	= 1			DATE	
FILE NO. POD NO. TRN NO.											
			NAL USE					ELL RE	CORD &	LOG (Ver	rsion 06/30/2017)
	_					POD NO.					DAGE S OF S

2021-07-28_C-4547_POD1_OSE_Well Record and Log_mesa1-for sign

Final Audit Report 2021-07-29

THE PART OF 18 2 2021 PM21S

Created: 2021-07-29

By: Lucas Middleton (lucas@atkinseng.com)

Status: Signed

Transaction ID: CBJCHBCAABAA3aQOFUKeCXoHbozKpK1XeoMdl53lwclm

"2021-07-28_C-4547_POD1_OSE_Well Record and Log_mesa1 -for sign" History

- Document created by Lucas Middleton (lucas@atkinseng.com) 2021-07-29 8:40:54 PM GMT- IP address: 69.21.248.123
- Document emailed to Jack Atkins (jack@atkinseng.com) for signature 2021-07-29 8:41:43 PM GMT
- Email viewed by Jack Atkins (jack@atkinseng.com) 2021-07-29 8:43:29 PM GMT- IP address: 64,90.153.232
- Document e-signed by Jack Atkins (jack@atkinseng.com)

 Signature Date: 2021-07-29 8:44:00 PM GMT Time Source: server- IP address: 64.90.153.232
- Agreement completed. 2021-07-29 - 8:44:00 PM GMT





2904 W 2nd St. Roswell, NIM 88201 voice: 575.624.2420 fax: 575.624.2421 www.atkinseng.com

07/29/2021

DII-NMOSE 1900 W 2nd Street Roswell, NM 88201

OSE DIT AUG 2 2021 PM2:49

Hand Delivered to the DII Office of the State Engineer

Re: Well Record C-4548 Pod1

To whom it may concern:

Attached please find a well record and a plugging record, in duplicate, for a one (1) soil borings, C-4548 Pod1. On a BTA Oil Producers well location in Lea County, NM

If you have any questions, please contact me at 575.499.9244 or lucas@atkinseng.com.

Sincerely,

Lucas Middleton

Enclosures: as noted above

Gran Middle



OSE DIT AUG 2 2021 PM2:49



PLUGGING RECORD



NOTE: A Well Plugging Plan of Operations shall be approved by the State Engineer prior to plugging - 19.27.4 NMAC

State 1	Engineer Well N	lumber: C-	4548-POD1						
Well	owner: BTA Oil	Producers				_ Pl	none No.: 43	2.312.2203	
Mailiı	ng address: 104	S. Pecos S	St.						
City:	Midland			State: _		Texas	S	_ Zip cod	le: <u>79701</u>
п. W	YELL PLUGGI	NG INFOI	RMATION:						
 1)	Name of well	drilling co	mpany that plugg	ed well: _Ja	ackie D. A	Atkins (Atkir	ns Engineerin	g Associates	s Inc.)
2)			er License No.: 1				Expir		
3)			were supervised bon Pruitt, Carmelo		wing well	driller(s)/r	ig supervisor(s): [
4)	Date well plu	gging bega	n: <u>07/19/2021</u>		Date	well pluggi	ng concluded:	07/19/20	21
5)	GPS Well Lo	cation:	Latitude: Longitude:	32 103	_deg, _deg,		nin, 49.57 nin, 9.68	sec sec, WG	S 84
6)			at initiation of pl	ugging as:	99	ft below	ground level	(bgl),	
7)	Static water I	evel measu	red at initiation of	plugging:	81.4	ft bgl			
8)	Date well plu	igging plan	of operations was	approved b	y the Sta	ite Engineer	6/24/2021	<u> </u>	
9)	Were all plug differences be	ging activi etween the	ties consistent wit approved pluggin	h an approv g plan and t	ed plugg he well a	ing plan? _ s it was plu	Yes gged (attach a	If not, additional pa	please describ ages as needed):
						_			
I									

Version: September 8, 2009

Page 1 of 2

10) Log of Plugging Activities - Label vertical scale with depths, and indicate separate plugging intervals with horizontal lines as necessary to illustrate material or methodology changes. Attach additional pages if necessary.

For each interval plugged, describe within the following columns:

Depth (ft bgl)	Plugging <u>Material Used</u> (include any additives used)	Volume of <u>Material Placed</u> (gallons)	Theoretical Volume of Borehole/ Casing (gallons)	Placement Method (tremie pipe, other)	Comments ("casing perforated first", "open annular space also plugged", etc.)
	0'-99' Portland TYPE I/II Neat Cement Slurry	Approx. 144 gallons	82 gallons	Tremie	
_					
_					
_					
-					
_					
-					
_		MULTIPLY E cubic feet x 7.4 cubic yards x 201.5	3Y AND OBTAIN 1805 = gallons 37 = gallons		

III. SIGNATURE:

I, Jackie D. Atkins	, say tha	at I am	familiar	with	the r	ules c	f the	Office	of the	State
Engineer pertaining to the plugging of wells and that e	ach and	all of th	e stateme	ents in	this I	Pluggir	ng Red	cord and	i attach	ments
are true to the best of my knowledge and belief.										

Jack Atkins	07/28/2021
Signature of Well Driller	Date

Version: September 8, 2009

Page 2 of 2

DSF DIT BING 2 2021 PM7.49

2021-07-28_C-4548_POD1_OSE_Well Record and Log_mesa2-forsign

Final Audit Report 2021-07-29

Created: 2021-07-29

By: Lucas Middleton (lucas@atkinseng.com)

Status: Signed

Transaction ID: CBJCHBCAABAAemiJJm6dcVKiYQ9i0g-pp8LWJNXDnRqz

"2021-07-28_C-4548_POD1_OSE_Well Record and Log_mesa2 -forsign" History

- Document created by Lucas Middleton (lucas@atkinseng.com) 2021-07-29 6:34:14 PM GMT- IP address: 69.21.248.123
- Document emailed to Jack Atkins (jack@atkinseng.com) for signature 2021-07-29 6:35:33 PM GMT
- Email viewed by Jack Atkins (jack@atkinseng.com) 2021-07-29 8:10:52 PM GMT- IP address: 64.90.153.232
- Document e-signed by Jack Atkins (jack@atkinseng.com)

 Signature Date: 2021-07-29 8:12:07 PM GMT Time Source: server- IP address: 64.90.153.232
- Agreement completed. 2021-07-29 - 8:12:07 PM GMT



PAGE 1 OF 2

WELL TAG ID NO.

OSE DIT AUG 2 2021 PM2:49



	OSE POD NO		.)		WELL TAG ID NO) .		OSE FILE NO	(S).				
Ö	POD1 (M	W-1)			n/a			C-4548					
AT	WELL OWN							PHONE (OPTI	ONAL)				
9	BTA Oil P	roducers											
Ξ	WELL OWNE		ADDRESS					CITY		STATE	=0=04	ZIP	
WE	104 S. Pece	os St.						Midland	_	TX	79701		
2	WELL		DE	GREES	MINUTES	SECO	NDS						
ΥŢ	LOCATIO	N LAT	TITUDE	32	3	49.	57 N	* ACCURACY	REQUIRED: ONE TEN	TH OF A SECO	OND		
ERA	(FROM GP	s) LON	NGITUDE	103	39	9.0	58 W	* DATUM RE	QUIRED: WGS 84				
GENERAL AND WELL LOCATION	DESCRIPTION		G WELL LOCATION TO	STREET ADDE	RESS AND COMMO	N LANDM	ARKS - PLS	S (SECTION, TO	WNSHJIP, RANGE) WH	ERE AVAILAI	BLE		
1.0			T26S R32E					,					
	LICENSE NO		NAME OF LICENSED	DRILLER					NAME OF WELL DR	ILLING COMP	ANY		
	124				Jackie D. Atkin	s				ineering Ass		ıc.	
	DRILLING ST		DRILLING ENDED		MPLETED WELL (I	•		LE DEPTH (FT)	DEPTH WATER FIRE		Comment of the state of		
	07/13/	2021	07/13/2021	tempor	rary well materi	ial		110		unknown			
z	COMPLETE	WELL IS:	ARTESIAN	DRY HOL	E 7 SHALL	OW (UNC	STATIC WATER LEVEL IN COMPLETED WELL (FT) SONFINED) 81.4						
TIO	DRILLING FLUID:												
DRMA	DRILLING M	ETHOD:	ROTARY	Наммен	CABLE	TOOL	✓ OTHE	R – SPECIFY:	Hollo	w Stem Au	ıger		
2. DRILLING & CASING INFORMATION	DEPTH	(feet bgl)	BORE HOLE	CASING	MATERIAL AN	D/OR	CA	ASING	CASING	CASING	WALL	SLOT	
NG	FROM TO DIAM			(include	GRADE each casing string	, and		NECTION	INSIDE DIAM.	THICK		SIZE	
ASI			(inches)	note				YPE ling diameter)	(inches)	(inch	es)	(inches)	
8	0	110	±8.5		Boring- HSA								
ING													
ILL						W.							
DR.													
7								_					
	-						ÿ————						
				-									
	DEPTH	(feet bgl)	BORE HOLE	LI	ST ANNULAR S	SEAL MA	TERIAL A	AND	AMOUNT		METHO	O OF	
W.	FROM	то	DIAM. (inches)	GRA	VEL PACK SIZI	E-RANG	E BY INTE	RVAL	(cubic feet)		PLACEM		
ERI													
MAT													
AR.													
ANNULAR MATERIAL													
ANN													
3.7													
FOR	OSE INTER	NAL USE							0 WELL RECORD	& LOG (Ver	sion 06/30	/17)	
DIT D					POD N	_		TPN	10				

LOCATION

OSE DIT AUG 2 2021 PM2:50

	DEPTH (f	eet bgl)		COLOR ANI		WA	TER	ESTIMATED YIELD FOR			
			THICKNESS (feet)		R-BEARING CAVITIES OF				BEAR	ING?	WATER-
	FROM	TO	(leet)	(attach sup	plemental sheets to fully de	scribe a	ll units)		(YES	/NO)	BEARING ZONES (gpm)
	0	19	19	Sand, Medium grai	ned, poorly graded, increasi	ng clay,	Grayish Brown		Y	√N	
	19	24	5	Sand, Medium grained	l, poorly graded, with Grave	l and cla	ay, Grayish Bro	wn	Y	√ N	
	24	39	15	Sand, Medium	-Fine grained, poorly graded	l, Yellov	vish Brown		Y	√ N	
	39	44	5	Sand, Medius	m -Fine grained, poorly grad	ed, Redi	sh Brown		Y	√N	
	44	59	15	Sand, Medium -Fine gr	ained, poorly graded, increas	ing clay	, Redish Brown,	dan	Y	√ N	
ᇦ	59	79		Y	√ N						
WEI	79	97	ist	√ Y	N						
4. HYDROGEOLOGIC LOG OF WELL	97	110	13	Clay, med Plasticity, st	icky, with fine-grained sand,	Dark R	edish Brown, m	oist	✓ Y	N	
00									Y	N	
121									Y	N	
07									Y	N	
GEO									Y	N	
S									Y	N	
									Y	N	
4									Y	N	
									Y	N	
									Y	N	
									Y	N	
									Y	N	
									Y	N	
									Y	N	
	METHOD U	SED TO ES	TIMATE YIELD	OF WATER-BEARING	STRATA:		- 1		L ESTIN		
	PUM	A A	R LIFT	BAILER OT	HER - SPECIFY:			WELI	L YIELD	(gpm):	0.00
		mogra	DEPOTE THE APPE	A GUIL A GORV OF DAT	A COLLECTED DURING	3727 1 7	PETNIC INCL	LIDIN	IC DISC	UADCE N	(ETUOD
Z	WELL TES				OWING DISCHARGE AN						
VISION	MISCELLA	NEOUS INF	ORMATION: _	44						1 . 1	d 11 1. 1
	.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		ce	emporary well material ment slurry of <6.0 ga	ls removed and the soil ballons of water per 94 lbs	oring p sack of	lugged using t Portland TYP	remie E I/II	pipe to Neat C	totai dep ement. Se	th and landed
SUF				ugging Record.	•						
TEST; RIG SUPER											
ST;	DDDDDDAA	E(C) OF D	NI I DIG OFFICE	NATIONAL PROPERTY AND CO	TINED ONGUE CHIEBVII	TON O	E WELL CONG	TDIIC	TION	דטונס דט	AN LICENSEE.
5. TH		` '		• •	VIDED ONSITE SUPERVIS	SION O	WELL CONS	IKUC	TION O	INEK IN	AN LICENSEE.
	Shane Eldri	ige, Camer	on Pruitt, Carm	elo Trevino							
	THE UNDE	RSIGNED H	EREBY CERTI	FIES THAT, TO THE B	EST OF HIS OR HER KNO	WLED	GE AND BELIE	EF, TH	E FORE	GOING I	S A TRUE AND
J. P. R. E.					D THAT HE OR SHE WILI PLETION OF WELL DRILI		THIS WELL RE	ECOR	D WITH	THE STA	ATE ENGINEER
 AT											
SIGNATURE	Jack Ati	eins		Jac	kie D. Atkins				07/29	9/2021	
9.		SIGNAT	URE OF DRILLE	ER / PRINT SIGNEE I	NAME		:			DATE	
		22011111									
	OSE INTER	NAL USE						L REC	ORD &	LOG (Ver	sion 06/30/2017)
	E NO.				POD NO.		TRN NO.				DACE 1 OF 1
LOC	CATION					WELL	TAG ID NO.				PAGE 2 OF 2



2904 W 2nd St. Roswell, NM 88201 voice: 575.624.2420 fax: 575.624.2421 www.atkinseng.com

07/29/2021

DII-NMOSE 1900 W 2nd Street Roswell, NM 88201

DSE DTT AUG 2 2021 PM2:50

Hand Delivered to the DII Office of the State Engineer

Re: Well Record C-4549 Pod1

To whom it may concern:

Attached please find a well record and a plugging record, in duplicate, for a one (1) soil borings, C-4549 Pod1. On a BTA Oil Producers well location in Lea County, NM

If you have any questions, please contact me at 575.499.9244 or lucas@atkinseng.com.

Sincerely,

Lucas Middleton

Enclosures: as noted above

Gran Middler



PLUGGING RECORD



NOTE: A Well Plugging Plan of Operations shall be approved by the State Engineer prior to plugging - 19.27.4 NMAC

State	Engineer Well Number: C-45	549-POD1					
Well	owner: BTA Oil Producers			_ Phone	No.: 432.3	12.2203	
Maili	ing address: 104 S. Pecos St.						
City:	Midland		State:	Texas		Zip code:	79701
<u>п. у</u>	VELL PLUGGING INFORM	MATION:					
1)	Name of well drilling com	pany that plugged w	ell: Jackie D.	Atkins (Atkins E	ngineering As	sociates Ir	nc.)
2)	New Mexico Well Driller						
3)	Well plugging activities w Shane Eldridge, Cameron	rere supervised by the Pruitt, Carmelo Trev	e following we	ll driller(s)/rig su	pervisor(s):		
4)	Date well plugging began	07/19/2021	Date	well plugging co	oncluded: 07	7/19/2021	
5)	GPS Well Location:	Latitude: 32 Longitude: 10	deg, 3deg,	4 min, min,	40.92 s	sec sec, WGS 8	34
6)	Depth of well confirmed a by the following manner:		ng as:103	ft below grou	and level (bg	1),	
7)	Static water level measure	d at initiation of plug	gging:n/a	ft bgl			
8)	Date well plugging plan o	f operations was app	roved by the S	tate Engineer: _	6/24/2021		
9)	Were all plugging activition differences between the approximation of the second secon	es consistent with an oproved plugging pla	approved plug n and the well	ging plan? as it was plugged	Yes I (attach addi	If not, pi	lease describe es as needed):

Version: September 8, 2009

Page 1 of 2

OSE DIT AUG 2 2021 PM2:50

Log of Plugging Activities - Label vertical scale with depths, and indicate separate plugging intervals with 10) horizontal lines as necessary to illustrate material or methodology changes. Attach additional pages if necessary.

For each interval plugged, describe within the following columns:

Depth (ft bgl)	Plugging <u>Material Used</u> (include any additives used)	Volume of Material Placed (gallons)	Theoretical Volume of Borehole/ Casing (gallons)	Placement Method (tremie pipe, other)	Comments ("casing perforated first", "open annular space also plugged", etc.)
,- - :-	0-10' Hydrated Bentonite	Approx. 15.6 gallons	15 gallons	Augers	
-	10'-103' Drill Cuttings	Approx. 148 gallons	148 gallons	Boring	
-					
8 -					
* -				ı	
				į.	
		MULTIPLY E cubic feet x 7.4 cubic yards x 201.5	BY AND OBTAIN 1805 = gallons 07 = gallons		

III. SIGNATURE:

I, Jackie D. Atkins , say that I am familiar with the rules of the Engineer pertaining to the plugging of wells and that each and all of the statements in this Plugging Reare true to the best of my knowledge and belief.	
Jack Atkins	07/28/2021

Signature of Well Driller

Version: September 8, 2009 Page 2 of 2

Date

2021-07-28C-4549-POD1_Plugging Record-forsign

Final Audit Report 2021-07-29

Created: 2021-07-29

By: Lucas Middleton (lucas@atkinseng.com)

Status: Signed

Transaction ID: CBJCHBCAABAAiFUITUMQvUeHWAgcMsacioucKnSt5mzA

"2021-07-28C-4549-POD1_Plugging Record-forsign" History

- Document created by Lucas Middleton (lucas@atkinseng.com) 2021-07-29 8:42:26 PM GMT- IP address: 69.21.248.123
- Document emailed to Jack Atkins (jack@atkinseng.com) for signature 2021-07-29 8:42:53 PM GMT
- Email viewed by Jack Atkins (jack@atkinseng.com) 2021-07-29 8:44:10 PM GMT- IP address: 64.90.153.232
- Document e-signed by Jack Atkins (jack@atkinseng.com)

 Signature Date: 2021-07-29 8:44:29 PM GMT Time Source: server- IP address: 64.90.153.232
- Agreement completed. 2021-07-29 - 8:44:29 PM GMT



WELL RECORD & LOG OFFICE OF THE STATE ENGINEER www.ose.state.nm.us

OSE DIT AUG 2 2021 PM2:50

Ϊ	OSE POD NO).)		WELL TAG ID NO		OSE FILE NO(S).				
<u>S</u>	PODI (M				n/a			C-4549				
CAT	WELL OWN)					PHONE (OPTI	ONAL)			
Ž	BTA Oil P											
Ţ	WELL OWN		G ADDRESS					CITY Midland		STATE TX	79701	ZIP
GENERAL AND WELL LOCATION	104 5. 160	08 51.						Midiand		1A	79701	
2	WELL		DI	GREES	MINUTES	SECO						
Ę.	LOCATIO	N LA	TTTUDE	32	4	40.	92 N		REQUIRED: ONE TEN	TH OF A S	ECOND	
ER.	(FROM GI	PS) LO	NGITUDE	103	37	53.	68 W	* DATUM REG	QUIRED: WGS 84			
	DESCRIPTION	ON RELATI	NG WELL LOCATION TO	STREET ADDI	RESS AND COMMO	N LANDM	ARKS – PLS	S (SECTION, TO	WNSHJIP, RANGE) WH	ERE AVA	ILABLE	
-	NW NW N	W Sec. 1	1 T26S R32E									
			·									
	LICENSE NO		NAME OF LICENSED		Jackie D. Atkins				NAME OF WELL DRI Atkins Eng			nc.
	DRILLING S	-					2022	Atkins Engineering Associated Hole Depth (FT) Depth Water First encounter				
	07/14/		DRILLING ENDED 07/14/2021		MPLETED WELL (F rary well materi			LE DEPTH (FT) 103	DEPTH WATER FIRE	n/a	INTERED (FT)	
									STATIC WATER LEV	EL IN CO.	MBI ETER WE	I I (1277)
_	COMPLETE	D WELL IS:	ARTESIAN	DRY HO	LE SHALLO	OW (UNCO	NFINED)		STATIC WAILKEL	n/a	WILLELED WE	LLL (F1)
CASING INFORMATION	DRILLING F	Z LUID:	✓ AIR	MUD	ZIFY:							
MAT.								a apparent	TTalla	w Stem	A	
2	DRILLING M	IETHOD:	ROTARY	HAMME	R CABLE	rool	14 OTHE	R – SPECIFY:	Нопо	w Stem	Auger	
Į.	DEPTH	(feet bgl)	BORE HOLE	CASING	MATERIAL AND	D/OR	CASING		CASING	CASII	NG WALL	SLOT
NG	FROM	то	DIAM	(include	each casing string	. and		ECTION YPE	INSIDE DIAM.	THICKNESS		SIZE
SY:			(inches)	note	sections of screen			ing diameter)	(inches)	(n	nches)	(inches)
	0	103	±8.5	Boring- HSA							-	-
NG												
II												
2. DRILLING &												
7			_	7								
				-						-		
			-									
	DEPTH	(feet bgl)	1	 	Am 130			\	44-0			
4			BORE HOLE DIAM. (inches)	1	ST ANNULAR S VEL PACK SIZE				AMOUNT (cubic feet)		METHO: PLACEM	
REA	FROM	то							(02010100)	-		
ATE										-		
× W			-							_		
[V]			-112									
ANNULAR MATERIAL												
3. Al												
FOR	OSE INTER	NALUSE		7.				WR-20	WELL RECORD &	2 L OG (1	Version 06/30	0/17)

POD NO.

TRN NO.

WELL TAG ID NO.

PAGE 1 OF 2

FILE NO.

LOCATION

PAGE 2 OF 2

WELL TAG ID NO.

OSE DIT ALIG 2 2021 PM2:50 **ESTIMATED** DEPTH (feet bgl) COLOR AND TYPE OF MATERIAL ENCOUNTERED -WATER YIELD FOR THICKNESS INCLUDE WATER-BEARING CAVITIES OR FRACTURE ZONES BEARING? WATER-FROM TO (feet) BEARING (YES/NO) (attach supplemental sheets to fully describe all units) ZONES (gpm) 0 4 4 Caliche, Consolidated, White Y ✓ N Y / N 4 9 5 Caliche, Consolidated, with fine-grained, Tan 9 5 Caliche, Consolidated, White Y √ N 14 √ N Y 14 19 5 Caliche, Consolidated, with fine-grained, Tan Y √ N 19 69 50 Sand, Fine-grained poorly graded, with caliche, Tanish Brown Y √ N 69 79 103 Clay, Stiff, High Plasticity, Dark Brown, HYDROGEOLOGIC LOG OF WELI Y N Y N Y N Y N Y N Y N Y N Y N Y N Y N Y N Y N Y N Y N TOTAL ESTIMATED METHOD USED TO ESTIMATE YIELD OF WATER-BEARING STRATA: WELL YIELD (gpm): 0.00 PUMP AIR LIFT BAILER OTHER - SPECIFY: TEST RESULTS - ATTACH A COPY OF DATA COLLECTED DURING WELL TESTING, INCLUDING DISCHARGE METHOD, WELL TEST START TIME, END TIME, AND A TABLE SHOWING DISCHARGE AND DRAWDOWN OVER THE TESTING PERIOD. TEST; RIG SUPERVISION MISCELLANEOUS INFORMATION: Temporary well materials removed and the soil boring backfilled using drill cuttings from total depth to ten feet below ground surface, then hydrated bentonite chips from ten feet below ground surface to surface. PRINT NAME(S) OF DRILL RIG SUPERVISOR(S) THAT PROVIDED ONSITE SUPERVISION OF WELL CONSTRUCTION OTHER THAN LICENSEE: Shane Eldridge, Cameron Pruitt, Carmelo Trevino THE UNDERSIGNED HEREBY CERTIFIES THAT, TO THE BEST OF HIS OR HER KNOWLEDGE AND BELIEF, THE FOREGOING IS A TRUE AND CORRECT RECORD OF THE ABOVE DESCRIBED HOLE AND THAT HE OR SHE WILL FILE THIS WELL RECORD WITH THE STATE ENGINEER 6. SIGNATURE AND THE PERMIT HOLDER WITHIN 30 DAYS AFTER COMPLETION OF WELL DRILLING: ack Atkins 07/29/2021 Jackie D. Atkins SIGNATURE OF DRILLER / PRINT SIGNEE NAME DATE WR-20 WELL RECORD & LOG (Version 06/30/2017) FOR OSE INTERNAL USE POD NO. TRN NO. FILE NO.

LOCATION

END OF REPORT

Appendix IV- Site Photos

Photo Page



Excavation started on location



Excavation in progress on location



Photo of the washed out road due to Heavy rain



Continuing excavation on location



Flooded excavation due to heavy rain



20 ML liner installed in excavation



Seating liner in excavation area



Sewing liner together in excavation



Backfilling excavation after liner installation



Liner properly seated in excavation

Appendix V- Approvals Via Email



Katherine Beldon katherine@alvesoilfieldsolutions.org

NRM 2015756964

5 messages

MICHAEL ALVES <michaelalves@alvesoilfieldsolutions.org>

Wed, Apr 14, 2021 at 10:20 AM

<katherine@alvesoilfieldsolutions.org>, Haylee Alves <haylee@alvesoilfieldsolutions.org>

Mr. Amos

In the above incident I need some guidance, there have been 2 different spills related to this line and only 1 c-141 was filled due to the confusion that the same line had two different spills, but to complicate things more, another company had a release right on top of the original spill all 3 were major releases. I've been tasked to remediate all 3 spills. That's the simple part but how would you like to separate the two for BTA? Since there were 2 spills i would like to do the following to simplify the report and paperwork and make it easy to understand for all parties.

Since there was not a c141 filled for the 2nd spill can we update the existing c-141 submit two maps but have the sample points in consecutive order. Spill 1 and spill 2 included and then submit 1 report in the end for BTA. on the 3rd spill for OWL since it runs directly on top of the 2nd bta spill and the 1st bta spill i will remediate the same way but just submit a second report with most of the same information just labeled as OWL not BTA?

I've included all 3 maps for your convenience and the c-141 from BTA 1st spill.



Michael Alves Alves Oilfield Solutions 575-631-4310



I'm a movement by myself but I'm a force when we work together



MICHAEL ALVES <michaelalves@alvesoilfieldsolutions.org>

Thu, Apr 15, 2021 at 10:51 AM

To: Mario Exact Flo <stucker@blm.gov>, Katherine Beldon <katherine@alvesoilfieldsolutions.org>, Haylee Alves <haylee@alvesoilfieldsolutions.org>

[Quoted text hidden]



Tucker, Shelly J <stucker@blm.gov>

Thu, Apr 15, 2021 at 1:36 PM

To: MICHAEL ALVES <michaelalves@alvesoilfieldsolutions.org>, Katherine Beldon <katherine@alvesoilfieldsolutions.org>, Haylee Alves <haylee@alvesoilfieldsolutions.org>

BLM hereby authorizes you to combine the two BTA releases, since they overlap each other, into one remedial action. When the remediation action has completed, submit a single report for the BTA releases and a single report for the OWL portion of the remediation. A separate C-141 for the 2nd BTA release will not be required. Please ensure that volumes and other pertinent information is recorded separately for each release within the combined report.

If you have any questions or concerns, please do not hesitate to contact me.

Sincerely,

Shelly J Tucker

Environmental Protection Specialist Realty

Bureau of Land Management 620 E. Greene St Carlsbad, NM 88220

575.234.5706 - Direct

575.200.0614

stucker@blm.gov

From: MICHAEL ALVES <michaelalves@alvesoilfieldsolutions.org>

Sent: Thursday, April 15, 2021 10:51 AM

To: Tucker, Shelly J <stucker@blm.gov>; Katherine Beldon <katherine@alvesoilfieldsolutions.org>; Haylee Alves

<haylee@alvesoilfieldsolutions.org> Subject: [EXTERNAL] Fwd: NRM 2015756964

This email has been received from outside of DOI - Use caution before clicking on links, opening attachments. or responding.

[Quoted text hidden]

MICHAEL ALVES <michaelalves@alvesoilfieldsolutions.org>

Wed, Apr 28, 2021 at 9:07 PM

To: Katherine Beldon <katherine@alvesoilfieldsolutions.org>, Haylee Alves <haylee@alvesoilfieldsolutions.org>, Candi Alves <candialveshkia@gmail.com>

----- Forwarded message ------

From: Tucker, Shelly J <stucker@blm.gov>

Date: Wed, Apr 28, 2021, 3:20 PM

Subject: Re: FW: [EXTERNAL] Fwd: NRM 2015756964

To: MICHAEL ALVES <michaelalves@alvesoilfieldsolutions.org>, Bob Hall <BHall@btaoil.com>

Cc: Gomez, Robert <rgomez@blm.gov>

BLM hereby requests the following:

- 1. Bore hole samples to be collected every 20' (linear) to determine depth of contamination.
- 2. A single bore hole sample 20' from the end of each "runner" within the drainage.
- 3. Contact the BLM with sample results. Based on the sample concentration/depths will determine whether a liner will be installed at 4' or if additional excavation will be required.
- 4. Within the watershed area, extra backfill will be required due settling and loss from water flow. Backfill will need to be of like soil for the depths of the excavation.
- 5. River rocks can be placed within the drainage area to slow the flow of water. Stagger the rock placement.
- 6. Do not cut additional water diversions.
- 7. Delineation will need to be horizontally and vertically.

Please be aware of the following items prior to any excavation activities.

- 1. The release point did not impact any known archaeological area.
- 2. The point of release occurred on and off of ROW but is **covered under a previous survey**, no additional surveys will be required.
- 3. This area is located within a **High cave/karst zone**.
- 4. This site is located within an active watershed.
- 5. Area is noted to be within **0-3% slope**.
- 6. Soils are within the Largo-Pajarito complex
- 7. BLM Seed Mix #1&2 Mixed (Loam and Sand mix) will be required.

- 8. The site is **NOT** located in DSL habitat or LPC habitat. No other T&E species noted (animal or vegetative) within this area.
- 9. Site is **not** located within Potash
- 10. Site is **not** located within a Special Area of concern.
- 11. Site is **not** located within a RMP ACEC.
- 12. Site is **not** located within Special Status Plant Species area.

From: MICHAEL ALVES <michaelalves@alvesoilfieldsolutions.org>

Sent: Thursday, April 15, 2021 2:57 PM To: Bob Hall <BHall@btaoil.com> Cc: Tucker, Shelly J <stucker@blm.gov>

Subject: Re: FW: [EXTERNAL] Fwd: NRM 2015756964

To recap our remediation plan the entire release area will be excavated to 4' bgs. This is 2' from OWL, 2' from BTA. Remaining sampleing will be conducted at time of excavation due to equipment on site and pipelines in area. A 20 ml liner will be installed where needed and sidewalls will be taken at that time to ensure vertical and horizontal is fully delineated. Clean imported soil will be used for backfill and then the area will be reseed with an approved blm mix for this area, free of noxious weeds. Then 2 reports one for each company will be submitted documenting field activities.

If your ok with this and have any COA to add please let me know and can you send a email confirming your ok with this plan?

On Thu, Apr 15, 2021, 2:45 PM Bob Hall <BHall@btaoil.com> wrote:

It looks like this is approval to combine the spills, but it doesn't speak at all toward approval of the remediation plan. I think you discussed it Shelly.

Could you make a reply to her that acknowledges receipt and recaps the major points of the scope of work?

From: MICHAEL ALVES <michaelalves@alvesoilfieldsolutions.org>

Sent: Thursday, April 15, 2021 3:25 PM

To: Bob Hall <BHall@btaoil.com>; Ben Grimes <BGrimes@btaoil.com>

Subject: Fwd: [EXTERNAL] Fwd: NRM 2015756964

***** EXTERNAL EMAIL - Please use caution and **DO NOT** open attachments or click links from unknown or unexpected emails. *****

Here you go.

[Quoted text hidden]

Reseived, 48:23CAD: 9/23/2021 12:46:15 PM	Alves Oilfield Solutions LLC. Mail - NRM 2015756964	Page 57 of 204
R https://neij.google:nogn/neijly/92ijz-p-2d70905ep\$wjew=pt&se	earch=all&permthid=thread-f%3A1697033458464443776∼	npl=msg-f%3A16970334584 6/7

[Quoted text hidden]

MICHAEL ALVES <michaelalves@alvesoilfieldsolutions.org> To: Katherine Beldon <katherine@alvesoilfieldsolutions.org>

Thu, Jun 10, 2021 at 6:48 AM

[Quoted text hidden]



Katherine Beldon katherine@alvesoilfieldsolutions.org

Mesa B line/ Harrier line

4 messages

MICHAEL ALVES <michaelalves@alvesoilfieldsolutions.org>

Thu, Sep 2, 2021 at 4:26 PM

To: Mario Exact Flo <stucker@blm.gov>, Bob Hall

taoil.com>, "psanders@oilfieldwaterlogistics.com" <psanders@oilfieldwaterlogistics.com>, Katherine Beldon <katherine@alvesoilfieldsolutions.org>

Shelly,

Thank you for the time first off for meeting me today. Per our conversation just to get it in writing, you gave backfill permission with a liner set in the areas referenced in the workplan. Also all the original COA you originally imposed are still going to be done as well with the water breaks and some areas being raised up to prevent erosion, also all african rue will be removed and taken to an approved disposal. at the end of remediation activities a closure report will be submitted documenting all activities and closure

Alves Oilfield Solutions 575-631-4310



I'm a movement by myself but I'm a force when we work together



Sender notified by Mailtrack

Tucker, Shelly J <stucker@blm.gov>

Tue, Sep 7, 2021 at 10:11 AM

To: MICHAEL ALVES <michaelalves@alvesoilfieldsolutions.org>, Bob Hall

Span Bob Hall "psanders@oilfieldwaterlogistics.com" <psanders@oilfieldwaterlogistics.com>, Katherine Beldon <katherine@alvesoilfieldsolutions.org>

BLM hereby gives authorization for backfill and requests all African rue be properly disposed of.

