District I 21625 N. French Dr., Hobbs, NM 88240 1811 S. First St., Artesia, NM 88210 District III 1000 Rio Brazos Road, Aztec, NM 87410 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-144 Revised April 3, 2017

For temporary pits, below-grade tanks, and multi-well fluid management pits, submit to the appropriate NMOCD District Office. For permanent pits submit to the Santa Fe Environmental Bureau office and provide a copy to the appropriate NMOCD District Office.

Pit, Below-Grade Tank, or

Proposed Alternative Method Permit or Closure Plan Application
Type of action:
Permit of a pit or proposed alternative method Closure of a pit, below-grade tank, or proposed alternative method
Closure of a pit, below-grade tank, or proposed alternative method Modification to an existing permit/or registration
CRW Closure plan only submitted for an existing permitted or non-permitted pit, below-grade tank,
or proposed alternative method
Instructions: Please submit one application (Form C-144) per individual pit, below-grade tank or alternative request
Please be advised that approval of this request does not relieve the operator of liability should operations result in pollution of surface water, ground water or the environment. Nor does approval relieve the operator of its responsibility to comply with any other applicable governmental authority's rules, regulations, or ordinance
1.
Operator:MoringStar Operating LLC OGRID #:330132
Address:400 West 7 TH Street Fort Worth, TX 76102
Facility or well name:Prichard Federal #006
API Number:30-045-27378 OCD Permit Number:
U/L or Qtr/Qtr B Section 06 Township 29N Range 08W County: San Juan
Center of Proposed Design: Latitude36.757225 Longitude107.712059 NAD83
Surface Owner: ☐ Federal ☐ State ☐ Private ☐ Tribal Trust or Indian Allotment
2.
Pit: Subsection F, G or J of 19.15.17.11 NMAC
Temporary: Drilling Workover
☐ Permanent ☐ Emergency ☐ Cavitation ☐ P&A ☐ Multi-Well Fluid Management ☐ Low Chloride Drilling Fluid ☐ yes ☐ no
☐ Lined ☐ Unlined Liner type: Thicknessmil ☐ LLDPE ☐ HDPE ☐ PVC ☐ Other
☐ String-Reinforced
Liner Seams: Welded Factory Other Volume: bbl Dimensions: Lx Wx D
3.
Below-grade tank: Subsection I of 19.15.17.11 NMAC
Volume:95bbl Type of fluid:Produced Water
Tank Construction material:Steel
☐ Secondary containment with leak detection ☐ Visible sidewalls, liner, 6-inch lift and automatic overflow shut-off
✓ Visible sidewalls and liner ☐ Visible sidewalls only ☐ Other
Liner type: Thicknessmil
4.
Alternative Method:
Submittal of an exception request is required. Exceptions must be submitted to the Santa Fe Environmental Bureau office for consideration of approval.
5.
Fencing: Subsection D of 19.15.17.11 NMAC (Applies to permanent pits, temporary pits, and below-grade tanks)
Chain link, six feet in height, two strands of barbed wire at top (Required if located within 1000 feet of a permanent residence, school, hospital,
institution or church) The control of the control
☐ Pour foot height, four straines of barbed wife evenly spaced between one and four feet ☐ Alternate. Please specify Per BLM Specifications
E Z Thermate. Trease specify 1 of DDM opermeations
Form C 144 Oil Conservation Division Page 1 of 6

Netting: Subsection E of 19.15.17.11 NMAC (Applies to pe	rmanent pits and permanent open top tanks)			
☑ Screen ☐ Netting ☐ Other				
☐ Monthly inspections (If netting or screening is not physically feasible)				
7. Signs: Subsection C of 19.15.17.11 NMAC ☐ 12"x 24", 2" lettering, providing Operator's name, site local contents of the	cation, and emergency telephone numbers			
Signed in compliance with 19.15.16.8 NMAC				
	sted, if not leave blank:	proval.		
9. Siting Criteria (regarding permitting): 19.15.17.10 NMA Instructions: The applicant must demonstrate compliance material are provided below. Siting criteria does not apply	for each siting criteria below in the application. Recomm	nendations of acceptable soi	urce	
General siting				
Ground water is less than 25 feet below the bottom of a lot - NM Office of the State Engineer - iWATERS date	ow chloride temporary pit or below-grade tank. tabase search; USGS; Data obtained from nearby w		s 🛛 No	
Ground water is less than 50 feet below the bottom of a T NM Office of the State Engineer - iWATERS database search		nagement pit. Yes	s 🗆 No	
Within incorporated municipal boundaries or within a define adopted pursuant to NMSA 1978, Section 3-27-3, as amende - Written confirmation or verification from the municipal within the section of the section of the sec		pal ordinance Yes	s 🗌 No	
Within the area overlying a subsurface mine. (Does not apple - Written confirmation or verification or map from the		☐ Yes	s 🗌 No	
 Within an unstable area. (Does not apply to below grade ta Engineering measures incorporated into the design; Society; Topographic map 	nks) NM Bureau of Geology & Mineral Resources; USGS; NM	Geological	s 🗌 No	
Within a 100-year floodplain. (Does not apply to below gra- FEMA map	de tanks)	☐ Ye	s 🗌 No	
Below Grade Tanks				
Within 100 feet of a continuously flowing watercourse, signs from the ordinary high-water mark). - Topographic map; Visual inspection (certification) of		ike (measured Ye	s 🛛 No	
Within 200 horizontal feet of a spring or a fresh water well v - NM Office of the State Engineer - iWATERS database	used for public or livestock consumption. ase search; Visual inspection (certification) of the propose		s 🛛 No	
Temporary Pit using Low Chloride Drillin	g Fluid (maximum chloride content 15,000 mg/lite	er)	24.1	
Within 100 feet of a continuously flowing watercourse, or an or playa lake (measured from the ordinary high-water mark) - Topographic map; Visual inspection (certification) or	. (Applies to low chloride temporary pits.)	lakebed, sinkhole,	s No	
Within 300 feet from a occupied permanent residence, school application. - Visual inspection (certification) of the proposed site		f initial Ye	s 🗌 No	
	*			
Within 200 horizontal feet of a spring or a private, domestic watering purposes, or 300feet of any other fresh water well on NM Office of the State Engineer - iWATERS database search	or spring, in existence at the time of the initial application.	nestic or stock	es 🗌 No	
Form C-144	Oil Conservation Division	Page 2 of 6	Bo	

adopted pursuant to NMSA 1978, Section 3-27-3, as ame					
- Written confirmation or verification from the mu	inicipality; Written approval obtained from	the municipality	Yes No		
Within the area overlying a subsurface mine. - Written confirmation or verification or map from the NM EMNRD-Mining and Mineral Division ☐ Yes ☐ No					
Within an unstable area. - Engineering measures incorporated into the design; NM Bureau of Geology & Mineral Resources; USGS; NM Geological Society; Topographic map Yes □ No					
Within a 100-year floodplain.					
- FEMA map			☐ Yes ☐ No		
On-Site Closure Plan Checklist: (19.15.17.13 NMAC) Instructions: Each of the following items must be attached to the closure plan. Please indicate, by a check mark in the box, that the documents are attached. Siting Criteria Compliance Demonstrations - based upon the appropriate requirements of 19.15.17.10 NMAC Proof of Surface Owner Notice - based upon the appropriate requirements of Subsection E of 19.15.17.13 NMAC Construction/Design Plan of Burial Trench (if applicable) based upon the appropriate requirements of Subsection K of 19.15.17.11 NMAC Construction/Design Plan of Temporary Pit (for in-place burial of a drying pad) - based upon the appropriate requirements of 19.15.17.13 NMAC Protocols and Procedures - based upon the appropriate requirements of 19.15.17.13 NMAC Confirmation Sampling Plan (if applicable) - based upon the appropriate requirements of 19.15.17.13 NMAC Waste Material Sampling Plan - based upon the appropriate requirements of 19.15.17.13 NMAC Disposal Facility Name and Permit Number (for liquids, drilling fluids and drill cuttings or in case on-site closure standards cannot be achieved) Soil Cover Design - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC Re-vegetation Plan - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC					
Operator Application Certification: I hereby certify that the information submitted with this	application is true, accurate and complete	to the best of my knowledge and b	elief.		
Name (Print):	Title:				
Signature:	Date:				
e-mail address:	Telephone:				
OCD Approval: Permit Application (including close					
OCD Representative Signature:	rhead	Approval Date: Jur	e 18, 2021		
Title: Environmental Specialist	OCD Permit N				
Closure Report (required within 60 days of closure constructions: Operators are required to obtain an approved to submitted to the dissection of the form until an approved closure plan has	oved closure plan prior to implementing vision within 60 days of the completion of been obtained and the closure activities h	the closure activities. Please do i	ng the closure report. not complete this		
20.					
Closure Method: ☐ Waste Excavation and Removal ☐ On-Site Closure If different from approved plan, please explain.	ure Method	thod Waste Removal (Closed	-loop systems only)		
Closure Report Attachment Checklist: Instructions: mark in the box, that the documents are attached. Proof of Closure Notice (surface owner and divising Proof of Deed Notice (required for on-site closure) Plot Plan (for on-site closures and temporary pits) Confirmation Sampling Analytical Results (if approximate) Waste Material Sampling Analytical Results (required) Disposal Facility Name and Permit Number Soil Backfilling and Cover Installation Re-vegetation Application Rates and Seeding Tectors Site Reclamation (Photo Documentation) On-site Closure Location: Latitude36.75722	ion) e for private land only)) olicable) uired for on-site closure)	ched to the closure report. Please	indicate, by a check		
On-site Closure Location: Latitude36.75722	5Longitude107.712059	NAD:	□1927 🖾 1983		
Form C-144	Oil Conservation Division	Page	5 of 6		

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Vanessa Fields

From:

Denise Casaus <dcasaus@mspartners.com>

Sent:

Monday, January 25, 2021 9:35 AM

To:

Eric Thomas; Vanessa Fields

Cc:

John Hampton

Subject:

FW: EXTERNAL: Closed BGT on the [30-045-27378] PRICHARD FEDERAL #006 location

fyi

Thank you,

Denise Casaus

Production Analyst



MorningStar Operating LLC.

