

P.O. Box 2587  $\bullet$  Hobbs, NM 88241  $\bullet$  Phone: (575) 397-4961  $\bullet$  todd@trinityoilfieldservices.com

May 21, 2015 Mike Bratcher NMOCD District 2 811 S. First Street Artesia, NM 88210

RE: Corrective Action Plan

Mewbourne Oil Co. – Zircon Compressor Facility/State HL #1 N-1-19S-29E 660 FSL 1980 FWL API No. 30-015-23065 1RP-3430

Dear Mr. Bratcher,

Trinity Oilfield Services is submitting the following Corrective Action Plan (CAP) for the State HL #1 Accidental Release (AR). Trinity Oilfield Services is a service company hired by Mewboune Oil Co. to assist them in the remediation of this AR. Mewbourne is the owner of this facility.

On May 19, 2015 at approximately 7:00 a.m. a Mewbourne employee discovered the AR on this facility. A dump valve failed on the well separator allowing fluid to go down the gas line to the compressor. As a result the catch tank was over filled. The dump valve was replaced on the separator and the level on the tank reduced. The District 2 NMOCD office was notified and a subsequent C-141 was willed. The C-141 can be found in Exhibit A

In terms of the Effected Area (EA). The terrain is relatively flat with sand hills, and light to moderate vegetation. There is no above ground water source impacted, and according to NMOCD depth to groundwater is greater than 100'. The contamination flow path is moderately wide area on location. The flow path continues off of location for approximately 200yds. The flow path off of location is relatively small and changes directions off location following the contours of the terrain. A map of the EA can be found in Exhibit B.

In terms of a cleanup effort. With NMOCD's approval we would like to excavate the EA off of the location using a Excavator and Backhoe removing the contaminated soil and stock piling on plastic at the location. On the location we intend to use a backhoe to remove the contaminated soil and load it as well as stockpiled soil onto trucks. This material will be taken to R360 for disposal. Pictures of the EA can be found in Exhibit C.

In terms of sampling. We pulled samples along the EA with results being provided in Exhibit D. After excavation we would
like to pull samples along the EA and submit the results for approval by NMOCD. After approval the EA will be backfilled
with similar soil to the surrounding area, and the site will be reseeded. Our planned sampling spots are identified in Exhibit
E.

Sincerely,

Todd Roberson

Exhibit A

District I 1625 N. French Dr., Hobbs, NM 88240 District III
1000 Rio Brizzos Road, Aziec, NM 87410 District IV 1220 S. St. Francis Dr., Santa Fe, NM 87505

## State of New Mexico Energy Minerals and Natural Resources

Revised August 8, 2011

Form C-141

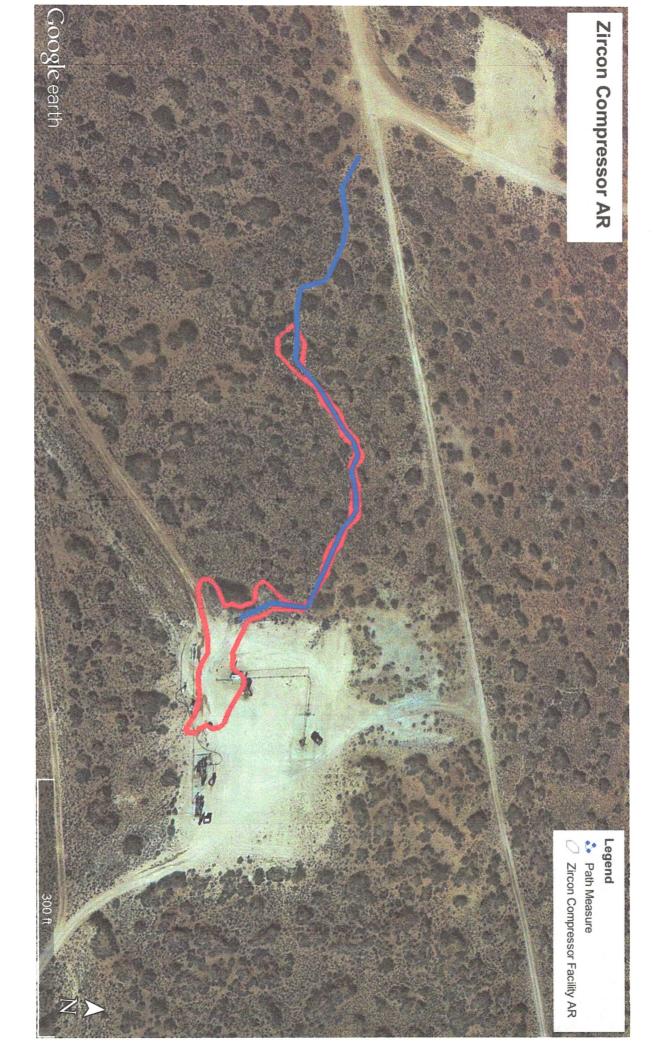
Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505