Shelly J Tucker **Environmental Protection Specialist** Realty

stucker@blm.gov

575.234.5706 desk 575.200.0614 mobile

620 E Greene St Carlsbad, NM 88220 From: MICHAEL ALVES <michaelalves@alvesoilfieldsolutions.org>

Sent: Thursday, September 2, 2021 4:26:48 PM

To: Tucker, Shelly J <stucker@blm.gov>; Bob Hall <bhall@btaoil.com>; psanders@oilfieldwaterlogistics.com <psanders@oilfieldwaterlogistics.com>; Katherine Beldon <katherine@alvesoilfieldsolutions.org>

Subject: [EXTERNAL] Mesa B line/ Harrier line

This email has been received from outside of DOI - Use caution before clicking on links, opening attachments, or responding.

[Quoted text hidden]

MICHAEL ALVES <michaelalves@alvesoilfieldsolutions.org>

Tue, Sep 7, 2021 at 10:12 AM

To: "Tucker, Shelly J" <stucker@blm.gov>

Cc: Bob Hall bhall@btaoil.com, "psanders@oilfieldwaterlogistics.com" <psanders@oilfieldwaterlogistics.com</p> Beldon <katherine@alvesoilfieldsolutions.org>

Thank you consider it done

Michael Alves [Quoted text hidden]

MICHAEL ALVES <michaelalves@alvesoilfieldsolutions.org>

Tue, Sep 7, 2021 at 10:12 AM

To: Katherine Beldon <katherine@alvesoilfieldsolutions.org>, Kayla Willis Prosise <kayla@alvesoilfieldsolutions.org>

Print this out

Michael Alves [Quoted text hidden]

Appendix VI – Sampling and Lab Data

			Comple	Field So	creening	· ·										
Location	GPS Coordinates	Sample	Sample Depth		Titration			TPH				Ethyl-	Total	TPH	TPH	TPH
Location	GF3 Coordinates	Date	(feet BGS)	PID Result	Result	Chloride	Total TPH	GRO + DRO	BTEX	Benzene	Toluene	benzene	Xylenes	GRO	DRO	Ext DRO
			(reet bd3)	(PPM)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
Wall 1	N,32.05925 W-103.61722	7/12/21			249	32	<10.0	<10.0	<0.300	<0.050	<0.050	<0.050	<0.150	<10.0	<10.0	<10.0
Wall 2	N.32.05918 W103.61725	7/12/21			624	176	<10.0	<10.0	<0.300	<0.050	<0.050	<0.050	<0.150	<10.0	<10.0	<10.0
Wall 3	N,32.05916 W,,-103.61710	7/12/21			249	<16.0	<10.0	<10.0	< 0.300	<0.050	<0.050	<0.050	<0.150	<10.0	<10.0	<10.0
Wall 4	N,32.05916 W,-103.61730	6/1/21			6,248											
Wall 4		6/1/21	2'		5,498											
Wall 4		6/2/21	4'		5,498											
Wall 4		7/12/21	5'		299	32	<10.0	<10.0	<0.300	<0.050	<0.050	<0.050	<0.150	<10.0	<10.0	<10.0
Wall 4		6/2/21	6'		249											
Wall 5	N,32.05901 W,-103.61716	7/12/21			249	32	<10.0	<10.0	<0.300	<0.050	<0.050	<0.050	<0.150	<10.0	<10.0	<10.0
Wall 6	N.32.05888 W103.61729	6/2/21			5,748											
Wall 6		7/12/21	5'		249	<16.0	<10.0	<10.0	< 0.300	<0.050	<0.050	<0.050	<0.150	<10.0	<10.0	<10.0
Wall 7	N,32.05886 W,-103.61721	7/12/21			249	<16.0	<10.0	<10.0	<0.300	<0.050	<0.050	<0.050	<0.150	<10.0	<10.0	<10.0
Wall 8	N32.05874 W,103.61727	6/2/21			2,999											
Wall 8		6/2/21	2'		1,999											
Wall 8		6/2/21	4'		249											
Wall 8		7/12/21	5'		249	32	<10.0	<10.0	<0.300	<0.050	<0.050	<0.050	<0.150	<10.0	<10.0	<10.0
Wall 8		6/2/21	6'		249											
Wall 9	N,32.05874 W,103.61721	7/12/21			249	<16.0	<10.0	<10.0	<0.300	<0.050	<0.050	<0.050	<0.150	<10.0	<10.0	<10.0
Wall 10	N32.05860 W.103.61726	6/7/21			4,248											
Wall 10		7/12/21	3'		249	<16.0	<10.0	<10.0	<0.300	<0.050	<0.050	<0.050	<0.150	<10.0	<10.0	<10.0
Wall 11	N,32.05859 W,103.61720	7/12/21			249	32	<10.0	<10.0	<0.300	<0.050	<0.050	<0.050	<0.150	<10.0	<10.0	<10.0
Wall 12	N.3205849 W,103.61726	7/12/21			249	128	<10.0	<10.0	<0.300	<0.050	<0.050	<0.050	<0.150	<10.0	<10.0	<10.0
Wall 13	N,32.05846 W.103,61718	7/12/21			249	32	<10.0	<10.0	<0.300	<0.050	<0.050	<0.050	<0.150	<10.0	<10.0	<10.0
Wall 14	N,32.05835 W,103.61718	7/12/21			249	<16.0	<10.0	<10.0	<0.300	<0.050	<0.050	<0.050	<0.150	<10.0	<10.0	<10.0
Wall 14		6/18/21	2'		249											
Wall 15	N,32.05837 W,10361718	6/7/21			5,073											
Wall 15		6/16/21	2'		449											
Wall 16	N,32.05825 W103.61722	7/12/21			249	<16.0	<10.0	<10.0	<0.300	<0.050	<0.050	<0.050	<0.150	<10.0	<10.0	<10.0
Wall 16		7/12/21	2'		449	<16.0	<10.0	<10.0	<0.300	<0.050	<0.050	<0.050	<0.150	<10.0	<10.0	<10.0
Wall 15/17	Between 15-17	7/12/21				320	<10.0	<10.0	<0.300	<0.050	<0.050	<0.050	<0.150	<10.0	<10.0	<10.0
Wall 17	N32,05824 W.103.61706	6/7/21			1,324											
Wall 17		6/16/21	2'		449											
Wall 18	N32.05813 W,103.61723	7/12/21			249	<16.0	<10.0	<10.0	<0.300	<0.050	<0.050	<0.050	<0.150	<10.0	<10.0	<10.0
Wall 19	N,32.05813 W,103.61718	7/12/21			249	176	<10.0	<10.0	<0300	<0.050	<0.050	<0.050	<0150	<10.0	<10.0	<10.0
Wall 20	N,32.05799 W,103.6123	6/7/21			549											
Wall 20		7/12/21	2'		249	<16.0	<10.0	<10.0	<0.300	<0.050	<0.050	<0.050	<0.150	<10.0	<10.0	<10.0
Wall 21	N,32.05803 W,103.60716	7/12/21			249	<16.0	<10.0	<10.0	<.300	<0.050	<0.050	<0.050	<0.150	<10.0	<10.0	<10.0
Wall 22	N,32.05791 W,103.61720	7/12/21			249	<16.0	<10.0	<10.0	<0.300	<0.050	<0.050	<0.050	<0.150	<10.0	<10.0	<10.0
Wall 23	N,32.05790 W,103.61716	7/12/21			249	176	<10.0	<10.0	<0.300	<0.050	<0.050	<0.050	<0.150	<10.0	<10.0	<10.0
Wall 24	N,32.05776 W,103.61721	6/7/21			949											
Wall 24		7/12/21	2'		249	<16.0	<10.0	<10.0	<0.300	<0.050	<0.050	<0.050	<0.150	<10.0	<10.0	<10.0
Wall 25	N,3205777 W,-103.61713	6/7/21			1,099											
Wall 25		7/12/21	2'		249	32	<10.0	<10.0	<0.300	<0.050	<0.050	<0.050	<0.150	<10.0	<10.0	<10.0
Wall 26	N,.32.05768 W,103.61719	7/12/21			249	32	<10.0	<10.0	<0.300	<0.050	<0.050	<0.050	<0.150	<10.0	<10.0	<10.0
Wall 27	N,32.05768 W,103.61712	6/7/21			874											
Wall 27		7/12/21	2'		249	32	<10.0	<10.0	<0.300	<0.050	<0.050	<0.050	<0.150	<10.0	<10.0	<10.0
Wall 28	N,32.05758 W,103.61720	7/12/21			249	48	<10.0	<10.0	<0.300	<0.050	<0.050	<0.050	<0.150	<10.0	<10.0	<10.0
Wall 29	N,32.05758 W,103.61712	6/7/21			2,124											
Wall 29		7/12/21	2'		249	<16.0	<10.0	<10.0	<0.300	<0.050	<0.050	<0.050	<0.150	<10.0	<10.0	<10.0
Wall 30	N,32.05748 W,103.61722	7/12/21		j l	249	<16.0	<10.0	<10.0	<0.300	<0.050	<0.050	<0.050	<0.150	<10.0	<10.0	<10.0

		1	Ι	Field S	creening	reening Laboratory Results										
		Sample	Sample		Titration			TPH				Ethyl-	Total	TPH	TPH	TPH
Location	GPS Coordinates	Date	Depth	PID Result	Result	Chloride	Total TPH	GRO + DRO	BTEX	Benzene	Toluene	benzene	Xylenes	GRO	DRO	Ext DRO
			(feet BGS)	(PPM)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
Wall 31	N,32.05747 W.10361713	6/7/21			949											
Wall 31		7/12/21	2'		249	<16.0	<10.0	<10.0	< 0.300	< 0.050	< 0.050	< 0.050	< 0.150	<10.0	<10.0	<10.0
Wall 32	N,32.05734 W,103.61723	7/12/21			249	<16.0	<10.0	<10.0	< 0.300	<0.050	< 0.050	< 0.050	<0.150	<10.0	<10.0	<10.0
Wall 33	N,32.05734 W,103.61713	6/7/21			5,548											
Wall 33		7/12/21	2'		249	<16.0	<10.0	<10.0	<0.300	<0.050	< 0.050	<0.050	<0.150	<10.0	<10.0	<10.0
wall 34	N,32.05722 W,103.61723	7/12/21	2'		249	48	<10.0	<10.0	<0.300	<0.050	<0.050	<0.050	<0.150	<10.0	<10.0	<10.0
Wall 34		6/7/21			4,498											
Wall 35	N,32.05720 W,103.61714	6/7/21			2,949											
Wall 35		7/12/21	2'		249	48	<10.0	<10.0	<0.300	<0.050	<0.050	<0.050	<0.150	<10.0	<10.0	<10.0
Wall 36	N,32.05707 W,103.61723	6/7/21			1,999											
Wall 36		6/16/21	2'		2,049											
Wall 36		7/12/21	5'		249	<16.0	<10.0	<10.0	<0.300	<0.050	<0.050	<0.050	<0.150	<10.0	<10.0	<10.0
Wall 37	N,32.05707 W,103.61712	6/7/21			3,998											
Wall 37		7/12/21	2'		249	32	<10.0	<10.0	<0.300	<0.050	<0.050	<0.050	<0.150	<10.0	<10.0	<10.0
Wall 38	N,32.05696 W,103.61723	6/7/21			4,998											
Wall 38		6/16/21	2'		699	.16.0	.400	400	.0.200	.0.050	.0.050	.0.050	.0.450	.400	.40.0	.400
Wall 38		7/12/21	5'		249	<16.0	<10.0	<10.0	<0.300	<0.050	<0.050	<0.050	<0.150	<10.0	<10.0	<10.0
Wall 39	N,32.05685 W103.61716	7/12/21			249	<16.0	<10.0	<10.0	<0.300	<0.050	<0.050	<0.050	<0.150	<10.0	<10.0	<10.0
Wall 40	N,32.05685 W,103.61723	6/7/21	2'		2,499											
Wall 40 Wall 40		6/16/21 7/12/21	2 2'		374	<16.0	<10.0	<10.0	<0.300	<0.050	<0.050	<0.050	<0.150	<10.0	<10.0	<10.0
Wall 41	N,32.05684 W,103.61727	7/12/21	2		249	48	<10.0	<10.0	<0.300	<0.050	<0.050	<0.050	<0.150	<10.0	<10.0	<10.0
Wall 42	N,32.05672 W,103.61721	6/7/21			2,399	40	10.0	<10.0	₹0.300	₹0.030	₹0.030	₹0.030	\0.130	10.0	10.0	10.0
Wall 42	N,32.03072 W,103.01721	7/12/21	2'		2,399	32	<10.0	<10.0	<0.300	<0.050	<0.050	<0.050	<0.150	<10.0	<10.0	<10.0
Wall 42		6/16/21	2'		243	32	110.0	120.0	10.500	10.030	10.050	10.030	10.130	120.0	120.0	110.0
Wall 43	N,32.05672 W,103.61716	7/12/21	_		249	96	<10.0	<10.0	<0.300	<0.050	<0.050	<0.050	<0.150	<10.0	<10.0	<10.0
Wall 44	N,32.05659 W,103.61723	6/7/21			3,548											
Wall 44		7/12/21	2'		249	<16.0	<10.0	<10.0	< 0.300	<0.050	<0.050	<0.050	<0.150	<10.0	<10.0	<10.0
Wall 44		6/16/21	2'													
Wall 45	N,32.05658 W,103.61716	7/12/21			249	<16.0	<10.0	<10.0	< 0.300	< 0.050	< 0.050	< 0.050	<0.150	<10.0	<10.0	<10.0
Wall 46	N,32.05645 W,103.61721	6/7/21			4,248											
Wall 46		7/12/21	2'		249	128	<10.0	<10.0	< 0.300	<0.050	< 0.050	< 0.050	<0.150	<10.0	<10.0	<10.0
Wall 47	N,32.05645 W,103.61715	6/7/21			4,198											
Wall 47		7/12/21	2'		249	48	<10.0	<10.0	<0.300	<0.050	< 0.050	<0.050	<0.150	<10.0	<10.0	<10.0
Wall 48	N,32.05632 W,103.61720	7/12/21	2'		3,124	80	<10.0	<10.0	<0.300	<0.050	<0.050	<0.050	<0.150	10.0<	10.0<	10.0<
Wall 48		6/17/21	2'		374											
Wall 49	N,32.05632 W,103.61713	6/7/21			999											
Wall 49		7/12/21	2'		249	32	<10.0	<10.0	<0.300	<0.050	<0.050	<0.050	<0.150	<10.0	<10.0	<10.0
Wall 50	N,32.05621 W,103.61720	6/8/21	l		1,124											
Wall 50		7/12/21	2'		449	240	<10.0	<10.0	<0.300	<0.050	<0.050	<0.050	<0.150	<10.0	<10.0	<10.0
Wall 51	N,32.0521 W,103.61715	7/12/21			449	320	<10.0	<10.0	<0.300	<0.050	<0.050	<0.050	<0.150	<10.0	<10.0	<10.
Wall 52	N,32.05610 W,103.61722	6/8/21			949											
Wall 52		6/17/21	2'		3,898											
Wall 52	N 22 05 000 W 402 04745	6/18/21	4'		249											
Wall 53	N,32.05609 W,103.61715	6/8/21			249											
Wall 54 Wall 54	N,32.05596 W,103.61720	6/8/21	2'		6,997 249											
Wall 55		6/18/21 6/8/21			249 249											
Wall 56	N,32.05584 W,103.61720	6/8/21			3,199					-		-				
Wall 56	IN,52.U5584 W,1U5.b1/2U	6/8/21	2'		3,199											
vvali 30	1	0/10/21	I [∠]		324	I				I		I	I			

				Field S	creening					Labor	atory Resul	lts				
		Sample	Sample		Titration			TPH				Ethyl-	Total	TPH	TPH	TPH
Location	GPS Coordinates	Date	Depth	PID Result	Result	Chloride	Total TPH	GRO + DRO	BTEX	Benzene	Toluene	benzene	Xylenes	GRO	DRO	Ext DRO
			(feet BGS)	(PPM)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
Wall 57	N,32.05585 W,103.61713	6/8/21			249											
Wall 58	N,32.05572 W,103.61718	6/8/21			3,998											
Wall 58		6/18/21	2'		249											
Wall 59	N,32.05573 W,103.61711	6/8/21			4,998											
Wall 59		6/21/21	2'		249											
Wall 60		6/8/21			249											
Wall 60	N32.05560 W,103.61720	6/18/21	2'		249											
Wall 61	N,32.05561 W,103.61711	6/8/21			249											
Wall 62	N,32.05547 W,103.61719	6/8/21			1,499											
Wall 62		6/18/21	2'		249											
Wall 63	N,32.05547 W,103.61713	6/8/21			249											
Wall 64	N,32.05534 W,103.61720	6/8/21			3,323											
Wall 64		6/21/21			699											
Wall 64		6/21/21	2'		249											
Wall 65	N,32.05534 W,103.61712	6/8/21			249											
Wall 65		6/21/21			249											
Wall 66	N,32.05521 W,103.61718	6/22/21			249											
Wall 67	N,32.50521 W,103.51713	6/22/21			249											
Wall 68	N,32.05508 W,103.61719	6/22/21			249											
Wall 69	N,32.05508 W,103.61713	6/22/21			249											
Wall 70	N,32.05494 W,103.61718	6/22/21			249											
Wall 71	N,32.05494 W,103.61713	6/22/21			249											
Wall 72	N,32.05480 W,103.61718	6/22/21			249											
Wall 73	N,32.05480 W,103.61711	6/22/21			249											
Wall 74	N,32.05466 W,103.61716	6/22/21			249											
Wall 75	N,32.05466 W,103.61711	6/22/21			249											
Wall 76	N,32.05453 W,103.61718	6/22/21			249											
Wall 77	N,32.05452 W,103.61711	6/22/21			249											
Wall 78	N,32.05440 W,103.61715	6/22/21			249											
Wall 79	N,32.05440 W,103.61710	6/22/21			999											
wall 79		6/24/21			4,623											
Wall 79		6/24/21	5'		2,124											
Wall 79		6/25/21	7'		249											
Wall 80	N,32.05428 W,103.61715	6//22/21			449											
Wall 81	N,32.05427 W,103.61709	6/22/21			3,248											
wall 81		6/24/21			4,748											
Wall 81		6/24/21	5'		3,199											
Wall 81		6/25/21	7'													
Wall 82	N,32.05415 W.103.61705	6/22/21			249											
Wall 83	N.32.05418 W,103.61702	6/22/21			7,247											
wall 83		6/24/21			1,073											
Wall 83		6/25/21	7'		249											
Wall 84	N.3205407 W.103.61698	6/23/21			249											
Wall 85	N,32.05406 W.103.61696	6/23/21			449											
Wall 86	N.32.05393 W.103.61698	6/23/21			249											
Wall 87	N.32.05392 W,103.61695	6/23/19			449											
Wall 88	N.32.05378 W,103.61695	6/23/21			249											
Wall 89	N.32.05378 W,103.61694	6/23/21			249											
Wall 90	N.32.05363 W.103.61695	6/23/19			249											
Wall 91	N.32.05363 W,103.61694	6/23/19			249											

Location GPS Coordinates Sample Date Wall 92 N,32.05350 W.103.61696 6/23/1 Wall 93 N.32.05351 W.103.61694 6/23/1 Wall 94 N,32.05339 W.103.61698 6/23/1 Wall 95 N,32.05339 W.103.61696 6/23/1	(feet BGS)	PID Result (PPM)	Titration Result			TPH			atory Resul	Ethyl-	Total	TPH	TPH	
Wall 92 N,32.05350 W.103.61696 6/23/1 Wall 93 N.32.05351 W.103.61694 6/23/1 Wall 94 N,32.05339 W.103.61698 6/23/1	(feet BGS)		Result							_ cy.			IFN	TPH
Wall 93 N.32.05351 W.103.61694 6/23/1 Wall 94 N,32.05339 W.103.61698 6/23/1)	(PPM)		Chloride	Total TPH	GRO + DRO	BTEX	Benzene	Toluene	benzene	Xylenes	GRO	DRO	Ext DRO
Wall 93 N.32.05351 W.103.61694 6/23/1 Wall 94 N,32.05339 W.103.61698 6/23/1		(,	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
Wall 94 N,32.05339 W.103.61698 6/23/1	`		249											
	'		249											
Wall 05 N 22 05220 W 102 61606 6 /22 /4)		249											
MAGII 23 MY,103.01030 6/23/1)		249											
Wall 96 N,32.05326 W,103.61702 6/23/1)		249											
Wall 97 N,32.05326 W,103.61700 6/23/1)		249											
Wall 98 N,32.05312 W,103.61705 6/23/1)		324											
Wall 99 N,32.05312 W,103.61703 6/23/1			2,499											
Wall 100 N,32.05300 W,103.61707 6/23/1			249											
Wall 101 N,32.05299 W,103.61707 6/23/1			249											
Wall 102 N,32.05288 W,103.61715 6/23/1			1,074											
Wall 103 N,32.05286 W,103.61713 6/23/1			249											
Wall 104 N,32.05274 W,103.61719 6/23/1)		249											
Wall 105 N,32.05274 W,103.61716 6/23/1			249											
Wall 106 N,32.05260 W,103.61723 6/23/1			249											
Wall 107 N,32.05259 W,103.61724 6/23/1			249											
Wall 108 N,32.05247 W,103.61726 6/23/1			249											
Wall 109 N,32.05247 W,103.61724 6/23/1			249											
Wall 110 N,32.05225 W,103.61726 6/24/2			249											
Wall 111 N,32.05229 W,103.61728 6/24/2			249											
Wall 112 N,32.05218 W,103.61733 6/24/2			249											
Wall 113 N,32.05218 W,103.61731 6/24/2			249											
Wall 114 N,32.05205 W,103.61733 6/24/2	-		249											
Wall 115 N,32.05204 W,103.61733 6/24/2			249											
Wall 116 N,32.05191 W,103.61732 6/24/2			1,324											
Wall 117 N,32.05191 W,103.61730 6/24/2			2,074											
Wall 118 N,32.05178 W,103.61732 6/24/2			999											
Wall 119 N,32.05178 W,103.61730 6/24/2			449											
wall 120 N,32.05164 W,103.61735 6/24/2			2,999											
Wall 120 7/16/2			249											
Wall 121 N,32.05165 W,103.61732 6/24/2			449											
Wall 122 N,32.05151 W,103.61733 7/16/2			249											
wall 122 6/24/2			3,124											
wall 123 N,32.05153 w,103.61729 6/24/2			249											
wall 124 N,32.05139 W,103.61734 6/24/2 Wall 125 N,32.05139 W,103.61730 6/24/2			249 999											
			249											
Wall 126 N,32.05126 W,103.61734 6/24/2 Wall 127 N,32.05125 W,103.61732 6/24/2			1,249											
wall 128 N,32.05125 W,103.61732 0/24/2 wall 128 N,32.05112 W,103.61734 7/19/2			2,249	48	<10.0	<10.0	<0.300	<0.050	<0.050	<0.050	<0.150	<10.0	<10.0	<10.0
wall 129 N,32.05113 W,103.61731 7/19/2			3,748	32	<10.0	<10.0	<0.300	<0.050	<0.050	<0.050	<0.150	<10.0	<10.0	<10.0
wall 130 N,32.05038 W,103.61731 7/19/2			3,748 1,249	32 112	<10.0	<10.0	<0.300	<0.050	<0.050	<0.050	<0.150	<10.0	<10.0	<10.0
Wall 131 N,32.05099 W,103.61729 7/19/2			3,199	32	<10.0	<10.0	<0.300	<0.050	<0.050	<0.050	<0.150	<10.0	<10.0	<10.0
Wall 132 N,32.05067 W,103.61702 7/19/2			3,133	32	<10.0	<10.0	<0.300	<0.050	<0.050	<0.050	<0.150	<10.0	<10.0	<10.0
wall 133 N,32.05067 W,103.61702 7/19/2				288	<10.0	<10.0	<0.300	<0.050	<0.050	<0.050	<0.150	<10.0	<10.0	<10.0
Wall 134 (7/19/2				32	<10.0	<10.0	<0.300	<0.050	<0.050	<0.050	<0.150	<10.0	<10.0	<10.0
Wall 135 7/19/2				112	<10.0	<10.0	<0.300	<0.050	<0.050	<0.050	<0.150	<10.0	<10.0	<10.0
Wall 136 N,32.05038 W,103.61699				112	120.0	-10.0	10.300	10.030	10.030	10.000	10.130	10.0	10.0	10.0
Wall 137 N,32.05039 W,103.61694	ĺ													
Wall 138 N,32.05026 W,103.61694	ĺ													
Wall 139 N,32.05025 W,103.61689	1													

Location CPS Coordinates Sample Date Date Depth De		<10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0
Location GPS Coordinates Date Depth (feet BGS) PID Result (PPM) Confude (mg/kg) Chloride (mg/k	C10.0	<10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0
Company Comp	<10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0	<10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0
Wall 140	<10.0 <10.0 <10.0 <10.0 <10.0 <10.0	<10.0 <10.0 <10.0 <10.0 <10.0
Wall 141 N,32.05013 W,103.61889 6/25/21 499 740 740	<10.0 <10.0 <10.0 <10.0 <10.0 <10.0	<10.0 <10.0 <10.0 <10.0 <10.0
Wall 142 N,32.05002 W,103.61687 6/25/21 749 249	<10.0 <10.0 <10.0 <10.0 <10.0 <10.0	<10.0 <10.0 <10.0 <10.0 <10.0
Wall 143 N,32.05002 W,103.61684 6/25/21 249 32 32 32 32 32 32 32 3	<10.0 <10.0 <10.0 <10.0 <10.0 <10.0	<10.0 <10.0 <10.0 <10.0 <10.0
BS1 N,32.05898 W103.61727 7/13/21 249 <16.0 <10.0 <10.0 <0.300 <0.050 <0.050 <0.050 <0.050 <10.0 <10.0 BS2 N,32.05882 W.103.61726 6/2/21 6/15/21 1,124 BS3 N,32.05862 W.103.61725 6/2/21 1,074 BS3 N,32.05862 W.103.61725 6/2/21 1,074 BS4 N,32.05836 W.103.61725 7/13/21 4' 624 528 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10	<10.0 <10.0 <10.0 <10.0 <10.0 <10.0	<10.0 <10.0 <10.0 <10.0 <10.0
B52 N.32.05882 W.103.61726 6/2/21 249 1,124 1,074 853 N.32.05862 W.103.61725 6/2/21 4/9 499 224 <10.0 <10.0 <10.0 <0.300 <0.050 <0.050 <0.050 <0.050 <0.150 <10.0 <10.0 <10.0 <10.0 <0.300 <0.050 <0.050 <0.050 <0.050 <0.150 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0	<10.0 <10.0 <10.0 <10.0 <10.0 <10.0	<10.0 <10.0 <10.0 <10.0 <10.0
B52 N.32.05882 W.103.61726 6/2/21 249 1,124 1,074 853 N.32.05862 W.103.61725 6/2/21 4/9 499 224 <10.0 <10.0 <10.0 <0.300 <0.050 <0.050 <0.050 <0.050 <0.150 <10.0 <10.0 <10.0 <10.0 <0.300 <0.050 <0.050 <0.050 <0.050 <0.150 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0	<10.0 <10.0 <10.0 <10.0 <10.0 <10.0	<10.0 <10.0 <10.0 <10.0 <10.0
B52	<10.0 <10.0 <10.0 <10.0	<10.0 <10.0 <10.0 <10.0
BS3 N.32.05862 W.103.61725 6/2/21 1,074 499 224 <10.0 <10.0 <0.300 <0.050 <0.050 <0.050 <0.050 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10	<10.0 <10.0 <10.0 <10.0	<10.0 <10.0 <10.0 <10.0
BS3	<10.0 <10.0 <10.0 <10.0	<10.0 <10.0 <10.0 <10.0
B54 N.32.05836 W.103.61725 7/13/21 4' 624 528 <10.0 <10.0 <10.0 <0.300 <0.050 <0.050 <0.050 <0.050 <0.050 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <1	<10.0 <10.0 <10.0 <10.0	<10.0 <10.0 <10.0 <10.0
BS5 N.32.05799 W.103.61723 7/13/21 249 32 <10.0 <10.0 <0.300 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.0	<10.0 <10.0 <10.0	<10.0 <10.0 <10.0
BS6 N.3205777 W.103.61720 7/13/21 249 32 <10.0 <10.0 <0.300 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.05	<10.0 <10.0	<10.0 <10.0
BS7 N.32.05778 W.103.61713 7/13/21 249 32 <10.0 <10.0 <10.0 <0.300 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.	<10.0	<10.0
BS8 7/13/21 499 288 <10.0 <10.0 <0.300 <0.050 <0.050 <0.050 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0		
BS9 N,32.05707 W,103.61723 6/16/21 2,849 BS9 6/17/21 3' 4,048 BS9 6/17/21 4' 4,598 BS10 N,32.05696 W,103.61723 6/16/21 4,123	<10.0	<10.0
BS9 6/17/21 3' 4,048 BS9 6/17/21 4' 4,598 BS10 N,32.05696 W,103.61723 6/16/21 4,123		
BS9 6/17/21 4' 4,598 8510 N,32.05696 W,103.61723 6/16/21 4,123 4,123		
BS10 N,32.05696 W,103.61723 6/16/21 4,123	1	
0/17/21 4 1 1,133	i l	
BS11 N,32.05685 W,103.61721 6/17/21 1,999	i l	
BS12 N,32.05673 W,103.61722 6/17/21 3,623	i l	
BS13 N,32.05659 W,103.61721 6/17/21 2,499	i l	
BS14 N,32.05645 W,103.61720 6/17/21 5,498	i l	
BS15 N,32.05632 W,103.61719 7/13/21 749 656 <10.0 <10.0 <0.300 <0.050 <0.050 <0.050 <0.150 <10.0	<10.0	<10.0
BS15 6/16/21 4' 3,498		
BS16 N,32.05621 W,103.61718 6/17/21 1,249	i l	
BS16 6/16/21 4' 3,498	i	
BS17 N,32.05610 W,103.61720 6/17/21 6,547	i l	
BS17 6/18/21 3' 2,624	i l	
BS17 6/16/21 4' 3,498	i l	
BS18 7/13/21 249 <16.0 <10.0 <10.0 <0.300 <0.050 <0.050 <0.050 <1.00 <10.0	<10.0	<10.0
BS19 N.3205767 W.103.61713 7/13/21 249 <16.0 <10.0 <10.0 <0.300 <0.050 <0.050 <0.050 <0.050 <1.00 <10.0	<10.0	<10.0
BS20 N.32.05759 W.103.61713 7/13/21 249 <16.0 <10.0 <10.0 <0.300 <0.050 <0.050 <0.050 <0.050 <1.00 <10.0	<10.0	<10.0
BS21 N.32.05747 W,103.61714 7/13/21 249 48 <10.0 <10.0 <0.300 <0.050 <0.050 <0.050 <0.050 <0.150 <10.0	<10.0	<10.0
BS22 N,32.05734 W,,103.61713 6/18/21 3,249	i	
BS22 6/21/21 4' 2,499	i I	
BS23 N,32.05720 W,103.61716 6/18/21 1,499	i	
BS23 6/21/21 4' 2,499	i I	
BS24 N,32.05707 W,103.61713 6/18/21 1,999	i	
BS24 6/21/21 4' 3,748 0.000 0.00	40.0	
BS25 N,32.05645 W,103.61716 7/13/21 249 48 <10.0 <10.0 <0.300 <0.050 <0.050 <0.050 <0.050 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0	<10.0	<10.0
BS26 N,32.05632 W,103.61714 7/13/21 249 <16.0 <10.0 <10.0 <0.300 <0.050 <0.050 <0.050 <0.150 <10.0	<10.0	<10.0
BS27 N,32.05596 W,103.61719 6/18/21 5,998 5,248 5,248	i I	
BS28 N,32.05584 W,103.61719 6/18/21 5,248 BS29 N,32.05572 W,103.61717 6/18/21 249	i I	
BS30 N,32.05560 W,103.61718 6/18/21 249	i	
BS31 N,32.05547 W,103.61718 6/18/21 2,899	i	
BS32 N,.3205573 W,103.61713 6/21/21 249	i I	