811 S. Main Avenue Mailing address: P.O. Box 820 Aztec, New Mexico 87410 (505)333-4869 ext:1102

From: Smith, Cory, EMNRD < Cory. Smith@state.nm.us>

Sent: Monday, January 25, 2021 9:32 AM

To: Denise Casaus <dcasaus@mspartners.com>

Cc: Kelly, Jonathan, EMNRD < Jonathan. Kelly@state.nm.us>

Subject: RE: EXTERNAL: Closed BGT on the [30-045-27378] PRICHARD FEDERAL #006 location

This email contains a link!

This email contains a World Wide Web link. Use caution when following links as they could open malicious web sites.

- Helpdesk

Denise,

OCD has reviewed Morning Stars request to collect a collect 1 (5-point) augured composite sample from a depth of 8' or the first interval that contains signs of a release under the ABV where the below grade tank was previously set. Please provide the 72 hour notification to the NMOCD and Surface owner. PLEASE make sure to include in your Notice that your collected a Auger sample due to the previous BGT being closed without a sample.

Please submit your closure report to the OCD no later then March 26, 2021.

Thank you,

Cory Smith • Environmental Specialist

Environmental Bureau
EMNRD - Oil Conservation Division
1000 Rio Brazos | Aztec, NM 87410
505.334.6178 x115 | Cory.Smith@state.nm.us
http://www.emnrd.state.nm.us/OCD/

From: Denise Casaus < dcasaus@mspartners.com >

Sent: Monday, January 25, 2021 9:25 AM

To: Kelly, Jonathan, EMNRD < Jonathan. Kelly@state.nm.us>

Cc: Smith, Cory, EMNRD < Cory. Smith@state.nm.us>

Subject: [EXT] RE: EXTERNAL: Closed BGT on the [30-045-27378] PRICHARD FEDERAL #006 location

Can you send me the WO Compliance form? Or is there going to be one?

Thank you,

Denise Casaus Production Analyst



MorningStar Operating LLC.

811 S. Main Avenue Mailing address: P.O. Box 820 Aztec, New Mexico 87410 (505)333-4869 ext:1102

From: Kelly, Jonathan, EMNRD < Jonathan. Kelly@state.nm.us >

Sent: Monday, January 25, 2021 9:19 AM

To: Denise Casaus < dcasaus@mspartners.com ccasaus@mspartners.com <a href="mailt

Subject: RE: EXTERNAL: Closed BGT on the [30-045-27378] PRICHARD FEDERAL #006 location

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This email contains a World Wide Web link. Use caution when following links as they could open malicious yeb sites.

- Helpdesk

Good morning,

To assist with tracking, I have opened compliance case cJK212533304, compliance is due 4/22/2021.

Please email me notification with PO reference number once the required C-144 Closure has been submitted to help expedite compliance closure. All well related correspondence must include the API number to the referenced location, any received compliance emails that do not include the API number will not be accepted for Compliance closure. If you have any questions regarding any of the above items, please do not hesitate to contact me. Please address all questions regarding C-144 BGT Closure requirements to District III Environmental Specialist Cory Smith.

Vanessa Fields

From:

Smith, Cory, EMNRD < Cory. Smith@state.nm.us>

Sent:

Monday, March 22, 2021 4:08 PM

To:

Vanessa Fields

Subject:

RE: 72 hour Tuesday March 9th 9:00 am notification auguring/ sampling

[30-045-27378] PRICHARD FEDERAL #006

Vanessa,

Thanks for the update.

Cory Smith • Environmental Specialist

Environmental Bureau
EMNRD - Oil Conservation Division
1000 Rio Brazos | Aztec, NM 87410
505.334.6178 x115 | Cory.Smith@state.nm.us
http://www.emnrd.state.nm.us/OCD/

From: Vanessa Fields <vanessa@walsheng.net>

Sent: Monday, March 22, 2021 3:59 PM

To: Smith, Cory, EMNRD <Cory.Smith@state.nm.us>; Joyner, Ryan N <rjoyner@blm.gov>

Cc: John Hampton < JHampton@ctfieldsvcs.com >; Denise Casaus < dcasaus@mspartners.com >; Eric Thomas

<EThomas@ctfieldsvcs.com>

Subject: [EXT] RE: 72 hour Tuesday March 9th 9:00 am notification auguring/sampling [30-045-27378] PRICHARD

FEDERAL #006

Good afternoon,

Please find attached the final analytical results for the Pritchard Federal #006. All analytical results were non-detect.

The final C-144 will be submitted to the NMOCD through E-Permitting.

Thank you,

Vanessa Fields

Regulatory Compliance Manager Walsh Engineering /Epic Energy LLC.

O: 505-327-4892 C: 505-787-9100

vanessa@walsheng.net

From: Vanessa Fields

Sent: Friday, March 5, 2021 8:32 AM

To: Smith, Cory, EMNRD <Cory.Smith@state.nm.us>; Joyner, Ryan N <rioyner@blm.gov>

Cc: John Hampton < JHampton@ctfieldsvcs.com >; Denise Casaus < dcasaus@mspartners.com >; Eric Thomas

<EThomas@ctfieldsvcs.com>

Subject: RE: 72 hour Tuesday March 9th 9:00 am notification auguring/sampling [30-045-27378] PRICHARD FEDERAL #006

Thank you Cory.

Vanessa Fields

Regulatory Compliance Manager Walsh Engineering /Epic Energy LLC.

O: 505-327-4892 C: 505-787-9100 vanessa@walsheng.net

From: Smith, Cory, EMNRD < Cory.Smith@state.nm.us>

Sent: Friday, March 5, 2021 8:26 AM

To: Vanessa Fields <<u>vanessa@walsheng.net</u>>; Joyner, Ryan N <<u>rjoyner@blm.gov</u>>

Cc: John Hampton < JHampton@ctfieldsvcs.com >; Denise Casaus < dcasaus@mspartners.com >; Eric Thomas

<EThomas@ctfieldsvcs.com>

Subject: RE: 72 hour Tuesday March 9th 9:00 am notification auguring/sampling [30-045-27378] PRICHARD FEDERAL

#006

Vanessa,

Thank you for the sampling notice. For the BGT closure notification at the Prichard federal #6 for March 9, 2021 at 9AM. IF an OCD representative is not onsite please sample per the below approved sampling plan.

Please include the approved sampling plan/notice in your final C-144 Report.

Thank you,

Cory Smith • Environmental Specialist

Environmental Bureau
EMNRD - Oil Conservation Division
1000 Rio Brazos | Aztec, NM 87410
505.334.6178 x115 | Cory.Smith@state.nm.us

http://www.emnrd.state.nm.us/OCD/

From: Vanessa Fields <vanessa@walsheng.net>

Sent: Thursday, March 4, 2021 2:26 PM

To: Smith, Cory, EMNRD <Cory.Smith@state.nm.us>; Joyner, Ryan N <rjoyner@blm.gov>

Cc: John Hampton JHampton@ctfieldsvcs.com>; Denise Casaus <dcasaus@mspartners.com>; Eric Thomas

<EThomas@ctfieldsvcs.com>

Subject: [EXT] RE: 72 hour Tuesday March 9th 9:00 am notification auguring/sampling [30-045-27378] PRICHARD

FEDERAL #006

Good afternoon everyone,

Walsh Engineering on behalf of MorningStar Operating L.L.C. is providing 72 hour notification for auguring sampling Tuesday March 9th 9:00 am.

Released to Imaging: 6/18/2021 9:54:16 AM

Thank you, Vanessa Fields Regulatory Compliance Manager Walsh Engineering /Epic Energy LLC. O: 505-327-4892

C: 505-787-9100 vanessa@walsheng.net

Denise,

OCD has reviewed Morning Stars request to collect a collect 1 (5-point) augured composite sample from a depth of 8' or the first interval that contains signs of a release under the ABV where the below grade tank was previously set. Please provide the 72 hour notification to the NMOCD and Surface owner. PLEASE make sure to include in your Notice that your collected a Auger sample due to the previous BGT being closed without a sample.

