

Found leak on the H.H. Harris #2 Shut well in.

Contact OCD and land owner

Steps taken to clean up spill RP4543

- 1) Isolate and pick up all standing fluid took pictures
- 2) Remove all damp soil and take to land farm in Yoakum Co. TX. (company owned)
- 3) Have soil samples gathered and tested by third party (marked on photos)

Hole was left opened as agreed to by land owner until cleared by OCD

Flowline was repaired and flushed to make sure it is clean

Facing East from north side of well head, leak was 1' from well head on flow line





Facing north standing at leak















January 23, 2017

VERNON BLACK

Hungry Horse Environmental

P.O. Box 1058

Hobbs, NM 88240

RE: WISHBONE HARRIS LEASE WELL #2

Enclosed are the results of analyses for samples received by the laboratory on 01/18/17 9:45.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-16-8. 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](http://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,



Celey D. Keene

Lab Director/Quality Manager



**Analytical Results For:**

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

Received:	01/18/2017	Sampling Date:	01/16/2017
Reported:	01/23/2017	Sampling Type:	Soil
Project Name:	WISHBONE HARRIS LEASE WELL #2	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	YOAKUM CO, TX		

**Sample ID: SP 1 2" BGS (H700114-01)**

BTEX 8021B		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.025	0.025	01/19/2017	ND	1.90	95.0	2.00	0.304	
Toluene*	<0.050	0.050	01/19/2017	ND	1.88	93.8	2.00	0.0865	
Ethylbenzene*	<0.050	0.050	01/19/2017	ND	1.90	95.0	2.00	0.169	
Total Xylenes*	<0.150	0.150	01/19/2017	ND	5.38	89.7	6.00	0.0756	
Total BTEX	<0.275	0.275	01/19/2017	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 73.6-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	01/18/2017	ND	432	108	400	0.00	

TPH TX1005		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C12	<25.0	25.0	01/19/2017	ND	198	98.8	200	1.24	
DRO >C12-C28	<25.0	25.0	01/19/2017	ND	199	99.6	200	0.233	
DRO >C28-C35	<25.0	25.0	01/19/2017	ND					
Total TPH C6-C35*	<25.0	25.0	01/19/2017	ND	399	99.7	400	0.457	

Surrogate: 1-Chlorooctane 93.0 % 70-130

Surrogate: 1-Chlorooctadecane 90.3 % 70-130

Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



**Analytical Results For:**

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

Received:	01/18/2017	Sampling Date:	01/16/2017
Reported:	01/23/2017	Sampling Type:	Soil
Project Name:	WISHBONE HARRIS LEASE WELL #2	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	YOAKUM CO, TX		

**Sample ID: SP 2 2" BGS (H700114-02)**

BTX 8021B		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.025	0.025	01/19/2017	ND	1.90	95.0	2.00	0.304	
Toluene*	<0.050	0.050	01/19/2017	ND	1.88	93.8	2.00	0.0865	
Ethylbenzene*	<0.050	0.050	01/19/2017	ND	1.90	95.0	2.00	0.169	
Total Xylenes*	<0.150	0.150	01/19/2017	ND	5.38	89.7	6.00	0.0756	
Total BTX	<0.275	0.275	01/19/2017	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 73.6-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	01/18/2017	ND	416	104	400	3.77	

TPH TX1005		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C12	<25.0	25.0	01/19/2017	ND	198	98.8	200	1.24	
DRO >C12-C28	<25.0	25.0	01/19/2017	ND	199	99.6	200	0.233	
DRO >C28-C35	<25.0	25.0	01/19/2017	ND					
Total TPH C6-C35*	<25.0	25.0	01/19/2017	ND	399	99.7	400	0.457	

Surrogate: 1-Chlorooctane 76.9 % 70-130

Surrogate: 1-Chlorooctadecane 84.6 % 70-130

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Received:	01/18/2017	Sampling Date:	01/16/2017
Reported:	01/23/2017	Sampling Type:	Soil
Project Name:	WISHBONE HARRIS LEASE WELL #2	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	YOAKUM CO, TX		