			Committee	Field S	creening					Labor	atory Resul	ts				
1-0.55	CDC Contract	Sample	Sample		Titration			TPH				Ethyl-	Total	TPH	TPH	TPH
Location	GPS Coordinates	Date	Depth (for DOS)	PID Result	Result	Chloride	Total TPH	GRO + DRO	BTEX	Benzene	Toluene	benzene	Xylenes	GRO	DRO	Ext DRO
			(feet BGS)	(PPM)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
BS33	N,32.05534 W,103.61716	6/21/21			5,373											
BS34	N,32.05521 W,103.61716	6/22/21			2,499											
BS35	N,32.05508 W,103.61716	6/22/21			3,373											1
BS36	N,32.05494 W,103.61715	6/22/21			249											
BS37	N,32.05480 W,103.61714	6/22/21			749											
BS38	N,32.05466 W,103.61413	6/22/21			1,249											
BS39	N,32.05453 W,103.61714	6/22/21			5,998											i
BS40	N,32.05440 W,103.61712	6/22/21			5,498											
BS41	N,32.05428 W,103.61712	6/22/21			374											
BS42	N,32.05416 W,103.61703	6/22/21			299											
BS43	N,32.05406 W,103.61697	6/23/21			249											
BS44	N,32.05392 W,103.61697	6/23/21			249											
BS45	N,32.05378 W,103.61695	6/23/21			249											İ
BS46	N,32.05364 W,103.61695	6/23/21			249											
BS47	N,32.05339 W,103.61695	6/23/21			1,374											
BS48	N,32.05338 W,103.61698	6/23/21			2,949											
BS49	N,32.05326 W,103.61700	6/23/21			1,249											
BS50	N,32.05312 W,103.61705	6/23/19			324											
BS51	N,32.05300 W,103.61708	6/23/19			249											
BS52	N,32.05287 W,103.61714	6/23/19			249											
BS53	N,32.05274 W,103.61718	6/23/19			374											
BS56		6/24/21			249											
BS57		6/24/21			249											
BS58		6/24/21			374											İ
BS59		6/24/21			249											
BS60		6/24/21			249											
BS61		6/24/21			449											
BS62		6/24/21			4,373											
BS63		6/24/21			249											
BS64		6/24/21			249											
BS65		6/24/21			4,448											
BS66		7/19/21			549	336	<10.0	<10.0	<0.300	<0.050	<0.050	<0.050	<0.150	<10.0	<10.0	<10.0
BS67		7/19/21			3,199	288	<10.0	<10.0	<0.300	<0.050	<0.050	<0.050	<0.150	<10.0	<10.0	<10.0
BS68		7/19/21				352	<10.0	<10.0	<0.300	<0.050	<0.050	<0.050	<0.150	<10.0	<10.0	<10.0
BS69	N,32.05038 W,103.61697															
BS70	N,32.05026 W,103.61692	6 /25 /24			6.072											
BS71	N,32.05014 W,103.61691	6/25/21			6,872											ĺ
BS72	N,32.05002 W,103.61685	6/25/21			2,249											
BS73	N,32.05915 W,103.61723	6/25/21			1,149	252	<10.0	<10.0	<0.300	<0.050	<0.050	<0.050	<0.1F0	<10.0	<10.0	<10.0
BS74 BS75	N,32.05898 W,103.61723	7/13/21			549 249	352 <16.0	<10.0 <10.0	<10.0 <10.0		<0.050 <0.050	<0.050		<0.150	<10.0 <10.0	<10.0 <10.0	
BS76	N,32.05883 W,103.61726	7/13/21			249 249	<16.0 48	<10.0 <10.0	<10.0 <10.0	<0.300 <0.300	<0.050	<0.050	<0.050 <0.050	<0.150 <0.150	<10.0 <10.0	<10.0 <10.0	<10.0 <10.0
BS76 BS77	N,32.05867 W,103.61724	7/13/21 7/13/21			249 374	48 288	<10.0 <10.0	<10.0 <10.0	<0.300	<0.050 <0.050	<0.050	<0.050	<0.150 <0.150	<10.0 <10.0	<10.0 <10.0	<10.0 <10.0
BS78	N,32.05853 W,103.61724 N,32.05842 W,103.61726	6/25/21			5,373	200	\1U.U	\10.0	\0.300	\U.U3U	\U.U3U	\U.U3U	\U.15U	\10.U	\10.0	\1U.U
BS78 BS79					5,373 1,949											1
BS80	N,32.05832 W,103.61724 N,32.05819 W,103.61724	6/25/21 7/13/21			1,949 449	128	<10.0	<10.0	<0.300	<0.050	<0.050	<0.050	<0.150	<10.0	<10.0	<10.0
BS81	N,32.05819 W,103.61724 N,32.05808 W,103.61723	7/13/21 7/13/21			249 249	<16.0	<10.0 <10.0	<10.0 <10.0	<0.300	<0.050	<0.050	<0.050	<0.150	<10.0 <10.0	<10.0 <10.0	<10.0 <10.0
BS81 BS82					7,997	<10.0	<10.0	<10.0	<0.500	<0.050	<0.050	<u.u5u< td=""><td><0.150</td><td><10.0</td><td><10.0</td><td><10.0</td></u.u5u<>	<0.150	<10.0	<10.0	<10.0
BS82 BS83	N,32.05798 W,103.61723	6/25/21 6/25/21			7,997 2,799											1
	N,32.05788 W,103.61720															1
BS84	N,32.05772 W,103.61720	6/25/21		1	6,497	I	I		I	I	I			I	J	1

				Field S	creening					Labor	atory Resul	ts				
Location	GPS Coordinates	Sample	Sample		Titration			TPH				Ethyl-	Total	TPH	TPH	TPH
Location	GPS Coordinates	Date	Depth (feet BGS)	PID Result	Result	Chloride	Total TPH	GRO + DRO	BTEX	Benzene	Toluene	benzene	Xylenes	GRO	DRO	Ext DRO
			(leet bd3)	(PPM)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
BS85	N,32.05762 W,103.61720	6/25/21			8,047											
BS86	N,32.05753 W,103.61720	6/25/21			5,948											i
BS87	N,32.05742 W,103.61720	6/25/21			6,023											i
BS88	N,32.05729 W,103.61720	6/25/21			9,322											1
BS89	N,32.05716 W,103.61720	7/13/21			374	208	<10.0	<10.0	<0.300	< 0.050	<0.050	< 0.050	<0.150	<10.0	<10.0	<10.0
BS90	N,32.05709 W,103.61720	7/13/21			449	240	<10.0	<10.0	<0.300	<0.050	<0.050	<0.050	<0.150	<10.0	<10.0	<10.0
BS91	N,32.05691 W,103.61721	6/25/21			3,423											i
BS92	N,32.05679 W,103.61720	6/25/21			3,423											i
BS93	N,32.05667 W,103.61720	6/25/21			4,098											i
BS94	N,32.05653 W,103.61719	6/25/21			2,624											1
BS95	N,32.05641 W,103.61718	6/25/21			5,623											i
BS96 BS97	N,32.05627 W,103.61716	6/25/21			4,373											i
BS98	N,32.05617 W,103.61716 N,32.05606 W,103.61716	6/25/21 6/25/21			6,248 7,497											
BS99	N,32.05591 W,103.61716	6/25/21			7,497 7,497											
BS100	N,32.03331 W,103.01710	6/25/21			6,375											i
BS100		6/25/21			249											i
BS102		6/25/21			4,373											i
BS103		6/25/21			249											i
55105		0/25/22			2.3											i
																i
SP36NW		6/9/21			249											i
SP36SW		6/9/21			1,699											
SP36EW		6/9/21			249											
SP36WW		6/9/21			249											
SP36SW		6/9/21	5'		2,874											i
SP36SW		6/10/21	20'													
SP40NW		6/10/21	5'													
SP40NW		6/9/21			2,149											
SP40SW		6/9/21			249											
SP40EW		6/9/21			374											i
SP40WW		6/9/21			249											i
SP43SW		6/9/21	5'		624											i
SP43SW		6/21/21	10'		3,923											1
SP43SW		6/21/21	15' 25'		4,573											1
SP43SW SP43NW		6/21/21 6/9/21	25		374											1
SP43NW SP43SW		6/9/21			3/4 3,174											1
SP43EW		6/9/21			249											1
SP43WW		6/9/21			249											i
SP45NW	<u> </u>	6/9/21			499											
SP45SW		6/9/21			249											l
SP45EW		6/9/21			2,749											l
SP45EW		6/9/21	5'		249											l
SP45WW		6/9/21			374											1
SP47NW		6/9/21			249											1
SP47SW		6/9/21			374											1
SP47EW		9/9/21			249											l
SP47WW		9/9/21			249											1
SP49NW		6/10/21			249											1

			Commis	Field S	creening					Labor	atory Resul	ts				
1	CDC Co andinates	Sample	Sample		Titration			TPH				Ethyl-	Total	TPH	TPH	TPH
Location	GPS Coordinates	Date	Depth	PID Result	Result	Chloride	Total TPH	GRO + DRO	BTEX	Benzene	Toluene	benzene	Xylenes	GRO	DRO	Ext DRO
			(feet BGS)	(PPM)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
SP49SW		6/10/21			624											
SP49SW		6/21/21	5'		749											
SP49SW		6/21/21	10'		249											
SP49EW		6/10/21			374											
SP49WW		6/10/21			249											
SP51NW		6/10/21			2,999											
SP51NW		6/10/21			4,998											
SP51NM		6/10/21	15'		249											
SP51SW		6/10/21			999											
SP51EW		6/10/21			249											
SP51WW		6/10/21			4,323											
SP51WW		6/10/21	2'		1,149											
SP51WW		6/10/21	8'		374											
SP51Botto		6/10/21			874											
CD4	N 22 050 A W 402 C474 C	E /4.4 /2.4			22.267											
SB1	N.32.0594 W103.61716	5/11/21	surf		23,367											
SB1 SB1		5/11/21 5/11/21	1' 2'		474 224											
SB1			3'													
		5/11/21	3 4'		224	22	-100	1100	10 200	40.050	40.050	40.050	40.150	-10.0	-10.0	410.0
SB1		5/11/21			224	32	<10.0	<10.0	<0.300	<0.050	<0.050	<0.050	<0.150	<10.0	<10.0	<10.0
SB2	N.32.05876 W103.61827	5/11/21	surf		799											
SB2		5/11/21	1'		3,823											
SB2		5/11/21	2'		3,998											
SB2		5/11/21	3'		1,074		400	40.0						40.0		
SB2		5/11/21	4'		374	176	<10.0	<10.0	<0.300	<0.050	<0.050	<0.050	<0.150	<10.0	<10.0	<10.0
SB3	N.3205865 W103.61827	5/11/21	surf		2,249											
SB3		5/11/21	1'		3,498											
SB3		5/11/21	2'		5,748											
SB3		5/11/21	3'		449		400	40.0						40.0		
SB3		5/11/21	4'		449	208	<10.0	<10.0	<0.300	<0.050	<0.050	<0.050	<0.150	<10.0	<10.0	<10.0
SB4 SB4	N.32.05872 W-103.61787	5/11/21 5/11/2021	surf 1'		374 374											
SB4			2'													
		5/11/2021			374 299											
SB4		5/11/21 5/11/21	3' 4'			176	<10.0	<10.0	<0.300	<0.050	<0.050	<0.050	<0.150	<10.0	<10.0	<10.0
SB4					299	176	<10.0	<10.0	₹0.300	<0.050	<0.050	₹0.050	₹0.150	₹10.0	<10.0	₹10.0
SB5	N.32.05849 W-103.61786	5/11/21	surf		249											
SB5		5/11/21	1'		249											
SB5		5/11/21	2'		374											
SB5		5/11/21	3'		374	400	.400	400	.0.200	.0.050	.0.050	.0.050	.0.450	.10.0	.10.0	.400
SB5		5/11/21	4'		374	192	<10.0	<10.0	<0.300	<0.050	<0.050	<0.050	<0.150	<10.0	<10.0	<10.0
SB6	N.32,05948 W103.61665	5/11/21	surf		249											
SB6		5/11/21	1'		249											
SB6		5/11/21	2'		249											
SB6		5/11/21	3'		249	40	.400	400	.0.200	.0.050	.0.050	.0.050	.0.456	.10.0	.100	.40.6
SB6		5/11/21	4'		249	48	<10.0	<10.0	<0.300	<0.050	<0.050	<0.050	<0.150	<10.0	<10.0	<10.0
SB7	N.32,05928 W,-103.61652	5/11/21	surf		249											
SB7		5/11/21	1'		249											
SB7		5/11/21	2'		249	.4.5.5	.400	.400	.0.000	.0.0=0	.0.0=0	.0.0=0	.0.1=0	.400	.400	.400
SB7	1	5/11/21	3'	i l	249	<16.0	<10.0	<10.0	<0.300	<0.050	<0.050	<0.050	<0.150	<10.0	<10.0	<10.0

				Field S	creening					Labor	atory Resul	ts				
		Sample	Sample		Titration			TPH				Ethyl-	Total	TPH	TPH	TPH
Location	GPS Coordinates	Date	Depth	PID Result	Result	Chloride	Total TPH	GRO + DRO	BTEX	Benzene	Toluene	benzene	Xylenes	GRO	DRO	Ext DRO
			(feet BGS)	(PPM)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
SB8	N.32.05920 W,-103.61720	5/11/21	surf		3,948											
SB8		5/11/21	1'		4,173											
SB8		5/11/21	2'		1,249											
SB8		5/11/21	3'		549											
SB8		5/11/21	4'		1,424	1,150	<10.0	<10.0	<0.300	<0.050	< 0.050	<0.050	<0.150	<10.0	<10.0	<10.0
SB8		5/12/21	5'		1,574											
SB8		5/12/21	6'		1,674											
SB8		5/12/21	7'		3,548											
SB8		5/12/21	8'		3,548											
SB8		5/12/21	9'		2,249											
SB8		5/12/21	10'		1,249											
SB8		5/12/21	11'		1,124											
SB8		5/12/21	12'		699											
SB8		5/12/21	13'		574											
SB8		5/12/21	14'		449											
SB8		5/12/21	15'		374	208	<10.0	<10.0	< 0.300	< 0.050	< 0.050	< 0.050	<0.150	<10.0	<10.0	<10.0
SB9	N.32.05783	5/11/21	surf		12,871											
SB9		5/11/21	1'		5,748											
SB9		5/11/21	2'		2,874											
SB9		5/11/21	3'		2,749											
SB9		5/11/21	4'		3,199	4,480	<10.0	<10.0	< 0.300	< 0.050	< 0.050	<0.050	<0.150	<10.0	<10.0	<10.0
SB9		5/12/21	5'		3,873											
SB9		5/12/21	6'		4,997											
SB9		5/12/21	7'		2,499											
SB9		5/12/21	8'		1,574											
SB9		5/12/21	9'		1,224											
SB9		5/12/21	10'		949											
SB9		5/12/21	11'		699											
SB9		5/12/21	12'		549											
SB9		5/12/21	13'		1,049											
SB9		5/12/21	14'		749											
SB9		5/12/21	15'		449											
SB9		5/12/21	16'		374	224	<10.0	<10.0	<0.300	<0.050	<0.050	<0.050	<0.150	<10.0	<10.0	<10.0
SB10	N.32.05602 W.103.61717	5/11/21	surf		19,418				Ì							
SB10		5/11/21	1'		4,573											
SB10		5/11/21	2'		2,824											
SB10		5/11/21	3'		2,749											
SB10		5/11/21	4'		1,624	1,310	<10.0	<10.0	< 0.300	<0.050	< 0.050	< 0.050	<0.150	<10.0	<10.0	<10.0
SB10		5/12/21	5'		999	,										
SB10		5/12/21	6'		1,974											
SB10		5/12/21	7'		499											
SB10		5/12/21	8'		499											
SB10		5/12/21	9'		249	64	<10.0	<10.0	<0.300	<0.050	< 0.050	< 0.050	<0.150	<10.0	<10.0	<10.0
SB11	N.3205426 W.103.61711	5/11/21	surf		16,569											
SB11		5/11/21	1'		4,748											
SB11		5/11/21	2'		3,074											
SB11		5/11/21	3'		949											
SB11		5/11/21	4'		499	208	<10.0	<10.0	<0.300	<0.050	<0.050	<0.050	<0.150	<10.0	<10.0	<10.0
SB11		5/12/21	5'		1,799	_555	-20.0	-20.0	10.500	.5.550	.0.000	.0.000	.5.150	120.0	0.0	-20.0
SB11		5/12/21	6'		874											

			Camaria	Field S	creening					Labor	atory Resul	lts				
Location	GPS Coordinates	Sample	Sample Depth		Titration			TPH				Ethyl-	Total	TPH	TPH	TPH
Location	dr3 coordinates	Date	(feet BGS)	PID Result		Chloride	Total TPH	GRO + DRO	BTEX	Benzene	Toluene	benzene	Xylenes	GRO	DRO	Ext DRO
				(PPM)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
SB11		5/12/21	7'		499											
SB11		5/12/21	8'		449	256	<10.0	<10.0	<0.300	<0.050	<0.050	<0.050	<0.150	<10.0	<10.0	<10.0
SB12	N.32.05311 W.103.61706	5/12/21	surf		7,872											
SB12		5/12/21	1'		8,697											
SB12		5/12/21	2'		1,349											
SB12		5/12/21	3'		449											
SB12		5/12/21	4'		374	96	<10.0	<10.0	<0.300	<0.050	<0.050	<0.050	<0.150	<10.0	<10.0	<10.0
SB12		5/12/21	5'		374											
SB12		5/12/21	6'		374											
SB13	N.3205238 W.103.61633	5/12/21	surf		15,945											
SB13		5/12/21	1'		4,748											
SB13		5/12/21	2'		4,998											
SB13		5/12/21	3'		4,998											
SB13		5/12/21	4'		5,748	5,200	<10.0	<10.0	< 0.300	< 0.050	<0.050	<0.050	<0.150	<10.0	<10.0	<10.0
SB13		5/12/21	5'		4,748											
SB13		5/12/21	6'		2,249											
SB13		5/12/21	7'		999											
SB13		5/12/21	8'		2,249											
SB13		5/12/21	9'		749											
SB13		5/12/21	10'		624											
SB13		5/12/21	11'		499											
SB13		5/12/21	12'		449											
SB13		5/12/21	13'		324	272	<10.0	<10.0	<0.300	<0.050	<0.050	<0.050	<0.150	<10.0	<10.0	<10.0
SB14	N.32.05271 W.103.61667	5/12/21	surf		249											
SB14		5/12/21	1'		249											
SB14		5/12/21	2'		249											
SB14		5/12/21	3'		249											
SB14		5/12/21	4'		249	32	<10.0	<10.0	<0.300	<0.050	<0.050	<0.050	<0.150	<10.0	<10.0	<10.0
SB15	N.32.05228 W.103.61731	5/13/21	surf		1,374											
SB15		5/13/21	1'		449											
SB15		5/13/21	2'		249											
SB15		5/13/21	3'		249	32	<10.0	<10.0	<0.300	< 0.050	<0.050	<0.050	<0.150	<10.0	<10.0	<10.0
SB16	N.32.05100 W.103.61720	5/13/21	surf		13,995											
SB16		5/13/21	1'		4,498											
SB16		5/13/21	2'		2,874											
SB16		5/13/21	3'		949											
SB16		5/13/21	4'		949	816	<10.0	<10.0	< 0.300	< 0.050	< 0.050	< 0.050	<0.150	<10.0	<10.0	<10.0
SB16		5/13/21	5'		624											
SB16		5/13/21	6'		1,124											
SB16		5/13/21	7'		1,374											
SB16		5/13/21	8'		2,124											
SB16		5/13/21	9'		2,249											
SB16		5/13/21	10'		1,874											
SB16		5/13/21	11'		1,499											
SB16		5/13/21	12'		1,499											
SB16		5/13/21	13'		1,499											
SB16		5/13/21	14'		1,499											
SB16		5/13/21	15'		999											
SB16		5/13/21	16'		749	720	<10.0	<10.0	< 0.300	< 0.050	<0.050	<0.050	<0.150	<10.0	<10.0	<10.0
SB17	N.3205050	5/13/21	surf		7,497											

Mesa B05

			Camarala	Field S	creening					Labor	atory Resul	lts				
	one en altrata	Sample	Sample		Titration			TPH				Ethyl-	Total	TPH	TPH	TPH
Location	GPS Coordinates	Date	Depth (fort BCC)	PID Result	Result	Chloride	Total TPH	GRO + DRO	BTEX	Benzene	Toluene	benzene	Xylenes	GRO	DRO	Ext DRO
			(feet BGS)	(PPM)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
SB17		5/13/21	1'		5,948											
SB17	Ĭ	5/13/21	2'		8,897											
SB17		5/13/21	3'		2,624											
SB17		5/13/21	4'		1,749	1,520	<10.0	<10.0	< 0.300	< 0.050	< 0.050	< 0.050	<0.150	<10.0	<10.0	<10.0
SB17		5/13/21	5'		2,499											
SB18	N,32.05011 W.103.61691	5/13/21	surf		41,986											
SB18		5/13/21	1'		8,372											
SB18		5/13/21	2'		10,496											
SB18		5/13/2021	3'		7,622											
SB18		5/13/2021	4'		1,499	1,380	<10.0	<10.0	< 0.300	< 0.050	< 0.050	< 0.050	<0.150	<10.0	<10.0	<10.0
SB18		5/13/2021	5'		799											
SB19	N.32.04985 W.103,61696	5/13/2021	1'		199	48	<10.0	<10.0	<0.300	<0.050	<0.050	<0.050	<0.150	<10.0	<10.0	<10.0
SB20			1,		249	64	<10.0	<10.0	<0.300	<0.050	<0.050	<0.050	<0.150	<10.0	<10.0	<10.0
SS3Botto		6/16/2021			249											
SS3NW		6/16/2021			249											
SS3SW		6/16/2021			249											
SS3WW		6/16/2021			249											
SS3EW		6/16/2021			4,498											
SS3EW		6/16/2021	5'		249											
SS16EW		6/15/2021			699											
SS16EW		6/15/2021	2'		246											
SS16WW		6/15/2021	2'		249											
SS18EW		6/15/2021			4,748											
SS18EW		6/15/2021	2'		4,123											
SS18EW		6/15/2021	5'		699											
SS18WW		6/15/2021			249											
SS28EW		6/15/2021			249											
SS28WW		6/15/2021	2'		2,699											
SS28WW		6/15/2021	2'		3,948											
SS28SW		6/15/2021			2,499											
SS28SW		6/15/2021	20'		3,498											
SS35		7/16/2021	4'		6,547											
SS36SW		6/22/2021	4'		3,248											
SS36WE		6/22/2021	100'		749											
SS40NW		6/22/2021	10'		1,499											
SS40NW		6/22/2021	20'		4,223											
•	-	-	-	-	-	-	•	•	-	-	-	-	-	-	-	-

NMOCD Table 1 - Closure Criteria for Soils Impacted by a Release (19.15.29.12) Minimum Depth to GW less than 10,000 mg/l TDS

, ,,					
<= 50'	600	100	-	50	10
51' - 100'	10,000	2,500	1,000	50	10
>100'	20,000	2,500	1,000	50	10

Reporting Limits:

Chloride: 16.0 mg/kg

Benzene, Toluene, Ethylbenzene: 0.050 mg/kg for each analyte

Total Xylenes: 0.150 mg/kg Total BTEX: 0.300 mg/kg NAME OF Location & Release date OCD TRACKING #

Mesa B05

			Cample	Field S	creening					Labor	atory Resul	ts				
Location	GPS Coordinates	Sample	Sample Depth		Titration			TPH				Ethyl-	Total	TPH	TPH	TPH
Location	GF3 Coordinates	Date	(feet BGS)	PID Result	Result	Chloride	Total TPH	GRO + DRO	BTEX	Benzene	Toluene	benzene	Xylenes	GRO	DRO	Ext DRO
			(leet bd3)	(PPM)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)

GRO (C6 - C10), DRO (>C10 - C28), Ext DRO (>C28 - C36): 10.0 mg/kg for each analyte

NAME OF Location & Release date OCD TRACKING #

Mesa B05

			Cample	Field So	creening					Labor	atory Resul	ts				
Location	CDS Coordinates	Sample	Sample		Titration			TPH				Ethyl-	Total	TPH	TPH	TPH
Location GPS Coordinates	GPS Coordinates	Date	Depth (feet BGS)	PID Result	Result	Chloride	Total TPH	GRO + DRO	BTEX	Benzene	Toluene	benzene	Xylenes	GRO	DRO	Ext DRO
			(leet bGS)	(PPM)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)

NAME OF Location & Release date OCD TRACKING #

Mesa B05

			Commis	Field So	creening					Labor	atory Resul	ts				
Lacation	GPS Coordinates	Sample	Sample		Titration			TPH				Ethyl-	Total	TPH	TPH	TPH
Location	Grs Coordinates	Date	Depth	PID Result	Result	Chloride	Total TPH	GRO + DRO	BTEX	Benzene	Toluene	benzene	Xylenes	GRO	DRO	Ext DRO
			(feet BGS)	(PPM)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)



May 29, 2020

BOB HALL

BTA Oil Producers

103 South Pecos

Midland, TX 79701

RE: MESA B 05

Enclosed are the results of analyses for samples received by the laboratory on 05/27/20 14:20.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-20-13. 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.

Celey D. Keine

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. Keene

Lab Director/Quality Manager



Analytical Results For:

BTA Oil Producers BOB HALL 103 South Pecos Midland TX, 79701

Fax To: (432) 683-0312

Received: 05/27/2020 Sampling Date: 05/26/2020

Reported: 05/29/2020 Sampling Type: Soil

Project Name: MESA B 05 Sampling Condition: Cool & Intact
Project Number: 1 SAMPLES AND 1.5 SAMPLES Sample Received By: Tamara Oldaker

Project Location: LEA CO

Sample ID: SP 1 @ 1' (H001440-01)

Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	46000	16.0	05/28/2020	ND	384	96.0	400	4.08	

Sample ID: SP 1 @ 1.5' (H001440-02)

Chloride, SM4500Cl-B mg/kg			Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16800	16.0	05/28/2020	ND	384	96.0	400	4.08	

Sample ID: SP 2 @ 1' (H001440-03)

Chloride, SM4500Cl-B mg/kg			Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	46400	16.0	05/28/2020	ND	384	96.0	400	4.08	

Sample ID: SP 2 @ 1.5' (H001440-04)

Chloride, SM4500Cl-B mg/kg			Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	12400	16.0	05/28/2020	ND	384	96.0	400	4.08	

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celeg D. Freene



Analytical Results For:

BTA Oil Producers BOB HALL 103 South Pecos Midland TX, 79701

Fax To: (432) 683-0312

Received: 05/27/2020 Sampling Date: 05/26/2020

Reported: 05/29/2020 Sampling Type: Soil

Project Name: MESA B 05 Sampling Condition: Cool & Intact
Project Number: 1 SAMPLES AND 1.5 SAMPLES Sample Received By: Tamara Oldaker

Project Location: LEA CO

Sample ID: SP 3 @ 1' (H001440-05)

Chloride, SM4500CI-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	20000	16.0	05/28/2020	ND	384	96.0	400	4.08	
Sample ID: SP 3 @ 1.5	5' (H001440-06))							
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	37600	16.0	05/28/2020	ND	384	96.0	400	4.08	
Sample ID: SP 4 @ 1' ((H001440-07)								
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	42400	16.0	05/28/2020	ND	384	96.0	400	4.08	
Sample ID: SP 4 @ 1.5	5' (H001440-08))							
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	36800	16.0	05/28/2020	ND	384	96.0	400	4.08	
Sample ID: SP 5 @ 1' ((H001440-09)								
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	72800	16.0	05/28/2020	ND	384	96.0	400	4.08	

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene



Analytical Results For:

BTA Oil Producers BOB HALL 103 South Pecos Midland TX, 79701

Fax To: (432) 683-0312

Received: 05/27/2020 Sampling Date: 05/26/2020

Reported: 05/29/2020 Sampling Type: Soil

Project Name: MESA B 05 Sampling Condition: Cool & Intact Project Number: 1 SAMPLES AND 1.5 SAMPLES Sample Received By: Tamara Oldaker

Project Location: LEA CO

Sample ID: SP 5 @ 1.5' (H001440-10)

Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	5360	16.0	05/28/2020	ND	384	96.0	400	0.00	QM-07

Sample ID: SP 6 @ 1' (H001440-11)

Chloride, SM4500Cl-B mg/kg			Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	36000	16.0	05/28/2020	ND	384	96.0	400	0.00	

Sample ID: SP 6 @ 1.5' (H001440-12)

Chloride, SM4500CI-B	Chloride, SM4500Cl-B mg/kg			d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	14000	16.0	05/28/2020	ND	384	96.0	400	0.00	

Sample ID: SP 7 @ 1' (H001440-13)

Chloride, SM4500Cl-B mg/kg			Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	24000	16.0	05/28/2020	ND	384	96.0	400	0.00	

Sample ID: SP 7 @ 1.5' (H001440-14)

Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	106000	16.0	05/28/2020	ND	384	96.0	400	0.00	

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keine



Analytical Results For:

BTA Oil Producers
BOB HALL
103 South Pecos
Midland TX, 79701
Fax To: (432) 683-

Fax To: (432) 683-0312

Received: 05/27/2020 Sampling Date: 05/26/2020

Reported: 05/29/2020 Sampling Type: Soil

Project Name: MESA B 05 Sampling Condition: Cool & Intact
Project Number: 1 SAMPLES AND 1.5 SAMPLES Sample Received By: Tamara Oldaker

Project Location: LEA CO

Sample ID: SP 8 @ 1' (H Chloride, SM4500Cl-B	001440-15) mg/	/ka	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	42000	16.0	05/28/2020	ND	384	96.0	400	0.00	
Sample ID: SP 8 @ 1.5' ((H001440-16))							
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	24000	16.0	05/28/2020	ND	384	96.0	400	0.00	
Sample ID: SP 9 @ 1' (H Chloride, SM4500CI-B	001440-17) mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	14000	16.0	05/28/2020	ND	384	96.0	400	0.00	
Sample ID: SP 9 @ 1.5' ((H001440-18))							
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	19600	16.0	05/28/2020	ND	384	96.0	400	0.00	

Sample ID: SP 10 @ 1' (H001440-19)

Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	27200	16.0	05/28/2020	ND	384	96.0	400	0.00	

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keine



05/26/2020

Analytical Results For:

BTA Oil Producers BOB HALL 103 South Pecos Midland TX, 79701 Fax To: (432) 683-0312

Received: 05/27/2020 Sampling Date:

Reported: Sampling Type: Soil 05/29/2020

Project Name: MESA B 05 Sampling Condition: Cool & Intact Project Number: 1 SAMPLES AND 1.5 SAMPLES Sample Received By: Tamara Oldaker

Project Location: LEA CO

Sample ID: SP 10 @ 1.5' (H001440-20)

Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	20800	16.0	05/28/2020	ND	384	96.0	400	0.00	

Sample ID: SP 11 @ 1' (H001440-21)

Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	60800	16.0	05/28/2020	ND	384	96.0	400	0.00	

Sample ID: SP 11 @ 1.5' (H001440-22)

Chloride, SM4500CI-B	mg,	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	62400	16.0	05/28/2020	ND	384	96.0	400	0.00	

Sample ID: SP 12 @ 1' (H001440-23)

Chloride, SM4500CI-B	mg,	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	41200	16.0	05/28/2020	ND	384	96.0	400	0.00	

Sample ID: SP 12 @ 1.5' (H001440-24)

Chloride, SM4500CI-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	42400	16.0	05/28/2020	ND	384	96.0	400	0.00	

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celecy D. Keene



Analytical Results For:

BTA Oil Producers BOB HALL 103 South Pecos Midland TX, 79701

Fax To: (432) 683-0312

Received: 05/27/2020 Sampling Date: 05/26/2020

Reported: 05/29/2020 Sampling Type: Soil

Project Name: MESA B 05 Sampling Condition: Cool & Intact
Project Number: 1 SAMPLES AND 1.5 SAMPLES Sample Received By: Tamara Oldaker

Project Location: LEA CO

Sample ID: SP 13 @ 1' (H001440-25)

Chloride, SM4500Cl-B		mg	/kg	Analyze	d By: AC					
Analyte		Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride		43600	16.0	05/28/2020	ND	384	96.0	400	0.00	
Sample ID: SP 13	@	1.5' (H001440-2	6)							
Chloride, SM4500Cl-B		mg,	/kg	Analyze	d By: AC					
Analyte		Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride		50400	16.0	05/28/2020	ND	384	96.0	400	0.00	
Sample ID: SP 14	@	1' (H001440-27))							
Chloride, SM4500Cl-B		mg,	/kg	Analyze	d By: AC					
Analyte		Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride		42400	16.0	05/28/2020	ND	384	96.0	400	0.00	
Sample ID: SP 14	@	1.5' (H001440-2	8)							
Chloride, SM4500Cl-B		mg,	/kg	Analyze	d By: AC					
Analyte		Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride		48800	16.0	05/28/2020	ND	384	96.0	400	0.00	
Sample ID: SP 15	@	1' (H001440-29))							
Chloride, SM4500Cl-B		mg,		Analyze	d By: AC					
Analyte		Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride		48000	16.0	05/28/2020	ND	384	96.0	400	0.00	

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene



Analytical Results For:

BTA Oil Producers BOB HALL 103 South Pecos Midland TX, 79701

Fax To: (432) 683-0312

Received: 05/27/2020 Sampling Date: 05/26/2020

Reported: 05/29/2020 Sampling Type: Soil

Project Name: MESA B 05 Sampling Condition: Cool & Intact
Project Number: 1 SAMPLES AND 1.5 SAMPLES Sample Received By: Tamara Oldaker

Project Location: LEA CO

Sample ID: SP 15 @ 1.5' (H001440-30)

Chloride, SM4500Cl-B Analyzed By: AC Analyte Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD Qualifier Chloride 43600 16.0 05/29/2020 ND 416 104 400 3.77 QM-07

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene



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

ecovery.