Please submit your closure report to the OCD no later then March 26, 2021.

Thank you,

Cory Smith ● Environmental Specialist
Environmental Bureau
EMNRD - Oil Conservation Division
1000 Rio Brazos | Aztec, NM 87410
505.334.6178 x115 | Cory.Smith@state.nm.us
http://www.emnrd.state.nm.us/OCD/

From: Denise Casaus <dcasaus@mspartners.com>

Sent: Monday, January 25, 2021 9:25 AM

To: Kelly, Jonathan, EMNRD < Jonathan. Kelly@state.nm.us>

Cc: Smith, Cory, EMNRD < Cory. Smith@state.nm.us >

Subject: [EXT] RE: EXTERNAL: Closed BGT on the [30-045-27378] PRICHARD FEDERAL #006 location

Can you send me the WO Compliance form? Or is there going to be one?

Thank you,

Denise Casaus
Production Analyst



MorningStar Operating LLC. 811 S. Main Avenue Mailing address: P.O. Box 820 Aztec, New Mexico 87410 (505)333-4869 ext:1102

From: Kelly, Jonathan, EMNRD < Jonathan. Kelly@state.nm.us>

Sent: Monday, January 25, 2021 9:19 AM

To: Denise Casaus dcasaus@mspartners.com Cc: Smith, Cory, EMNRD < Cory. Smith@state.nm.us>

Subject: RE: EXTERNAL: Closed BGT on the [30-045-27378] PRICHARD FEDERAL #006 location

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Released to Imaging: 6/18/2021 9:54:16 AM

Good morning,

To assist with tracking, I have opened compliance case cJK212533304, compliance is due 4/22/2021.

Please email me notification with PO reference number once the required C-144 Closure has been submitted to help expedite compliance closure. All well related correspondence must include the API number to the referenced location, any received compliance emails that do not include the API number will not be accepted for Compliance closure If you have any questions regarding any of the above items, please do not hesitate to contact me. Please address all questions regarding C-144 BGT Closure requirements to District III Environmental Specialist Cory Smith.

For field compliance issues that may be delayed due to the public health emergency please contact your OCD field representative prior to the expiration date and request an extension. Include the reason for the delay and the estimated extension timeframe being requested.

Thank you,

Jonathan D. Kelly **Compliance Officer** Oil Conservation Division Energy, Minerals, & Natural Resources 1000 Rio Brazos, Aztec, NM 87410 (505) 320-0701 jonathan.kelly@state.nm.us

From: Denise Casaus dcasaus@mspartners.com>

Sent: Monday, January 25, 2021 8:48 AM

To: Kelly, Jonathan, EMNRD < Jonathan. Kelly@state.nm.us>

Cc: Smith, Cory, EMNRD < Cory. Smith@state.nm.us>

Subject: [EXT] RE: EXTERNAL: Closed BGT on the [30-045-27378] PRICHARD FEDERAL #006 location

Good morning,

After an internal review was conducted, it was determined that the previous BGT was removed and final confirmation samples were not collected and closed with accordance of 19.15.17.

MorningStar Operating L.L.C is respectfully requesting to collect 1 (5-point) augured composite sample from a depth of 8' or the first interval that contains signs of a release under the ABV where the below grade tank was previously set. 72 hour notification will be provided to the NMOCD and Surface owner.

All closure criteria will be in accordance with 19.15.17 and provided in the Final C-144.

Due to the adverse weather conditions MorningStar Operating L.L.C is requesting 60 days to complete the referenced sampling and submittal of the final C-144.

Thank you,

Denise Casaus Production Analyst



MorningStar Operating LLC.

811 S. Main Avenue Mailing address: P.O. Box 820 Aztec, New Mexico 87410 (505)333-4869 ext:1102

From: Kelly, Jonathan, EMNRD < <u>Jonathan.Kelly@state.nm.us</u>>

Sent: Friday, January 22, 2021 10:03 AM

To: Denise Casaus < dcasaus@mspartners.com Cc: Smith, Cory, EMNRD < Cory.smith@state.nm.us

Subject: EXTERNAL:Closed BGT on the [30-045-27378] PRICHARD FEDERAL #006 location

Good morning,

A well file review of the [30-045-27378] PRICHARD FEDERAL #006 location found a C-144 BGT Closure Plan Only Permit was filed in 2008, no C-144 BGT Closure Report in well file as of 1/22/2021 review. Location as of the last inspection on 10/9/2020 has an open top steel AGT. Review of NMOCD inspection records found that the 2007 NMOCD inspection indicates that the location had a sub-grade tank with the inspector noting that they would contact Energen. Review of historic aerials found that the BGT that was closed appears to be where the current tank is based off 2005 aerial showing a more defined containment versus the 2009 and newer aerials indicating a greater containment depth. Please review records and work with District III Environmental Specialist Cory Smith for closing out BGT as required by 19.15.17 NMAC.

Thank you,

Jonathan D. Kelly Compliance Officer Oil Conservation Division Energy, Minerals, & Natural Resources 1000 Rio Brazos, Aztec, NM 87410

From: Kelly, Jonathan, EMNRD < Jonathan. Kelly@state.nm.us>

Sent: Friday, January 22, 2021 10:03 AM

To: Denise Casaus < dcasaus@mspartners.com Cc: Smith, Cory, EMNRD < Cc: Smith, cory, EMNRD < cory.smith@state.nm.us <a href="mailto:cory.smith@state.nm.u

Subject: EXTERNAL:Closed BGT on the [30-045-27378] PRICHARD FEDERAL #006 location

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Thank you,

Jonathan D. Kelly
Compliance Officer
Oil Conservation Division
Energy, Minerals, & Natural Resources
1000 Rio Brazos, Aztec, NM 87410
(505) 320-0701
jonathan.kelly@state.nm.us

For field compliance issues that may be delayed due to the public health emergency please contact your OCD field representative prior to the expiration date and request an extension. Include the reason for the delay and the estimated extension timeframe being requested.

Thank you,

Jonathan D. Kelly
Compliance Officer
Oil Conservation Division
Energy, Minerals, & Natural Resources
1000 Rio Brazos, Aztec, NM 87410
(505) 320-0701
jonathan.kelly@state.nm.us

From: Denise Casaus < dcasaus@mspartners.com>

Sent: Monday, January 25, 2021 8:48 AM

To: Kelly, Jonathan, EMNRD < <u>Jonathan.Kelly@state.nm.us</u>> Cc: Smith, Cory, EMNRD < <u>Cory.Smith@state.nm.us</u>>

Subject: [EXT] RE: EXTERNAL: Closed BGT on the [30-045-27378] PRICHARD FEDERAL #006 location

Good morning,

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Thank you,

Denise Casaus
Production Analyst



MorningStar Operating LLC. 811 S. Main Avenue Mailing address: P.O. Box 820 Aztec, New Mexico 87410

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

			Resp	UIISI	oic I ai ty	
Responsible Party MorningStar Operating LLC			OGRID 33	0132		
Contact Name Vanessa Fields			Contact Tel	ephone 505-787-9100		
Contact email v	/anessa@v	valsheng.net			Incident # (assigned by OCD) N/A
Contact mailing 87402	g address 7	7415 East Main St	reet Farmington, 1	MM		
			Location	of R	elease So	urce
Latitude 36.757	7225		(NAD 83 in dec		Longitude - grees to 5 decima	107.712059 al places)
Site Name Fed	leral E #00	2R			Site Type G	as
Date Release Di	iscovered ?	N/A NONE			API# (if appl	icable) 30-045-27378
Unit Letter	Section	Township	Danga		Count	7/
	06	29N	Range 08W	San	Juan	y
B 00 29N 08W San Juan						
Surface Owner: State Federal Tribal Private (Name:)						
Nature and Volume of Release Material(s) Released (Select all that apply and attach calculations or specific justification for the volumes provided below)						
Crude Oil Volume Released (bbls)				Volume Recovered (bbls)		
Produced Water Volume Released (bbls)				Volume Recovered (bbls)		
Is the concentration of dissolved chloride in produced water >10,000 mg/l?		e in the	☐ Yes ☐ No			
Condensate		Volume Release	d (bbls)			Volume Recovered (bbls)
☐ Natural Gas Volume Released (Mcf)			Volume Recovered (Mcf)			
Other (descr	ribe)	Volume/Weight	Released (provide	e units))	Volume/Weight Recovered (provide units)

Cause of Release: Analytical results for Benzene were Non-Detect, Total BTEX was Non-Detect. DRO was non-detect ORO

was Non-Detect, GRO was Non-Detect, chloride levels were non-detect demonstrating a release did not occur.