**Sample ID: SP 3 2"BGS (H700114-03)**

BTEx 8021B		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.025	0.025	01/19/2017	ND	1.90	95.0	2.00	0.304	
Toluene*	<0.050	0.050	01/19/2017	ND	1.88	93.8	2.00	0.0865	
Ethylbenzene*	<0.050	0.050	01/19/2017	ND	1.90	95.0	2.00	0.169	
Total Xylenes*	<0.150	0.150	01/19/2017	ND	5.38	89.7	6.00	0.0756	
Total BTEx	<0.275	0.275	01/19/2017	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 73.6-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	01/18/2017	ND	416	104	400	3.77		

TPH TX1005		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C12	<25.0	25.0	01/19/2017	ND	198	98.8	200	1.24	
DRO >C12-C28	<25.0	25.0	01/19/2017	ND	199	99.6	200	0.233	
DRO >C28-C35	<25.0	25.0	01/19/2017	ND					
Total TPH C6-C35*	<25.0	25.0	01/19/2017	ND	399	99.7	400	0.457	

Surrogate: 1-Chlorooctane 91.5 % 70-130

Surrogate: 1-Chlorooctadecane 96.0 % 70-130

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Celey D. Keene, Lab Director/Quality Manager



**Notes and Definitions**

QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by 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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Celey D. Keene, Lab Director/Quality Manager





## Page 6 of 6

ANALYSIS REQUEST

+ Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476



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

Form C-141  
Revised August 8, 2011

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

Submit 1 Copy to appropriate District Office in  
accordance with 19.15.29 NMAC.

**Release Notification and Corrective Action**

**OPERATOR**

☒ Initial Report ☐ Final Report

Name of Company WISHBONE TEXAS OPERATING LLC	Contact	
Address 10613 W. SAM HOUSTON PKWY N SUITE 400	Telephone No.	
Facility Name H.H. HARRIS #2	Facility Type	
Surface Owner	Mineral Owner	API No. 30-025-20931

**LOCATION OF RELEASE**

Unit Letter O	Section 35	Township 12S	Range 38E	Feet from the 650	North/South Line SOUTH	Feet from the 1800	East/West Line EAST	County LEA
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Latitude 33.229743° Longitude -103.065801°

**NATURE OF RELEASE**

Type of Release-produced water & oil	Volume of Release - 40 bbls	Volume Recovered - 20 bbls
Source of Release - flow line leak	Date and Hour of Occurrence 12/19/2016 evening	Date and Hour of Discovery 12/20/2016 at 11:00 AM
Was Immediate Notice Given? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom? Call to Cristina Lynch voice mail then Tomas Oberding voice mail	
By Whom? David Massey	Date and Hour 12/20/2016 around 4:00 PM	
Was a Watercourse Reached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse.	

If a Watercourse was Impacted, Describe Fully.\*

**RECEIVED**

By Olivia Yu at 10:06 am, Jan 05, 2017

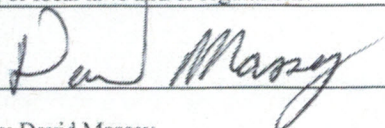
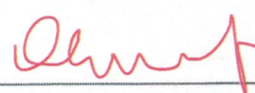
Describe Cause of Problem and Remedial Action Taken.\*

Ice plug in flow line pipe broke in bend, added 45 to flowline to relieve tension at curve in line.

Describe Area Affected and Cleanup Action Taken.\*

leak occurred on location and off to the north side 50 yards and spread out 20 yards. Picked up all standing fluid and hauled to disposal dug out all the contaminate dirt down about 18" to 22" and hauled to land farm left hole open to test.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD 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 NMOCD marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD 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.

Signature: 	<b>OIL CONSERVATION DIVISION</b>	
Printed Name: David Massey	Approved by Environmental Specialist: 	
Title: Production Foreman	Approval Date: 01/05/2017	Expiration Date:
E-mail Address: dmassey@wishboneep.com	Conditions of Approval:	Attached <input type="checkbox"/>
Date: 1/3/2017 9393	Phone: 806-215-	

\* Attach Additional Sheets If Necessary

pOY1700536192

RP4543

nOY1700536013