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

** Samples not received at proper temperature of 6°C or below.

*** Insufficient time to reach temperature.

- Chloride by SM4500Cl-B does not require samples be received at or below 6°C

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

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celeg D. Freene



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

		OF 111G	ANALYSIS REOLIEST
Company Name: STA		DILL 10	
Project Manager:		P.O. #:	
Address:		Company: STA	
City:	State: Zip:	Attn: Dob Heal	
Phone #:	Fax #:	Address:	
Project #:	Project Owner:	City:	
Project Name: 1 Samples	+ 1.5' samples you	State: Zip:	
Project Location: Messe B C	lear do	Phone #:	
Sampler Name: Michael Ale	7	1	
	P. MATRIX	PRESERV. SAMPLING	
u s	RS TER	1	
Lab I.D. Sample I.D.	AB OR (NTAINE UNDWA TEWAT	/BASE: COOL	
theride	# CON	OTHE DATE	TIME &
		37670	9:30 *
9 1	7.	<u>}-</u>	935 4
(1)			267
	- -	X 8:45	E 7
	_		<i>x</i>
00 S S S S S S S S S S S S S S S S S S	7	8	eliss x
0 C	-		10:00
NO. 40 1.00	λ ~		10:60 X
1 0 5 5	8 -	· x	6:6
Siviral Control of the Control of th	X	X	<u>京 </u>
PLEASE NOTE: Llability and Phanages, Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or fort, shall be limited to the amount paid by the client for the analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after complicion of the applicable analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after complicion of the applicable service. In no event shall Cardinal be liable for incidental or consequental damages, including without limitation, business interruptions, loss of use, or loss of the amount paid by the client for the amount paid by the client for the property of the amount paid by the client for the amount paid by the client p	PLEASE NOTE: Liability and mages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analyses. All daims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after competion of the arguments. All daims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after competion of the arguments. All daims including those for negligence and only of the client is subsidiaries, service. In no event shall Cardinal be liable for incidental or consequental damages, including without limitation, business internations, loss of use, or loss of profits incorrect by client, its subsidiaries, service. In no event shall Cardinal be liable for incidental or consequental damages, including without limitation, business internations, loss of use, or loss of profits incorrect by client, its subsidiaries, service. In no event shall Cardinal be liable for incidental or consequental damages, including without limitation, business internations, loss of use, or loss of profits incorrect by client, its subsidiaries, service. In no event shall cardinal be liable for incidental or consequental damages, including without limitation, business internations, loss of use, or loss of profits incorrect and are consequently and the consequence of the	ct or tort, shall be limited to the amount paid by the client for the decived by Cardinal within 30 days after completion of the nose of use, or loss of politis incurred by client, its substitiants, loss of use, or loss of the politis incurred by client, its substitants.	he client for the applicablo place of the applicablo lies autorities.
Relinquished By:	Relinquished By: Dete: Received By:	101	Phone Result: ☐ Yes ☐ No Add'l Phone #: Fax Result: ☐ Yes ☐ No Add'l Fax #:
	Time: 470	A REAL PROPERTY OF THE PROPERT	REMARKS:
Relinquished By:	Date: Received By:	Course J.	michael o expertentioservices.com
	Time:		Shall a storoil. com
Delivered By: (Circle One)	Sample Condition	5	
Sampler - UPS - Bus - Other:	八一。 井心 大路 下路	10	

Released to Imaging: 10/13/2021 2:43:40 PM

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

(5/	(2/2) 383-2320 FAN (3/3) 333-	V-1-0				
Company Name:	B) A		BILL TO		ANALTUIU REQUEU-	
Project Manager:		9.	P.O. #:			
Address:		Q	Company: STA		9	
City:	State:	Zip: Ai	Attn: Bob Hall			9
Phone #:	Fax #:	A	Address:			
Project #:	Project Owner:		City:	e		
Project Name:	(Samples +1	1.5 samples	State: Zip:		6	34
Project Location:	Mesa B OOS	סי	Phone #:			
Sampler Name:	A			_		
FOR LAB USE ONLY	ē.		PRESERV. SAMPLING	u.		
Lab I.D.	Sample I.D.	AB OR (C)OM INTAINERS UNDWATER ITEWATER DGE ER:	D/BASE: / COOL ER:			
4001446		# CO GRO WAS SOII OIL SLU	ACII ICE OTH DATE	TIME CC		
1	601		()	1 2 2 X		
14	100 00	(x)	7) o. 30 X		
45	10 C	_	x	7		
30	× (X		N ON:01		
6	× 00 000	_		X		
こう	100			X		
180	100	/63	+	() X		
70	10,0	××	х ×	()		,
PLEASE NOTE: Liability and I analyses. All daims including the service in no event shall Cardi	Amages, Cardinal's liability and client's exclusive ren nose for negligence and any other cause whatsoever not be liable for incidental or consequental damages.	PLEASE NOTE: Liability and Danages, Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analyses, All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable analyses, All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service in an event shall cardinal be liable for incidental or consequental damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries,	r tort, shall be limited to the amount paid by the client for the eceived by Cardinal within 30 days after completion of the se of use, or loss of profits incurred by client, its subsidiary	by the client for the completion of the applicable ant. its subsidiaries,		2
Relinquished By:	out of or related to the performance of services networks by Carlotte (1975)	Relinquished By: Solution of the performance of services internance by variantal, resultances of writing account of the performance of services and services are supported by: Times; 120	Miles	Phone Result: ☐ Yes Fax Result: ☐ Yes REMARKS:	□ No Add'l Phone #: □ No Add'l Fax #:	
Relinquished By	Date:	Received By WOOD 1	Mark of		ä	
	. Time:				, si	1
Delivered By: (Circle One)	(Circle One)	Sample Co Cool Inta	on CHECKED BY: (Initials)		ä	7,0
Sampler - UPS -	Bus - Other: 57/C	THE NO NO NO	4			

+ Paralinal connect account worked changes Blance for written changes to 18781 202-2228



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

	3-3		2		CHECKED BY: (Initials)	Sample Condition Cool Intact Tres Tres	#1/3	5/0	(Circle One) - Bus - Other:	Delivered By: (Circle One) Sampler - UPS - Bus - Other
						100 m		Time:		
				REMARKS:	College	Millera LA	Received By:	Time;420	1	Relingwished By
	Add'l Phone #: Add'l Fax #:	□ □ No	lt: ☐ Yes	Phone Result: Fax Result:		Ву:	16 Received By:	Date: 27-36	_	Relinquished By:
			pplicable	d by the client for the a ir completion of the a slient, its subsidiaries asons or otherwise.	hall be limited to the amount part by Cardinal within 30 days after e.e. or loss of profits incurred by or the above stated re-	PLEASE NOTE: Liability and Damages, Cardina'is lability and client's exclusive remety for any claim arising whether pased in contract or fort, shall be limited to the amount paid by the client for the amount paid by the client for the amount paid by the client for the applicable shall be deemed white and enter white	r for any claim arising w ill be deemed waived ur luding wilhout limitation, r by Cardinal, regardles	and client's exclusive remed other cause whatsoever sha consequental damages, incommended the consequental damages.	Damages, Cardinal's liability in those for negligence and any dinal be liable for incidental or would be related to the performance of or related to the performance.	PLEASE NOTE: Liability and analyses. All claims including service: In no event shall Ca affiliates or successors arisin
			X	1 55	۲ ج	χ		7	のこの	30
			X	1050	<i>></i>	K	-		3	29
			X	500	χ	*	<u>-</u>			28
			X	1 40	X	×	— ≫ (] 2 (0)	77
			X		81	ж	~ 760		(2
			X	= U0	+,	7	- DO(52
			χ	25.		r	 Jo (J 3 15	74
			x	1,20		+	-			27
			X	18.18		x	- CO()		5 1 0 1 X	22
			Y	11:10	× 5/26/20	Ж	SO		1001	0
			5	TIME		SOIL OIL SLUC	# CO	502		H001446
					COOL		NTAIN	e I.D.	Sample I.D.	Lab I.D.
							(C)OM ERS 'ATER			200 - 200 -
				NG	PRESERV. SAMPLING	MATRIX	P.	Ó		FOR LAB USE ONLY
		8			#	Fax #:		5	V. A	Sampler Name:
*					ne #:	Phone #:		2000	Mesa	Project Location:
					: Zip:	State:				Project Name:
			¥			City:	ner:	Project Owner:		Project #:
					1	Address:		Fax#:		Phone #:
					20	Attn:	Zip:	State:		City:
-					Company: BTA	Com				Address:
					井	P.O.				Project Manager:
	YSIS REQUEST	ANALYSIS			BILL TO				SIA	Company Name:



June 04, 2020

BOB HALL

BTA Oil Producers

103 South Pecos

Midland, TX 79701

RE: MESA B 05

Enclosed are the results of analyses for samples received by the laboratory on 06/03/20 8:55.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-20-13. 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.

Celey D. Keine

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. Keene

Lab Director/Quality Manager



Analytical Results For:

BTA Oil Producers BOB HALL 103 South Pecos Midland TX, 79701

Fax To: (432) 683-0312

Received: 06/03/2020 Reported: 06/04/2020

Project Name: MESA B 05
Project Number: 2FT SAMPLES

Project Location: LEA CO

Sampling Date: 06/02/2020

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Kelly Jacobson

Sample ID: SP 1 @ 2' (H001497-01)

Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	10000	16.0	06/03/2020	ND	432	108	400	0.00	
Sample ID: SP 2 @ 2' (F	H001497-02)								
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48000	16.0	06/03/2020	ND	432	108	400	0.00	
Sample ID: SP 3 @ 2' (F	H001497-03)								
•	H001497-03) mg,	/kg	Analyze	d By: GM					
•	-	/kg Reporting Limit	Analyze Analyzed	d By: GM Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride, SM4500CI-B Analyte	mg,		-	-	BS 432	% Recovery	True Value QC 400	RPD 0.00	Qualifier
Chloride, SM4500CI-B Analyte Chloride	mg /	Reporting Limit	Analyzed	Method Blank		,	•		Qualifier
Chloride, SM4500CI-B Analyte Chloride Sample ID: SP 4 @ 2' (F	Result	Reporting Limit	Analyzed 06/03/2020	Method Blank		,	•		Qualifier
Chloride, SM4500CI-B Analyte Chloride	mg, Result 28400 H001497-04)	Reporting Limit	Analyzed 06/03/2020	Method Blank ND		,	•		Qualifier

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene



Analytical Results For:

BTA Oil Producers
BOB HALL
103 South Pecos
Midland TX, 79701
Fax To: (432) 683-03

Fax To: (432) 683-0312

Received: 06/03/2020 Sampling Date: 06/02/2020

Reported: 06/04/2020 Sampling Type: Soil

Project Name: MESA B 05 Sampling Condition: Cool & Intact
Project Number: 2FT SAMPLES Sample Received By: Kelly Jacobson

Project Location: LEA CO

Sample ID: SP 5 @ 2' (H001497-05)

Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	560	16.0	06/03/2020	ND	432	108	400	0.00	
Sample ID: SP 6 @ 2' (H	001497-06)								
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: GM					

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	9460	16.0	06/03/2020	ND	432	108	400	0.00	

Sample ID: SP 7 @ 2' (H001497-07)

Chlorido CM4E00CL P

Cilioride, SM4500CI-B	ilig	rkg	Allalyze	u by: um					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	65600	16.0	06/03/2020	ND	432	108	400	0.00	

Analyzed By CM

Sample ID: SP 8 @ 2' (H001497-08)

Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	20000	16.0	06/03/2020	ND	432	108	400	0.00	

Sample ID: SP 9 @ 2' (H001497-09)

Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	22400	16.0	06/03/2020	ND	432	108	400	0.00	

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene



Analytical Results For:

BTA Oil Producers BOB HALL 103 South Pecos Midland TX, 79701

Fax To: (432) 683-0312

 Received:
 06/03/2020
 Sampling Date:
 06/02/2020

 Reported:
 06/04/2020
 Sampling Type:
 Soil

Reported: 06/04/2020 Sampling Type: Soil

Project Name: MESA B 05 Sampling Condition: Cool & Intact

Project Number: 2FT SAMPLES Sample Received By: Kelly Jacobson

Project Location: LEA CO

Sample ID: SP 10 @ 2' (H001497-10)

Qualifier
0
Qualifier
7 QM-07
Qualifier
7
Qualifier
7
) Qualifier
PC .77

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene



Analytical Results For:

BTA Oil Producers BOB HALL 103 South Pecos Midland TX, 79701

Fax To: (432) 683-0312

Received: 06/03/2020 Sampling Date: 06/02/2020

Reported: 06/04/2020 Sampling Type: Soil

Project Name: MESA B 05 Sampling Condition: Cool & Intact Sample Received By: Project Number: **2FT SAMPLES** Kelly Jacobson

Project Location: LEA CO

Sample ID: SP 15 @ 2' (H001497-15)

Chloride, SM4500CI-B	mg/	'kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	50400	16.0	06/03/2020	ND	416	104	400	3.77	

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celeg D. Freene



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

ecovery.

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

** Samples not received at proper temperature of 6°C or below.

*** Insufficient time to reach temperature.

- Chloride by SM4500Cl-B does not require samples be received at or below 6°C

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

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene

+ Pardinal annual account worked abandon Blanca for written abandon to IETEL 202 2226



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name:	BTA	11	BILL TO	ANALYSIS REQUEST
Project Manager:	Bob Hell		P.O. #:	
Address:			Company: BTA	
City:	State:	Zip:	Attn: Bob Hall	
Phone #:	Fax #:		Address:	
Project #:	Project Owner:	Co.	City:	
Project Name:	Z' Samples		State: Zip:	
Project Location:	S		Phone #:	
Sampler Name:	PILES		Fax #:	
FOR LAB USE ONLY		MATRIX	PRESERV. SAMPLING	8
Lab I.D.	Sample I.D.	AB OR (C)OMP NTAINERS UNDWATER TEWATER	/BASE: COOL	
throngh	Q. (d	# CON	OTHE DATE	TIME &
٥	30 2'	040 	X 6220 0	9:26 +
S VS	2 2	_	70	10:03 8
22	, u 2!		x 6/7/20 11	10:15
\U_{\sqrt{1}}	5 2	-	92/20	0.27 2
St	1600	* 4	1 2 1 1 2 x	3 10
N N	× 0	-	6/2/2	7:07
U =	n 2'		× C/pl/10	135 1
PLEASE NOTE: Liability and C	PLEASE NOTE: Liability and Climates and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applical	any claim arising whether based in contract deemed waived unless made in writing and	or tort, shall be limited to the arrount paid by or tort, shall be limited to the arrount paid by or tort, shall be limited to the arrount paid by	The client for the applicable
alfiliates or successors arising o	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.	Cardinal, regardless of whether such claim i	s based upon any of the above stated reason	
Relinquished By:	Tipe: 72	Received By:	27 77 7	PRODE RESUIT: ☐ YES ☐ NO AddTFax#: Fax Result: ☐ Yes ☐ No AddTFax#: REMARKS:
Relinquished By:	Date: Time:	Received By:		Midwel O expertencinaservices .com.
Delivered By: (Circle One) Sampler - UPS - Bus - Other:	(Circle One) 1,8°C	Sample Condition Gool Intact Ves Yes	ion CHECKED BY: (Initials)	

+ Pardinal annual annual corbal abaneon Blanca for written abaneon to IRTEL 202 2226



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name:	RTA		BILL TO		ANALYSIS	IS REQUEST	
Project Manager:	Bob Hall		P.O. #:				
Address:	7		Company: ISTA				
City:	State:	Zip:	Attn: Bob Har				
Phone #:	Fax #:		Address:				
Project #:	Project Owner:	3	City:		FE 27	0	
Project Name:	Billy D'Sa	Samples	State: Zip:				
Project Location:	Meson Bos		Phone #:			7	
Sampler Name:	M. Ales	(6)	Fax #:				
FOR LAB USE ONLY		MATRIX	PRESERV. SAMPLING	G			
	300	RS TER	1		9		o.
Lab I.D.	Sample I.D.	RAB OR (C DNTAINEI DUNDWA' STEWATE L	HER: D/BASE: / COOL HER:				71
4 bhicold		# CO GRO WAS SOIL	ACI	TIME CL		3	
3	110 2	_	+ 62.70	2:20 X			
200	1202	50)s	* 6710	X 25.7.3			-
NO NO	12 @ Z 1	-	6/2/20	7:59 X			
12	15020	X -	x 6/2/20:	W. 07.			
PLEASE NOTE: Liability and Dar analyses, All claims including tho service. In no event shall Cardia affilialise or surressors arising out	PLEASE NOTE: Liability and Damages, Cardinat's liability and client's exclusive remedy for any claim arising whether based in contract or fort, shall be limited to the amount paid by the client for the analyses, All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinat within 30 days after completion of the applications or the completion of the applications of the property of the completion of the applications or consequential damages, including without limitation, business interruptions, loss, of use, or loss of profits incurred by client, its subsidiaries, afficiency or successor aristyn out of or related to the nectormance of services between the profit of the completion of the applications of the profit of the applications of the profit of th	any claim arising whether based in contrac deemed waiwed urdess made in writing ar g without limitation, business interruptions, Cardinal, repartiless of whether such claim	t or torf, shall be limited to the amount paid by the client for it of received by Cardinal within 30 days after completion of the loss of use, or loss of profits incurred by client, its subsidieries to the control of the body of the control of t	by the dient for the completion of the applicable ant, its subsidiaries, ons or otherwise,		2	
Relinquished By:	11 Date: 3-70	Received By:		Phone Result:	ss □ No Add'l Phone #: ss □ No Add'l Fax #:	ne #: #:	
Relinquished By:	Date: 55	Received By:	~		Michalo ex	Michila expertencioservica con	C.O.L
Delivered By: (C Sampler - UPS - E	Delivered By: (Circle One) - 1, 82	Sample Condition Cool Intact Yes Yes Yes	tion CHECKED BY: (Initials)				



June 16, 2020

BOB HALL

BTA Oil Producers

103 South Pecos

Midland, TX 79701

RE: MESA B 05

Enclosed are the results of analyses for samples received by the laboratory on 06/12/20 8:10.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-20-13. 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.

Celey D. Keine

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. Keene

Lab Director/Quality Manager



Analytical Results For:

BTA Oil Producers BOB HALL 103 South Pecos Midland TX, 79701

Fax To: (432) 683-0312

Received: 06/12/2020 Sampling Date: 06/05/2020

Reported: 06/16/2020 Sampling Type: Soil

Project Name: MESA B 05 Sampling Condition: Cool & Intact
Project Number: 3FT & 4FT SAMPLES Sample Received By: Kelly Jacobson

Project Location: LEA CO

Sample ID: SP 1 @ 3' (H001571-01)

Chloride, SM4500Cl-B mg/kg Analyzed By: AC Reporting Limit Analyzed Method Blank BS % Recovery True Value OC RPD Oualifier Analyte Result 6800 Chloride 16.0 06/15/2020 ND 448 400 0.00 112

Sample ID: SP 1 @ 4' (H001571-02)

Chloride, SM4500Cl-B Analyzed By: AC Analyte Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD Qualifier Chloride 5600 16.0 06/15/2020 ND 448 112 400 0.00

Sample ID: SP 2 @ 3' (H001571-03)

Chloride, SM4500Cl-B Analyzed By: AC mg/kg Analyte Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD Qualifier Chloride 6000 16.0 06/15/2020 400 0.00 ND 448 112

Sample ID: SP 2 @ 4' (H001571-04)

Chloride, SM4500Cl-B mg/kg Analyzed By: AC Reporting Limit Analyzed Method Blank True Value QC RPD Qualifier Analyte Result BS % Recovery Chloride 6800 16.0 06/15/2020 ND 448 400 0.00 112

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the pervices hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celeg D. Freene



Analytical Results For:

BTA Oil Producers BOB HALL 103 South Pecos Midland TX, 79701

Fax To: (432) 683-0312

Received: 06/12/2020 Sampling Date: 06/05/2020

Reported: 06/16/2020 Sampling Type: Soil

Project Name: MESA B 05 Sampling Condition: Cool & Intact Project Number: 3FT & 4FT SAMPLES Sample Received By: Kelly Jacobson

Project Location: LEA CO

001571-05)								
mg/	/kg	Analyze	d By: AC					
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
102000	16.0	06/15/2020	ND	448	112	400	0.00	
-								
mg/	/kg	Analyze	d By: AC					
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
14800	16.0	06/15/2020	ND	448	112	400	0.00	
001571-07)								
mg/	/kg	Analyze	d By: AC					
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
12500	16.0	06/15/2020	ND	448	112	400	0.00	
001571-08)								
mg/	/kg	Analyze	d By: AC					
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
15300	16.0	06/15/2020	ND	448	112	400	0.00	
15300	10.0	00/13/2020	ND	770	112	400	0.00	
-	Result 102000 001571-06) mg, Result 14800 001571-07) mg, Result 12500 001571-08) mg, Result	Result Reporting Limit	mg/kg Analyze Result Reporting Limit Analyzed 102000 16.0 06/15/2020 001571-06) Margkg Analyze Result Reporting Limit Analyze	mg/ky Analyzed By: AC Result Reporting Limit Analyzed Method Blank 102000 16.0 06/15/2020 ND Molosoft Analyzed By: AC Result Reporting Limit Analyzed Method Blank 12500 16.0 06/15/2020 ND Method Blank 12500 16.0 06/15/2020 ND 001571-08) mg/kg Analyzed By: AC Result Reporting Limit Analyzed By: AC Result Reporting Limit Analyzed By: AC	mg/kg Analyzed By: AC Result Reporting Limit Analyzed Method Blank BS 102000 16.0 06/15/2020 ND 448 Molosoft Analyzed By: AC Result Reporting Limit Analyzed Method Blank BS 12500 16.0 06/15/2020 ND 448 Molosoft Analyzed Method Blank BS 12500 16.0 06/15/2020 ND 448 001571-08) mg/kg Analyzed By: AC Result Reporting Limit Analyzed By: AC	mg/kg Analyzed By: AC Result Reporting Limit Analyzed Method Blank BS % Recovery 102000 16.0 06/15/2020 ND 448 112 001571-06) mg/kg Analyzed By: AC Result Reporting Limit Analyzed By: AC Result Reporting Limit Analyzed Method Blank BS % Recovery 12500 16.0 06/15/2020 ND 448 112 001571-08) mg/kg Analyzed By: AC Result Reporting Limit Analyzed By: AC	mg/ky Analyzed By: AC Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC 102000 16.0 06/15/2020 ND 448 112 400 Mg/ky Analyzed By: AC Result Reporting Limit Analyzed By: AC Result Reporting Limit Analyzed By: AC Result Reporting Limit Analyzed By: AC True Value QC 12500 16.0 06/15/2020 ND 448 112 400 001571-08) Mg/ky Analyzed By: AC Result Reporting Limit Analyzed By: AC	Manalyzed By: AC Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD 102000 16.0 06/15/2020 ND 448 112 400 0.00 001571-06) mg/kg Analyzed By: AC Result Reporting Limit Analyzed By: AC True Value QC RPD 14800 16.0 06/15/2020 ND 448 112 400 0.00 D01571-07) mg/kg Analyzed By: AC True Value QC RPD 12500 16.0 06/15/2020 ND 448 112 400 0.00 001571-08) Mg/kg Analyzed By: AC Result Reporting Limit Analyzed By: AC True Value QC RPD

Sample ID: SP 6 @ 3' (H001571-09)

Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	117000	16.0	06/15/2020	ND	448	112	400	0.00	

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene



Analytical Results For:

BTA Oil Producers
BOB HALL
103 South Pecos
Midland TX, 79701
Fax To: (432) 683-0312

Received: 06/12/2020 Sampling Date: 06/05/2020

Reported: 06/16/2020 Sampling Type: Soil

Project Name: MESA B 05 Sampling Condition: Cool & Intact
Project Number: 3FT & 4FT SAMPLES Sample Received By: Kelly Jacobson

Project Location: LEA CO

Sample ID: SP 6 @ 4' (H001571-10)

Chloride, SM4500CI-B	mg/	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	120000	16.0	06/15/2020	ND	448	112	400	0.00	
Sample ID: SP 7 @ 3' (H	001571-11)								
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	124000	16.0	06/15/2020	ND	432	108	400	3.77	QM-07
Sample ID: SP 7 @ 4' (H	001571-12)								
Chloride, SM4500CI-B	mg/	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	22400	16.0	06/15/2020	ND	432	108	400	3.77	
Sample ID: SP 8 @ 3' (H	001571-13)								
Chloride, SM4500CI-B	mg/	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	137000	16.0	06/15/2020	ND	432	108	400	3.77	
Sample ID: SP 8 @ 4' (H	001571-14)								
Chloride, SM4500CI-B	mg/	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier

Chloride 125000 16.0

*=Accredited Analyte

3.77

400

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results related only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

ND

432

108

06/15/2020

Celey D. Keine

Cardinal Laboratories



Analytical Results For:

BTA Oil Producers
BOB HALL
103 South Pecos
Midland TX, 79701
Fax To: (432) 683-0312

Received: 06/12/2020 Sampling Date: 06/05/2020

Reported: 06/16/2020 Sampling Type: Soil

Project Name: MESA B 05 Sampling Condition: Cool & Intact
Project Number: 3FT & 4FT SAMPLES Sample Received By: Kelly Jacobson

Project Location: LEA CO

Sample ID: SP 9 @ 3' (H001571-15)

Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	111000	16.0	06/15/2020	ND	432	108	400	3.77	
Sample ID: SP 9 @ 4' (I	H001571-16)								
Chloride, SM4500CI-B	mg/	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	47200	16.0	06/15/2020	ND	432	108	400	3.77	
-	(H001571-17)								
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48800	16.0	06/15/2020	ND	432	108	400	3.77	
Sample ID: SP 10 @ 4'	(H001571-18)								
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	54400	16.0	06/15/2020	ND	432	108	400	3.77	
Sample ID: SP 11 @ 3'	(H001571-19)								
Chloride, SM4500CI-B	mg/	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	121000	16.0	06/15/2020	ND	432	108	400	3.77	

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results related only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celeg D. Freene



Analytical Results For:

BTA Oil Producers
BOB HALL
103 South Pecos
Midland TX, 79701
Fax To: (432) 683-0312

Received: 06/12/2020 Sampling Date: 06/05/2020

Reported: 06/16/2020 Sampling Type: Soil

Project Name: MESA B 05 Sampling Condition: Cool & Intact
Project Number: 3FT & 4FT SAMPLES Sample Received By: Kelly Jacobson

Project Location: LEA CO

Sample ID: SP 11 @ 4' (H001571-20)

Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	52800	16.0	06/15/2020	ND	432	108	400	3.77	
Sample ID: SP 12 @ 3'	(H001571-21)								
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	120000	16.0	06/15/2020	ND	432	108	400	3.77	
Sample ID: SP 12 @ 4'	(H001571-22)								
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	125000	16.0	06/15/2020	ND	432	108	400	3.77	
Sample ID: SP 13 @ 3'	(H001571-23)								
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	117000	16.0	06/15/2020	ND	432	108	400	3.77	
Sample ID: SP 13 @ 4'	(H001571-24)								
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	52800	16.0	06/15/2020	ND	432	108	400	3.77	

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results related only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keine



Analytical Results For:

BTA Oil Producers BOB HALL 103 South Pecos Midland TX, 79701

Fax To: (432) 683-0312

Received: 06/12/2020 Sampling Date: 06/05/2020

Reported: 06/16/2020 Sampling Type: Soil

Project Name: MESA B 05 Sampling Condition: Cool & Intact
Project Number: 3FT & 4FT SAMPLES Sample Received By: Kelly Jacobson

Project Location: LEA CO

Sample ID: SP 14 @ 3' (H001571-25)

Chloride, SM4500Cl-B Analyzed By: AC Analyte Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD Qualifier Chloride 135000 432 16.0 06/15/2020 ND 108 400 3.77

Sample ID: SP 14 @ 4' (H001571-26)

Chloride, SM4500Cl-B Analyzed By: AC BS True Value QC RPD Analyte Result Reporting Limit Analyzed Method Blank Qualifier % Recovery 47600 16.0 06/15/2020 432 400 3.77 Chloride ND 108

Sample ID: SP 15 @ 3' (H001571-27)

Chloride, SM4500Cl-B Analyzed By: AC Analyte Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD Qualifier Chloride 123000 06/15/2020 400 16.0 ND 432 108 3.77

Sample ID: SP 15 @ 4' (H001571-28)

Chloride, SM4500Cl-B mg/kg Analyzed By: AC Analyte Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC **RPD** Qualifier Chloride 127000 16.0 06/15/2020 ND 432 108 400 3.77

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the pervices hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Kune



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

ecovery.

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

** Samples not received at proper temperature of 6°C or below.

*** Insufficient time to reach temperature.

- Chloride by SM4500Cl-B does not require samples be received at or below 6°C

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

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits inclured by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene

Cardinal cannot account worked channes Blance for written channes to 18781 202-2228



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: BTA		BILL TO	ANALYSIS REQUEST
Project Manager: Bob Holl	P.O.	#:	- 1
Address:	Com	Company: ISTA	
City: State:	Zip: Attn:	Bo	
Phone #: Fax #:	Add	Address:	
Project #: Project Owner:			
Project Name: Samples 3 +41		e: Zip:	
D 0	لردر ۵۰ Phone #		
Sampler Name: WA		#	
FOR LAB USE ONLY	MATRIX	PRESERV. SAMPLING	
	RS		
Lab I.D. Sample I.D.	IDGE HER :	D/BASE: / COOL HER :	
1+31001	# CO GRO WAS SOIL OIL SLUE OTHE	-	66
200 V	 *\	50 00 00 00 00 00 00 00 00 00 00 00 00 0	\tag{ \ta} \tag{ \ta} \} \tag{ \tag{ \tag{ \tag{ \tag{ \tag{ \tag{ \tag{ \tag{ \tag}
100 CO	<u>d</u>	8/5/2 0:10	\(\times\)
1 500 BT	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	X:80813/3X	×
Sep. 100 Sep	\$ \text{\tint{\text{\tint{\text{\tint{\text{\tin}\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\tex{\tex	V 6/2/208: 20	
10000 M	Ф 	×7	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
2 25 M. O. M.	×	X 615/28:30	X
SON SON	<u> </u>	X 615/20 8:35	
PLEASE NOTE: Liability and Diffinges. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or fort, shall be limited to the amount paid by the client for the analyses. All claims including those for negligence and any other cause whatsoever shall be decaded unless made in writing and received by Cardinal within 30 days after completion of the applicable	iability and client's exclusive remedy for any dalm arising whether based in contract or tort, shall be limited to the amount pad by the client of the and shall be decaded waived unless made in writing and received by Cardinal within 30 days after completion of the ag	shall be limited to the amount paid by the client of the Cardinal within 30 days after completion of	tor the f
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.	by Cardinal, regardless of whether such claim is based	upon any of the above stated reasons or otherwise.	*
Time 6/2	Po Million	Fax Result:	sult:
Relinquished By: Date:	Received By:		midual o expertencia servicia com
Deliverèd By: (Circle One) 5,47	Sample Condition Cool Intact Yes Yes	CHECKED BY: (Initials)	

+ Paralinal cannat account worked changes Blance for written changes to 18751 202 2226



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: R-A		BILL TO	ANALYSIS REQUEST
Project Manager: 366 Hall		P.O. #:	
Address:	0	Company: Dob Hall	
City: State:	Zip:	Attn:	
Phone #: Fax #:		Address:	
Project #: Project Owner:		City:	
Project Name: Samples 3 441		State: Zip:	0
000		#	
Sampler Name: NVV		Fax #:	
FOR LAB USE ONLY	MATRIX	PRESERV. SAMPLING	
Lab I.D. Sample I.D.		D/BASE: / COOL	
H001371	# CO GRO	OTHE	
N 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	2 &	X 51518 8.78	
2000	P (X 60:00 X	*>
14 SP SB 17	\ \ \	X 6/5/20 9:10 X	
25 SP 98 3	(A)	x 0/5/20 9:20 x	
1 00 CV	< >	1 6/5/20 9:25 X	
1000 0000	\$ ~ ×	x 6/5/2 9:00 X	
	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	X 6/5/209:50 X	
PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy	for any dain adding whether have a contract	X 6/3/20 0:00 1	X
those for negligence : linal be liable for incident of the countries of th	se volusione is mony to a regular arising when the based in Conflict, is a whatsoever shall be deemed waived unless made in writing and shall damages, including without limitation, business interruptions, is services hereunder by Cardinal, regardless of whether such dyfin is	recomplant was a second protection of the client for the client for the client for the client for the client for the client for the client for the client for the client for the client for the client for the client for the client for the client for the client for the client for the client for the application of the application of the client for the c	plicable
Neiniquisied by:	Received By:	Phone Result: Fax Result: REMARKS:	
Relinquished By: Date: Time:	Received By:		And the special of the second
35.5	Sample Condition	ON CHECKED BY:	paidule experie
Sampler - UPS - Bus - Other:	HIN Nes Yes	アハ	

Released to Imaging: 10/13/2021 2:43:40 PM

Laboratories Laboratories

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: RAA	BILL	70	ANALYSIS REQUEST
Project Manager: Bob Hall	P.O. #:		- 1
Address:	Company: 1372	70	
City: State:	Zip: Attn: Bob	Bob Hall	
Phone #: Fax #:	Address:		
Project #: Project Owner:	34	5	
Project Name: Sample 344	State:	Zip:	10
P	Lea Co Phone #:	9	a.
Alus			
FOR LAB USE ONLY	MATRIX	SAMPLING	
Lab I.D. Sample I.D.			
H01571	# CC GRO WAS SOIL OIL SLUI OTH	DATE TIME ()	
22 20 20 8 2	< >	7/8/5:35	
23 SP 13 83	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	15/18/00 P	
12 00 12 00 U	X	8/5/2 10:30 X	
ST LA CAS	×	015/20 0:00 X	
12 12 12 12 13 14 15 15 15 15 15 15 15 15 15 15 15 15 15	<>>	V SP:0180	
1 83/ 00 40	×>	CISTO ONE X	
"LEASE NOTE: Libitily and Damages, Cardina's libitily and clients exclusive renetyl or any claim aising whether based in contract or fort, shall be limited to the amount paid by the client for the malyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event stall Cardinal be libite for incidental or consequential damages, including without limitation, business interruptions, loss of uses, of loss of profits incurred by client, its substitaties, ifficiency or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such daim is based upon any of the above stated reasons or otherwise.	for any claim arising whether based in contract or tort, shall be limited to the deemed waived unless made in writing and received by Cardinal will ulding without limitation, business interruptions, loss of use, or loss of prof by Cardinal, regardless of whether such claim is based upon any of the a	the amount paid by the client for the in, 30 days after completion of the applicable its incurred by client, its subsidiaries, bove stated reasons or otherwise.	
Time: 800 Date: 10/10/10/10/10/10/10/10/10/10/10/10/10/1	Received By:	ult:	Add'l Phone #: Add'l Fax #:
Time:		10	
Delivered By: (Circle One) 5.4 C Sampler - UPS - Bus - Other:	Sample Condition CHECKED BY: Cool Intact (Initials) Yes Yes Yes	7	widel @ experience series.