Received by OCD: 3/31/2021 1:28:57 PM



State of New Mexico Oil Conservation Division

Incident ID	
District RP	
Facility ID	
Application ID	

Was this a major release as defined by 19.15.29.7(A) NMAC?	If YES, for what reason(s) does the respons	sible party consider this a major release?
☐ Yes ⊠ No		
If YES, was immediate n	otice given to the OCD? By whom? To who	om? When and by what means (phone, email, etc.)?
	Initial Re	esponse
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	as been secured to protect human health and t	the environment.
Released materials ha	ave been contained via the use of berms or di	ikes, absorbent pads, or other containment devices.
All free liquids and r	recoverable materials have been removed and	I managed appropriately.
If all the actions describe	ed above have <u>not</u> been undertaken, explain w	vny:
has begun, please attach	a narrative of actions to date. If remedial e	emediation immediately after discovery of a release. If remediation efforts have been successfully completed or if the release occurred clease attach all information needed for closure evaluation.
regulations all operators are public health or the environ failed to adequately investig	e required to report and/or file certain release notifument. The acceptance of a C-141 report by the Ogate and remediate contamination that pose a threa	best of my knowledge and understand that pursuant to OCD rules and 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
Printed Name:Vanes	ssa Fields	Title: _Agent Regulatory Compliance Manager
Signature:	X	Date:3/25/2021
email:vanessa@wa	lsheng.net	
OCD Only		
Received by:		Date:



State of New Mexico Oil Conservation Division

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

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.

A scaled site and sampling diagram as described in 19	0.15.29.11 NMAC
Photographs of the remediated site prior to backfill or must be notified 2 days prior to liner inspection)	r photos of the liner integrity if applicable (Note: appropriate OCD District office
Laboratory analyses of final sampling (Note: appropri	iate ODC 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 fi may endanger public health or the environment. The accept should their operations have failed to adequately investigate human health or the environment. In addition, OCD accept compliance with any other federal, state, or local laws and/or restore, reclaim, and re-vegetate the impacted surface area accordance with 19.15.29.13 NMAC including notification Printed Name: Vanessa Fields	d complete to the best of my knowledge and understand that pursuant to OCD rules ille certain release notifications and perform corrective actions for releases which stance of a C-141 report by the OCD does not relieve the operator of liability e and remediate contamination that pose a threat to groundwater, surface water, tance of a C-141 report does not relieve the operator of responsibility for or regulations. The responsible party acknowledges they must substantially to the conditions that existed prior to the release or their final land use in to the OCD when reclamation and re-vegetation are complete. Citle: _Agent Regulatory Compliance Manager
email: _vanessa@walsheng.net	Telephone:505-787-9100
OCD Only	
Received by:	Date:
	ble party of liability should their operations have failed to adequately investigate and surface water, human health, or the environment nor does not relieve the responsible aws and/or regulations.
Closure Approved by:	Date:
Printed Name:	Date: Title:
) A	
need to the second of the seco	
wece West	

Below Grade Tank Closure Plan

Pritchard Federal #006

U/L: B, Section 06, TWN: 29N. RNG: 08W

San Juan County, New Mexico

As stipulated in Rule 19.15.17.13 NMAC, the following information adheres to the requirements established in closing below-grade tanks (BGTs) on MorningStar Operating LLC well sites. This plan will address the standard protocols and procedures for closure of BGTs.

MorningStar Operating LLC proposes to close its existing BGTs that do not meet the requirements of Paragraphs (1) through (4) of Subsection I of 19.15.17.11 NMAC or are not included in Paragraph (5) of Subsection I of 19.15.17.11 NMAC in accordance with this closure plan and the transitional provisions of Subsection E of 19.15.17.17 NMAC.

The following outline addresses all requirements for closure of MorningStar Operating LLCBGTs:

- 1.Prior notification of MorningStar Operating LLC intent to close the BGT will follow 19.15.17.13J (I) and (2).
 - a. MorningStar Operating LLC will notify the surface owner by certified mail, return receipt requested, of closure plans. Evidence of mailing of the notice to the address of the surface owner shown in the county tax records is enough to demonstrate compliance with this requirement.
 - b. Notification will also be given to the division District III office verbally or by other means at least 72 hours, but not more than one (1) week, prior to any closure operation. The notice will include the operator's name and the well's name, number, and API number, in addition to the well's legal description, including the unit letter, section, township, and range.

Notification was provided to the NMOCD District III office & BLM. Attached is a copy of the notification.

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2.MORNINGSTAR OPERATING LLC will remove liquids and sludge from the BGT prior to implementing a closure method and dispose of the liquids and sludge in a NMOCD's division-approved facility. A list of MorningStar Operating LLC approved disposal facilities is below:

Fluid disposal:

Agua Moss

Sunco well #1

U/L=E, SWNW, Section 2, T29N-RI2W San Juan, New Mexico

Permit #NM-01-0009

Basin Disposal Inc.

Basin Disposal well #1

U/L=F, SWNW, Section 3, T29N-RI 1 W San Juan, New Mexico

Permit #NM-01-0005

Solid disposal: Envirotech Land Farm

Disposal Facility

Section 6, T26N-R10W, County Road #7175 San Juan, New Mexico

Permit #NM-01-0011

3.MORNINGSTAR OPERATING LLC will remove the BGT from the pit and place it at ground level adjacent to the original BGT site and dispose of it in a NMOCD approved facility or recycle, reuse, or reclaim it in a manner that the NMOCD approved. If a liner is present and must be disposed of it will be cleaned and disposed at a permitted solid waste facility, pursuant to Subparagraph (m) of Paragraph (1) of Subsection C of 19.15.35.8 NMAC.

A Closure plan nor Below Grade Tank registration was never submitted for the referenced below grade tanks that are referenced in the compliance issue, nor were they closed in accordance with 19.15.17.

Walsh Engineering on behalf of Morningstar Operating LLC. received approval in attached email requesting to collect 1 (5-point) augured composite sample from a depth of 8'or the first interval that contains signs of a release under each of the production tanks that were set above grade surface where the below grade tanks were previously set. 72-hour notification will be provided to the NMOCD and Surface owner; all closure criteria will be in accordance with 19.15.17 and provided in the Final C-144.

Notification was provided to the NMOCD District III office & BLM. Attached is a copy of the notification.

4. MorningStar Operating LLC will hook up necessary equipment and piping for temporary tank use. At this time, any on-site equipment not necessary to the operation of the tank will be removed from the site.

All Equipment associated with the below Grade Tank removal was removed. An above ground tank was installed in the same area where the below grade tank was removed. Walsh Engineering collected 1 (5-point) augured composite sample from a depth of 8'or the first interval that contains signs of a release under each of the production tanks that were set above grade surface where the below grade tanks were previously set. No Evidence of hydrocarbons were noted during the auguring process and a composite sample was collected at the 8-foot interval.

5.MorningStar Operating LLC will test the soils beneath the original BGT location to determine whether a release has occurred. At a minimum, a five (5) point composite sample will be collected in addition to individual grab samples from areas that are wet, discolored, or showing other evidence of a release. The samples will be analyzed for BTEX, TPH (GRO DRO MRO, and chlorides to demonstrate that they do not exceed certain concentrations. The testing methods and closure standards for those constituents are as follows:

Analytical results for Benzene were Non-Detect, Total BTEX was Non-Detect. DRO was Non-Detect mg/kg ORO was Non-Detect, GRO was Non-Detect, chloride levels were Non-Detect demonstrating a release did not occur.

Table I							
Closure Criteria for Soils Impacted by a Release							
Minimum depth below any point within the horizontal boundary of the release to ground water less than 10,000 mg/l TDS	Constituent	Method*	Limit**				
≤ 50 feet	Chloride***	EPA 300.0 or SM4500 Cl B	600 mg/kg				
	TPH (GRO+DRO+MRO)	EPA SW-846 Method 8015M	100 mg/kg				
	BTEX	EPA SW-846 Method 8021B or 8260B	50 mg/kg				
	Benzene	EPA SW-846 Method 8021B or 8260B	10 mg/kg				
51 feet-100 feet	Chloride***	EPA 300.0 or SM4500 Cl B	10,000 mg/kg				
	TPH (GRO+DRO+MRO)	EPA SW-846 Method 8015M	2,500 mg/kg				
	GRO+DRO	EPA SW-846 Method 8015M	1,000 mg/kg				
	BTEX	EPA SW-846 Method 8021B or 8260B	50 mg/kg				
	Benzene	EPA SW-846 Method 8021B or 8260B	10 mg/kg				
>100 feet	Chloride***	EPA 300.0 or SM4500 Cl B	20,000 mg/kg				
	TPH (GRO+DRO+MRO)	EPA SW-846 Method 8015M	2,500 mg/kg				
	GRO+DRO	EPA SW-846 Method 8015M	1,000 mg/kg				
	BTEX	EPA SW-846 Method 8021B or 8260B	50 mg/kg				
	Benzene	EPA SW-846 Method 8021B or 8260B	10 mg/kg				

Notes: mg/Kg= milligram per kilogram; BTEX = benzene, toluene, ethylbenzene, and total xylenes; TPH = total petroleum hydrocarbons. Other EPA methods that the division approves may be applied to all constituents listed. The Chlorides closure standards will be determined by whichever concentration level is greatest.

6.MorningStar Operating LLC will notify the division District III office of the soil test results on Form C-14 I. It is understood that the NMOCD may require additional delineation upon review of the results.

