

October 2023

BTA Oil Producers, LLC
Pardue D #2 WI – nAPP2112743674
UL-D, Sec 11, T23S, R28E
32.324640, -104.064370



The following summary serves as a supplemental report to the submitted RXSoil, Inc. (RXSoil) Closure Report, nAPP2112743674. This summary details excavation and sampling activities undertaken at the afore referenced reportable Site.

The release of 214 bbl of produced water occurred on April 1, 2021, due to a leak in the injection line between the pump and wellhead. The pump was shutdown, line repaired, and a vac truck recovered 200 bbls of fluid. RXSoil was contracted to remediate the release area. Upon completion of remediation activities RXSoil prepared a Closure Report for submittal to the NMOCD. On September 24, 2021, the submitted Closure Report was rejected by the NMOCD due to shallow groundwater; requiring hydro-excavation around process equipment and resampling of sample locations ES9, ES11, and ES12. BTA Oil Producers then contracted Hungry Horse, LLC to hydro-excavate the area in question and re-sample.

From September 13-15, 2023, the west and north edges of the tank battery were hydro-excavated to approximately three feet bgs. On September 18, 2023, three composite soil samples, ES9B, ES11B, and ES12B, collected from the sidewall at two feet bgs, were sent to the lab for analysis of BTEX, TPH, and chloride. Laboratory analytical data indicated contaminant concentrations were below the NMOCD Closure Criteria in each of the submitted samples. Analytical Table, Sample Map, and Laboratory Analytical Results are attached for reference.

Based on RXSoil remediation activities, further hydro-excavation, and these supplemental laboratory analytical results, BTA Oil Producers, LLC respectfully requests closure of the Pardue D #2 WI, nAPP2112743674.

Respectfully,

A handwritten signature in black ink, appearing to read "Daniel Dominguez".

Daniel Dominguez
Environmental Manager
Hungry Horse, LLC
(575) 408-3134
ddominguez@hungry-horse.com

Incident ID	nAPP2112743674
District RP	
Facility ID	
Application ID	


Closure

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

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

- A scaled site and sampling diagram as described in 19.15.29.11 NMAC
- Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection)
- Laboratory analyses of final sampling (Note: appropriate ODC District office must be notified 2 days prior to final sampling)
- Description of remediation activities

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.

Printed Name: Kelton Beard Title: Environmental Manager
 Signature:  Date: 10-18-23
 email: kbeaird@btaoil.com Telephone: 432-312-2203

OCD Only

Received by: _____ Date: _____

Closure approval by the OCD does not relieve the responsible party of liability should their operations have failed to adequately investigate and remediate contamination that poses a threat to groundwater, surface water, human health, or the environment nor does not relieve the responsible party of compliance with any other federal, state, or local laws and/or regulations.

Closure Approved by: Scott Rodgers Date: 01/30/2024
 Printed Name: Scott Rodgers Title: Environmental Specialist Adv.

TABLE 1
Summary of Soil Sample Laboratory Analytical Results
BTA Oil Producers, LLC
Pardue D #2 WI
NMOCD Ref. #: nAPP2112743674

Sample ID	Date	Depth (ft)	Soil Status	Benzene (mg/kg)	BTEX (mg/kg)	GRO C ₆ -C ₁₀ (mg/kg)	DRO C ₁₀ -C ₂₈ (mg/kg)	GRO + DRO C ₆ -C ₂₈ (mg/kg)	ORO C ₂₈ -C ₃₆ (mg/kg)	TPH C ₆ -C ₃₆ (mg/kg)	Chloride (mg/kg)
ES9B	9/18/23	2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
ES11B	9/18/23	2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
ES12B	9/18/23	2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
NMOCD Closure Criteria				10	50	-	-	N/A	-	100	600

NOTES:

- = Sample not analyzed for that constituent.



Bold text denotes a concentration that exceeds the NMOCD Closure Criteria



Figure 1

Excavation Sample Map
BTA Oil Producers, LLC
Pardue D #2 WI
GPS: 32.32464, -104.06437
Eddy County

Legend:

-  Excavated Area
-  Composite Confirmation Sample Location

Drafted: dd
Checked: bw
Date: 9/18/23





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

September 21, 2023

DANIEL DOMINGUEZ

Hungry Horse Environmental

P.O. Box 1058

Hobbs, NM 88240

RE: PARDUE D #2 WI

Enclosed are the results of analyses for samples received by the laboratory on 09/18/23 12:08.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene".