July 19, 2021

BOB HALL

BTA Oil Producers

103 South Pecos

Midland, TX 79701

RE: MESA B #5

Enclosed are the results of analyses for samples received by the laboratory on 07/15/21 14:50.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-20-13. 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.

Celey D. Keine

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. Keene

Lab Director/Quality Manager



Analytical Results For:

BTA Oil Producers BOB HALL 103 South Pecos Midland TX, 79701

Fax To: (432) 683-0312

Received: 07/15/2021 Reported: 07/19/2021

Project Name: MESA B #5
Project Number: NOT GIVEN
Project Location: LEA CO

Sampling Date: 07/12/2021

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: WALL 48 @ 2 (H211852-01)

BTEX 8021B	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/16/2021	ND	1.81	90.6	2.00	3.74	
Toluene*	<0.050	0.050	07/16/2021	ND	1.95	97.7	2.00	3.97	
Ethylbenzene*	<0.050	0.050	07/16/2021	ND	1.89	94.4	2.00	3.98	
Total Xylenes*	<0.150	0.150	07/16/2021	ND	5.67	94.5	6.00	4.27	
Total BTEX	<0.300	0.300	07/16/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 69.9-14	0						
Chloride, SM4500CI-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	07/16/2021	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	07/16/2021	ND	211	105	200	5.94	
DRO >C10-C28*	<10.0	10.0	07/16/2021	ND	214	107	200	3.95	
EXT DRO >C28-C36	<10.0	10.0	07/16/2021	ND					
Surrogate: 1-Chlorooctane	90.5	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	89.3	% 38.9-14	2						

A ... - L ... - - - I D. .. MC

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results related only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celeg & Freene



Analytical Results For:

BTA Oil Producers BOB HALL 103 South Pecos Midland TX, 79701

Fax To: (432) 683-0312

Received: 07/15/2021 Reported: 07/19/2021

Project Name: MESA B #5
Project Number: NOT GIVEN
Project Location: LEA CO

Sampling Date: 07/12/2021

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Jodi Henson

Sample ID: WALL 50 @ 2 (H211852-02)

BTEX 8021B	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/16/2021	ND	1.81	90.6	2.00	3.74	
Toluene*	<0.050	0.050	07/16/2021	ND	1.95	97.7	2.00	3.97	
Ethylbenzene*	<0.050	0.050	07/16/2021	ND	1.89	94.4	2.00	3.98	
Total Xylenes*	<0.150	0.150	07/16/2021	ND	5.67	94.5	6.00	4.27	
Total BTEX	<0.300	0.300	07/16/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	07/16/2021	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/16/2021	ND	211	105	200	5.94	
DRO >C10-C28*	<10.0	10.0	07/16/2021	ND	214	107	200	3.95	
EXT DRO >C28-C36	<10.0	10.0	07/16/2021	ND					
Surrogate: 1-Chlorooctane	85.5	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	83.6	% 38.9-14	2						

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keine



Analytical Results For:

BTA Oil Producers
BOB HALL
103 South Pecos
Midland TX, 79701
Fax To: (432) 683-0312

Received: 07/15/2021
Reported: 07/19/2021
Project Name: MESA B #5

Project Name: MESA B #5
Project Number: NOT GIVEN
Project Location: LEA CO

Sampling Date: 07/12/2021

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Jodi Henson

Sample ID: WALL 27 @ 2 (H211852-03)

BTEX 8021B

DILX GOZID	iiig/	, kg	Allulyzo	a by. 1-15					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/16/2021	ND	1.81	90.6	2.00	3.74	
Toluene*	<0.050	0.050	07/16/2021	ND	1.95	97.7	2.00	3.97	
Ethylbenzene*	<0.050	0.050	07/16/2021	ND	1.89	94.4	2.00	3.98	
Total Xylenes*	<0.150	0.150	07/16/2021	ND	5.67	94.5	6.00	4.27	
Total BTEX	<0.300	0.300	07/16/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 69.9-14	0						
Chloride, SM4500CI-B	mg	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	07/16/2021	ND	400	100	400	3.92	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/16/2021	ND	211	105	200	5.94	
DRO >C10-C28*	<10.0	10.0	07/16/2021	ND	214	107	200	3.95	
EXT DRO >C28-C36	<10.0	10.0	07/16/2021	ND					
Surrogate: 1-Chlorooctane	89.8	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	88.1	% 38.9-14	2						

Analyzed By: MS

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results related only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keine



Analytical Results For:

BTA Oil Producers
BOB HALL
103 South Pecos
Midland TX, 79701
Fax To: (432) 683-0312

 Received:
 07/15/2021

 Reported:
 07/19/2021

 Project Name:
 MESA B #5

Project Name: MESA B #5
Project Number: NOT GIVEN
Project Location: LEA CO

Sampling Date: 07/12/2021

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Jodi Henson

Sample ID: WALL 29 @ 2 (H211852-04)

BTEX 8021B	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/16/2021	ND	1.81	90.6	2.00	3.74	
Toluene*	<0.050	0.050	07/16/2021	ND	1.95	97.7	2.00	3.97	
Ethylbenzene*	<0.050	0.050	07/16/2021	ND	1.89	94.4	2.00	3.98	
Total Xylenes*	<0.150	0.150	07/16/2021	ND	5.67	94.5	6.00	4.27	
Total BTEX	<0.300	0.300	07/16/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	100	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	07/16/2021	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	07/16/2021	ND	208	104	200	2.24	
DRO >C10-C28*	<10.0	10.0	07/16/2021	ND	218	109	200	0.922	
EXT DRO >C28-C36	<10.0	10.0	07/16/2021	ND					
Surrogate: 1-Chlorooctane	104	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	117 9	% 38.9-14	2						

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celeg D. Keene



Analytical Results For:

BTA Oil Producers
BOB HALL
103 South Pecos
Midland TX, 79701
Fax To: (432) 683-0312

Received: 07/15/2021 Reported: 07/19/2021

Project Name: MESA B #5
Project Number: NOT GIVEN
Project Location: LEA CO

Sampling Date: 07/12/2021

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Jodi Henson

Sample ID: WALL 31 @ 2 (H211852-05)

BTEX 8021B	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/16/2021	ND	1.81	90.6	2.00	3.74	
Toluene*	<0.050	0.050	07/16/2021	ND	1.95	97.7	2.00	3.97	
Ethylbenzene*	<0.050	0.050	07/16/2021	ND	1.89	94.4	2.00	3.98	
Total Xylenes*	<0.150	0.150	07/16/2021	ND	5.67	94.5	6.00	4.27	
Total BTEX	<0.300	0.300	07/16/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	07/16/2021	ND	400	100	400	3.92	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/16/2021	ND	208	104	200	2.24	
DRO >C10-C28*	<10.0	10.0	07/16/2021	ND	218	109	200	0.922	
EXT DRO >C28-C36	<10.0	10.0	07/16/2021	ND					
Surrogate: 1-Chlorooctane	101	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	111	% 38.9-14	22						

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results related only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keine



Analytical Results For:

BTA Oil Producers
BOB HALL
103 South Pecos
Midland TX, 79701
Fax To: (432) 683-0312

(13-), 13- (13-)

 Received:
 07/15/2021
 Sampling Date:
 07/12/2021

 Reported:
 07/19/2021
 Sampling Type:
 Soil

Project Name: MESA B #5 Sampling Condition: Cool & Intact
Project Number: NOT GIVEN Sample Received By: Jodi Henson

Project Location: LEA CO

Sample ID: WALL 33 @ 2 (H211852-06)

BTEX 8021B	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/16/2021	ND	1.81	90.6	2.00	3.74	
Toluene*	<0.050	0.050	07/16/2021	ND	1.95	97.7	2.00	3.97	
Ethylbenzene*	<0.050	0.050	07/16/2021	ND	1.89	94.4	2.00	3.98	
Total Xylenes*	<0.150	0.150	07/16/2021	ND	5.67	94.5	6.00	4.27	
Total BTEX	<0.300	0.300	07/16/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 69.9-14	0						
Chloride, SM4500CI-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	07/16/2021	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	07/16/2021	ND	208	104	200	2.24	
DRO >C10-C28*	<10.0	10.0	07/16/2021	ND	218	109	200	0.922	
EXT DRO >C28-C36	<10.0	10.0	07/16/2021	ND					
Surrogate: 1-Chlorooctane	104	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	118	% 38.9-14	2						

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keine



Analytical Results For:

BTA Oil Producers
BOB HALL
103 South Pecos
Midland TX, 79701
Fax To: (432) 683-0312

Received: 07/15/2021
Reported: 07/19/2021
Project Name: MESA B. #5

Project Name: MESA B #5
Project Number: NOT GIVEN
Project Location: LEA CO

Sampling Date: 07/12/2021

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Jodi Henson

Sample ID: WALL 35 @ 2 (H211852-07)

BTEX 8021B	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/16/2021	ND	1.81	90.6	2.00	3.74	
Toluene*	<0.050	0.050	07/16/2021	ND	1.95	97.7	2.00	3.97	
Ethylbenzene*	<0.050	0.050	07/16/2021	ND	1.89	94.4	2.00	3.98	
Total Xylenes*	<0.150	0.150	07/16/2021	ND	5.67	94.5	6.00	4.27	
Total BTEX	<0.300	0.300	07/16/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 69.9-14	0						
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	07/16/2021	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	07/16/2021	ND	208	104	200	2.24	
DRO >C10-C28*	<10.0	10.0	07/16/2021	ND	218	109	200	0.922	
EXT DRO >C28-C36	<10.0	10.0	07/16/2021	ND					
Surrogate: 1-Chlorooctane	102	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	117 9	% 38.9-14	2						

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keine



Analytical Results For:

BTA Oil Producers BOB HALL 103 South Pecos Midland TX, 79701

Fax To: (432) 683-0312

 Received:
 07/15/2021
 Sampling Date:
 07/12/2021

 Reported:
 07/19/2021
 Sampling Type:
 Soil

Project Name: MESA B #5 Sampling Condition: Cool & Intact
Project Number: NOT GIVEN Sample Received By: Jodi Henson

Project Location: LEA CO

Sample ID: WALL 37 @ 2 (H211852-08)

BTEX 8021B	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/16/2021	ND	1.81	90.6	2.00	3.74	
Toluene*	<0.050	0.050	07/16/2021	ND	1.95	97.7	2.00	3.97	
Ethylbenzene*	<0.050	0.050	07/16/2021	ND	1.89	94.4	2.00	3.98	
Total Xylenes*	<0.150	0.150	07/16/2021	ND	5.67	94.5	6.00	4.27	
Total BTEX	<0.300	0.300	07/16/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	07/16/2021	ND	400	100	400	3.92	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/16/2021	ND	208	104	200	2.24	
DRO >C10-C28*	<10.0	10.0	07/16/2021	ND	218	109	200	0.922	
EXT DRO >C28-C36	<10.0	10.0	07/16/2021	ND					
Surrogate: 1-Chlorooctane	105	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	114	% 38.9-14	2						

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keine



Analytical Results For:

BTA Oil Producers BOB HALL 103 South Pecos Midland TX, 79701

Fax To: (432) 683-0312

 Received:
 07/15/2021
 Sampling Date:
 07/12/2021

 Reported:
 07/19/2021
 Sampling Type:
 Soil

Project Name: MESA B #5 Sampling Condition: Cool & Intact
Project Number: NOT GIVEN Sample Received By: Jodi Henson
Project Location: LEA CO

Sample ID: WALL 47 @ 2 (H211852-09)

BIEX 8021B	mg	кg	Anaiyze	а ву: мэ					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/16/2021	ND	1.81	90.6	2.00	3.74	
Toluene*	<0.050	0.050	07/16/2021	ND	1.95	97.7	2.00	3.97	
Ethylbenzene*	<0.050	0.050	07/16/2021	ND	1.89	94.4	2.00	3.98	

Ethylbenzene* <0.050 0.050 07/16/2021 ND 1.89 94.4 2.00 3.98

Total Xylenes* <0.150 0.150 07/16/2021 ND 5.67 94.5 6.00 4.27

Total BTEX <0.300 0.300 07/16/2021 ND

Surrogate: 4-Bromofluorobenzene (PID 101 % 69.9-140

Chloride, SM4500CI-B	oride, SM4500Cl-B mg/kg		Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	07/16/2021	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	07/16/2021	ND	208	104	200	2.24	
DRO >C10-C28*	<10.0	10.0	07/16/2021	ND	218	109	200	0.922	
EXT DRO >C28-C36	<10.0	10.0	07/16/2021	ND					
					210	105	200	0.322	

Surrogate: 1-Chlorooctane 105 % 44.3-133 Surrogate: 1-Chlorooctadecane 117 % 38.9-142

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene



07/12/2021

Analytical Results For:

BTA Oil Producers
BOB HALL
103 South Pecos
Midland TX, 79701
Fax To: (432) 683-0312

Received: 07/15/2021 Sampling Date:

Reported: 07/19/2021 Sampling Type: Soil

Project Name: MESA B #5 Sampling Condition: Cool & Intact

Project Number: NOT GIVEN Sample Received By: Jodi Henson

Project Location: LEA CO

Sample ID: WALL 49 @ 2 (H211852-10)

BTEX 8021B	mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/16/2021	ND	1.81	90.6	2.00	3.74	
Toluene*	<0.050	0.050	07/16/2021	ND	1.95	97.7	2.00	3.97	
Ethylbenzene*	<0.050	0.050	07/16/2021	ND	1.89	94.4	2.00	3.98	
Total Xylenes*	<0.150	0.150	07/16/2021	ND	5.67	94.5	6.00	4.27	
Total BTEX	<0.300	0.300	07/16/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	100	% 69.9-14	0						
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	07/16/2021	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	07/16/2021	ND	208	104	200	2.24	
DRO >C10-C28*	<10.0	10.0	07/16/2021	ND	218	109	200	0.922	
EXT DRO >C28-C36	<10.0	10.0	07/16/2021	ND					
Surrogate: 1-Chlorooctane	92.7	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	103	% 38.9-14	2						

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results related only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keine



Analytical Results For:

BTA Oil Producers
BOB HALL
103 South Pecos
Midland TX, 79701
Fax To: (432) 683-0312

(10_) 333 33

Received: 07/15/2021 Sampling Date: 07/12/2021

Reported: 07/19/2021 Sampling Type: Soil

Project Name: MESA B #5 Sampling Condition: Cool & Intact
Project Number: NOT GIVEN Sample Received By: Jodi Henson

Project Location: LEA CO

Sample ID: WALL 20 @ 2 (H211852-11)

BTEX 8021B	mg	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/16/2021	ND	1.81	90.6	2.00	3.74	
Toluene*	<0.050	0.050	07/16/2021	ND	1.95	97.7	2.00	3.97	
Ethylbenzene*	<0.050	0.050	07/16/2021	ND	1.89	94.4	2.00	3.98	
Total Xylenes*	<0.150	0.150	07/16/2021	ND	5.67	94.5	6.00	4.27	
Total BTEX	<0.300	0.300	07/16/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	100	% 69.9-14	0						
Chloride, SM4500Cl-B	mg	'kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	07/16/2021	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	07/16/2021	ND	208	104	200	2.24	
DRO >C10-C28*	<10.0	10.0	07/16/2021	ND	218	109	200	0.922	
EXT DRO >C28-C36	<10.0	10.0	07/16/2021	ND					
Surrogate: 1-Chlorooctane	104	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	114	% 38.9-14	2						

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keine



Analytical Results For:

BTA Oil Producers
BOB HALL
103 South Pecos
Midland TX, 79701
Fax To: (432) 683-0312

Received: 07/15/2021 Reported: 07/19/2021

Project Name: MESA B #5
Project Number: NOT GIVEN
Project Location: LEA CO

Sampling Date: 07/12/2021

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Jodi Henson

Sample ID: WALL 25 @ 2 (H211852-12)

BTEX 8021B	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/16/2021	ND	1.81	90.6	2.00	3.74	
Toluene*	<0.050	0.050	07/16/2021	ND	1.95	97.7	2.00	3.97	
Ethylbenzene*	<0.050	0.050	07/16/2021	ND	1.89	94.4	2.00	3.98	
Total Xylenes*	<0.150	0.150	07/16/2021	ND	5.67	94.5	6.00	4.27	
Total BTEX	<0.300	0.300	07/16/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.6	% 69.9-14	0						
Chloride, SM4500CI-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	07/16/2021	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	07/16/2021	ND	208	104	200	2.24	
DRO >C10-C28*	<10.0	10.0	07/16/2021	ND	218	109	200	0.922	
EXT DRO >C28-C36	<10.0	10.0	07/16/2021	ND					
Surrogate: 1-Chlorooctane	97.0	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	105	% 38.9-14	2						

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene



Analytical Results For:

BTA Oil Producers BOB HALL 103 South Pecos Midland TX, 79701

Fax To: (432) 683-0312

Received: 07/15/2021 Reported: 07/19/2021

Project Name: MESA B #5
Project Number: NOT GIVEN
Project Location: LEA CO

Sampling Date: 07/12/2021

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Jodi Henson

Sample ID: WALL 24 @ 2 (H211852-13)

BTEX 8021B	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/16/2021	ND	1.81	90.6	2.00	3.74	
Toluene*	<0.050	0.050	07/16/2021	ND	1.95	97.7	2.00	3.97	
Ethylbenzene*	<0.050	0.050	07/16/2021	ND	1.89	94.4	2.00	3.98	
Total Xylenes*	<0.150	0.150	07/16/2021	ND	5.67	94.5	6.00	4.27	
Total BTEX	<0.300	0.300	07/16/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	100	% 69.9-14	0						
Chloride, SM4500CI-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	07/16/2021	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	07/16/2021	ND	208	104	200	2.24	
DRO >C10-C28*	<10.0	10.0	07/16/2021	ND	218	109	200	0.922	
EXT DRO >C28-C36	<10.0	10.0	07/16/2021	ND					
Surrogate: 1-Chlorooctane	102	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	112 9	% 38.9-14	2						

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results related only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keine



Analytical Results For:

BTA Oil Producers BOB HALL 103 South Pecos Midland TX, 79701 Fax To: (432) 683-0312

Received: 07/15/2021 Sampling Date: 07/12/2021 Reported: 07/19/2021 Sampling Type: Soil

Project Name: MESA B #5 Sampling Condition: Cool & Intact Sample Received By: Project Number: NOT GIVEN Jodi Henson

Project Location: LEA CO

Sample ID: WALL 34 @ 2 (H211852-14)

BTEX 8021B	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/16/2021	ND	1.81	90.6	2.00	3.74	
Toluene*	<0.050	0.050	07/16/2021	ND	1.95	97.7	2.00	3.97	
Ethylbenzene*	<0.050	0.050	07/16/2021	ND	1.89	94.4	2.00	3.98	
Total Xylenes*	<0.150	0.150	07/16/2021	ND	5.67	94.5	6.00	4.27	
Total BTEX	<0.300	0.300	07/16/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 69.9-14	0						
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	07/16/2021	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	07/16/2021	ND	208	104	200	2.24	
DRO >C10-C28*	<10.0	10.0	07/16/2021	ND	218	109	200	0.922	
EXT DRO >C28-C36	<10.0	10.0	07/16/2021	ND					
Surrogate: 1-Chlorooctane	106	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	117 9	% 38.9-14	2						

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene



Analytical Results For:

BTA Oil Producers
BOB HALL
103 South Pecos
Midland TX, 79701
Fax To: (432) 683-0312

Received: 07/15/2021 Reported: 07/19/2021

Project Name: MESA B #5
Project Number: NOT GIVEN
Project Location: LEA CO

Sampling Date: 07/12/2021

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Jodi Henson

Sample ID: WALL 36 @ 5 (H211852-15)

BTEX 8021B	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/16/2021	ND	2.13	106	2.00	4.39	
Toluene*	<0.050	0.050	07/16/2021	ND	2.19	110	2.00	6.52	
Ethylbenzene*	<0.050	0.050	07/16/2021	ND	2.10	105	2.00	8.95	
Total Xylenes*	<0.150	0.150	07/16/2021	ND	6.39	106	6.00	9.58	
Total BTEX	<0.300	0.300	07/16/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	07/16/2021	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/16/2021	ND	208	104	200	2.24	
DRO >C10-C28*	<10.0	10.0	07/16/2021	ND	218	109	200	0.922	
EXT DRO >C28-C36	<10.0	10.0	07/16/2021	ND					
Surrogate: 1-Chlorooctane	105	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	118	% 38.9-14	2						

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results related only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keine



Analytical Results For:

BTA Oil Producers BOB HALL 103 South Pecos Midland TX, 79701

Fax To: (432) 683-0312

 Received:
 07/15/2021
 Sampling Date:
 07/12/2021

 Reported:
 07/19/2021
 Sampling Type:
 Soil

Project Name: MESA B #5 Sampling Condition: Cool & Intact
Project Number: NOT GIVEN Sample Received By: Jodi Henson

Project Location: LEA CO

Sample ID: WALL 38 @ 5 (H211852-16)

BTEX 8021B	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/16/2021	ND	2.13	106	2.00	4.39	
Toluene*	<0.050	0.050	07/16/2021	ND	2.19	110	2.00	6.52	
Ethylbenzene*	< 0.050	0.050	07/16/2021	ND	2.10	105	2.00	8.95	
Total Xylenes*	<0.150	0.150	07/16/2021	ND	6.39	106	6.00	9.58	
Total BTEX	<0.300	0.300	07/16/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.4	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	07/16/2021	ND	416	104	400	0.00	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/16/2021	ND	208	104	200	2.24	
DRO >C10-C28*	<10.0	10.0	07/16/2021	ND	218	109	200	0.922	
EXT DRO >C28-C36	<10.0	10.0	07/16/2021	ND					
Surrogate: 1-Chlorooctane	107	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	119	% 38.9-14	2						

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene



Analytical Results For:

BTA Oil Producers BOB HALL 103 South Pecos Midland TX, 79701

Fax To: (432) 683-0312

Received: 07/15/2021 Reported: 07/19/2021

Project Name: MESA B #5
Project Number: NOT GIVEN
Project Location: LEA CO

Sampling Date: 07/12/2021

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Jodi Henson

Sample ID: WALL 40 @ 2 (H211852-17)

BTEX 8021B	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/16/2021	ND	2.13	106	2.00	4.39	
Toluene*	<0.050	0.050	07/16/2021	ND	2.19	110	2.00	6.52	
Ethylbenzene*	<0.050	0.050	07/16/2021	ND	2.10	105	2.00	8.95	
Total Xylenes*	<0.150	0.150	07/16/2021	ND	6.39	106	6.00	9.58	
Total BTEX	<0.300	0.300	07/16/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 69.9-14	0						
Chloride, SM4500CI-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	07/16/2021	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	07/16/2021	ND	208	104	200	2.24	
DRO >C10-C28*	<10.0	10.0	07/16/2021	ND	218	109	200	0.922	
EXT DRO >C28-C36	<10.0	10.0	07/16/2021	ND					
Surrogate: 1-Chlorooctane	103	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	114 9	% 38.9-14	2						

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene



Analytical Results For:

BTA Oil Producers BOB HALL 103 South Pecos Midland TX, 79701

Fax To: (432) 683-0312

Received: 07/15/2021 Sampling Date: 07/12/2021 Reported: 07/19/2021 Sampling Type: Soil

Project Name: MESA B #5 Sampling Condition: Cool & Intact Sample Received By: Project Number: NOT GIVEN Jodi Henson

Project Location: LEA CO

Sample ID: WALL 42 @ 2 (H211852-18)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/16/2021	ND	2.13	106	2.00	4.39	
Toluene*	<0.050	0.050	07/16/2021	ND	2.19	110	2.00	6.52	
Ethylbenzene*	<0.050	0.050	07/16/2021	ND	2.10	105	2.00	8.95	
Total Xylenes*	<0.150	0.150	07/16/2021	ND	6.39	106	6.00	9.58	
Total BTEX	<0.300	0.300	07/16/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	96.1	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	07/16/2021	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	07/16/2021	ND	208	104	200	2.24	
DRO >C10-C28*	<10.0	10.0	07/16/2021	ND	218	109	200	0.922	
EXT DRO >C28-C36	<10.0	10.0	07/16/2021	ND					
Surrogate: 1-Chlorooctane	106 9	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	119 9	6 38.9-14	2						

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene



07/12/2021

Soil

Analytical Results For:

BTA Oil Producers BOB HALL 103 South Pecos Midland TX, 79701

Fax To: (432) 683-0312

Received: 07/15/2021 Sampling Date: Reported: 07/19/2021 Sampling Type:

Project Name: MESA B #5 Sampling Condition: Cool & Intact Sample Received By: Project Number: NOT GIVEN Jodi Henson

Project Location: LEA CO

Sample ID: WALL 44 @ 2 (H211852-19)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/16/2021	ND	2.13	106	2.00	4.39	
Toluene*	<0.050	0.050	07/16/2021	ND	2.19	110	2.00	6.52	
Ethylbenzene*	<0.050	0.050	07/16/2021	ND	2.10	105	2.00	8.95	
Total Xylenes*	<0.150	0.150	07/16/2021	ND	6.39	106	6.00	9.58	
Total BTEX	<0.300	0.300	07/16/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.1	% 69.9-14	0						
Chloride, SM4500CI-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	07/16/2021	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	07/16/2021	ND	208	104	200	2.24	
DRO >C10-C28*	<10.0	10.0	07/16/2021	ND	218	109	200	0.922	
EXT DRO >C28-C36	<10.0	10.0	07/16/2021	ND					
Surrogate: 1-Chlorooctane	94.2	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	104 9	6 38.9-14	2						

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keine



Analytical Results For:

BTA Oil Producers
BOB HALL
103 South Pecos
Midland TX, 79701
Fax To: (432) 683-0312

Received: 07/15/2021 Reported: 07/19/2021

Project Name: MESA B #5
Project Number: NOT GIVEN
Project Location: LEA CO

Sampling Date: 07/12/2021

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Jodi Henson

Sample ID: WALL 46 @ 2 (H211852-20)

BTEX 8021B	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/16/2021	ND	2.13	106	2.00	4.39	
Toluene*	<0.050	0.050	07/16/2021	ND	2.19	110	2.00	6.52	
Ethylbenzene*	<0.050	0.050	07/16/2021	ND	2.10	105	2.00	8.95	
Total Xylenes*	<0.150	0.150	07/16/2021	ND	6.39	106	6.00	9.58	
Total BTEX	<0.300	0.300	07/16/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.5	% 69.9-14	0						
Chloride, SM4500CI-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	07/16/2021	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	07/16/2021	ND	208	104	200	2.24	
DRO >C10-C28*	<10.0	10.0	07/16/2021	ND	218	109	200	0.922	
EXT DRO >C28-C36	<10.0	10.0	07/16/2021	ND					
Surrogate: 1-Chlorooctane	109	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	122	% 38.9-14	2						

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client; is subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene



Analytical Results For:

BTA Oil Producers BOB HALL 103 South Pecos Midland TX, 79701

Fax To: (432) 683-0312

 Received:
 07/15/2021
 Sampling Date:
 07/12/2021

 Reported:
 07/19/2021
 Sampling Type:
 Soil

Project Name: MESA B #5 Sampling Condition: Cool & Intact
Project Number: NOT GIVEN Sample Received By: Jodi Henson

Analyzed By: MS

Project Location: LEA CO

mg/kg

Sample ID: WALL 39 (H211852-21)

BTEX 8021B

	9,	9	7	7: : : :					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/16/2021	ND	2.13	106	2.00	4.39	
Toluene*	<0.050	0.050	07/16/2021	ND	2.19	110	2.00	6.52	
Ethylbenzene*	<0.050	0.050	07/16/2021	ND	2.10	105	2.00	8.95	
Total Xylenes*	<0.150	0.150	07/16/2021	ND	6.39	106	6.00	9.58	
Total BTEX	<0.300	0.300	07/16/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.7	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	07/16/2021	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/16/2021	ND	208	104	200	2.24	
DRO >C10-C28*	<10.0	10.0	07/16/2021	ND	218	109	200	0.922	
EXT DRO >C28-C36	<10.0	10.0	07/16/2021	ND					
Surrogate: 1-Chlorooctane	103	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	116	% 38.9-14	2						

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results related only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keine



Analytical Results For:

BTA Oil Producers BOB HALL 103 South Pecos Midland TX, 79701

Fax To: (432) 683-0312

Received: 07/15/2021 Reported: 07/19/2021

Project Name: MESA B #5
Project Number: NOT GIVEN
Project Location: LEA CO

ma/ka

Sampling Date: 07/12/2021

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: WALL 41 (H211852-22)

RTFY 8021R

B1EX 8021B	mg	/кд	Anaiyze	а ву: м5					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/16/2021	ND	2.13	106	2.00	4.39	
Toluene*	<0.050	0.050	07/16/2021	ND	2.19	110	2.00	6.52	
Ethylbenzene*	<0.050	0.050	07/16/2021	ND	2.10	105	2.00	8.95	
Total Xylenes*	<0.150	0.150	07/16/2021	ND	6.39	106	6.00	9.58	
Total BTEX	<0.300	0.300	07/16/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 69.9-14	0						
Chloride, SM4500CI-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	07/16/2021	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/16/2021	ND	208	104	200	2.24	
DRO >C10-C28*	<10.0	10.0	07/16/2021	ND	218	109	200	0.922	
EXT DRO >C28-C36	<10.0	10.0	07/16/2021	ND					
Surrogate: 1-Chlorooctane	105	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	118	% 38.9-14	2						

Analyzed By: MC

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keine



Analytical Results For:

BTA Oil Producers BOB HALL 103 South Pecos Midland TX, 79701 Fax To: (432) 683-0312

Received: 07/15/2021 Reported: 07/19/2021 Project Name: MESA B #5

Project Number: NOT GIVEN Project Location: LEA CO

Sampling Date: 07/12/2021

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Jodi Henson

Sample ID: WALL 43 (H211852-23)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/16/2021	ND	2.13	106	2.00	4.39	
Toluene*	<0.050	0.050	07/16/2021	ND	2.19	110	2.00	6.52	
Ethylbenzene*	<0.050	0.050	07/16/2021	ND	2.10	105	2.00	8.95	
Total Xylenes*	<0.150	0.150	07/16/2021	ND	6.39	106	6.00	9.58	
Total BTEX	<0.300	0.300	07/16/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 9	69.9-14	0						
Chloride, SM4500CI-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	07/16/2021	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	07/16/2021	ND	208	104	200	2.24	
DRO >C10-C28*	<10.0	10.0	07/16/2021	ND	218	109	200	0.922	
EXT DRO >C28-C36	<10.0	10.0	07/16/2021	ND					
Surrogate: 1-Chlorooctane	107 9	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	121 9	% 38.9-14	2						

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celeg D. Freene



Analytical Results For:

BTA Oil Producers BOB HALL 103 South Pecos Midland TX, 79701

Fax To: (432) 683-0312

 Received:
 07/15/2021
 Sampling Date:
 07/12/2021

 Reported:
 07/19/2021
 Sampling Type:
 Soil

Project Name: MESA B #5 Sampling Condition: Cool & Intact
Project Number: NOT GIVEN Sample Received By: Jodi Henson

Analyzed By: MS

Project Location: LEA CO

mg/kg

Sample ID: WALL 45 (H211852-24)

BTEX 8021B

	9,	9	7	7: : : :					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/16/2021	ND	2.13	106	2.00	4.39	
Toluene*	<0.050	0.050	07/16/2021	ND	2.19	110	2.00	6.52	
Ethylbenzene*	<0.050	0.050	07/16/2021	ND	2.10	105	2.00	8.95	
Total Xylenes*	<0.150	0.150	07/16/2021	ND	6.39	106	6.00	9.58	
Total BTEX	<0.300	0.300	07/16/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	07/16/2021	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/16/2021	ND	218	109	200	4.22	
DRO >C10-C28*	<10.0	10.0	07/16/2021	ND	210	105	200	4.09	
EXT DRO >C28-C36	<10.0	10.0	07/16/2021	ND					
Surrogate: 1-Chlorooctane	93.8	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	89.5	% 38.9-14	2						

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene



Analytical Results For:

BTA Oil Producers BOB HALL 103 South Pecos Midland TX, 79701

Fax To: (432) 683-0312

Received: 07/15/2021 Sampling Date: 07/12/2021

Reported: 07/19/2021 Sampling Type: Soil

Project Name: MESA B #5 Sampling Condition: Cool & Intact
Project Number: NOT GIVEN Sample Received By: Jodi Henson

Analyzed By: MC

Project Location: LEA CO

ma/ka

Sample ID: WALL 51 (H211852-25)