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7. If it is determined that a release has occurred, then MorningStar Operating LLC will comply with 19.15.3.116 NMAC and 19.15.1.19 NMAC, as appropriate.

Analytical results for Benzene were Non-Detect, Total BTEX was Non-Detect. DRO was Non-Detect mg/kg ORO was Non-Detect, GRO was Non-Detect, chloride levels were Non-Detect demonstrating a release did not occur.

8. If the confirmation sampling demonstrates that a release has not occurred or that any release does not exceed the concentrations specified above, then MorningStar Operating LLC will backfill the excavation with compacted, non-waste containing, earthen material; construct a division prescribed soil cover; re-contour the site; and move the fiberglass tank onto the newly backfilled and compacted site. The division-prescribed soil cover, re-contouring, and re-vegetation requirements shall comply with Subsections G, H, and I of 19.15.17.13 NMAC.

The area has been backfilled and placed with a above ground tank. The area will be reclaimed once the well has been plugged and abandoned.

9. Reclamation will follow 19.15.17.130 (1) and (2).

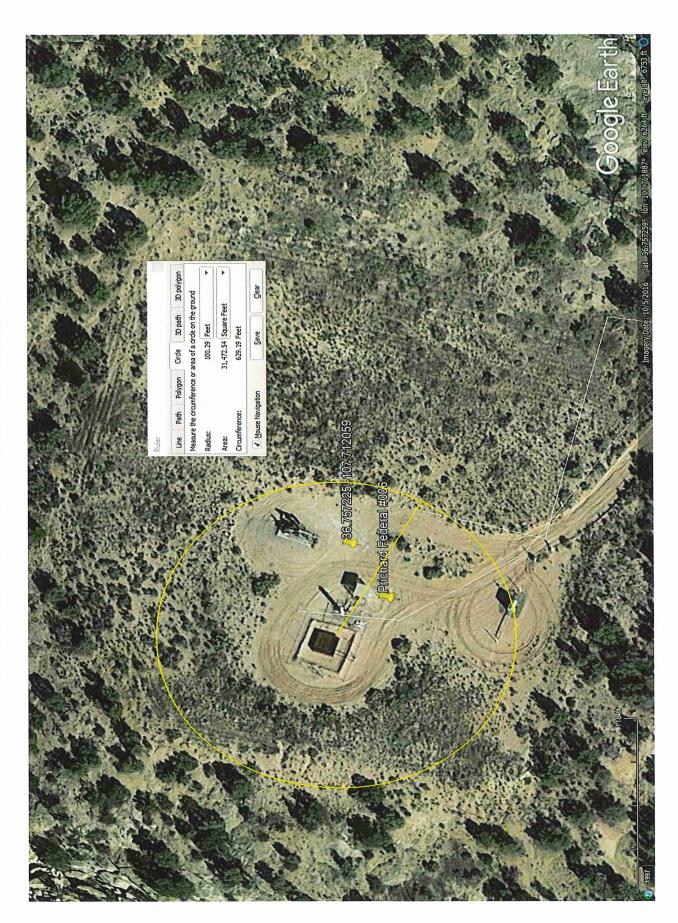
- a. The BGT location and all areas associated with the BGT, including associated access roads, if applicable, will be reclaimed to a safe and stable condition that blends with the surrounding undisturbed area. It is understood that MorningStar Operating LLC shall substantially restore the impacted surface area to the condition that existed prior to oil and gas operations by placement of the soil cover as provided in Subsection H of 19 .15 .1 7 .13 NMA C and re-contour the location and associated areas to a contour that approximates the original contour and blends with the surrounding topography.
- b. Re-vegetation will not be completed at the time the BGT pit is reclaimed but will instead be applied for as part of the P&A process when the well is plugged and abandoned. 10.Soil cover will follow 19.15.17.13H (1) and (3).
 - a. The soil cover for closures where the BGT has been removed or contaminated soil has been remediated to the NMOCD's satisfaction will consist of the background thickness of topsoil or one (1) foot of suitable material to establish vegetation at the site, whichever is greater.

b. The soil cover will be constructed to the site's existing grade, and all possible efforts will be conducted to prevent ponding of water and erosion of the cover material.

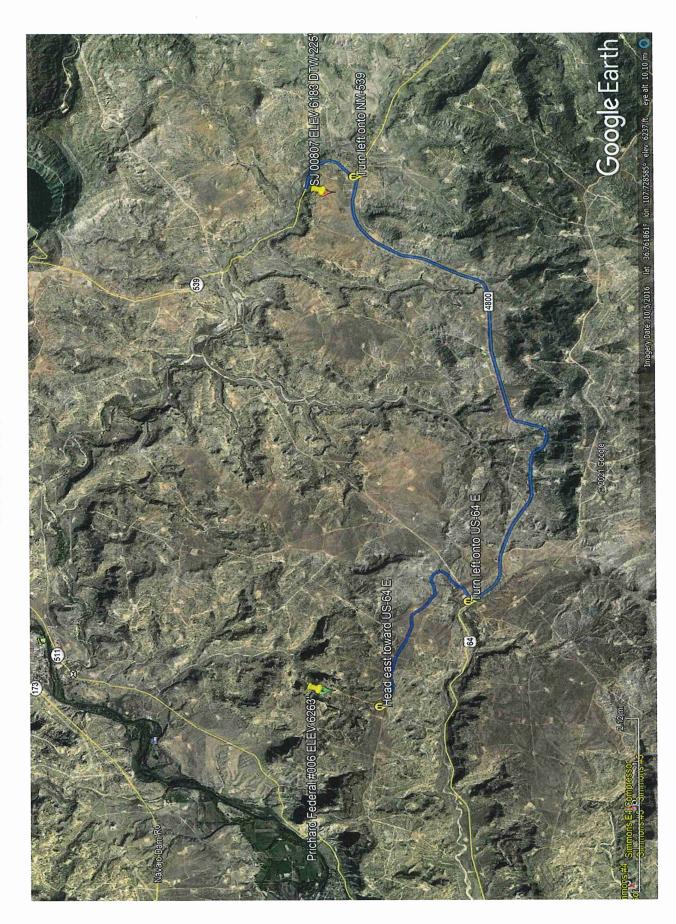
The area has been backfilled and placed with a above ground tank. The area will be reclaimed once the well has been plugged and abandoned.

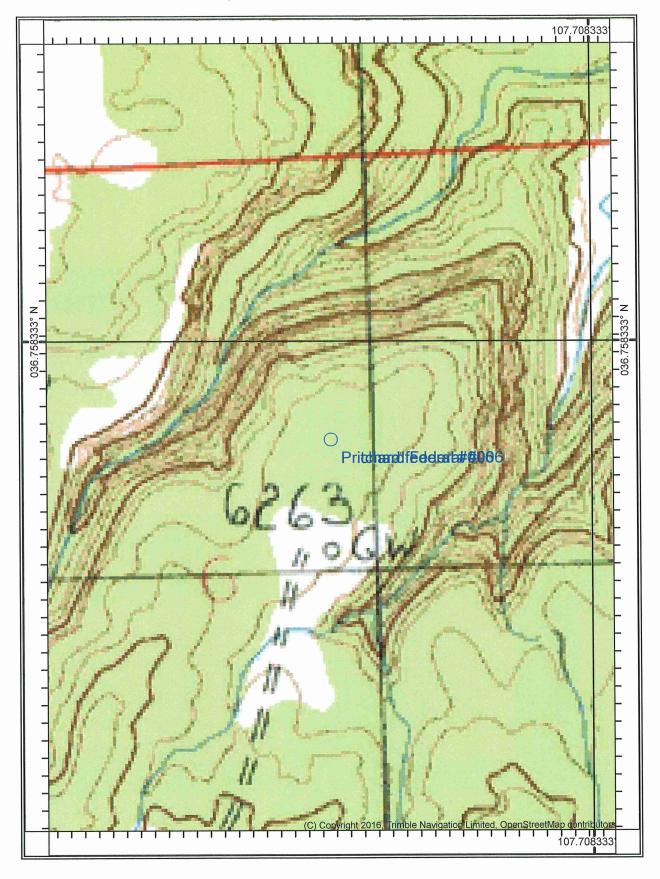
11.Within 60 days of closure completion, MorningStar Operating LLC will submit a closure report on NMOCD's Form C-144, with necessary attachments to document all closure activities, including sampling results; information required by 19.15.17 NMAC; and details on backfilling, capping, and covering, where applicable. MorningStar Operating LLC will certify that all information in the report and attachments is correct and that MorningStar Operating LLC has complied with all applicable closure requirements and conditions specified in the approved closure plan.

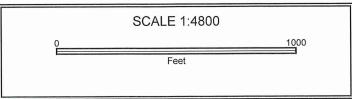
30-045-27378 PRICHARD FEDERAL #006



30-045-27378 PRICHARD FEDERAL #006 DTW >100'









New Mexico Office of the State Engineer

Point of Diversion Summary

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

(quarters are smallest to largest)

(NAD83 UTM in meters)

Well Tag **POD Number**

Q64 Q16 Q4 Sec Tws Rng

X

SJ 00807

06 29N 07W

267398 4071055*

Driller License:

799

Driller Company:

Drill Start Date:

HARGIS, BILL L., SR. DRLG., CO.