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

			Rel	ease Notific	atio	n and C	orrective A	ction				
p						OPERA	TOR		M Initi	al Report		Final Report
Name of Co	ompany; M	ewbourne (	Dil Comp	any	The state of the s	Contact; Za	ick Thomas	Marie Control Control Company	Warried Street, or other Street, or othe	The second second	and the second	A Part of the Control of the Control
		Hobbs NN			State State	Telephone	No. 575-393-590	05			-	
Facility Na	me: Zircon	Compresso	r Facility	/ State IIL #1		Facility Typ	pe: Oil producing	g Well			regionali, for magas, igraposan	
Surface Ow	mer: State			Mineral C	wner:	State			API No	30-015-2	3065	
				LOCA	OITA	N OF RE	LEASE.					
Unit Letter	Section 1	Township 198	Range 29F	Feet from the 660'		South Line	Feet from the 1980'	East/V West	Vest Line	County Eddy		
				Latitude_32.6	8388_	Longitud	le104.03062					i i i i i i i i i i i i i i i i i i i
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Type of Rele				N. V. VERS SENSO	er simon assures	Company of the company of the company	Release: estimate	xd 20	Volume I	Recovered: N	WA	and constitution of the co
Source of Re	lease; Comp	ressor catch	tunk			Date and I- 5-19-15	lour of Occurrence	e	Date and 5-19-15	Hour of Dis 7:00 sr		
Was Immedi	ate Notice G		Ves I	No Not Ro	united	If YES, To	Whom?		· · · · · · · · · · · · · · · · · · ·	7.00 02	36	
By Whom? Z	ack Thomas		- 40	1 100 23 100 100	aprili CO			and the same party and	The state of the s	and the second second		
Was a Water				and the second of the second of			lour 5-19-15 2:11 Nume Impacting t		Trouve		-	
			Yes 🗵	] No		1 1000 1	mente majmennig u	INE PERCE	course.			
If a Watercoo	use was Imp	sacted, Descr	ibe Fully.		-	1						
Describe Cau	ise of Proble	m and Reme	dial Action	n Taken.*	***********							Property Control of the Control of t
Cause of the Dump on sep	leak- Dump arator was f	failure on we ixed to stop t	ell separati he release	or consing fluid to	No gan	vn gas line to	Zircon Compresso	w Facili	ty catesing	catch tank to	o he ov	er filled.
Describe Are	a Affected a	nd Cleanup /	Action Tal	cen.*								-
Leaked fluid	affected the	pad surface s	around the	catch tank and al-	so ran o	off location to	the west an estima	nted 200	yards in t	o the pasture	-	
regulations a public health should their	Il operators of or the environations ho operations ho notent. In ac-	are required a connent. The rve failed to a adition, NMC	o report as acceptance adequately OCD accep	is true and complind/or file certain note of a C-141 report investigate and manager of a C-141 report and contained of a C-141 report and complete and	nlease n of by the emodiate	iotifications a le NMOCD m te contaminati	nd perform correct arked as "Final Re ion that pose a thre	tive acti epon" d tal lo gr	ons for reli oes not reli ound water	eases which ieve the oper r, surface wa	may er nator of der, hu	danger liability man health
	7	Λ.			distriction		OIL CONS	SERV	ATION	DIVISIO	)N	and the second s
Signature -	J	Mone	2									to describino a a seque se
Printed Name	and the same of		The second second		and the second s	Approved by	Environmental Sp	pecialist				
Title: Linving	nmental Rep				-	Approval Da	le:	Take of the same o	Expiration	Date:		THE GASE THE COLOR OF THE COLOR
E-muil Addre	ess: zihomas	@mewboum	c.com		production in the second	Conditions of	f Approval.			Attached		e gancyma a cyfae di'r daug
Date: 5-7(5-1)	<			Phone: 575_602_2	188					Bases valued (		