RTFY 8021R

BIEX 8021B	mg	/ kg	Anaiyze	а ву: м5					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/16/2021	ND	2.13	106	2.00	4.39	
Toluene*	<0.050	0.050	07/16/2021	ND	2.19	110	2.00	6.52	
Ethylbenzene*	<0.050	0.050	07/16/2021	ND	2.10	105	2.00	8.95	
Total Xylenes*	<0.150	0.150	07/16/2021	ND	6.39	106	6.00	9.58	
Total BTEX	<0.300	0.300	07/16/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	320	16.0	07/16/2021	ND	416	104	400	0.00	
TPH 8015M	mg	/kg	Analyze	Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/16/2021	ND	218	109	200	4.22	
DRO >C10-C28*	<10.0	10.0	07/16/2021	ND	210	105	200	4.09	
EXT DRO >C28-C36	<10.0	10.0	07/16/2021	ND					
Surrogate: 1-Chlorooctane	95.0	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	90.2	% 38.9-14	2						

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results related only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celeg D. Freene



Analytical Results For:

BTA Oil Producers BOB HALL 103 South Pecos Midland TX, 79701 Fax To: (432) 683-0312

Received: 07/15/2021 Reported: 07/19/2021 Project Name: MESA B #5

Project Number: NOT GIVEN Project Location: LEA CO

Sampling Date: 07/12/2021

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Jodi Henson

Sample ID: WALL 4 @ 5 (H211852-26)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/16/2021	ND	2.13	106	2.00	4.39	
Toluene*	<0.050	0.050	07/16/2021	ND	2.19	110	2.00	6.52	
Ethylbenzene*	<0.050	0.050	07/16/2021	ND	2.10	105	2.00	8.95	
Total Xylenes*	<0.150	0.150	07/16/2021	ND	6.39	106	6.00	9.58	
Total BTEX	<0.300	0.300	07/16/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 9	69.9-14	0						
Chloride, SM4500CI-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	07/16/2021	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	07/16/2021	ND	218	109	200	4.22	
DRO >C10-C28*	<10.0	10.0	07/16/2021	ND	210	105	200	4.09	
EXT DRO >C28-C36	<10.0	10.0	07/16/2021	ND					
Surrogate: 1-Chlorooctane	90.7	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	85.5	% 38.9-14	2						

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keine



Analytical Results For:

BTA Oil Producers BOB HALL 103 South Pecos Midland TX, 79701

Fax To: (432) 683-0312

Received: 07/15/2021 Sampling Date: 07/12/2021 Reported: 07/19/2021 Sampling Type: Soil

Project Name: MESA B #5 Sampling Condition: Cool & Intact Sample Received By: Project Number: NOT GIVEN Jodi Henson

Project Location: LEA CO

Sample ID: WALL 6 @ 5 (H211852-27)

BTEX 8021B	mg	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/16/2021	ND	2.13	106	2.00	4.39	
Toluene*	<0.050	0.050	07/16/2021	ND	2.19	110	2.00	6.52	
Ethylbenzene*	<0.050	0.050	07/16/2021	ND	2.10	105	2.00	8.95	
Total Xylenes*	<0.150	0.150	07/16/2021	ND	6.39	106	6.00	9.58	
Total BTEX	<0.300	0.300	07/16/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	93.5	% 69.9-14	0						
Chloride, SM4500CI-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	07/16/2021	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	07/16/2021	ND	218	109	200	4.22	
DRO >C10-C28*	<10.0	10.0	07/16/2021	ND	210	105	200	4.09	
EXT DRO >C28-C36	<10.0	10.0	07/16/2021	ND					
Surrogate: 1-Chlorooctane	91.4	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	86.5	% 38.9-14	2						

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene



Analytical Results For:

BTA Oil Producers BOB HALL 103 South Pecos Midland TX, 79701

Fax To: (432) 683-0312

Received: 07/15/2021 Reported: 07/19/2021

Project Name: MESA B #5 Project Number: NOT GIVEN Project Location: LEA CO

Sampling Date: 07/12/2021

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Jodi Henson

Sample ID: WALL 8 @ 5 (H211852-28)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/16/2021	ND	2.13	106	2.00	4.39	
Toluene*	<0.050	0.050	07/16/2021	ND	2.19	110	2.00	6.52	
Ethylbenzene*	<0.050	0.050	07/16/2021	ND	2.10	105	2.00	8.95	
Total Xylenes*	<0.150	0.150	07/16/2021	ND	6.39	106	6.00	9.58	
Total BTEX	<0.300	0.300	07/16/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.6	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	07/16/2021	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	07/16/2021	ND	218	109	200	4.22	
DRO >C10-C28*	<10.0	10.0	07/16/2021	ND	210	105	200	4.09	
EXT DRO >C28-C36	<10.0	10.0	07/16/2021	ND					
Surrogate: 1-Chlorooctane	89.9	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	84.5	% 38.9-14	2						

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene



Analytical Results For:

BTA Oil Producers
BOB HALL
103 South Pecos
Midland TX, 79701
Fax To: (432) 683-0312

 Received:
 07/15/2021

 Reported:
 07/19/2021

 Project Name:
 MESA B #5

Project Name: MESA B #5
Project Number: NOT GIVEN
Project Location: LEA CO

Sampling Date: 07/12/2021

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Jodi Henson

Sample ID: WALL 10 @ 3 (H211852-29)

BTEX 8021B	mg/	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/16/2021	ND	2.13	106	2.00	4.39	
Toluene*	<0.050	0.050	07/16/2021	ND	2.19	110	2.00	6.52	
Ethylbenzene*	<0.050	0.050	07/16/2021	ND	2.10	105	2.00	8.95	
Total Xylenes*	<0.150	0.150	07/16/2021	ND	6.39	106	6.00	9.58	
Total BTEX	<0.300	0.300	07/16/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	07/16/2021	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/16/2021	ND	218	109	200	4.22	
DRO >C10-C28*	<10.0	10.0	07/16/2021	ND	210	105	200	4.09	
EXT DRO >C28-C36	<10.0	10.0	07/16/2021	ND					
Surrogate: 1-Chlorooctane	90.8	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	85.4	% 38.9-14	2						

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene



Analytical Results For:

BTA Oil Producers
BOB HALL
103 South Pecos
Midland TX, 79701
Fax To: (432) 683-0312

Received: 07/15/2021
Reported: 07/19/2021

Project Name: MESA B #5
Project Number: NOT GIVEN
Project Location: LEA CO

Sampling Date: 07/12/2021

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: WALL BETWEEN 15 - 17 (H211852-30)

BTEX 8021B	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/16/2021	ND	2.13	106	2.00	4.39	
Toluene*	<0.050	0.050	07/16/2021	ND	2.19	110	2.00	6.52	
Ethylbenzene*	<0.050	0.050	07/16/2021	ND	2.10	105	2.00	8.95	
Total Xylenes*	<0.150	0.150	07/16/2021	ND	6.39	106	6.00	9.58	
Total BTEX	<0.300	0.300	07/16/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.2	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	g/kg Analyzed By: AC							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	320	16.0	07/16/2021	ND	416	104	400	3.77	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/16/2021	ND	218	109	200	4.22	
DRO >C10-C28*	<10.0	10.0	07/16/2021	ND	210	105	200	4.09	
EXT DRO >C28-C36	<10.0	10.0	07/16/2021	ND					
Surrogate: 1-Chlorooctane	92.4	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	87.0	% 38.9-14	22						

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results related only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celeg & Frence



Analytical Results For:

BTA Oil Producers BOB HALL 103 South Pecos Midland TX, 79701 Fax To: (432) 683-0312

Received: 07/15/2021 Reported: 07/19/2021

Project Name: MESA B #5 Project Number: NOT GIVEN Project Location: LEA CO

Sampling Date: 07/12/2021

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Jodi Henson

Sample ID: WALL 1 (H211852-31)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/16/2021	ND	2.13	106	2.00	4.39	
Toluene*	<0.050	0.050	07/16/2021	ND	2.19	110	2.00	6.52	
Ethylbenzene*	<0.050	0.050	07/16/2021	ND	2.10	105	2.00	8.95	
Total Xylenes*	<0.150	0.150	07/16/2021	ND	6.39	106	6.00	9.58	
Total BTEX	<0.300	0.300	07/16/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	108 9	69.9-14	0						
Chloride, SM4500CI-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	07/16/2021	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	07/16/2021	ND	218	109	200	4.22	
DRO >C10-C28*	<10.0	10.0	07/16/2021	ND	210	105	200	4.09	
EXT DRO >C28-C36	<10.0	10.0	07/16/2021	ND					
Surrogate: 1-Chlorooctane	92.6	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	87.2	% 38.9-14	2						

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celeg D. Freene



07/12/2021

Soil

Analytical Results For:

BTA Oil Producers BOB HALL 103 South Pecos Midland TX, 79701

Fax To: (432) 683-0312

Received: 07/15/2021 Sampling Date: Reported: 07/19/2021 Sampling Type:

Project Name: MESA B #5 Sampling Condition: Cool & Intact Sample Received By: Project Number: NOT GIVEN Jodi Henson

Project Location: LEA CO

Sample ID: WALL 2 (H211852-32)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/16/2021	ND	2.13	106	2.00	4.39	
Toluene*	<0.050	0.050	07/16/2021	ND	2.19	110	2.00	6.52	
Ethylbenzene*	<0.050	0.050	07/16/2021	ND	2.10	105	2.00	8.95	
Total Xylenes*	<0.150	0.150	07/16/2021	ND	6.39	106	6.00	9.58	
Total BTEX	<0.300	0.300	07/16/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	100 9	69.9-14	0						
Chloride, SM4500CI-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	07/16/2021	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	07/16/2021	ND	218	109	200	4.22	
DRO >C10-C28*	<10.0	10.0	07/16/2021	ND	210	105	200	4.09	
EXT DRO >C28-C36	<10.0	10.0	07/16/2021	ND					
Surrogate: 1-Chlorooctane	90.6	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	86.1	% 38.9-14	2						

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celeg D. Freene



Analytical Results For:

BTA Oil Producers BOB HALL 103 South Pecos Midland TX, 79701 Fax To: (432) 683-0312

Received: 07/15/2021 Reported: 07/19/2021 Project Name: MESA B #5

Project Number: NOT GIVEN Project Location: LEA CO

Sampling Date: 07/12/2021

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Jodi Henson

Sample ID: WALL 3 (H211852-33)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/16/2021	ND	2.13	106	2.00	4.39	
Toluene*	<0.050	0.050	07/16/2021	ND	2.19	110	2.00	6.52	
Ethylbenzene*	<0.050	0.050	07/16/2021	ND	2.10	105	2.00	8.95	
Total Xylenes*	<0.150	0.150	07/16/2021	ND	6.39	106	6.00	9.58	
Total BTEX	<0.300	0.300	07/16/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	106 %	69.9-14	0						
Chloride, SM4500CI-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	07/16/2021	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	07/16/2021	ND	218	109	200	4.22	
DRO >C10-C28*	<10.0	10.0	07/16/2021	ND	210	105	200	4.09	
EXT DRO >C28-C36	<10.0	10.0	07/16/2021	ND					
Surrogate: 1-Chlorooctane	92.9	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	88.5	% 38.9-14	2						

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celeg D. Freene



Analytical Results For:

BTA Oil Producers
BOB HALL
103 South Pecos
Midland TX, 79701
Fax To: (432) 683-0312

Received: 07/15/2021 Reported: 07/19/2021

Project Name: MESA B #5
Project Number: NOT GIVEN
Project Location: LEA CO

mg/kg

Sampling Date: 07/12/2021

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Jodi Henson

Sample ID: WALL 5 (H211852-34)

BTEX 8021B

	<u> </u>	<u> </u>		• •					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/16/2021	ND	2.13	106	2.00	4.39	
Toluene*	<0.050	0.050	07/16/2021	ND	2.19	110	2.00	6.52	
Ethylbenzene*	<0.050	0.050	07/16/2021	ND	2.10	105	2.00	8.95	
Total Xylenes*	<0.150	0.150	07/16/2021	ND	6.39	106	6.00	9.58	
Total BTEX	<0.300	0.300	07/16/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.1	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	07/16/2021	ND	416	104	400	3.77	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/16/2021	ND	218	109	200	4.22	
DRO >C10-C28*	<10.0	10.0	07/16/2021	ND	210	105	200	4.09	
EXT DRO >C28-C36	<10.0	10.0	07/16/2021	ND					
Surrogate: 1-Chlorooctane	94.9	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	91.4	% 38.9-14	22						

Analyzed By: MS

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results related only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keine



Analytical Results For:

BTA Oil Producers
BOB HALL
103 South Pecos
Midland TX, 79701
Fax To: (432) 683-0312

Received: 07/15/2021 Reported: 07/19/2021

Project Name: MESA B #5
Project Number: NOT GIVEN
Project Location: LEA CO

ma/ka

Sampling Date: 07/12/2021

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Jodi Henson

Sample ID: WALL 7 (H211852-35)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	а ву: м5					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/16/2021	ND	1.85	92.5	2.00	4.48	
Toluene*	<0.050	0.050	07/16/2021	ND	2.00	99.9	2.00	4.58	
Ethylbenzene*	<0.050	0.050	07/16/2021	ND	1.94	96.8	2.00	4.18	
Total Xylenes*	<0.150	0.150	07/16/2021	ND	5.83	97.2	6.00	3.58	
Total BTEX	<0.300	0.300	07/16/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	07/16/2021	ND	416	104	400	3.77	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/16/2021	ND	218	109	200	4.22	
DRO >C10-C28*	<10.0	10.0	07/16/2021	ND	210	105	200	4.09	
EXT DRO >C28-C36	<10.0	10.0	07/16/2021	ND					
Surrogate: 1-Chlorooctane	91.0	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	86.5	% 38.9-14	2						

Analyzed By: MC

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results related only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celeg D. Freene



Analytical Results For:

BTA Oil Producers
BOB HALL
103 South Pecos
Midland TX, 79701
Fax To: (432) 683-0312

Received: 07/15/2021
Reported: 07/19/2021
Project Name: MESA B #5

Project Name: MESA B #5
Project Number: NOT GIVEN
Project Location: LEA CO

Sampling Date: 07/12/2021

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Jodi Henson

Sample ID: WALL 9 (H211852-36)

Analyte Result Reporting Limit Analyzed Method Blan	nk BS 1.85	% Recovery	True Value QC	RPD	
	1 95		•	KPD	Qualifier
Benzene* <0.050 0.050 07/16/2021 ND	1.05	92.5	2.00	4.48	
Toluene* <0.050 0.050 07/16/2021 ND	2.00	99.9	2.00	4.58	
Ethylbenzene* <0.050 0.050 07/16/2021 ND	1.94	96.8	2.00	4.18	
Total Xylenes* <0.150 0.150 07/16/2021 ND	5.83	97.2	6.00	3.58	
Total BTEX <0.300 0.300 07/16/2021 ND					
Surrogate: 4-Bromofluorobenzene (PID 100 % 69.9-140					
Chloride, SM4500Cl-B mg/kg Analyzed By: AC					
Analyte Result Reporting Limit Analyzed Method Blan	nk BS	% Recovery	True Value QC	RPD	Qualifier
Chloride <16.0 16.0 07/16/2021 ND	416	104	400	3.77	
TPH 8015M mg/kg Analyzed By: MS					
Analyte Result Reporting Limit Analyzed Method Blan	nk BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10* <10.0 10.0 07/16/2021 ND	218	109	200	4.22	
DRO >C10-C28* <10.0 10.0 07/16/2021 ND	210	105	200	4.09	
EXT DRO >C28-C36 <10.0 10.0 07/16/2021 ND					
Surrogate: 1-Chlorooctane 97.1 % 44.3-133					
Surrogate: 1-Chlorooctadecane 92.2 % 38.9-142					

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results related only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celeg D. Freene



Analytical Results For:

BTA Oil Producers BOB HALL 103 South Pecos Midland TX, 79701

Fax To: (432) 683-0312

Received: 07/15/2021 Sampling Date: 07/12/2021 Reported: 07/19/2021 Sampling Type: Soil

Project Name: MESA B #5 Sampling Condition: Cool & Intact Sample Received By: Project Number: NOT GIVEN Jodi Henson

Project Location: LEA CO

Sample ID: WALL 11 (H211852-37)

BTEX 8021B	mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/16/2021	ND	1.85	92.5	2.00	4.48	
Toluene*	<0.050	0.050	07/16/2021	ND	2.00	99.9	2.00	4.58	
Ethylbenzene*	<0.050	0.050	07/16/2021	ND	1.94	96.8	2.00	4.18	
Total Xylenes*	<0.150	0.150	07/16/2021	ND	5.83	97.2	6.00	3.58	
Total BTEX	<0.300	0.300	07/16/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	100 9	69.9-14	0						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	07/16/2021	ND	416	104	400	3.77	
TPH 8015M	mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/16/2021	ND	218	109	200	4.22	
DRO >C10-C28*	<10.0	10.0	07/16/2021	ND	210	105	200	4.09	
EXT DRO >C28-C36	<10.0	10.0	07/16/2021	ND					
Surrogate: 1-Chlorooctane	93.5 % 44.3-1		3						
Surrogate: 1-Chlorooctadecane	89.7	% 38.9-14	2						

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celeg D. Freene



Analytical Results For:

BTA Oil Producers
BOB HALL
103 South Pecos
Midland TX, 79701
Fax To: (432) 683-0312

Received: 07/15/2021
Reported: 07/19/2021
Project Name: MESA B #5

Project Name: MESA B #5
Project Number: NOT GIVEN
Project Location: LEA CO

Sampling Date: 07/12/2021

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: WALL 12 (H211852-38)

BTEX 8021B	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/16/2021	ND	1.85	92.5	2.00	4.48	
Toluene*	<0.050	0.050	07/16/2021	ND	2.00	99.9	2.00	4.58	
Ethylbenzene*	<0.050	0.050	07/16/2021	ND	1.94	96.8	2.00	4.18	
Total Xylenes*	<0.150	0.150	07/16/2021	ND	5.83	97.2	6.00	3.58	
Total BTEX	<0.300	0.300	07/16/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	100	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	07/16/2021	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/16/2021	ND	218	109	200	4.22	
DRO >C10-C28*	<10.0	10.0	07/16/2021	ND	210	105	200	4.09	
EXT DRO >C28-C36	<10.0	10.0	07/16/2021	ND					
Surrogate: 1-Chlorooctane	81.6	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	77.9	% 38.9-14	22						

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results related only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celeg & Frence



Analytical Results For:

BTA Oil Producers BOB HALL 103 South Pecos Midland TX, 79701

Fax To: (432) 683-0312

 Received:
 07/15/2021
 Sampling Date:
 07/12/2021

 Reported:
 07/19/2021
 Sampling Type:
 Soil

Project Name: MESA B #5 Sampling Condition: Cool & Intact
Project Number: NOT GIVEN Sample Received By: Jodi Henson

Analyzed By: MS

Project Location: LEA CO

mg/kg

Sample ID: WALL 13 (H211852-39)

BTEX 8021B

	9,	9	7	7: : : :					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/16/2021	ND	1.85	92.5	2.00	4.48	
Toluene*	<0.050	0.050	07/16/2021	ND	2.00	99.9	2.00	4.58	
Ethylbenzene*	<0.050	0.050	07/16/2021	ND	1.94	96.8	2.00	4.18	
Total Xylenes*	<0.150	0.150	07/16/2021	ND	5.83	97.2	6.00	3.58	
Total BTEX	<0.300	0.300	07/16/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.4	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	07/16/2021	ND	416	104	400	3.77	
TPH 8015M	mg	/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/16/2021	ND	218	109	200	4.22	
DRO >C10-C28*	<10.0	10.0	07/16/2021	ND	210	105	200	4.09	
EXT DRO >C28-C36	<10.0	10.0	07/16/2021	ND					
Surrogate: 1-Chlorooctane	86.2	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	81.5	% 38.9-14	2						

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene



Analytical Results For:

BTA Oil Producers BOB HALL 103 South Pecos Midland TX, 79701

Fax To: (432) 683-0312

 Received:
 07/15/2021
 Sampling Date:
 07/12/2021

 Reported:
 07/19/2021
 Sampling Type:
 Soil

Project Name: MESA B #5 Sampling Condition: Cool & Intact
Project Number: NOT GIVEN Sample Received By: Jodi Henson

Project Location: LEA CO

Sample ID: WALL 14 (H211852-40)

BTEX 8021B	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/16/2021	ND	1.85	92.5	2.00	4.48	
Toluene*	<0.050	0.050	07/16/2021	ND	2.00	99.9	2.00	4.58	
Ethylbenzene*	<0.050	0.050	07/16/2021	ND	1.94	96.8	2.00	4.18	
Total Xylenes*	<0.150	0.150	07/16/2021	ND	5.83	97.2	6.00	3.58	
Total BTEX	<0.300	0.300	07/16/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	07/16/2021	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/16/2021	ND	218	109	200	4.22	
DRO >C10-C28*	<10.0	10.0	07/16/2021	ND	210	105	200	4.09	
EXT DRO >C28-C36	<10.0	10.0	07/16/2021	ND					
Surrogate: 1-Chlorooctane	88.1	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	84.1	% 38.9-14	22						

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celeg D. Freene



Analytical Results For:

BTA Oil Producers
BOB HALL
103 South Pecos
Midland TX, 79701
Fax To: (432) 683-0312

 Received:
 07/15/2021
 Sampling Date:
 07/12/2021

 Reported:
 07/19/2021
 Sampling Type:
 Soil

Project Name: MESA B #5 Sampling Condition: Cool & Intact
Project Number: NOT GIVEN Sample Received By: Jodi Henson

Project Location: LEA CO

Sample ID: WALL 16 (H211852-41)

BTEX 8021B	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/16/2021	ND	1.85	92.5	2.00	4.48	
Toluene*	<0.050	0.050	07/16/2021	ND	2.00	99.9	2.00	4.58	
Ethylbenzene*	<0.050	0.050	07/16/2021	ND	1.94	96.8	2.00	4.18	
Total Xylenes*	<0.150	0.150	07/16/2021	ND	5.83	97.2	6.00	3.58	
Total BTEX	<0.300	0.300	07/16/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	07/16/2021	ND	416	104	400	3.77	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/16/2021	ND	218	109	200	4.22	
DRO >C10-C28*	<10.0	10.0	07/16/2021	ND	210	105	200	4.09	
EXT DRO >C28-C36	<10.0	10.0	07/16/2021	ND					
Surrogate: 1-Chlorooctane	88.0	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	83.6	% 38.9-14	2						

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene



Analytical Results For:

BTA Oil Producers BOB HALL 103 South Pecos Midland TX, 79701

Fax To: (432) 683-0312

Received: 07/15/2021 Reported: 07/19/2021

Project Name: MESA B #5
Project Number: NOT GIVEN
Project Location: LEA CO

Sampling Date: 07/12/2021

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Jodi Henson

Sample ID: WALL 18 (H211852-42)

BTEX 8021B	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/16/2021	ND	1.85	92.5	2.00	4.48	
Toluene*	<0.050	0.050	07/16/2021	ND	2.00	99.9	2.00	4.58	
Ethylbenzene*	<0.050	0.050	07/16/2021	ND	1.94	96.8	2.00	4.18	
Total Xylenes*	<0.150	0.150	07/16/2021	ND	5.83	97.2	6.00	3.58	
Total BTEX	<0.300	0.300	07/16/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	100	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	07/16/2021	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/16/2021	ND	218	109	200	4.22	
DRO >C10-C28*	<10.0	10.0	07/16/2021	ND	210	105	200	4.09	
EXT DRO >C28-C36	<10.0	10.0	07/16/2021	ND					
Surrogate: 1-Chlorooctane	82.4	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	78.5	% 38.9-14	2						

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results related only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celeg D. Freene



Analytical Results For:

BTA Oil Producers BOB HALL 103 South Pecos Midland TX, 79701 Fax To: (432) 683-0312

Received: 07/15/2021 Reported: 07/19/2021 MESA B #5

Project Name: Project Number: NOT GIVEN Project Location: LEA CO

Sampling Date: 07/12/2021

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Jodi Henson

Sample ID: WALL 19 (H211852-43)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/16/2021	ND	1.85	92.5	2.00	4.48	
Toluene*	<0.050	0.050	07/16/2021	ND	2.00	99.9	2.00	4.58	
Ethylbenzene*	<0.050	0.050	07/16/2021	ND	1.94	96.8	2.00	4.18	
Total Xylenes*	<0.150	0.150	07/16/2021	ND	5.83	97.2	6.00	3.58	
Total BTEX	<0.300	0.300	07/16/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 9	69.9-14	0						
Chloride, SM4500CI-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	07/16/2021	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	07/16/2021	ND	218	109	200	4.22	
DRO >C10-C28*	<10.0	10.0	07/16/2021	ND	210	105	200	4.09	
EXT DRO >C28-C36	<10.0	10.0	07/16/2021	ND					
Surrogate: 1-Chlorooctane	76.9	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	72.8	% 38.9-14	2						

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celeg D. Freene



Analytical Results For:

BTA Oil Producers
BOB HALL
103 South Pecos
Midland TX, 79701
Fax To: (432) 683-0312

 Received:
 07/15/2021

 Reported:
 07/19/2021

 Project Name:
 MESA B #5

Project Number: NOT GIVEN Project Location: LEA CO

Sampling Date: 07/12/2021

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Jodi Henson

Sample ID: WALL 21 (H211852-44)

BTEX 8021B	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/16/2021	ND	1.85	92.5	2.00	4.48	
Toluene*	<0.050	0.050	07/16/2021	ND	2.00	99.9	2.00	4.58	
Ethylbenzene*	< 0.050	0.050	07/16/2021	ND	1.94	96.8	2.00	4.18	
Total Xylenes*	<0.150	0.150	07/16/2021	ND	5.83	97.2	6.00	3.58	
Total BTEX	<0.300	0.300	07/16/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.9	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	07/16/2021	ND	416	104	400	3.77	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/17/2021	ND	209	104	200	1.93	
DRO >C10-C28*	<10.0	10.0	07/17/2021	ND	223	111	200	1.24	
EXT DRO >C28-C36	<10.0	10.0	07/17/2021	ND					
Surrogate: 1-Chlorooctane	80.6	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	87.8	% 38.9-14	22						

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results related only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celeg D. Freene



Analytical Results For:

BTA Oil Producers
BOB HALL
103 South Pecos
Midland TX, 79701
Fax To: (432) 683-0312

(10_) 333 33

Received: 07/15/2021 Sampling Date: 07/12/2021

Reported: 07/19/2021 Sampling Type: Soil
Project Name: MESA B #5 Sampling Condition: Cool

Project Name: MESA B #5 Sampling Condition: Cool & Intact
Project Number: NOT GIVEN Sample Received By: Jodi Henson
Project Location: LEA CO

Sample ID: WALL 22 (H211852-45)

BTEX 8021B	mg,	kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/16/2021	ND	1.85	92.5	2.00	4.48	
Toluene*	<0.050	0.050	07/16/2021	ND	2.00	99.9	2.00	4.58	
Ethylbenzene*	<0.050	0.050	07/16/2021	ND	1.94	96.8	2.00	4.18	
Total Xylenes*	<0.150	0.150	07/16/2021	ND	5.83	97.2	6.00	3.58	
Total BTEX	<0.300	0.300	07/16/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	100	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	07/16/2021	ND	416	104	400	3.77	
TPH 8015M	mg,	kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/17/2021	ND	209	104	200	1.93	
DRO >C10-C28*	<10.0	10.0	07/17/2021	ND	223	111	200	1.24	
EXT DRO >C28-C36	<10.0	10.0	07/17/2021	ND					
Surrogate: 1-Chlorooctane	93.1	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	105	% 38.9-14	2						

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene



Analytical Results For:

BTA Oil Producers BOB HALL 103 South Pecos Midland TX, 79701

Fax To: (432) 683-0312

Received: 07/15/2021 Sampling Date: 07/12/2021 Reported: 07/19/2021 Sampling Type: Soil

Project Name: MESA B #5 Sampling Condition: Cool & Intact Sample Received By: Project Number: NOT GIVEN Jodi Henson

Project Location: LEA CO

Sample ID: WALL 23 (H211852-46)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/16/2021	ND	1.85	92.5	2.00	4.48	
Toluene*	<0.050	0.050	07/16/2021	ND	2.00	99.9	2.00	4.58	
Ethylbenzene*	<0.050	0.050	07/16/2021	ND	1.94	96.8	2.00	4.18	
Total Xylenes*	<0.150	0.150	07/16/2021	ND	5.83	97.2	6.00	3.58	
Total BTEX	<0.300	0.300	07/16/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	100 9	69.9-14	0						
Chloride, SM4500CI-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	07/16/2021	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	07/17/2021	ND	209	104	200	1.93	
DRO >C10-C28*	<10.0	10.0	07/17/2021	ND	223	111	200	1.24	
EXT DRO >C28-C36	<10.0	10.0	07/17/2021	ND					
Surrogate: 1-Chlorooctane	95.6	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	105 9	% 38.9-14	2						

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celeg D. Freene



Analytical Results For:

BTA Oil Producers
BOB HALL
103 South Pecos
Midland TX, 79701
Fax To: (432) 683-0312

Received: 07/15/2021 Reported: 07/19/2021

ma/ka

Project Name: MESA B #5
Project Number: NOT GIVEN
Project Location: LEA CO

Sampling Date: 07/12/2021

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Jodi Henson

Sample ID: WALL 26 (H211852-47)

RTFY 8021R

BIEX 8021B	mg,	кд	Anaiyze	а ву: м5					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/16/2021	ND	1.85	92.5	2.00	4.48	
Toluene*	<0.050	0.050	07/16/2021	ND	2.00	99.9	2.00	4.58	
Ethylbenzene*	<0.050	0.050	07/16/2021	ND	1.94	96.8	2.00	4.18	
Total Xylenes*	<0.150	0.150	07/16/2021	ND	5.83	97.2	6.00	3.58	
Total BTEX	<0.300	0.300	07/16/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 5	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	'kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	07/16/2021	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	07/17/2021	ND	209	104	200	1.93	
DRO >C10-C28*	<10.0	10.0	07/17/2021	ND	223	111	200	1.24	
EXT DRO >C28-C36	<10.0	10.0	07/17/2021	ND					
Surrogate: 1-Chlorooctane	99.8	% 44.3-13.	3						
Surrogate: 1-Chlorooctadecane	112 9	% 38.9-14.	2						

Analyzed By: MC

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results related only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celeg D. Freene



Analytical Results For:

BTA Oil Producers BOB HALL 103 South Pecos Midland TX, 79701

Fax To: (432) 683-0312

Received: 07/15/2021 Reported: 07/19/2021

ma/ka

Project Name: MESA B #5
Project Number: NOT GIVEN
Project Location: LEA CO

Sampling Date: 07/12/2021

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Jodi Henson

Sample ID: WALL 28 (H211852-48)

RTFY 8021R

Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<0.050	0.050	07/16/2021	ND	1.85	92.5	2.00	4.48	
<0.050	0.050	07/16/2021	ND	2.00	99.9	2.00	4.58	
<0.050	0.050	07/16/2021	ND	1.94	96.8	2.00	4.18	
<0.150	0.150	07/16/2021	ND	5.83	97.2	6.00	3.58	
<0.300	0.300	07/16/2021	ND					
101 9	% 69.9-14)						
mg/	'kg	Analyze	d By: AC					
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
48.0	16.0	07/16/2021	ND	416	104	400	3.77	
mg/			Analyzed By: MS					
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<10.0	10.0	07/17/2021	ND	209	104	200	1.93	
<10.0	10.0	07/17/2021	ND	223	111	200	1.24	
<10.0	10.0	07/17/2021	ND					
102 5	% 44.3-13.	3						
113 9	38.9-14.	2						
	<0.050 <0.050 <0.050 <0.150 <0.300 101 9 mg/ Result 48.0 mg/ Result <10.0 <10.0 <10.0	<0.050 <0.050 <0.050 <0.050 <0.050 <0.150 <0.300 0.300 TOT % 69.9-140 mg/kg Result Reporting Limit 48.0 16.0 mg/kg Result Reporting Limit <10.0 10.0 <10.0 10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050

Analyzed By: MC

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results related only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celeg D. Freene



Analytical Results For:

BTA Oil Producers
BOB HALL
103 South Pecos
Midland TX, 79701
Fax To: (432) 683-0312

Received: 07/15/2021 Reported: 07/19/2021

Project Name: MESA B #5
Project Number: NOT GIVEN
Project Location: LEA CO

Sampling Date: 07/12/2021

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Jodi Henson

Sample ID: WALL 30 (H211852-49)

Analyte Result Reporting Limit Analyzed Method Blank BS Benzene* <0.050 0.050 07/16/2021 ND 1.85 Toluene* <0.050 0.050 07/16/2021 ND 2.00	% Recovery 92.5 99.9	True Value QC 2.00 2.00	RPD 4.48	Qualifier
, , ,	99.9		4.48	
Toluene* <0.050 0.050 07/16/2021 ND 2.00		2.00		
• •		2.00	4.58	
Ethylbenzene* <0.050 0.050 07/16/2021 ND 1.94	96.8	2.00	4.18	
Total Xylenes* <0.150 0.150 07/16/2021 ND 5.83	97.2	6.00	3.58	
Total BTEX <0.300 0.300 07/16/2021 ND				
Surrogate: 4-Bromofluorobenzene (PID 100 % 69.9-140				
Chloride, SM4500Cl-B mg/kg Analyzed By: AC				
Analyte Result Reporting Limit Analyzed Method Blank BS	% Recovery	True Value QC	RPD	Qualifier
Chloride <16.0 16.0 07/16/2021 ND 400	100	400	3.92	
TPH 8015M mg/kg Analyzed By: MS				
Analyte Result Reporting Limit Analyzed Method Blank BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10* <10.0 10.0 07/17/2021 ND 209	104	200	1.93	
DRO >C10-C28* <10.0 10.0 07/17/2021 ND 223	111	200	1.24	
EXT DRO >C28-C36 <10.0 10.0 07/17/2021 ND				
Surrogate: 1-Chlorooctane 95.0 % 44.3-133				
Surrogate: 1-Chlorooctadecane 104 % 38.9-142				