Driller Name:

10/15/1978

HARGIS, WILLIAM L.

Drill Finish Date:

04/04/1979

Plug Date:

Shallow

Log File Date:

04/17/1979

PCW Rcv Date:

Source:

Pump Type:

Pipe Discharge Size:

Estimated Yield: 2 GPM

Casing Size:

5.00

Depth Well:

290 feet

Depth Water:

255 feet

Water Bearing Stratifications:

Top Bottom

260

Description

Sandstone/Gravel/Conglomerate

Casing Perforations:

Top Bottom

250 290

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

3/31/21 7:40 AM

POINT OF DIVERSION SUMMARY

^{*}UTM location was derived from PLSS - see Help



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

(quarters are 1=NW 2=NE 3=SW 4=SE) (quarters are smallest to largest) (NAD83 UTM in meters)

No records found.

PLSS Search:

Section(s): 06

Township: 29N

Range: 08W

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3/31/21 7:40 AM

WATER COLUMN/ AVERAGE DEPTH TO WATER



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

(quarters are 1=NW 2=NE 3=SW 4=SE) (quarters are smallest to largest) (NAD83 UTM in meters)

No records found.

PLSS Search:

Section(s): 05

Township: 29N

Range: 08W

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3/31/21 7:40 AM

Received by OCD: 3/31/2021 1:28:57 PM

WATER COLUMN/ AVERAGE DEPTH TO WATER



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

(quarters are 1=NW 2=NE 3=SW 4=SE) (quarters are smallest to largest) (NAD83 UTM in meters)

No records found.

PLSS Search:

Section(s): 6

Township: 30N

Range: 08W

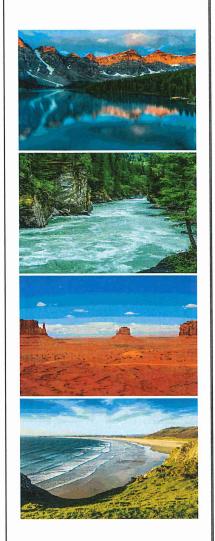
The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, or suitability, or suitability for any particular purpose of the data.

3/31/21 7:40 AM

WATER COLUMN/ AVERAGE DEPTH TO WATER

Released to Imaging: 6/18/2021 9:54:16 AM

Report to: Vanessa Fields



5796 U.S. Hwy 64 Farmington, NM 87401

Phone: (505) 632-1881 Envirotech-inc.com





envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Morningstar Operating LLC.

Project Name:

Pritchard Fed #006

Work Order:

E103033

Job Number:

20100-0001

Received:

3/9/2021

Revision: 2

Report Reviewed By:

Walter Hinchman Laboratory Director 3/16/21

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise. Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way. Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc. Envirotech Inc, holds the Utah TNI certification NM00979 for data reported. Envirotech Inc, holds the Texas TNI certification T104704557 for data reported.

Date Reported: 3/16/21

Vanessa Fields 811 S. Main Ave. Aztec, NM 87410



Project Name: Pritchard Fed #006

Workorder: E103033

Date Received: 3/9/2021 10:29:00AM

Vanessa Fields,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 3/9/2021 10:29:00AM, under the Project Name: Pritchard Fed #006.

The analytical test results summarized in this report with the Project Name: Pritchard Fed #006 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues reguarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

If you have any questions concerning this report, please feel free to contact Envirotech, Inc.

Respectfully,

Walter Hinchman

Laboratory Director Office: 505-632-1881

Cell: 775-287-1762

whinchman@envirotech-inc.com

Raina Schwanz

Laboratory Administrator Office: 505-632-1881

rainaschwanz@envirotech-inc.com

Alexa Michaels

Sample Custody Officer Office: 505-632-1881

labadmin@envirotech-inc.com

Released to Imaging: 6/18/2021 9:54:16 AM

Envirotech Web Address: www.envirotech-inc.com

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Chain of Custody etc.	

Sample Summary

		The same of the sa	•	
	Morningstar Operating LLC.	Project Name:	Pritchard Fed #006	Reported:
	811 S. Main Ave.	Project Number:	20100-0001	Reported.
١	Aztec NM, 87410	Project Manager:	Vanessa Fields	03/16/21 16:52

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
1 (5) Point Pritchard Fed #006	E103033-01A	Soil	03/09/21	03/09/21	Glass Jar, 4 oz.



Sample Data

Morningstar Operating LLC.	Project Name:	Pritchard Fed #006	
811 S. Main Ave.	Project Number:	20100-0001	Reported:
Aztec NM, 87410	Project Manager:	Vanessa Fields	3/16/2021 4:52:44PM

1 (5) Point Pritchard Fed #006

E103033-01

		1103033 01				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	st: RKS		Batch: 2111025
Benzene	ND	0.0250	1	03/10/21	03/10/21	
Toluene	ND	0.0250	1	03/10/21	03/10/21	
Ethylbenzene	ND	0.0250	1	03/10/21	03/10/21	
p,m-Xylene	ND	0.0500	1	03/10/21	03/10/21	
o-Xylene	ND	0.0250	1	03/10/21	03/10/21	
Total Xylenes	ND	0.0250	1	03/10/21	03/10/21	
Surrogate: 4-Bromochlorobenzene-PID		104 %	70-130	03/10/21	03/10/21	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	st: RKS		Batch: 2111025
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/10/21	03/10/21	
Surrogate: 1-Chloro-4-fluorobenzene-FID		95.4 %	70-130	03/10/21	03/10/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: JL		Batch: 2112003
Diesel Range Organics (C10-C28)	ND	25.0	1	03/15/21	03/15/21	
Oil Range Organics (C28-C35)	ND	50.0	1	03/15/21	03/15/21	
Surrogate: n-Nonane		121 %	50-200	03/15/21	03/15/21	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: RAS		Batch: 2111034
Chloride	ND	20.0	1	03/10/21	03/10/21	



QC Summary Data

Morningstar Operating LLC.	Project Name:	Pritchard Fed #006	Reported:
811 S. Main Ave.	Project Number:	20100-0001	**
Aztec NM, 87410	Project Manager:	Vanessa Fields	3/16/2021 4:52:44PM
1			

Aztec NM, 87410		Project Manager:	Va	anessa Fields				3/	/16/2021 4:52:44PM	
		Volatile O	rganics l	oy EPA 8021	B			Analyst: RKS		
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit		
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes	
Blank (2111025-BLK1)						Pre	pared: 03/0	9/21 Analy	zed: 03/09/21	
Benzene	ND	0.0250								
Toluene	ND	0.0250								
Ethylbenzene	ND	0.0250								
p,m-Xylene	ND	0.0500								
o-Xylene	ND	0.0250								
Total Xylenes	ND	0.0250								
Surrogate: 4-Bromochlorobenzene-PID	8.62		8.00		108	70-130				
LCS (2111025-BS1)						Pre	pared: 03/0)9/21 Analy	zed: 03/09/21	
Benzene	4.70	0.0250	5.00		94.0	70-130				
Toluene	4.82	0.0250	5.00		96.4	70-130				
Ethylbenzene	4.63	0.0250	5.00		92.6	70-130				
p,m-Xylene	9.47	0.0500	10.0		94.7	70-130				
o-Xylene	4.81	0.0250	5.00		96.3	70-130				
Total Xylenes	14.3	0.0250	15.0		95.2	70-130			=	
Surrogate: 4-Bromochlorobenzene-PID	8.18		8.00		102	70-130				
Matrix Spike (2111025-MS1)				Sour	ce: E103	032-01 Pre	epared: 03/0	09/21 Analy	yzed: 03/09/21	
Benzene	5.01	0.0250	5.00	ND	100	54-133				
Toluene	5.13	0.0250	5.00	ND	103	61-130				
Ethylbenzene	4.90	0.0250	5.00	ND	98.1	61-133				
p,m-Xylene	10.0	0.0500	10.0	ND	100	63-131				
o-Xylene	5.06	0.0250	5.00	ND	101	63-131				
Total Xylenes	15.1	0.0250	15.0	ND	100	63-131				
Surrogate: 4-Bromochlorobenzene-PID	8.14		8.00		102	70-130				
Matrix Spike Dup (2111025-MSD1)				Sour	rce: E103	032-01 Pre	epared: 03/	09/21 Anal	yzed: 03/09/21	
Benzene	4.99	0.0250	5.00	ND	99.7	54-133	0.427	20		
Toluene	5.11	0.0250	5.00	ND	102	61-130	0.372	20		
Ethylbenzene	4.92	0.0250	5.00	ND	98.3	61-133	0.285	20		
p,m-Xylene	10.0	0.0500	10.0	ND	100	63-131	0.0950	20		
o-Xylene	5.06	0.0250	5.00	ND	101	63-131	0.0474	20		
Total Xylenes	15.1	0.0250	15.0	ND	100	63-131	0.0790	20		
Surrogate: 4-Bromochlorobenzene-PID	8.07		8.00		101	70-130				