<sup>\*</sup> Attach Additional Sheets If Necessary















# **Zircon Compressor**

# Sample Key

Sample Event 1

Sample Site 1

003 - 0 ft

001 - 5 ft

002 - 7 ft

### Sample Site 2

004 - 0 ft

005 - 2 ft

006 - 3 ft

### Sample Site 3

007 - 0 ft

008 - 2 ft

009 - 4 ft

010 - 6 ft

# Sample Site 4

011 - 0 ft

012 - 2 ft

013 - 4 ft

014 - 5 ft

### Sample Event 2

Sample Site 6

001 - 2 ft

001 - 3 ft

001 - 4 ft

### Sample Site 7

002 - 2 ft

002 - 3 ft

002-4 ft



June 09, 2015

ZACK THOMAS

MEWBOURNE OIL COMPANY

P. O. BOX 5270

HOBBS, NM 88240

RE: STATE HL - ZIRCON COMPRESSOR

Enclosed are the results of analyses for samples received by the laboratory on 06/02/15 9:50.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-13-5. 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 <a href="https://www.tceq.texas.gov/field/ga/lab">www.tceq.texas.gov/field/ga/lab</a> 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. Keene

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



MEWBOURNE OIL COMPANY ZACK THOMAS P. O. BOX 5270 HOBBS NM, 88240

Fax To: (575) 937-6252

Received:

06/02/2015

Sampling Date:

06/01/2015

Reported:

BTEX 8021B

06/09/2015

Sampling Type:

Soil

Project Name:

STATE HL - ZIRCON COMPRESSOR

Sampling Condition:

Cool & Intact

Project Number:

NONE GIVEN

mg/kg

E GIVEN

Sample Received By:

Jodi Henson

Project Location:

NOT GIVEN

#### Sample ID: 001 - 5' (H501402-01)

DILK COLLD	11197	<b>19</b>	Allalyze	a by. 145					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/04/2015	ND	2.10	105	2.00	0.798	
Toluene*	<0.050	0.050	06/04/2015	ND	1.87	93.5	2.00	0.110	
Ethylbenzene*	<0.050	0.050	06/04/2015	ND	1.80	90.2	2.00	0.401	
Total Xylenes*	<0.150	0.150	06/04/2015	ND	5.25	87.5	6.00	0.104	
Total BTEX	<0.300	0.300	06/04/2015	ND					
Surrogate: 4-Bromofluorobenzene (PIL	113 %	61-154							
Chloride, SM4500Cl-B mg/kg		kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	06/08/2015	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	06/02/2015	ND	189	94.4	200	6.65	
DRO >C10-C28	<10.0	10.0	06/02/2015	ND	182	91.2	200	7.06	
Surrogate: 1-Chlorooctane	76.5 9	% 47.2-15	7						
Surrogate: 1-Chlorooctadecane	79.9	52.1-17	6						

Analyzed By: MS

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\*=Accredited Analyte

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Celley & Keene



MEWBOURNE OIL COMPANY ZACK THOMAS P. O. BOX 5270 HOBBS NM, 88240

Fax To: (575) 937-6252

Received:

06/02/2015

Sampling Date:

06/01/2015

Reported:

DTEV GOODE

06/09/2015

Sampling Type:

Soil

Project Name:

STATE HL - ZIRCON COMPRESSOR

Sampling Condition:

Cool & Intact

Project Number:

NONE GIVEN

Sample Received By:

Jodi Henson

Project Location:

NOT GIVEN

#### Sample ID: 002 - 7' (H501402-02)

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	06/04/2015	ND	2.10	105	2.00	0.798	
Toluene*	<0.050	0.050	06/04/2015	ND	1.87	93.5	2.00	0.110	
Ethylbenzene*	<0.050	0.050	06/04/2015	ND	1.80	90.2	2.00	0.401	
Total Xylenes*	<0.150	0.150	06/04/2015	ND	5.25	87.5	6.00	0.104	
Total BTEX	<0.300	0.300	06/04/2015	ND					
Surrogate: 4-Bromofluorobenzene (PIC	111 %	% 61-154	!						
Chloride, SM4500CI-B	mg/	'kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	06/08/2015	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	06/02/2015	ND	189	94.4	200	6.65	
DRO >C10-C28	54.9	10.0	06/02/2015	ND	182	91.2	200	7.06	
Surrogate: 1-Chlorooctane	84.3	% 47.2-15	7						
Surrogate: 1-Chlorooctadecane	91.0	% 52.1-17	6						