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results related only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Kreine



Analytical Results For:

BTA Oil Producers
BOB HALL
103 South Pecos
Midland TX, 79701
Fax To: (432) 683-0312

Received: 07/15/2021 Reported: 07/19/2021

Project Name: MESA B #5
Project Number: NOT GIVEN
Project Location: LEA CO

Sampling Date: 07/12/2021

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Jodi Henson

Sample ID: WALL 32 (H211852-50)

BTEX 8021B	mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/16/2021	ND	1.85	92.5	2.00	4.48	
Toluene*	<0.050	0.050	07/16/2021	ND	2.00	99.9	2.00	4.58	
Ethylbenzene*	<0.050	0.050	07/16/2021	ND	1.94	96.8	2.00	4.18	
Total Xylenes*	<0.150	0.150	07/16/2021	ND	5.83	97.2	6.00	3.58	
Total BTEX	<0.300	0.300	07/16/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	100	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	'kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	07/16/2021	ND	400	100	400	3.92	
TPH 8015M	mg,	'kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/17/2021	ND	209	104	200	1.93	
DRO >C10-C28*	<10.0	10.0	07/17/2021	ND	223	111	200	1.24	
EXT DRO >C28-C36	<10.0	10.0	07/17/2021	ND					
Surrogate: 1-Chlorooctane	100	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	109	% 38.9-14	2						

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results related only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keine



Analytical Results For:

BTA Oil Producers BOB HALL 103 South Pecos Midland TX, 79701 Fax To: (432) 683-0312

Received: 07/15/2021 Reported: 07/19/2021 Project Name: MESA B #5

Project Number: NOT GIVEN Project Location: LEA CO

Sampling Date: 07/13/2021

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Jodi Henson

Sample ID: BS - 19 (H211852-51)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/16/2021	ND	1.85	92.5	2.00	4.48	
Toluene*	<0.050	0.050	07/16/2021	ND	2.00	99.9	2.00	4.58	
Ethylbenzene*	<0.050	0.050	07/16/2021	ND	1.94	96.8	2.00	4.18	
Total Xylenes*	<0.150	0.150	07/16/2021	ND	5.83	97.2	6.00	3.58	
Total BTEX	<0.300	0.300	07/16/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	100 9	69.9-14	0						
Chloride, SM4500CI-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	07/16/2021	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	07/17/2021	ND	209	104	200	1.93	
DRO >C10-C28*	<10.0	10.0	07/17/2021	ND	223	111	200	1.24	
EXT DRO >C28-C36	<10.0	10.0	07/17/2021	ND					
Surrogate: 1-Chlorooctane	97.5	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	105 9	% 38.9-14	2						

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celeg D. Freene



Analytical Results For:

BTA Oil Producers BOB HALL 103 South Pecos Midland TX, 79701

Fax To: (432) 683-0312

Received: 07/15/2021 Sampling Date: 07/13/2021

Reported: 07/19/2021 Sampling Type: Soil Project Name: MESA B #5 Sampling Condition: Cool & Intact

Sample Received By: Project Number: NOT GIVEN Jodi Henson

Project Location: LEA CO

Sample ID: BS - 20 (H211852-52)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/16/2021	ND	1.85	92.5	2.00	4.48	
Toluene*	<0.050	0.050	07/16/2021	ND	2.00	99.9	2.00	4.58	
Ethylbenzene*	< 0.050	0.050	07/16/2021	ND	1.94	96.8	2.00	4.18	
Total Xylenes*	<0.150	0.150	07/16/2021	ND	5.83	97.2	6.00	3.58	
Total BTEX	<0.300	0.300	07/16/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.3	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	07/16/2021	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	07/17/2021	ND	209	104	200	1.93	
DRO >C10-C28*	<10.0	10.0	07/17/2021	ND	223	111	200	1.24	
EXT DRO >C28-C36	<10.0	10.0	07/17/2021	ND					
Surrogate: 1-Chlorooctane	98.8	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	107 9	38.9-14	2						

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keine



Analytical Results For:

BTA Oil Producers
BOB HALL
103 South Pecos
Midland TX, 79701
Fax To: (432) 683-0312

Received: 07/15/2021
Reported: 07/19/2021
Project Name: MESA R #5

Project Name: MESA B #5
Project Number: NOT GIVEN
Project Location: LEA CO

ma/ka

Sampling Date: 07/13/2021

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Jodi Henson

Sample ID: BS - 21 (H211852-53)

RTFY 8021R

BIEX 8021B	mg/	кд	Allalyze	а ву: м5					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/16/2021	ND	1.85	92.5	2.00	4.48	
Toluene*	<0.050	0.050	07/16/2021	ND	2.00	99.9	2.00	4.58	
Ethylbenzene*	<0.050	0.050	07/16/2021	ND	1.94	96.8	2.00	4.18	
Total Xylenes*	<0.150	0.150	07/16/2021	ND	5.83	97.2	6.00	3.58	
Total BTEX	<0.300	0.300	07/16/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 9	% 69.9-14	0						
Chloride, SM4500CI-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	07/16/2021	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	07/17/2021	ND	209	104	200	1.93	
DRO >C10-C28*	<10.0	10.0	07/17/2021	ND	223	111	200	1.24	
EXT DRO >C28-C36	<10.0	10.0	07/17/2021	ND					
Surrogate: 1-Chlorooctane	97.1	% 44.3-13.	3						
Surrogate: 1-Chlorooctadecane	104 9	% 38.9-14	2						

Analyzed By: MC

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keine



Analytical Results For:

BTA Oil Producers BOB HALL 103 South Pecos Midland TX, 79701 Fax To: (432) 683-0312

Received: 07/15/2021 Reported: 07/19/2021 Project Name: MESA B #5

Project Number: NOT GIVEN Project Location: LEA CO

Sampling Date: 07/13/2021

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Jodi Henson

Sample ID: BS - 25 (H211852-54)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/16/2021	ND	1.85	92.5	2.00	4.48	
Toluene*	<0.050	0.050	07/16/2021	ND	2.00	99.9	2.00	4.58	
Ethylbenzene*	< 0.050	0.050	07/16/2021	ND	1.94	96.8	2.00	4.18	
Total Xylenes*	<0.150	0.150	07/16/2021	ND	5.83	97.2	6.00	3.58	
Total BTEX	<0.300	0.300	07/16/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 9	69.9-14	0						
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	07/16/2021	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	07/17/2021	ND	209	104	200	1.93	
DRO >C10-C28*	<10.0	10.0	07/17/2021	ND	223	111	200	1.24	
EXT DRO >C28-C36	<10.0	10.0	07/17/2021	ND					
Surrogate: 1-Chlorooctane	99.2	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	108 9	38.9-14	2						

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keine



Analytical Results For:

BTA Oil Producers BOB HALL 103 South Pecos Midland TX, 79701

Fax To: (432) 683-0312

 Received:
 07/15/2021
 Sampling Date:
 07/13/2021

 Reported:
 07/19/2021
 Sampling Type:
 Soil

Project Name: MESA B #5 Sampling Condition: Cool & Intact
Project Number: NOT GIVEN Sample Received By: Jodi Henson

Project Location: LEA CO

Sample ID: BS - 26 (H211852-55)

BTEX 8021B	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/16/2021	ND	2.02	101	2.00	1.39	
Toluene*	<0.050	0.050	07/16/2021	ND	2.15	107	2.00	1.01	
Ethylbenzene*	< 0.050	0.050	07/16/2021	ND	2.05	102	2.00	0.562	
Total Xylenes*	<0.150	0.150	07/16/2021	ND	6.23	104	6.00	1.35	
Total BTEX	<0.300	0.300	07/16/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	07/16/2021	ND	400	100	400	3.92	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/17/2021	ND	209	104	200	1.93	
DRO >C10-C28*	<10.0	10.0	07/17/2021	ND	223	111	200	1.24	
EXT DRO >C28-C36	<10.0	10.0	07/17/2021	ND					
Surrogate: 1-Chlorooctane	100	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	111	% 38.9-14	2						

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results related only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celeg D. Freene



Analytical Results For:

BTA Oil Producers
BOB HALL
103 South Pecos
Midland TX, 79701
Fax To: (432) 683-0312

Received: 07/15/2021 Sampling Date: 07/13/2021

Reported: 07/19/2021 Sampling Type: Soil

Project Name: MESA B #5 Sampling Condition: Cool & Intact
Project Number: NOT GIVEN Sample Received By: Jodi Henson
Project Location: LEA CO

Sample ID: BS - 1 (H211852-56)

BTEX 8021B mg/kg Analyzed By: MS Analyte Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD Qualifier < 0.050 0.050 07/16/2021 2.02 101 2.00 Benzene* ND 1.39 Toluene* < 0.050 0.050 07/16/2021 ND 2.15 107 2.00 1.01

Ethylbenzene* < 0.050 0.050 07/16/2021 ND 2.05 102 2.00 0.562 Total Xylenes* < 0.150 0.150 07/16/2021 ND 6.23 104 6.00 1.35 Total BTEX 07/16/2021 < 0.300 0.300 ND

Surrogate: 4-Bromofluorobenzene (PID 100 % 69.9-140

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	07/16/2021	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	07/17/2021	ND	209	104	200	1.93	
DRO >C10-C28*	<10.0	10.0	07/17/2021	ND	223	111	200	1.24	

ND

07/17/2021

Surrogate: 1-Chlorooctane 97.2 % 44.3-133 Surrogate: 1-Chlorooctadecane 107 % 38.9-142

<10.0

10.0

EXT DRO >C28-C36

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Kune



Analytical Results For:

BTA Oil Producers BOB HALL 103 South Pecos Midland TX, 79701

Fax To: (432) 683-0312

 Received:
 07/15/2021
 Sampling Date:
 07/13/2021

 Reported:
 07/19/2021
 Sampling Type:
 Soil

Project Name: MESA B #5 Sampling Condition: Cool & Intact
Project Number: NOT GIVEN Sample Received By: Jodi Henson

Project Location: LEA CO

Sample ID: BS - 3 (H211852-57)

BTEX 8021B	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/16/2021	ND	2.02	101	2.00	1.39	
Toluene*	<0.050	0.050	07/16/2021	ND	2.15	107	2.00	1.01	
Ethylbenzene*	<0.050	0.050	07/16/2021	ND	2.05	102	2.00	0.562	
Total Xylenes*	<0.150	0.150	07/16/2021	ND	6.23	104	6.00	1.35	
Total BTEX	<0.300	0.300	07/16/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	224	16.0	07/16/2021	ND	400	100	400	3.92	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/17/2021	ND	209	104	200	1.93	
DRO >C10-C28*	<10.0	10.0	07/17/2021	ND	223	111	200	1.24	
EXT DRO >C28-C36	<10.0	10.0	07/17/2021	ND					
Surrogate: 1-Chlorooctane	101	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	114	% 38.9-14	2						

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene



Analytical Results For:

BTA Oil Producers
BOB HALL
103 South Pecos
Midland TX, 79701
Fax To: (432) 683-0312

 Received:
 07/15/2021

 Reported:
 07/19/2021

 Project Name:
 MESA B #5

Project Number: NOT GIVEN
Project Location: LEA CO

ma/ka

Sampling Date: 07/13/2021

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: BS - 4 @ 4 (H211852-58)

RTFY 8021R

B1EX 8021B	mg,	кg	Anaiyze	а ву: мѕ					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/16/2021	ND	2.02	101	2.00	1.39	
Toluene*	<0.050	0.050	07/16/2021	ND	2.15	107	2.00	1.01	
Ethylbenzene*	<0.050	0.050	07/16/2021	ND	2.05	102	2.00	0.562	
Total Xylenes*	<0.150	0.150	07/16/2021	ND	6.23	104	6.00	1.35	
Total BTEX	<0.300	0.300	07/16/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	528	16.0	07/16/2021	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	07/17/2021	ND	209	104	200	1.93	
DRO >C10-C28*	<10.0	10.0	07/17/2021	ND	223	111	200	1.24	
EXT DRO >C28-C36	<10.0	10.0	07/17/2021	ND					
Surrogate: 1-Chlorooctane	101	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	116	% 38.9-14	2						

Applyzod By: MC

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celeg D. Freene



Analytical Results For:

BTA Oil Producers BOB HALL 103 South Pecos Midland TX, 79701 Fax To: (432) 683-0312

Received: 07/15/2021 Reported: 07/19/2021 MESA B #5

Project Name: Project Number: NOT GIVEN Project Location: LEA CO

Sampling Date: 07/13/2021

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Jodi Henson

Sample ID: BS - 5 (H211852-59)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/16/2021	ND	2.02	101	2.00	1.39	
Toluene*	<0.050	0.050	07/16/2021	ND	2.15	107	2.00	1.01	
Ethylbenzene*	<0.050	0.050	07/16/2021	ND	2.05	102	2.00	0.562	
Total Xylenes*	<0.150	0.150	07/16/2021	ND	6.23	104	6.00	1.35	
Total BTEX	<0.300	0.300	07/16/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.8	% 69.9-14	0						
Chloride, SM4500CI-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	07/16/2021	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	07/17/2021	ND	209	104	200	1.93	
DRO >C10-C28*	<10.0	10.0	07/17/2021	ND	223	111	200	1.24	
EXT DRO >C28-C36	<10.0	10.0	07/17/2021	ND					
Surrogate: 1-Chlorooctane	95.1	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	107 9	% 38.9-14	2						

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celeg D. Freene



07/13/2021

Soil

Analytical Results For:

BTA Oil Producers BOB HALL 103 South Pecos Midland TX, 79701

Fax To: (432) 683-0312

Received: 07/15/2021 Sampling Date:
Reported: 07/19/2021 Sampling Type:

ma/ka

Project Name: MESA B #5 Sampling Condition: Cool & Intact
Project Number: NOT GIVEN Sample Received By: Jodi Henson

Analyzed By: MC

Project Location: LEA CO

Sample ID: BS - 74 (H211852-60)

RTFY 8021R

B1EX 8021B	mg	/кд	Anaiyze	а ву: м5					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/16/2021	ND	2.02	101	2.00	1.39	
Toluene*	<0.050	0.050	07/16/2021	ND	2.15	107	2.00	1.01	
Ethylbenzene*	<0.050	0.050	07/16/2021	ND	2.05	102	2.00	0.562	
Total Xylenes*	<0.150	0.150	07/16/2021	ND	6.23	104	6.00	1.35	
Total BTEX	<0.300	0.300	07/16/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	352	16.0	07/16/2021	ND	400	100	400	3.92	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/17/2021	ND	209	104	200	1.93	
DRO >C10-C28*	<10.0	10.0	07/17/2021	ND	223	111	200	1.24	
EXT DRO >C28-C36	<10.0	10.0	07/17/2021	ND					
Surrogate: 1-Chlorooctane	100	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	113	% 38.9-14	2						

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results related only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene



Analytical Results For:

BTA Oil Producers
BOB HALL
103 South Pecos
Midland TX, 79701
Fax To: (432) 683-03

Fax To: (432) 683-0312

 Received:
 07/15/2021
 Sampling Date:
 07/13/2021

 Reported:
 07/19/2021
 Sampling Type:
 Soil

Project Name: MESA B #5 Sampling Condition: Cool & Intact
Project Number: NOT GIVEN Sample Received By: Jodi Henson

Project Location: LEA CO

Sample ID: BS - 75 (H211852-61)

BTEX 8021B	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/16/2021	ND	2.02	101	2.00	1.39	
Toluene*	<0.050	0.050	07/16/2021	ND	2.15	107	2.00	1.01	
Ethylbenzene*	<0.050	0.050	07/16/2021	ND	2.05	102	2.00	0.562	
Total Xylenes*	<0.150	0.150	07/16/2021	ND	6.23	104	6.00	1.35	
Total BTEX	<0.300	0.300	07/16/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	07/16/2021	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/17/2021	ND	209	104	200	1.93	
DRO >C10-C28*	<10.0	10.0	07/17/2021	ND	223	111	200	1.24	
EXT DRO >C28-C36	<10.0	10.0	07/17/2021	ND					
Surrogate: 1-Chlorooctane	90.0	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	103	% 38.9-14	2						

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene



Analytical Results For:

BTA Oil Producers
BOB HALL
103 South Pecos
Midland TX, 79701
Fax To: (432) 683-0312

 Received:
 07/15/2021
 Sampling Date:
 07/13/2021

 Reported:
 07/19/2021
 Sampling Type:
 Soil

Project Name: MESA B #5 Sampling Condition: Cool & Intact
Project Number: NOT GIVEN Sample Received By: Jodi Henson

Project Location: LEA CO

Sample ID: BS - 76 (H211852-62)

BTEX 8021B	mg/kg		Analyze	Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/16/2021	ND	2.02	101	2.00	1.39	
Toluene*	<0.050	0.050	07/16/2021	ND	2.15	107	2.00	1.01	
Ethylbenzene*	<0.050	0.050	07/16/2021	ND	2.05	102	2.00	0.562	
Total Xylenes*	<0.150	0.150	07/16/2021	ND	6.23	104	6.00	1.35	
Total BTEX	<0.300	0.300	07/16/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	109	% 69.9-14	0						
Chloride, SM4500CI-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	07/16/2021	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/17/2021	ND	209	104	200	1.93	
DRO >C10-C28*	<10.0	10.0	07/17/2021	ND	223	111	200	1.24	
EXT DRO >C28-C36	<10.0	10.0	07/17/2021	ND					
Surrogate: 1-Chlorooctane	91.9	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	102	% 38.9-14	22						

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene



Analytical Results For:

BTA Oil Producers BOB HALL 103 South Pecos Midland TX, 79701

Fax To: (432) 683-0312

Received: 07/15/2021 Sampling Date: 07/13/2021 Reported: 07/19/2021 Sampling Type: Soil

Project Name: MESA B #5 Sampling Condition: Cool & Intact Sample Received By: Project Number: NOT GIVEN Jodi Henson

Project Location: LEA CO

Sample ID: BS - 77 (H211852-63)

BTEX 8021B	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/16/2021	ND	2.02	101	2.00	1.39	
Toluene*	<0.050	0.050	07/16/2021	ND	2.15	107	2.00	1.01	
Ethylbenzene*	<0.050	0.050	07/16/2021	ND	2.05	102	2.00	0.562	
Total Xylenes*	<0.150	0.150	07/16/2021	ND	6.23	104	6.00	1.35	
Total BTEX	<0.300	0.300	07/16/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	288	16.0	07/16/2021	ND	400	100	400	3.92	
TPH 8015M	mg/	/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/17/2021	ND	209	104	200	1.93	
DRO >C10-C28*	<10.0	10.0	07/17/2021	ND	223	111	200	1.24	
EXT DRO >C28-C36	<10.0	10.0	07/17/2021	ND					
Surrogate: 1-Chlorooctane	101 9	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	114 9	% 38.9-14	2						

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celeg D. Freene



Analytical Results For:

BTA Oil Producers BOB HALL 103 South Pecos Midland TX, 79701

Fax To: (432) 683-0312

ma/ka

 Received:
 07/15/2021
 Sampling Date:
 07/13/2021

 Reported:
 07/19/2021
 Sampling Type:
 Soil

Project Name: MESA B #5 Sampling Condition: Cool & Intact
Project Number: NOT GIVEN Sample Received By: Jodi Henson

Analyzed By: MC

Project Location: LEA CO

Sample ID: BS - 80 (H211852-64)

RTFY 8021R

B1EX 8021B	mg/kg		Anaiyze	Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/16/2021	ND	2.02	101	2.00	1.39	
Toluene*	<0.050	0.050	07/16/2021	ND	2.15	107	2.00	1.01	
Ethylbenzene*	<0.050	0.050	07/16/2021	ND	2.05	102	2.00	0.562	
Total Xylenes*	<0.150	0.150	07/16/2021	ND	6.23	104	6.00	1.35	
Total BTEX	<0.300	0.300	07/16/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.1	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	07/16/2021	ND	400	100	400	3.92	
TPH 8015M	mg	/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/17/2021	ND	228	114	200	1.01	
DRO >C10-C28*	<10.0	10.0	07/17/2021	ND	225	112	200	2.27	
EXT DRO >C28-C36	<10.0	10.0	07/17/2021	ND					
Surrogate: 1-Chlorooctane	88.8	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	86.2	% 38.9-14	2						

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results related only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keine



Analytical Results For:

BTA Oil Producers
BOB HALL
103 South Pecos
Midland TX, 79701
Fax To: (432) 683-0312

Received: 07/15/2021
Reported: 07/19/2021
Project Name: MESA B #5

Project Name: MESA B #5
Project Number: NOT GIVEN
Project Location: LEA CO

Sampling Date: 07/13/2021

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Jodi Henson

Sample ID: BS - 81 (H211852-65)

BTEX 8021B	mg/kg		Analyze	Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/16/2021	ND	2.02	101	2.00	1.39	
Toluene*	<0.050	0.050	07/16/2021	ND	2.15	107	2.00	1.01	
Ethylbenzene*	< 0.050	0.050	07/16/2021	ND	2.05	102	2.00	0.562	
Total Xylenes*	<0.150	0.150	07/16/2021	ND	6.23	104	6.00	1.35	
Total BTEX	<0.300	0.300	07/16/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	100	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	07/16/2021	ND	400	100	400	3.92	
TPH 8015M	mg	/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/17/2021	ND	228	114	200	1.01	
DRO >C10-C28*	<10.0	10.0	07/17/2021	ND	225	112	200	2.27	
EXT DRO >C28-C36	<10.0	10.0	07/17/2021	ND					
Surrogate: 1-Chlorooctane	90.9	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	88.4	% 38.9-14	2						

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results related only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celeg D. Freene



Analytical Results For:

BTA Oil Producers BOB HALL 103 South Pecos Midland TX, 79701 Fax To: (432) 683-0312

Received: 07/15/2021 Reported: 07/19/2021 Project Name: MESA B #5

Project Number: NOT GIVEN Project Location: LEA CO

Sampling Date: 07/13/2021

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Jodi Henson

Sample ID: BS - 89 (H211852-66)

BTEX 8021B	mg/kg		Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/16/2021	ND	2.02	101	2.00	1.39	
Toluene*	<0.050	0.050	07/16/2021	ND	2.15	107	2.00	1.01	
Ethylbenzene*	<0.050	0.050	07/16/2021	ND	2.05	102	2.00	0.562	
Total Xylenes*	<0.150	0.150	07/16/2021	ND	6.23	104	6.00	1.35	
Total BTEX	<0.300	0.300	07/16/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	107 5	% 69.9-14	0						
Chloride, SM4500CI-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	208	16.0	07/16/2021	ND	400	100	400	3.92	
TPH 8015M	mg/	/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/17/2021	ND	228	114	200	1.01	
DRO >C10-C28*	<10.0	10.0	07/17/2021	ND	225	112	200	2.27	
EXT DRO >C28-C36	<10.0	10.0	07/17/2021	ND					
Surrogate: 1-Chlorooctane	89.6	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	88.1	% 38.9-14	2						

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celeg D. Freene



Analytical Results For:

BTA Oil Producers BOB HALL 103 South Pecos Midland TX, 79701 Fax To: (432) 683-0312

Received: 07/15/2021 Reported: 07/19/2021

Project Name: MESA B #5 Project Number: NOT GIVEN Project Location: LEA CO

Sampling Date: 07/13/2021

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Jodi Henson

Sample ID: BS - 90 (H211852-67)

BTEX 8021B	mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/16/2021	ND	2.02	101	2.00	1.39	
Toluene*	<0.050	0.050	07/16/2021	ND	2.15	107	2.00	1.01	
Ethylbenzene*	<0.050	0.050	07/16/2021	ND	2.05	102	2.00	0.562	
Total Xylenes*	<0.150	0.150	07/16/2021	ND	6.23	104	6.00	1.35	
Total BTEX	<0.300	0.300	07/16/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 9	% 69.9-14	0						
Chloride, SM4500CI-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	07/16/2021	ND	400	100	400	3.92	
TPH 8015M	mg/	/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/17/2021	ND	228	114	200	1.01	
DRO >C10-C28*	<10.0	10.0	07/17/2021	ND	225	112	200	2.27	
EXT DRO >C28-C36	<10.0	10.0	07/17/2021	ND					
Surrogate: 1-Chlorooctane	87.1	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	85.2	% 38.9-14	2						

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celeg D. Freene



Analytical Results For:

BTA Oil Producers
BOB HALL
103 South Pecos
Midland TX, 79701
Fax To: (432) 683-0312

Received: 07/15/2021 Reported: 07/19/2021

Project Name: MESA B #5
Project Number: NOT GIVEN
Project Location: LEA CO

ma/ka

Sampling Date: 07/13/2021

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Jodi Henson

Sample ID: BS - 15 (H211852-68)

RTFY 8021R

B1EX 8021B	тд/кд		Anaiyze	Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/16/2021	ND	2.02	101	2.00	1.39	
Toluene*	<0.050	0.050	07/16/2021	ND	2.15	107	2.00	1.01	
Ethylbenzene*	<0.050	0.050	07/16/2021	ND	2.05	102	2.00	0.562	
Total Xylenes*	<0.150	0.150	07/16/2021	ND	6.23	104	6.00	1.35	
Total BTEX	<0.300	0.300	07/16/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.4	% 69.9-14	0						
Chloride, SM4500Cl-B	mg	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	656	16.0	07/16/2021	ND	400	100	400	3.92	
TPH 8015M	mg	/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/17/2021	ND	228	114	200	1.01	
DRO >C10-C28*	<10.0	10.0	07/17/2021	ND	225	112	200	2.27	
EXT DRO >C28-C36	<10.0	10.0	07/17/2021	ND					
Surrogate: 1-Chlorooctane	94.2	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	93.1	% 38.9-14	2						

Analyzed By: MC

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keine



Analytical Results For:

BTA Oil Producers
BOB HALL
103 South Pecos
Midland TX, 79701
Fax To: (432) 683-0312

Received: 07/15/2021 Reported: 07/19/2021

Project Name: MESA B #5
Project Number: NOT GIVEN
Project Location: LEA CO

Sampling Date: 07/13/2021

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Jodi Henson

Sample ID: BS - 18 (H211852-69)

BTEX 8021B	mg/kg		Analyze	Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/16/2021	ND	2.02	101	2.00	1.39	
Toluene*	<0.050	0.050	07/16/2021	ND	2.15	107	2.00	1.01	
Ethylbenzene*	<0.050	0.050	07/16/2021	ND	2.05	102	2.00	0.562	
Total Xylenes*	<0.150	0.150	07/16/2021	ND	6.23	104	6.00	1.35	
Total BTEX	<0.300	0.300	07/16/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	07/16/2021	ND	416	104	400	0.00	
TPH 8015M	mg	/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/17/2021	ND	228	114	200	1.01	
DRO >C10-C28*	<10.0	10.0	07/17/2021	ND	225	112	200	2.27	
EXT DRO >C28-C36	<10.0	10.0	07/17/2021	ND					
Surrogate: 1-Chlorooctane	90.7	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	89.4	% 38.9-14	22						

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celeg D. Freene



Analytical Results For:

BTA Oil Producers BOB HALL 103 South Pecos Midland TX, 79701

Fax To: (432) 683-0312

Received: 07/15/2021 Reported: 07/19/2021

ma/ka

Project Name: MESA B #5
Project Number: NOT GIVEN
Project Location: LEA CO

Sampling Date: 07/13/2021

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: BS - 6 (H211852-70)

RTFY 8021R

BIEX 8021B	mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/16/2021	ND	2.02	101	2.00	1.39	
Toluene*	<0.050	0.050	07/16/2021	ND	2.15	107	2.00	1.01	
Ethylbenzene*	<0.050	0.050	07/16/2021	ND	2.05	102	2.00	0.562	
Total Xylenes*	<0.150	0.150	07/16/2021	ND	6.23	104	6.00	1.35	
Total BTEX	<0.300	0.300	07/16/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 69.9-14	0						
Chloride, SM4500CI-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	07/16/2021	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/17/2021	ND	228	114	200	1.01	
DRO >C10-C28*	<10.0	10.0	07/17/2021	ND	225	112	200	2.27	
EXT DRO >C28-C36	<10.0	10.0	07/17/2021	ND					
Surrogate: 1-Chlorooctane	80.5	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	78.0	% 38.9-14	2						

Analyzed By: MC

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene



Analytical Results For:

BTA Oil Producers
BOB HALL
103 South Pecos
Midland TX, 79701
Fax To: (432) 683-0312

Received: 07/15/2021 Reported: 07/19/2021

Project Name: MESA B #5
Project Number: NOT GIVEN
Project Location: LEA CO

Sampling Date: 07/13/2021

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Jodi Henson

Sample ID: BS - 7 (H211852-71)

BTEX 8021B	mg/kg		Analyze	Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/17/2021	ND	2.02	101	2.00	1.39	
Toluene*	<0.050	0.050	07/17/2021	ND	2.15	107	2.00	1.01	
Ethylbenzene*	<0.050	0.050	07/17/2021	ND	2.05	102	2.00	0.562	
Total Xylenes*	<0.150	0.150	07/17/2021	ND	6.23	104	6.00	1.35	
Total BTEX	<0.300	0.300	07/17/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	07/16/2021	ND	416	104	400	0.00	
TPH 8015M	mg	/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/17/2021	ND	228	114	200	1.01	
DRO >C10-C28*	<10.0	10.0	07/17/2021	ND	225	112	200	2.27	
EXT DRO >C28-C36	<10.0	10.0	07/17/2021	ND					
Surrogate: 1-Chlorooctane	88.9	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	87.2	% 38.9-14	2						

Cardinal Laboratories

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results related only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celeg D. Freene

Celey D. Keene, Lab Director/Quality Manager

*=Accredited Analyte



Analytical Results For:

BTA Oil Producers BOB HALL 103 South Pecos Midland TX, 79701

Fax To: (432) 683-0312

Received: 07/15/2021 Reported: 07/19/2021

Project Name: MESA B #5
Project Number: NOT GIVEN
Project Location: LEA CO

ma/ka

Sampling Date: 07/13/2021

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Jodi Henson

Sample ID: BS - 8 (H211852-72)

RTFY 8021R

B1EX 8021B	mg/kg		Anaiyze	Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/17/2021	ND	2.02	101	2.00	1.39	
Toluene*	<0.050	0.050	07/17/2021	ND	2.15	107	2.00	1.01	
Ethylbenzene*	<0.050	0.050	07/17/2021	ND	2.05	102	2.00	0.562	
Total Xylenes*	<0.150	0.150	07/17/2021	ND	6.23	104	6.00	1.35	
Total BTEX	<0.300	0.300	07/17/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	288	16.0	07/16/2021	ND	416	104	400	0.00	
TPH 8015M	mg	/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/17/2021	ND	228	114	200	1.01	
DRO >C10-C28*	<10.0	10.0	07/17/2021	ND	225	112	200	2.27	
EXT DRO >C28-C36	<10.0	10.0	07/17/2021	ND					
Surrogate: 1-Chlorooctane	93.1	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	91.7	% 38.9-14	2						

Analyzed By: MC

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene



Notes and Definitions

QR-04 The RPD for the BS/BSD was outside of historical limits.