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QC Summary Data

Morningstar Operating LLC.	Project Name:	Pritchard Fed #006	Reported:
811 S. Main Ave.	Project Number:	20100-0001	
Aztec NM, 87410	Project Manager:	Vanessa Fields	3/16/2021 4:52:44PM

Aztec NM, 87410		Project Manager	r: Va	nessa Fields					3/16/2021 4:52:44PM		
Nonhalogenated Organics by EPA 8015D - GRO Analyst: RKS											
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit			
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes		
Blank (2111025-BLK1)						Pre	pared: 03/	09/21 Ana	lyzed: 03/09/21		
Gasoline Range Organics (C6-C10)	ND	20.0									
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.43		8.00		92.9	70-130					
LCS (2111025-BS2)						Pre	pared: 03/	09/21 Ana	lyzed: 03/09/21		
Gasoline Range Organics (C6-C10)	43.8	20.0	50.0		87.7	70-130					
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.78		8.00		97.3	70-130					
Matrix Spike (2111025-MS2)				Sou	rce: E103	032-01 Pre	epared: 03/	09/21 Ana	lyzed: 03/09/21		
Gasoline Range Organics (C6-C10)	47.1	20.0	50.0	ND	94.2	70-130					
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.12		8.00		101	70-130					
Matrix Spike Dup (2111025-MSD2)				Sou	rce: E103	032-01 Pre	epared: 03/	09/21 Ana	lyzed: 03/09/21		
Gasoline Range Organics (C6-C10)	48.0	20.0	50.0	ND	95.9	70-130	1.84	20			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.53		8.00		94.1	70-130					



QC Summary Data

Morningstar Operating LLC.	Project Name: Project Number:	Pritchard Fed #006 20100-0001	Reported:
Aztec NM, 87410	Project Manager:		3/16/2021 4:52:44PM

Azice IVIVI, 87410		1 roject manage	. , ,						
	Nonha	logenated Or	ganics by	EPA 8015I) - DRO	/ORO			Analyst: JL
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2112003-BLK1)						Pre	pared: 03/	15/21 Analy	yzed: 03/15/21
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C35)	ND	50.0							
Surrogate: n-Nonane	66.1		50.0		132	50-200			
LCS (2112003-BS1)						Pre	pared: 03/	15/21 Anal	yzed: 03/15/21
Diesel Range Organics (C10-C28)	460	25.0	500		92.1	38-132			
'urrogate: n-Nonane	58.6		50.0		117	50-200			
Matrix Spike (2112003-MS1)				Sou	rce: E103	018-05 Pre	epared: 03/	15/21 Anal	yzed: 03/15/21
Diesel Range Organics (C10-C28)	1440	250	500	804	127	38-132			
Surrogate: n-Nonane	70.2		50.0		140	50-200			
Matrix Spike Dup (2112003-MSD1)				Sou	rce: E103	018-05 Pre	epared: 03/	15/21 Anal	yzed: 03/15/21
Diesel Range Organics (C10-C28)	1330	250	500	804	105	38-132	7.92	20	
Surrogate: n-Nonane	71.1		50.0		142	50-200			



QC Summary Data

Morningstar Operating LLC.	Project Name:	Pritchard Fed #006	Reported:
811 S. Main Ave.	Project Number:	20100-0001	
Aztec NM, 87410	Project Manager:	Vanessa Fields	3/16/2021 4:52:44PM

Aztec NM, 87410		Project Manager:	Va	nessa Fields				3/	/16/2021 4:52:44PM	
Anions by EPA 300.0/9056A Analyst: RAS										
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes	
Blank (2111034-BLK1)						Pre	pared: 03/	10/21 Analy	vzed: 03/10/21	
Chloride	ND	20.0								
LCS (2111034-BS1)						Pre	pared: 03/	10/21 Analy	vzed: 03/10/21	
Chloride	244	20.0	250		97.4	90-110				
Matrix Spike (2111034-MS1)				Sour	ce: E103	033-01 Pre	pared: 03/	10/21 Analy	yzed: 03/10/21	
Chloride	247	20.0	250	ND	98.8	80-120				
Matrix Spike Dup (2111034-MSD1)				Sour	ce: E103	033-01 Pre	pared: 03/	10/21 Analy	yzed: 03/10/21	
Chloride	247	20.0	250	ND	98.9	80-120	0.166	20		

QC Summary Report Comment:

Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures. Therefore, hand calculated values may differ slightly.



Definitions and Notes

Morningstar Operating LLC.	Project Name:	Pritchard Fed #006	
811 S. Main Ave.	Project Number:	20100-0001	Reported:
Aztec NM, 87410	Project Manager:	: Vanessa Fields	03/16/21 16:52

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

Note (1): Methods marked with ** are non-accredited methods.

Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.



Project Information

Client: Project: Control

Date

Sampled

City, State, Zip Committee (1) Phone: 555-330-4366

Project Manager:

Address:

Sampled

1412

Page _____ of ____(

	Addition	al Instruc	tions:					(
(200	er), attest to the			1			
1	Relinquish	ed by: (Sign	iture)		ate	1201	Time	28
	Relinquish	ed by: (Signa	ature)	C	ate	/	Time	
	Relinquish	ed by: (Signa	ature)	C	ate		Time	
		rix: S - Soil, So			_			
		es are discard e samples rec						
7		3ei	nvi	ro	t	ec	h	5795 US H
7 7			Analy	tica	1 Lo	aborato	ory	24 Hour E

Report Attention Lab Use Only TAT **EPA Program** Lab WO# PE103033 PM 3/9/21 Job Number 1D 3D RCRA CWA SDWA State Analysis and Method City, State, Zip Solver 1008 Phone: SOS-787-9100 CO UT AZ DRO/ORO by 8015 GRO/DRO by 8015 ОК Chloride 300.0 BTEX by 8021 VOC by 8260 Metals 6010 Lab Remarks Number

Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 C on subsequent days.

Lab Use Only (V) N Received on ice:

<u>T2</u> T3

AVG Temp °C Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA

ents are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable boratory is limited to the amount paid for on the report. envirotech-inc.com

nple location, date o

39-21

Date

Date

Chain of Custody

Report due by:

Email: VONOSS

Attention:

Address:

Sample ID

Highway 64, Farmington, NM 87401

Received by: (Signature)

Received by: (Signature)

Received by: (Signature)

Misse

Ph (505) 632-1881 Fx (505) 632-1865

Time 10:29

Time

labadmin@envirofech-inc.com

Emergency Response Fhone (800) 362-1879

Envirotech Analytical Laboratory

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	Morningstar Operating LLC.	Date Received:	03/09/21	10:29		Work Order ID:	E103033
Phone:	(505) 330-4366	Date Logged In:	03/09/21	12:09		Logged In By:	Alexa Michaels
Email:	ethomas@ctfieldsvcs.com	Due Date:	03/16/21	17:00 (5 day TAT)		-	
Chain of	Custody (COC)						
1. Does th	he sample ID match the COC?		Yes				
	he number of samples per sampling site location match	h the COC	Yes				
3. Were sa	amples dropped off by client or carrier?		Yes	Carrier: \(\)	Vanessa Fields		
4. Was th	e COC complete, i.e., signatures, dates/times, requeste	ed analyses?	Yes				
5. Were a	Ill samples received within holding time? Note: Analysis, such as pH which should be conducted in t i.e, 15 minute hold time, are not included in this disucssion		Yes			Commen	ts/Resolution
Sample T	Turn Around Time (TAT)						
	e COC indicate standard TAT, or Expedited TAT?		No		Email- etho	omas@ctfiel	dsvcs.com &
Sample C					Vanessa @	walsheng.ne	t
	sample cooler received?		Yes				
8. If yes,	was cooler received in good condition?		Yes				
9. Was th	ne sample(s) received intact, i.e., not broken?		Yes				
10. Were	custody/security seals present?		No				
11. If yes	s, were custody/security seals intact?		NA				
	ne sample received on ice? If yes, the recorded temp is 4°C, i. Note: Thermal preservation is not required, if samples are minutes of sampling visible ice, record the temperature. Actual sample t	received w/i 15	Yes				
Sample (Container						
14. Are a	queous VOC samples present?		No				
	VOC samples collected in VOA Vials?		NA				
	e head space less than 6-8 mm (pea sized or less)?		NA				
	a trip blank (TB) included for VOC analyses?		NA				
	non-VOC samples collected in the correct containers?		Yes				
	appropriate volume/weight or number of sample contained	ers collected?	Yes				
	<u>bel</u> field sample labels filled out with the minimum infor Sample ID?	mation:	Yes				
	Date/Time Collected?		Yes				
	Collectors name?		No				
	<u>Preservation</u> the COC or field labels indicate the samples were pre	eserved?	No				
	sample(s) correctly preserved?	scrvcu:	NA				
	o filteration required and/or requested for dissolved me	etals?	No				
	ase Sample Matrix	D Nitromos	1.0				
	the sample have more than one phase, i.e., multiphase	e?	No				
	s, does the COC specify which phase(s) is to be analyze		NA				
			IVA				
	ract Laboratory	0	Mo				
	samples required to get sent to a subcontract laborator a subcontract laboratory specified by the client and if		No NA	Subcontract La	h. NIA		
	instruction	PO MIIO:	IVA	Subcontract La	u. NA		
Email- 6	ethomas@ctfieldsvcs.com & Vanessa @walsher	ng.net					