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received:	09/18/2023	Sampling Date:	09/18/2023
Reported:	09/21/2023	Sampling Type:	Soil
Project Name:	PARDUE D #2 WI	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Dionica Hinojos
Project Location:	BTA UL/ D SEC 11 T23S - R28E		

Sample ID: ES 9 B (H235027-01)

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/19/2023	ND	1.93	96.6	2.00	1.18		
Toluene*	<0.050	0.050	09/19/2023	ND	1.94	96.9	2.00	7.43		
Ethylbenzene*	<0.050	0.050	09/19/2023	ND	2.09	104	2.00	1.72		
Total Xylenes*	<0.150	0.150	09/19/2023	ND	6.25	104	6.00	1.86		
Total BTEX	<0.300	0.300	09/19/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 115 % 71.5-134

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	09/19/2023	ND	448	112	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	09/19/2023	ND	203	101	200	13.2		
DRO >C10-C28*	<10.0	10.0	09/19/2023	ND	206	103	200	13.7		
EXT DRO >C28-C36	<10.0	10.0	09/19/2023	ND						

Surrogate: 1-Chlorooctane 84.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.4 % 49.1-148

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* = Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received:	09/18/2023	Sampling Date:	09/18/2023
Reported:	09/21/2023	Sampling Type:	Soil
Project Name:	PARDUE D #2 WI	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Dionica Hinojos
Project Location:	BTA UL/ D SEC 11 T23S - R28E		

Sample ID: ES 11 B (H235027-02)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/20/2023	ND	1.96	98.1	2.00	0.981	
Toluene*	<0.050	0.050	09/20/2023	ND	2.01	101	2.00	0.952	
Ethylbenzene*	<0.050	0.050	09/20/2023	ND	1.97	98.6	2.00	0.301	
Total Xylenes*	<0.150	0.150	09/20/2023	ND	6.00	100	6.00	0.946	
Total BTEX	<0.300	0.300	09/20/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

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	09/19/2023	ND	448	112	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	09/19/2023	ND	203	101	200	13.2	
DRO >C10-C28*	<10.0	10.0	09/19/2023	ND	206	103	200	13.7	
EXT DRO >C28-C36	<10.0	10.0	09/19/2023	ND					

Surrogate: 1-Chlorooctane 75.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Hungry Horse Environmental
 DANIEL DOMINGUEZ
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received:	09/18/2023	Sampling Date:	09/18/2023
Reported:	09/21/2023	Sampling Type:	Soil
Project Name:	PARDUE D #2 WI	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Dionica Hinojos
Project Location:	BTA UL/ D SEC 11 T23S - R28E		

Sample ID: ES 12 B (H235027-03)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/20/2023	ND	1.96	98.1	2.00	0.981	
Toluene*	<0.050	0.050	09/20/2023	ND	2.01	101	2.00	0.952	
Ethylbenzene*	<0.050	0.050	09/20/2023	ND	1.97	98.6	2.00	0.301	
Total Xylenes*	<0.150	0.150	09/20/2023	ND	6.00	100	6.00	0.946	
Total BTEX	<0.300	0.300	09/20/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 107 % 71.5-134

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	09/19/2023	ND	448	112	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	09/19/2023	ND	203	101	200	13.2	
DRO >C10-C28*	<10.0	10.0	09/19/2023	ND	206	103	200	13.7	
EXT DRO >C28-C36	<10.0	10.0	09/19/2023	ND					

Surrogate: 1-Chlorooctane 94.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 111 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

- QR-03 The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values.
QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
ND Analyte NOT DETECTED at or above the reporting limit
RPD Relative Percent Difference
** Samples not received at proper temperature of 6°C or below.
*** Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C
Samples reported on an as received basis (wet) unless otherwise noted on report

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*=Accredited Analyte

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Hungry Horse LLC		BILL TO		P.O. #:	
Project Manager: Daniel Dominguez		Company: BTA Oil Producers, LLC		FAX #:	
Address: PO Box 1058		Attn: Kelton Beard		State: TX Zip: 79701	
City: Hobbs		Address: 104 S Pecos St.		City: Midland	
Phone #: 575 393-3386		Project Owner: BTA Oil Producers, LLC		State: TX Zip: 79701	
Project #: [Blank]		Project Name: Pardue D #2 WI		Project Location: U/L D Sec 11 T23S - R28E	
Project Name: Pardue D #2 WI		Phone #: 432-312-2203		Fax #:	
Project Location: U/L D Sec 11 T23S - R28E		Sampler Name: Bradley Wells		FOR LAB USE ONLY	

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						DATE	TIME	Chloride	TPH	BTEX 8021
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :					
H235027	1 ES9b	C	1	X					9/18/23		X		X	
	2 ES11b	C	1	X					9/18/23		X		X	
	3 ES12b	C	1	X					9/18/23		X		X	

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Relinquished By: [Signature]	Date: 9/14/23	Received By: [Signature]	Date: 9/14/23
Relinquished By: [Signature]	Time: 12:08	Received By: [Signature]	Time: [Blank]

Delivered By: (Circle One)	UPS	5.30	Sample Condition	Intact	Checked By: [Signature]
Sampler - UPS - Bus - Other:		\$140	COG	Yes	(Initials)

† Cardinal cannot accept verbal changes. Please fax written changes to 575-393-2476

REMARKS:

Phone Result: Yes No Add'l Phone #:

Fax Result: Yes No Add'l Fax #:

Email results to: pm@hungry-horse.com
 kbeaird@btaoil.com

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

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

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

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

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

CONDITIONS
 Action 277103

CONDITIONS

Operator: BTA OIL PRODUCERS, LLC 104 S Pecos Midland, TX 79701	OGRID: 260297
	Action Number: 277103
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
scott.rodgers	None	1/30/2024