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\*=Accredited Analyte

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Fax To: (575) 937-6252

Received:

06/02/2015

Sampling Date:

06/01/2015

Reported:

06/09/2015

Sampling Type:

Soil

Project Name:

STATE HL - ZIRCON COMPRESSOR

Sampling Condition:

Cool & Intact

Project Number:

NONE GIVEN

Sample Received By:

Jodi Henson

Project Location:

NOT GIVEN

#### Sample ID: 003 - 0' (H501402-03)

BTEX 8021B	mg/kg		Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	9.12	1.00	06/04/2015	ND	2.10	105	2.00	0.798	
Toluene*	85.0	1.00	06/04/2015	ND	1.87	93.5	2.00	0.110	
Ethylbenzene*	42.6	1.00	06/04/2015	ND	1.80	90.2	2.00	0.401	
Total Xylenes*	118	3.00	06/04/2015	ND	5.25	87.5	6.00	0.104	
Total BTEX	255	6.00	06/04/2015	ND					
Surrogate: 4-Bromofluorobenzene (PIL	141 9	% 61-154							
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	06/08/2015	ND	416	104	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	2030	50.0	06/02/2015	ND	189	94.4	200	6.65	
DRO >C10-C28	15400	50.0	06/02/2015	ND	182	91.2	200	7.06	
Surrogate: 1-Chlorooctane	128 9	6 47.2-15	7						
Surrogate: 1-Chlorooctadecane	220 9	52.1-17	6						

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MEWBOURNE OIL COMPANY ZACK THOMAS P. O. BOX 5270 HOBBS NM, 88240

(575) 937-6252 Fax To:

Received:

06/02/2015

Sampling Date:

06/01/2015

Reported:

06/09/2015

Sampling Type:

Soil

Project Name:

STATE HL - ZIRCON COMPRESSOR

Sampling Condition:

Cool & Intact

Project Number:

NONE GIVEN

Sample Received By:

Jodi Henson

Project Location:

NOT GIVEN

#### Sample ID: 004 - 0' (H501402-04)

BTEX 8021B	mg/kg		Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	4.70	0.500	06/04/2015	ND	2.10	105	2.00	0.798	
Toluene*	67.6	0.500	06/04/2015	ND	1.87	93.5	2.00	0.110	
Ethylbenzene*	48.7	0.500	06/04/2015	ND	1.80	90.2	2.00	0.401	
Total Xylenes*	85.1	1.50	06/04/2015	ND	5.25	87.5	6.00	0.104	
Total BTEX	206	3.00	06/04/2015	ND					
Surrogate: 4-Bromofluorobenzene (PID	129 %	6 61-154	!						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	06/08/2015	ND	416	104	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
GRO C6-C10	1290	50.0	06/02/2015	ND	189	94.4	200	6.65	
DRO >C10-C28	16600	50.0	06/02/2015	ND	182	91.2	200	7.06	
Surrogate: 1-Chlorooctane	1199	6 47.2-15							
Surrogate: 1-Chlorooctadecane	253 9	52.1-17	76						

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MEWBOURNE OIL COMPANY ZACK THOMAS P. O. BOX 5270 HOBBS NM, 88240

Fax To: (575) 937-6252

Received:

06/02/2015

Sampling Date:

06/01/2015

Reported:

06/09/2015

Sampling Type:

Soil

Project Name:

STATE HL - ZIRCON COMPRESSOR

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

Project Number:

NONE GIVEN

Project Location:

NOT GIVEN

Sample ID: 005 - 2' (H501402-05)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	0.091	0.050	06/04/2015	ND	2.10	105	2.00	0.798	
Toluene*	0.256	0.050	06/04/2015	ND	1.87	93.5	2.00	0.110	
Ethylbenzene*	0.069	0.050	06/04/2015	ND	1.80	90.2	2.00	0.401	
Total Xylenes*	<0.150	0.150	06/04/2015	ND	5.25	87.5	6.00	0.104	
Total BTEX	0.416	0.300	06/04/2015	ND					
Surrogate: 4-Bromofluorobenzene (PIL	114 %	6 61-154							
Chloride, SM4500Cl-B	mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	06/08/2015	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	06/02/2015	ND	189	94.4	200	6.65	
DRO >C10-C28	16.5	10.0	06/02/2015	ND	182	91.2	200	7.06	
Surrogate: 1-Chlorooctane	87.6	% 47.2-15	7						
Surrogate: 1-Chlorooctadecane	90.2	% 52.1-17	76						

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\*=Accredited Analyte

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MEWBOURNE OIL COMPANY **ZACK THOMAS** P. O. BOX 5270 HOBBS NM, 88240

Fax To: (575) 937-6252

Received:

06/02/2015

Sampling Date:

06/01/2015

Reported:

06/09/2015

Sampling Type:

Soil

Project Name:

Sampling Condition:

Cool & Intact

Project Number:

NONE GIVEN

STATE HL - ZIRCON COMPRESSOR

Sample Received By: Jodi Henson

Project Location:

NOT GIVEN

### Sample ID: 006 - 3' (H501402-06)

BTEX 8021B	mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	0.957	0.200	06/04/2015	ND	2.10	105	2.00	0.798	
Toluene*	14.9	0.200	06/04/2015	ND	1.87	93.5	2.00	0.110	
Ethylbenzene*	7.58	0.200	06/04/2015	ND	1.80	90.2	2.00	0.401	
Total Xylenes*	10.9	0.600	06/04/2015	ND	5.25	87.5	6.00	0.104	
Total BTEX	34.4	1.20	06/04/2015	ND					
Surrogate: 4-Bromofluorobenzene (PID	126 %	61-154							
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	06/08/2015	ND	416	104	400	0.00	
TPH 8015M	mg/	'kg	Analyze	d By: MS		colonia del la como de primero e mandra de como esta del			
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	467	10.0	06/02/2015	ND	189	94.4	200	6.65	
DRO >C10-C28	951	10.0	06/02/2015	ND	182	91.2	200	7.06	
Surrogate: 1-Chlorooctane	107	% 47.2-15	7						
Surrogate: 1-Chlorooctadecane	88.4	% 52.1-17	76						

#### Cardinal Laboratories

\*=Accredited Analyte

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MEWBOURNE OIL COMPANY **ZACK THOMAS** P. O. BOX 5270 HOBBS NM, 88240

Fax To: (575) 937-6252

Received:

06/02/2015

Sampling Date:

06/01/2015

Reported:

BTEX 8021B

06/09/2015

Sampling Type:

Soil

Project Name:

STATE HL - ZIRCON COMPRESSOR

Sampling Condition:

Cool & Intact

Project Number:

NONE GIVEN

Sample Received By:

Jodi Henson

mg/kg

Project Location:

NOT GIVEN

### Sample ID: 007 - 0' (H501402-07)

5.2.002.0		-		-	A STATE OF THE STA				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	1.70	0.500	06/04/2015	ND	2.10	105	2.00	0.798	
Toluene*	79.7	0.500	06/04/2015	ND	1.87	93.5	2.00	0.110	
Ethylbenzene*	82.4	0.500	06/04/2015	ND	1.80	90.2	2.00	0.401	
Total Xylenes*	150	1.50	06/04/2015	ND	5.25	87.5	6.00	0.104	
Total BTEX	314	3.00	06/04/2015	ND					
Surrogate: 4-Bromofluorobenzene (PID	149	% 61-154	1						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	06/08/2015	ND	416	104	400	0.00	
TPH 8015M	mg	/kg	Analyze	ed By: MS					S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	1200	50.0	06/02/2015	ND	189	94.4	200	6.65	
DRO >C10-C28	12800	50.0	06/02/2015	ND	182	91.2	200	7.06	
Surrogate: 1-Chlorooctane	119	% 47.2-15	57						
Surrogate: 1-Chlorooctadecane	204	% 52.1-17	76						

Analyzed By: MS

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\*=Accredited Analyte

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Celleg & Kreene



MEWBOURNE OIL COMPANY ZACK THOMAS P. O. BOX 5270 HOBBS NM, 88240

Fax To: (575) 937-6252

Received:

06/02/2015

C/02/2015

Sampling Date:

06/01/2015

Reported:

06/09/2015

Sampling Type:

Soil

Project Name:

STATE HL - ZIRCON COMPRESSOR NONE GIVEN

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

Project Number:

NONE GIVEN

Project Location:

NOT GIVEN

# Sample ID: 008 - 2' (H501402-08)

BTEX 8021B	mg/kg		Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	2.32	1.00	06/04/2015	ND	2.10	105	2.00	0.798	
Toluene*	96.7	1.00	06/04/2015	ND	1.87	93.5	2.00	0.110	
Ethylbenzene*	58.7	1.00	06/04/2015	ND	1.80	90.2	2.00	0.401	
Total Xylenes*	93.1	3.00	06/04/2015	ND	5.25	87.5	6.00	0.104	
Total BTEX	251	6.00	06/04/2015	ND					
Surrogate: 4-Bromofluorobenzene (PID	139 9	% 61-154							
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
Chloride	<16.0	16.0	06/08/2015	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	Qualifie
GRO C6-C10	610	10.0	06/02/2015	ND	189	94.4	200	6.65	
DRO >C10-C28	1640	10.0	06/02/2015	ND	182	91.2	200	7.06	
Surrogate: 1-Chlorooctane	105	% 47.2-15	7						
Surrogate: 1-Chlorooctadecane	86.8	% 52.1-17	76						

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Fax To:

STATE HL - ZIRCON COMPRESSOR

(575) 937-6252

Received:

06/02/2015

Sampling Date:

06/01/2015

Reported:

Sampling Type:

Soil

Project Name:

06/09/2015

Sampling Condition:

Cool & Intact

Project Number:

NONE GIVEN

Sample Received By:

Jodi Henson

Project Location:

NOT GIVEN

# Sample ID: 009 - 4' (H501402-09)

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	06/04/2015	ND	2.10	105	2.00	0.798	
Toluene*	0.287	0.050	06/04/2015	ND	1.87	93.5	2.00	0.110	
Ethylbenzene*	0.105	0.050	06/04/2015	ND	1.80	90.2	2.00	0.401	
Total Xylenes*	< 0.150	0.150	06/04/2015	ND	5.25	87.5	6.00	0.104	
Total BTEX	0.392	0.300	06/04/2015	ND					
Surrogate: 4-Bromofluorobenzene (PID	1129	6 61-154				-			
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	06/08/2015	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	10.6	10.0	06/02/2015	ND	189	94.4	200	6.65	
DRO >C10-C28	75.2	10.0	06/02/2015	ND	182	91.2	200	7.06	
Surrogate: 1-Chlorooctane	85.5	% 47.2-15	7						
Surrogate: 1-Chlorooctadecane	89.3	% 52.1-17	6						

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Fax To:

(575) 937-6252

Received:

06/02/2015

Sampling Date:

06/01/2015

Reported:

Sampling Type:

Soil

Project Name:

06/09/2015

STATE HL - ZIRCON COMPRESSOR

Sampling Condition:

Cool & Intact

Project Number:

NONE GIVEN

Sample Received By:

Jodi Henson

Project Location:

NOT GIVEN

# Sample ID: 010 - 6' (H501402-10)

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	06/04/2015	ND	2.10	105	2.00	0.798	
Toluene*	<0.050	0.050	06/04/2015	ND	1.87	93.5	2.00	0.110	
Ethylbenzene*	<0.050	0.050	06/04/2015	ND	1.80	90.2	2.00	0.401	
Total Xylenes*	<0.150	0.150	06/04/2015	ND	5.25	87.5	6.00	0.104	
Total BTEX	<0.300	0.300	06/04/2015	ND					
Surrogate: 4-Bromofluorobenzene (PIL	114 %	6 61-154	!						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	06/08/2015	ND	416	104	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					22455555555555555555555555555555555555
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	06/02/2015	ND	189	94.4	200	6.65	
DRO >C10-C28	<10.0	10.0	06/02/2015	ND	182	91.2	200	7.06	
Surrogate: 1-Chlorooctane	80.1	% 47.2-15	7						
Surrogate: 1-Chlorooctadecane	83.75	% 52.1-17	6						

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