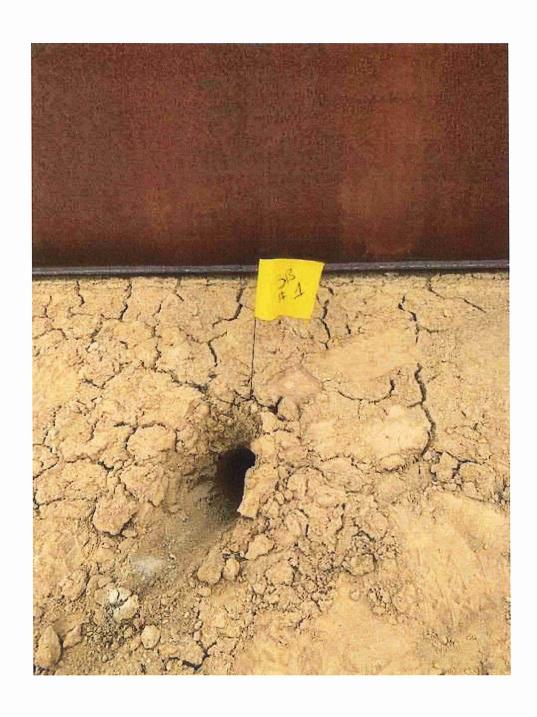
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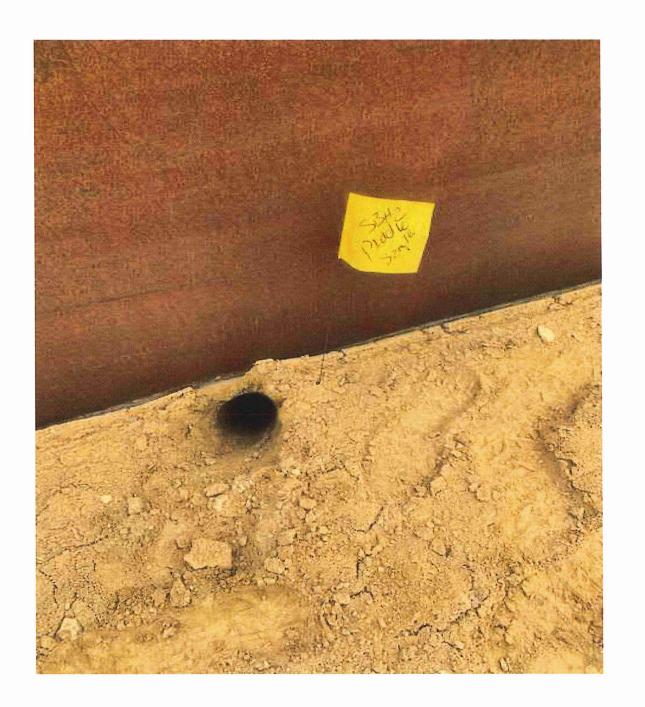
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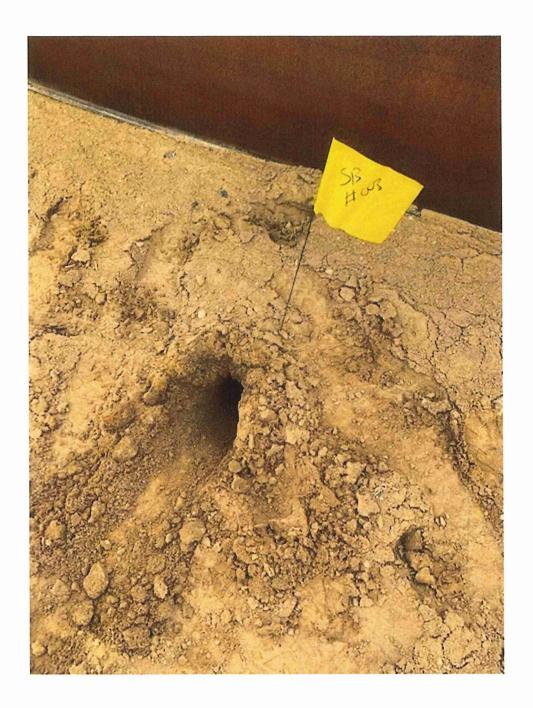
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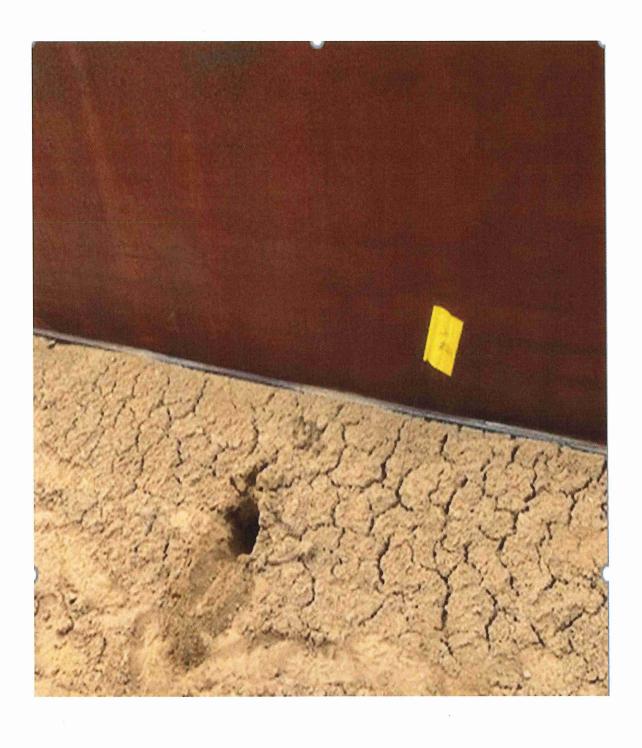
oject Information		Chain	of Custody									Page
Time Date Matrix No	Republican Activities	Report Attention port due by: Harry Services Field Press:	Lab	PEIO		33 21	e Only Job N Analys	The Street of the	K	TAT 1D 3D	RCRA	EPA Program A CWA SDWA State NM CO UT AZ TX OK Remarks
sampled Sampled Container 1.412 34/21 So.1 402		itaron Fed # 00/p	Number	X)	(X	OA .	ž	£ X				
dditional Instructions:												
ield sampler), althast to the validity and authenticity		ing with a Intentionally mislabelling the sample lo	ocation, date or									ce the day they are sampled or C on subsequent days.
Inquished by: (Signature)	Time Time Time Time	Received by: (Signature) Received by: (Signature)	Date 9-2		me 10-2	.9	Recei	ved on		Lab U ②/ 1	se Only	T3
linquished by: (Signature) Da mple Matrix: S - Soil, Sd - Soild, Sg - Sludge, A	- Aqueous, O - Other	Received by: (Signature)	Date Container	Type:		, p - pc	oly/pla		cL	r glass, v		
ote: Samples are discarded 30 days after results ly to those samples received by the laboratory enviro Analytical	with this COC. The liability of the fa			or dispo		the clier						ve samples is applicable







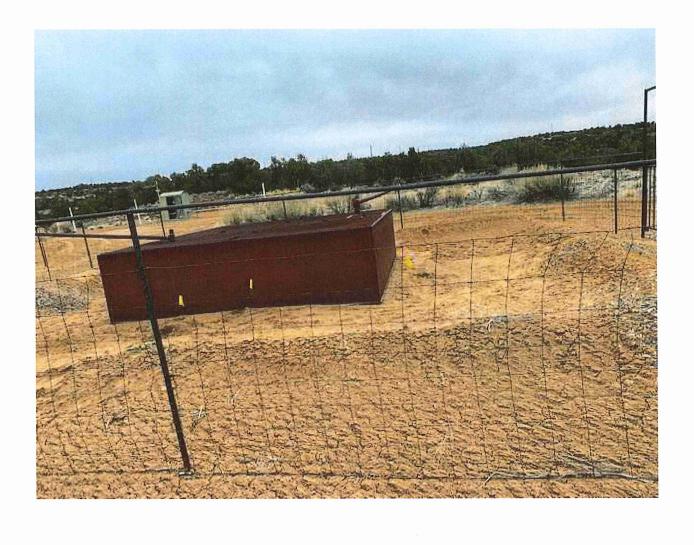














District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720

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 22453

CONDITIONS

Operator:	OGRID:					
MorningStar Operating LLC	330132					
400 W 7th St	Action Number:					
Fort Worth, TX 76102	22453					
	Action Type:					
	[C-144] Below Grade Tank Plan (C-144B)					

CONDITIONS

Created By	Condition	Condition Date				
cwhitehead	None	6/18/2021				