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

** Samples not received at proper temperature of 6°C or below.

*** Insufficient time to reach temperature.

- Chloride by SM4500Cl-B does not require samples be received at or below 6°C

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

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results related only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keine



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

			393-2326	Cardinal cannot accept verbal changes. Please fax written changes to (575) 393-2326	ease fax writt	erbal changes. PI	annot accept vo	† Cardinal c
	,80	- B	Wilders)	No No	#113	-1.30	- Bus - Other:	Sampler - UPS -
			CHECKED BY:	Sample Condition	-	2	(Circle One)	Delivered By: (Circle One)
Michael alvas @ alvas oil + velo saverons.	rad alves @	Mic			(Time:		\
Constitutions and	•			d By:	Received By:	Date:		Relinquished By:
Add'l Fax #:		Fax Result: REMARKS:	Son	I the	3	S. Taluit		The state of the s
	+ Vac	Phone Recult	ed upon any of the above stated	ass of whether such claim is base	der by Cardinal, regardless of whe	rformance of services hereund	linquished By:	Relinquished By
	e applicable les	nal within 30 days after completion of the all of profits incurred by client, its subsidiaries.	ved by Cardinal within 30 days a use, or loss of profits incurred to	analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequental damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries.	hall be deemed waived ncluding without limitati	any other cause whatsoever s if or consequental damages, ii	those for negligence and dinal be liable for incidents	analyses. All claims including service. In no event shall Car
	7 7 7	hald by the client for	tract or tort, shall be limited to the amount of	whether based in contract or tor	edy for any claim arising	al's liability and client's exclusive remedy for any claim arising whether based in con	Damages, Cardinal's liab	PLEASE NOTE: Liability and
	メメ		, , , , , , , , , , , , , , , , , , ,	· ×		702	Mall	09
	x x x	11:50	· >>	7	- 7	102	mall 3	S
	×××	11:41	۲ ر	,	- 5	3502	NO 1 3	07
	× ×	11:35	×-	×	2 2	302	May 3	30
	XX	16.21	×	8	1 2	(P)	31	e,
	× × ×	11 10 3	×	-7-	١ ۵	69	re 11 pm	50
	× '	10:57	Y	8	ر ۲	62	=	_
	7 %	10°7	×	×	1	A 300	wall so	-
	X	-	x T	×	1 3	12	Mall 480	_
	C T B	TIME	ACID/B ICE / C OTHER DATE		_			H211852-
	L PH TEX		OOL	-	B OR (C	Sample I.D.	Sam	Lab I.D.
	(-				
		SAMPLING	ESERV.	MATRIX			C	FOR LAB USE ONLY
			Fax #:	Fa		Semple !	Now	Sampler Name:
			Phone #:	P		5	11/050	Project Location:
			State: Zip:	St				Project Name:
			City:	C)wner:	Project Owner:		Project #:
			Address:	A		Fax #:		Phone #:
		1011	Attn: Boh	Aı	Zip:	State:		City:
			Company: BTH	Ç				Address:
			P.O. #:	P			7	Project Manager:
ANALYSIS REQUEST		0	BILL TO		となる ひしてん	Des 110	418 a	Company Name:
					3-2476	(575) 393-2326 FAX (575) 393-2476	(575) 393-232	
no le x					№ 88240	101 East Marland, Hobbs, NM 88240	101 East Mar	

Relinquished By:

Sampler - UPS - Bus - Other:

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

Delivered By: (Circle One)



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST β

TO THE STATE OF TH		SIND OIL STOCKED	500		BILL TO		ANAI YSIS D	FOLIEST
State: Zip: Adm: Bob Mall Fax #: Address: Project Owner: City: State: Zip: Project Owner: City: State: Zip: Phone #: Fax #:	roject Manage	7						14000
TPH XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	ddress:			Company:	BTP			
TO THE SECOND SE	ity:	State:	Zip:	Attn: B	5 Hall			
TPH XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	hone #:	Fax #:		Address:	189			
TPH XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	roject #:	Project Ow	ner:	City:				
TO THE SECOND SE	roject Name:			State.	7in:			
TPH XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	roject I ocation	100		orate.	Zip:		_	
TPH XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	roject Location	1		Phone #:				
TPH XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	ampler Name:	Myguy Gomes		Fax #:				
TO TO TO TO TO TO TO TO TO TO TO TO TO T	OR LAB USE ONLY	C						
TO THE STATE OF TH	- ah	6233	NERS VATER		100.0	*		
Yes ONO		Sample I.D.	CONTAIN ROUNDY VASTEWA	LUDGE THER: CID/BASE CE/COOL		CL		
Yes No	=	mall 2062		\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	7-12-21	S % X X		
Yes No	_	=		~	72:	2 7 8 8		
Yes O No		-		*	- :	\ \ \ \ \ \		
Yes No		-		*	7 8:00	y y x		
Yes O No				××	(913	XXX		
t: O Yes O No		- (< >	10.4	x X X		
tt. Yes No	2	7		× >	11.11	× - × - × - × - × - × - × - × - × - × -		
t: Yes O No	19	5	6 1 2	×	1	× × ×		
t: Yes No	ASE NOTE: Hability and	603 Haw	G ()	8	7-12-2 3 11	X		
t: Yes ONo	ises. All claims including ce. In no event shall Can	Damages, Cardinat's liability and client's exclusive remedy to those for negligence and any other cause whatsoever shall it dinal be liable for incidental or consequental damages, include the consequental damages.	or any claim arising whether bas be deemed waived unless made	sed in contract or tort, shall be limited in writing and received by Cardinal	d to the amount paid by the clier within 30 days after completion	nt for the of the applicable		
Fav Desille.	linguished By	out of or related to the performance of services hereunder b	y Cardinal, regardless of whether	er such claim is based upon any of the	pronts incurred by client, its sub- he above stated reasons or othe	6.4		
No.	1		10	41	Fax Res	ult: Yes	1	

REMARKS:

Althous alway of Field solutions of



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST $\rho \neq 3$

Project Manager:	ANALYSIS REQUEST
Address:	Company: 874
City: State: Zip:	
	Sec. 0
Project #: Project Owner: C:	City:
Project Location: NESA B	Phono #.
	TIOIE #:
Colony	Fax #:
MATRIX D.	PRESERV. SAMPLING
	D/BASE: //COOL HER:
Wall 39 (G) (G) (G) (G) (G) (G) (G) (G) (G) (G)	DATE TIME
mall 41	77.20
24 Wall 45	3:16 A X X
26 may 36 61 p	w
mall to s	ره د
May 865	X
man (00)	000
PLEASE NOTE: Lability and Damages. Cardinal's liability and disnity X and be limited to the amount paid by the client for the	
service. In no event shall Cardinal be liable for incidental or consequental damages, including without intellect make in writing and received by Cardinal within 30 days after completion of the applicable affiliation or successors arising out of or related to the performance of services hereunder by Cardinal, negarities, or whether such claim is based upon any of the above stated reasons or otherwise. Relitoriis Bed Buy	d by Cardinal within, 30 days after completion of the applicable se, or loss of profits incurred by client, its substituries, upon any of the above stated reasons for chiences.
14 20 100 pm	Phone Result:
Time:	Michael alvesta alms offield solution or a
Sampler - UPS - Bus - Other: -1.30/ 13/ Col/ Intact Co	CHECKED BY:
† Cardinal cannot accept verbal changes. Please fax written changes to (575) 393/2326	391/2326



101 East Marland, Hobbs, NM 88240

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

(575) 393-2326 FAX (575) 393-2476	6	67120
Company Name: DTA of Produce	BILL TO	ANALYSIS REQUEST
Project Manager:	P.O. #:	
Address:	Company: 8Th	
City: State:	zip: Attn: Bob H	
Phone #: Fax #:	Address	
Project #: Project Owner:		
Project Name:		
Project Location: Mesa 8 5	#	
Sampler Name: Mile un Come ?	Fax #:	The state of the s
FOR LAB USE ONLY	MATRIX PRESERV.	SAMPLING
Lab I.D. Sample I.D.	(G)RAB OR (C)OM # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE DTHER: ACID/BASE: CE / COOL DTHER:	TPH BTEX
May	\$ 5 C C C C C C C C C C C C C C C C C C	-
33 Wall 3	~ ~ ~	1:03 × × ×
INA		4:00 *
36 may 1		20 00 00 00 00 00 00 00 00 00 00 00 00 0
	6-	11/32 / / /
		N:34 X X
40 may 14	6 1 Y X 7.12-51	2) 11:35 × × ×
PLEASE NOTE: Lability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the claims including those for regligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable.	y claim arising whether based in contract or fort, shall be limited to the amount pade by the clain for the semed waived unless made in writing and received by Cardinal within 30 days after completion of the al	Indipaid by the client to the sapplicable
affiliates or successful arising fulful 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. Relincturished RV:	without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiari rdinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise	M. 47
Relinguished By:	Jon Janson	Phone Result:
	Property.	Michael awes @ alves on Field solutions. Org
Delivered By: (Circle One) Sampler - UPS - Bus - Other: -1.54 # 113	Sample Condition CHECKED BY:	
† Cardinal cannot accept verbal changes. Please fax written changes to (575) 393-2326	fax written changes to (575) 393-2326	

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



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

OIL HIGH SILLS	\$10 Over	BILL TO		ANALYSIS REQUEST	
Project Manager:		P.O. #:			
Address:		Company: RTA			
City:	State: Zip:	Attn: Por Hall			
Phone #:	Fax #:	Address:			_
Project #:	Project Owner:	City:			_
Project Name:		State: Zin:			_
Project Location: MeSa S	5	#			
Sampler Name: Mtqual G	Giomor	Fax #:			
FOR LAB USE ONLY		PRESERV. SAMPLING			
	(C)OMP ERS ATER		X		
Lab I.D. Sample I.D.	G)RAB OR CONTAIN GROUNDW VASTEWATOIL LUDGE	THER: CID/BASE: CE / COOL THER:	CL TPH BTE		
41 wall 16	- ·	16-8-4 ×	11,40 X X X		\perp
92 wall 18	ζ.		130:08		
W 120 21	5	1	12110 K X X		
ma 11	C	× 7			
1/2 wall 23	1 3		\$ * * * * * * * * * * * * * * * * * * *		
47 Wall 26	X I Y	*	5 × × ×		
Wall 8	-	~	ンメイナン		
Se Mail So	××	1	19 1		
PLEASE NOTE: Liability and Damages, Cardinal's liability and cli analyses. All claims including those for negligence and any other service. In no event shall Cardinal be liable for incidental or conce	PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consenuental damages including without the state of the cardinal service.	r tort, shall be limited to the amount paid by the received by Cardinal within 30 days after comp	the client for the pletton of the applicable		L
Relinquisbed By://	Date: Received By:	based upon any of the above stated reasons o	t		
July &	Joseph Joseph	MAON FAX	Yes No	Add'l Fax #:	
Kellinguisned by:	Date: Received By:				_
	Time:	3	lichael alms@alms	Michael alms@alms ofitiel solutions, org	_
Delivered By: (Circle One)		n CHECKED BY:			_
Sampler - UPS - Bus - Other:	71.11 115 Pres Pres	Constitution of the second			_
					•

Relinquished By:

Sampler - UPS - Bus - Other:

Cardinal cannot accept verbal changes. Please fax written changes to (575) \$93-2326

Cool Intact
Wes Pres
No No

hthree (alues (a) almy of 1 Fiel solutions, org

Delivered By: (Circle One)

Time:



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

8436

Somband Halle 1214 O'r DIDOMCEN	,	BILL TO	ANALYSIS REQUEST	
Project Manager:		P.O. #:		_
Address:		Company: 3TA		
City: State:	Zip:	Attn: Bob Hall		
Phone #: Fax #:		Address:		
Project #: Project Owner:		City:		
Project Name:		State: Zip:		
Project Location: VMESC 35		Phone #:		
(0		Fax #:		_
FOR LAB USE ONLY	MATRIX	PRESERV. SAMPLING		
Lab I.D. Sample I.D.			H ex	
	# CONT GROUN WASTE' SOIL OIL SLUDGE	ACID/BA ICE / CO OTHER	CL TP B+	
8 10-18	*	DIX (1/2)	***	_
- 55	×	X 7-13-21 10:59	7.	324
52 15-20	-	7-13-21	(Q) X X X	
53 B5-21	X	X 7-13-2111	EDE X X X	
5 35 35	2 × ×	× 7-13-2112	2:05 X X X	
St 105-1		X 7-13-21 4	Z X X X X X X X X X X X X X X X X X X X	
57 8 3	\(\sigma\)	x 7-13-21 4	(6) 7 X X	
8 135 - 464	グ - ア	× 7-13-219	3° 7	
59 135 - 5	×	× 7-13-21 1	(a) X X X	
EASE NOTE: Lability and Dannages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tout, shall be limited to the amount paid by the client for the naives. All claims including those for negligence and any other cause whatsoever shall be deemed whether because including and received by Cardinal within 30 days after completion of the applicable rucce. In no event self-cardinal within a behalf or incident of concentral demonstration within a state of the cardinal within 30 days after completion of the applicable.	ny claim arising whether based in contract or leemed waived unless made in writing and re	tort, shall be limited to the amount paid by ceived by Cardinal within 30 days after con	the client for the mpletion of the applicable	L
wince, in a event splat caronial be liable for incidental of consequental damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries enterprise in successful 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 neasons or otherwise.	ages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiari haraunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise	s of use, or loss of profits incurred by client, ased upon any of the above stated reasons	, Its subsidiaries, s or otherwise,	
Date: 16-21	Received By:	Ph	Phone Result:	
ころができます。	AND AND	N. LAYN RE		

† Cardinal cannot accept verbal changes. Please fax written changes to (575) 395-2326



101 East Marland, Hobbs, NM 88240

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Project Manager: Address:	A Springer		BILL TO		ANALYSIS	7177
Address:			P.O. #:		- 1	KEQUEST
			Company: BTA			
City:	State:	Zip:	Attn: Dob H	=		
Phone #:	Fax #:		Address:			
Project #:	Project Owner:		City:			
Project Name:			State: Zin:			
Project Location: WESC 1	8 5		#			
Sampler Name: Wish Well	2 SOMEZ		Fay #			
\neg		MATRIX	SERV			
		S ER	PRESERV. SAMPLING	<u></u>		
Lab I.D. Samp	Sample I.D.	(G)RAB OR (C)C # CONTAINERS GROUNDWATE WASTEWATER SOIL OIL SLUDGE	OTHER: ACID/BASE: CE / COOL OTHER:	CL TIPH	B+ex	
60 135-74		×	X 7-13-21	×	×	
61 135-73 10-73	21.0		× 7-13-211	EYX X X	~	
63 BS - 77	0.	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	× 7/2 24	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	< >	
69 135-80	0		X 7-13-21	XXX	~ (
19-50	0	_	X 7-13-21 1	1:59 × × ×		
C 15-87	2 62	-	X 7-13-21 2	(103 X X X		
25-15	0.0	× 7	7-13-41 2	7 7 20		
PLEASE NOTE: Liability and Damages, Cardinal's liability of	Domages, Cardina's liability and client's exclusive namedy for any claim action and the second secon		X 7-13-219	555 X X X X X X X X X X X X X X X X X X		
relations including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be lable for incidental or consequental damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or strongly/s arising/fill 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.	any other cause whatsoever shall be deem or consequental damages, including with formance of services hereunder by Cardin	shall be deemed waived unless made in writing and received by Cardinal within 30 days a including without limitation, business interruptions, loss of use, or loss of profits incurred b der by Cardinal, regardless of whether such claim is based upon any of the above stated	eived by Cardinal within 30 days after co of use, or loss of profits incurred by clien sed upon any of the above stated reason	reasons or otherwise.		
Relinquished By:	Time: 50	Received By: Received By:		Phone Result:	□ No Add'l Phone #: □ No Add'l Fax #:	
	Time:					
Delivered By: (Circle One)	I re Istin	Sample Condition	CHECKED BY:			

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



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Sampler - UPS - Bus - Other: Relinquished By: Delivered By: (Circle One) Sampler Name: Project Name: Project #: Address: alyses. All claims including those for Project Location: WN€ Sec Phone #: Project Manager: Company Name: rice. In no eve FOR LAB USE ONLY Lab I.D 101 East Marland, Hobbs, NM 88240 (575) 393-2326 FAX (575) 393-2476 MISHEL BTA oil produces Sample I.D. 05 Time: Fax #: Project Owner: State: Received By: CO CO (G)RAB OR (C)OMP Zip: # CONTAINERS GROUNDWATER Sample Condition
Cool Intact
Ves Yes
No No unless made in writing and received by Cardinal within 30 days after WASTEWATER X X X SOIL MATRIX OIL ptions, loss of use, or loss of profits incurred by client, its subsidiaries, SLUDGE OTHER State: City: Fax #: Phone #: Attn: P.O. #: Address: Company: ACID/BASE: PRESERV XXX ICE / COOL 800 OTHER BILL TO Zip 13-21 12:15 13-21 2:13 DATE SAMPLING 18 Phone Result: Fax Result: REMARKS: Michaelalouse alves officially solvelions. org TIME ☐ Yes ON O Add'l Phone #: Add'l Fax #: **ANALYSIS** REQUEST



July 26, 2021

BOB HALL

BTA Oil Producers

103 South Pecos

Midland, TX 79701

RE: MESA B #5

Enclosed are the results of analyses for samples received by the laboratory on 07/23/21 8:30.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-20-13. 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.

Celey D. Keine

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. Keene

Lab Director/Quality Manager



Analytical Results For:

BTA Oil Producers
BOB HALL
103 South Pecos
Midland TX, 79701
Fax To: (432) 683-0312

 Received:
 07/23/2021

 Reported:
 07/26/2021

 Project Name:
 MESA B #5

Project Number: NONE GIVEN
Project Location: LEA CO

Sampling Date: 07/19/2021

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: BS 67 (H211935-01)

BTEX 8021B	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/23/2021	ND	1.91	95.7	2.00	6.25	
Toluene*	<0.050	0.050	07/23/2021	ND	2.05	102	2.00	7.08	
Ethylbenzene*	<0.050	0.050	07/23/2021	ND	1.97	98.4	2.00	6.00	
Total Xylenes*	<0.150	0.150	07/23/2021	ND	5.85	97.5	6.00	6.93	
Total BTEX	<0.300	0.300	07/23/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	110	% 69.9-14	0						
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	288	16.0	07/23/2021	ND	400	100	400	7.69	
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	07/24/2021	ND	218	109	200	2.44	
DRO >C10-C28*	<10.0	10.0	07/24/2021	ND	205	103	200	2.58	
EXT DRO >C28-C36	<10.0	10.0	07/24/2021	ND					
Surrogate: 1-Chlorooctane	76.1	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	74.8	% 38.9-14	2						

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene



Analytical Results For:

BTA Oil Producers BOB HALL 103 South Pecos Midland TX, 79701 Fax To: (432) 683-0312

Received: 07/23/2021 Reported: 07/26/2021

Project Name: MESA B #5 Project Number: NONE GIVEN Project Location: LEA CO

Sampling Date: 07/19/2021

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker

Sample ID: BS 68 (H211935-02)

BTEX 8021B	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/23/2021	ND	1.91	95.7	2.00	6.25	
Toluene*	<0.050	0.050	07/23/2021	ND	2.05	102	2.00	7.08	
Ethylbenzene*	<0.050	0.050	07/23/2021	ND	1.97	98.4	2.00	6.00	
Total Xylenes*	<0.150	0.150	07/23/2021	ND	5.85	97.5	6.00	6.93	
Total BTEX	<0.300	0.300	07/23/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	352	16.0	07/23/2021	ND	400	100	400	7.69	
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	07/24/2021	ND	218	109	200	2.44	
DRO >C10-C28*	<10.0	10.0	07/24/2021	ND	205	103	200	2.58	
EXT DRO >C28-C36	<10.0	10.0	07/24/2021	ND					
Surrogate: 1-Chlorooctane	83.0	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	78.8	% 38.9-14	2						

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene



Analytical Results For:

BTA Oil Producers
BOB HALL
103 South Pecos
Midland TX, 79701
Fax To: (432) 683-0312

Received: 07/23/2021 Reported: 07/26/2021

Project Name: MESA B #5
Project Number: NONE GIVEN
Project Location: LEA CO

Sampling Date: 07/19/2021

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: BS 66 (H211935-03)

BTEX 8021B	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/23/2021	ND	1.91	95.7	2.00	6.25	
Toluene*	<0.050	0.050	07/23/2021	ND	2.05	102	2.00	7.08	
Ethylbenzene*	<0.050	0.050	07/23/2021	ND	1.97	98.4	2.00	6.00	
Total Xylenes*	<0.150	0.150	07/23/2021	ND	5.85	97.5	6.00	6.93	
Total BTEX	<0.300	0.300	07/23/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	336	16.0	07/23/2021	ND	400	100	400	7.69	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/24/2021	ND	218	109	200	2.44	
DRO >C10-C28*	<10.0	10.0	07/24/2021	ND	205	103	200	2.58	
EXT DRO >C28-C36	<10.0	10.0	07/24/2021	ND					
Surrogate: 1-Chlorooctane	77.3	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	75.3	% 38.9-14	2						

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results related only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celeg & Frence



Analytical Results For:

BTA Oil Producers
BOB HALL
103 South Pecos
Midland TX, 79701
Fax To: (432) 683-0312

,

 Received:
 07/23/2021
 Sampling Date:
 07/19/2021

 Reported:
 07/26/2021
 Sampling Type:
 Soil

Project Name: MESA B #5 Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Project Location: LEA CO

Sample ID: WALL 135 (H211935-04)

BTEX 8021B	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/23/2021	ND	1.91	95.7	2.00	6.25	
Toluene*	<0.050	0.050	07/23/2021	ND	2.05	102	2.00	7.08	
Ethylbenzene*	<0.050	0.050	07/23/2021	ND	1.97	98.4	2.00	6.00	
Total Xylenes*	<0.150	0.150	07/23/2021	ND	5.85	97.5	6.00	6.93	
Total BTEX	<0.300	0.300	07/23/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	106	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	07/23/2021	ND	400	100	400	7.69	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/24/2021	ND	218	109	200	2.44	
DRO >C10-C28*	<10.0	10.0	07/24/2021	ND	205	103	200	2.58	
EXT DRO >C28-C36	<10.0	10.0	07/24/2021	ND					
Surrogate: 1-Chlorooctane	100	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	93.6	% 38.9-14	2						

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results related only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene



Analytical Results For:

BTA Oil Producers BOB HALL 103 South Pecos Midland TX, 79701

Fax To: (432) 683-0312

Received: 07/23/2021 Sampling Date: 07/19/2021 Reported: 07/26/2021 Sampling Type: Soil

Project Name: MESA B #5 Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker Project Number: NONE GIVEN

Project Location: LEA CO

Sample ID: WALL 128 @ 4' (H211935-05)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/23/2021	ND	1.91	95.7	2.00	6.25	
Toluene*	<0.050	0.050	07/23/2021	ND	2.05	102	2.00	7.08	
Ethylbenzene*	< 0.050	0.050	07/23/2021	ND	1.97	98.4	2.00	6.00	
Total Xylenes*	<0.150	0.150	07/23/2021	ND	5.85	97.5	6.00	6.93	
Total BTEX	<0.300	0.300	07/23/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	107 9	69.9-14	0						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	07/23/2021	ND	400	100	400	7.69	
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	07/24/2021	ND	218	109	200	2.44	
DRO >C10-C28*	<10.0	10.0	07/24/2021	ND	205	103	200	2.58	
EXT DRO >C28-C36	<10.0	10.0	07/24/2021	ND					
Surrogate: 1-Chlorooctane	134 %	6 44.3-13	3						
Surrogate: 1-Chlorooctadecane	134 9	6 38.9-14	2						

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keine



07/19/2021

Analytical Results For:

BTA Oil Producers BOB HALL 103 South Pecos Midland TX, 79701 Fax To: (432) 683-0312

Received: 07/23/2021

Reported: 07/26/2021 Sampling Type: Soil Project Name: MESA B #5 Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker Project Number: NONE GIVEN

Sampling Date:

Project Location: LEA CO

Sample ID: WALL 129 @ 4' (H211935-06)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/23/2021	ND	1.91	95.7	2.00	6.25	
Toluene*	<0.050	0.050	07/23/2021	ND	2.05	102	2.00	7.08	
Ethylbenzene*	<0.050	0.050	07/23/2021	ND	1.97	98.4	2.00	6.00	
Total Xylenes*	<0.150	0.150	07/23/2021	ND	5.85	97.5	6.00	6.93	
Total BTEX	<0.300	0.300	07/23/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	104 %	69.9-14	0						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	07/23/2021	ND	400	100	400	7.69	
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	07/24/2021	ND	218	109	200	2.44	
DRO >C10-C28*	<10.0	10.0	07/24/2021	ND	205	103	200	2.58	
EXT DRO >C28-C36	<10.0	10.0	07/24/2021	ND					
Surrogate: 1-Chlorooctane	84.2	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	79.7	% 38.9-14	2						

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keine



Analytical Results For:

BTA Oil Producers BOB HALL 103 South Pecos Midland TX, 79701 Fax To: (432) 683-0312

Received: 07/23/2021 Reported: 07/26/2021

Project Name: MESA B #5 Project Number: NONE GIVEN Project Location: LEA CO

Sampling Date: 07/19/2021

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker

Sample ID: WALL 131 @ 2' (H211935-07)

BTEX 8021B	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/23/2021	ND	1.91	95.7	2.00	6.25	
Toluene*	<0.050	0.050	07/23/2021	ND	2.05	102	2.00	7.08	
Ethylbenzene*	<0.050	0.050	07/23/2021	ND	1.97	98.4	2.00	6.00	
Total Xylenes*	<0.150	0.150	07/23/2021	ND	5.85	97.5	6.00	6.93	
Total BTEX	<0.300	0.300	07/23/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	108 9	% 69.9-14	0						
Chloride, SM4500CI-B	mg/	'kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	07/23/2021	ND	400	100	400	7.69	
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	07/24/2021	ND	218	109	200	2.44	
DRO >C10-C28*	<10.0	10.0	07/24/2021	ND	205	103	200	2.58	
EXT DRO >C28-C36	<10.0	10.0	07/24/2021	ND					
Surrogate: 1-Chlorooctane	75.6	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	74.3	% 38.9-14	2						

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keine



Analytical Results For:

BTA Oil Producers BOB HALL 103 South Pecos Midland TX, 79701

Fax To: (432) 683-0312

Received: 07/23/2021 Sampling Date: 07/19/2021 Reported: 07/26/2021 Sampling Type: Soil

Project Name: MESA B #5 Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker Project Number: NONE GIVEN

Project Location: LEA CO

Sample ID: WALL 132 @ 2' (H211935-08)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/23/2021	ND	1.91	95.7	2.00	6.25	
Toluene*	<0.050	0.050	07/23/2021	ND	2.05	102	2.00	7.08	
Ethylbenzene*	<0.050	0.050	07/23/2021	ND	1.97	98.4	2.00	6.00	
Total Xylenes*	<0.150	0.150	07/23/2021	ND	5.85	97.5	6.00	6.93	
Total BTEX	<0.300	0.300	07/23/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	104 9	69.9-14	0						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	07/23/2021	ND	400	100	400	7.69	
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	07/24/2021	ND	218	109	200	2.44	
DRO >C10-C28*	<10.0	10.0	07/24/2021	ND	205	103	200	2.58	
EXT DRO >C28-C36	<10.0	10.0	07/24/2021	ND					
Surrogate: 1-Chlorooctane	77.4	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	75.3	% 38.9-14	2						

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keine



Analytical Results For:

BTA Oil Producers
BOB HALL
103 South Pecos
Midland TX, 79701
Fax To: (432) 683-0312

 Received:
 07/23/2021
 Sampling Date:
 07/19/2021

 Reported:
 07/26/2021
 Sampling Type:
 Soil

Project Name: MESA B #5 Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Project Location: LEA CO

Sample ID: WALL 133 @ 2' (H211935-09)

BTEX 8021B	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/23/2021	ND	1.91	95.7	2.00	6.25	
Toluene*	<0.050	0.050	07/23/2021	ND	2.05	102	2.00	7.08	
Ethylbenzene*	<0.050	0.050	07/23/2021	ND	1.97	98.4	2.00	6.00	
Total Xylenes*	<0.150	0.150	07/23/2021	ND	5.85	97.5	6.00	6.93	
Total BTEX	<0.300	0.300	07/23/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	106	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	288	16.0	07/23/2021	ND	432	108	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/24/2021	ND	218	109	200	2.44	
DRO >C10-C28*	<10.0	10.0	07/24/2021	ND	205	103	200	2.58	
EXT DRO >C28-C36	<10.0	10.0	07/24/2021	ND					
Surrogate: 1-Chlorooctane	75.1	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	70.7	% 38.9-14	2						

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results related only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Kreine

Cardinal Laboratories



Analytical Results For:

BTA Oil Producers BOB HALL 103 South Pecos Midland TX, 79701

Fax To: (432) 683-0312

 Received:
 07/23/2021
 Sampling Date:
 07/19/2021

 Reported:
 07/26/2021
 Sampling Type:
 Soil

Project Name: MESA B #5 Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Project Location: LEA CO

Sample ID: WALL 134 @ 2' (H211935-10)

BTEX 8021B	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/23/2021	ND	1.91	95.7	2.00	6.25	
Toluene*	<0.050	0.050	07/23/2021	ND	2.05	102	2.00	7.08	
Ethylbenzene*	<0.050	0.050	07/23/2021	ND	1.97	98.4	2.00	6.00	
Total Xylenes*	<0.150	0.150	07/23/2021	ND	5.85	97.5	6.00	6.93	
Total BTEX	<0.300	0.300	07/23/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	07/23/2021	ND	432	108	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/24/2021	ND	218	109	200	2.44	
DRO >C10-C28*	<10.0	10.0	07/24/2021	ND	205	103	200	2.58	
EXT DRO >C28-C36	<10.0	10.0	07/24/2021	ND					
Surrogate: 1-Chlorooctane	75.1	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	69.5	% 38.9-14	22						

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keine



07/19/2021

Soil

Analytical Results For:

BTA Oil Producers BOB HALL 103 South Pecos Midland TX, 79701

Fax To: (432) 683-0312

Received: 07/23/2021 Sampling Date: Reported: 07/26/2021 Sampling Type:

Project Name: MESA B #5 Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker Project Number: NONE GIVEN

Project Location: LEA CO

Sample ID: WALL 130 @ 15' (H211935-11)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/23/2021	ND	1.91	95.7	2.00	6.25	
Toluene*	<0.050	0.050	07/23/2021	ND	2.05	102	2.00	7.08	
Ethylbenzene*	<0.050	0.050	07/23/2021	ND	1.97	98.4	2.00	6.00	
Total Xylenes*	<0.150	0.150	07/23/2021	ND	5.85	97.5	6.00	6.93	
Total BTEX	<0.300	0.300	07/23/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	108 9	69.9-14	0						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	07/23/2021	ND	432	108	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/24/2021	ND	218	109	200	2.44	
DRO >C10-C28*	<10.0	10.0	07/24/2021	ND	205	103	200	2.58	
EXT DRO >C28-C36	<10.0	10.0	07/24/2021	ND					
Surrogate: 1-Chlorooctane	80.9	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	76.5	% 38.9-14	2						

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keine



Notes and Definitions

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

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

** Samples not received at proper temperature of 6°C or below.

*** Insufficient time to reach temperature.

- Chloride by SM4500Cl-B does not require samples be received at or below 6°C

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

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results related only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celeg D. Freene

CARDINAL

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Maine. 0 1 1 01 Deadles	,	BILLIO			11A1 VOID DEOI!	
	P.(P.O. #:		,	ANALISIS REQUEST	E91
Address:	Co	Company: BTA				
City: State: Zip:		ni Rah Ha				7
Phone #: Fax #:		ess:			_	p. 1994
Project #: Project Owner:	City:	V:				
Project Name:	State:	•				
Project Location; Mesa B 5	Ph.	one #				
M /		TIOIG #.				
Sampler Name: 11110 th	Fax #:	*			_	_
FOR LAB USE ONLY	MATRIX	PRESERV. SAMPLING	lG			
Lab I.D. Sample I.D.	INERS DWATER /ATER		1	EX		
	OUND	D/BAS / COO HER :	= C	T		
100/1700 DV 806	GR WA SOI OIL	OTH	TIME	B		
2 0 0 0 T	~		X X	79		
		_	3:10 }	×		
125	×	-	DINS /	~		
1385		_	8:09 x x	×		
1 2000	. У	-	12:15	×		
11 13/02			X 41121	>		1
8 Wall 13282	-	13.4.6.1	1 1 86161	7		
1107	- ·		N 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	× ×		
PLEASE NOTE: Liability and Damagos. Cardinal's liability and client's archiving property.	(X	2.19.21	2:37 7 7	X		
analyses. All claims including those for negligence and any other cause whatsoever shall be deemed withed unless made in winding and received by Cardinal within 30 days after competen of the applicable service. In no event shall Cardinal be labele for incidental or consequented admages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or reliable to the anofhrmanne of services.	waived unless made in writing and receive limitation, business interruptions, loss of u	shall be limited to the amount paid b ad by Cardinal within 30 days after co ise, or loss of profits incurred by clies	amount paid by the client for the 30 days after completion of the applicable nourred by client, its subsidiaries,			
hed By: Date:	Received By:	upon any of the above stated reaso	Phone Result: Ye	□ No	Add'l Phone #:	
2	The second	THE PERSON NAMED IN COLUMN TWO	Fax Result:	No Ad	Add'l Fax #:	
Date:	Received By:	were de			Rush.	
Time:				Jam's Co		A MEN
Delivered By: (Circle One)	Sample Condition	CHECKED BY:	MAN DAM	0000000	1. () And () () () () () () () () () (10. 17.0
Sampler-UPS - Bus - Other: -1,2 #1/2		(Initials)				
† Cardinal cannot accept verbal changes. Please fax written changes to (575) 393-2326	written changes to (575)	393-2326				
	mirror changes to local	333-2320				

Page 14 of 15

CARDINAL

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: BTA 1011 PED duces	Sec BILL TO	ANAI VEIC
	P.O.#:	
Address:	Company: BTA	7
City: State:	zip: Attn: Pos.6 Ha	101
Phone #: Fax #:	Address:	
Project #: Project Owner:		
Project Name:	State: Zip:	
Project Location: MASA & S	#	
Sampler Name: William Land	Fax #:	
FOR LAB USE ONLY	MATRIX PRESERV.	SAMPLING
Lab I.D. Sample I.D.	R: BASE: COOL	C PH PEX
	# CON' GROUN WASTE SOIL OIL SLUDG OTHER ACID/B, ICE / CC OTHER	DATE TIME CO
11 wall 130 0.15	×	0.
cominges. Cardinals Hability and clien those for negligence and any other cardinal be liable for incidental or consequent of or related to the performance of	Its accusive remanly for any dairn arising whether based in contract or tort, shall be limited to the amount paic use whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days tental damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by of services hereunder by Cardinal, regardless of whether such dalm is based upon any of the above staked may services hereunder by Cardinal, regardless of whether such dalm is based upon any of the above staked may services hereunder by Cardinal, regardless of whether such dalm is based upon any of the above staked may service the contract of the co	unt paid by the client for the a star completion of the applicable ed by client, its subsidiaries, aled neasons or otherwise
2	Received By:	700 700 700
Relinquished By: Date:	Received By:	Michaelalnes @ alresoitfield solutions org
Delivered By: (Circle One)	Sample Condition CH	
Sampler - UPS - Bus - Other: - 1. 2 c	#//5 Aves Aves	Bush:
† Cardinal cannot accept verbal changes. Please fax written changes to (575) 393-2326	se fax written changes to (575) 393-2326	

Page 15 of 15

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

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 51508

CONDITIONS

Operator:	OGRID:
BTA OIL PRODUCERS, LLC	260297
104 S Pecos	Action Number:
Midland, TX 79701	51508
	Action Type:
	[C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
chensley	None	10/13/2021