Energy Minerals and Natural

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

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

	Santa i	re, INIM 87303	·····	
Relea	se Notificatio	on and Corrective Acti	on	
		OPERATOR	Initial Report	🛛 Final Report
Name of Company Western Refining Wholes	sale, LLC	Contact Manny Roman	· · · · ·	
Address 1703 Commerce, Carlsbad, NM		Telephone No. 915-588-8408	·	
Facility Name Concho Corvo Federal #4H L	ease	Facility Type Crude Oil Produc	ction Tank	
Surface Owner Devon Energy Production	Mineral Owner		API No.	
	LOCATIC	ON OF RELEASE		

Township Unit Letter Section Range Feet from the North/South Line Feet from the East/West Line County Μ 29 24S 32E

Latitude -103.703703192824Longitude 32.1823206033716

NATURE OF RELEASE

INATONE	OF MELEASE						
Type of Release Crude Oil	Volume of Release 546 gallons	Volume Recovered					
Source of Release Production Tank Valve	Date and Hour of Occurrence	Date and Hour of Discovery					
	6-14-15 Approx. 10:30AM	6-14-15 Approx. 9:30PM					
Was Immediate Notice Given?	If YES, To Whom?						
🛛 Yes 🗌 No 🔲 Not Required							
By Whom? Manny Roman	Date and Hour 6-15-15 / 4:20PM						
Was a Watercourse Reached?	If YES, Volume Impacting the Wate	ercourse.					
🔲 Yes 🖾 No							
If a Watercourse was Impacted, Describe Fully.*							
	APPROVE						
N/A	AFTAOVE						
	Bv OCD Distrie	ct 1 at 7:59 am, Sep 14, 2015					
		,					
Describe Cause of Problem and Remedial Action Taken.*							
The valve to a crude oil tank was left open by our driver who was unawar							
Environmental was called immediately to begin remediation process. Affe	cted soil has been picked up and place	ed on plastic pending waste profiling.					
Describe Area Affected and Cleanup Action Taken.*							
The affected area is has an average width of 40 ft and is about 120 feet lot	g. Contaminants penetrated ground la	ess than one foot. About 20 CY of soil has					
been excavated and will disposed at an authorized disposal facility. See att	achment for further remediation detail	S.					
$T_{1} = -4^{2}C_{1} + 4^{2}C_{2} + 4^{2}C_$	1 . 0 1 1 1 1 .						
I hereby certify that the information given above is true and complete to the	e best of my knowledge and understan	id that pursuant to NMOCD rules and					
regulations all operators are required to report and/or file certain release no	tilications and perform corrective acti	ons for releases which may endanger					
public health or the environment. The acceptance of a C-141 report by the	NMOCD marked as "Final Report" d	oes not relieve the operator of hability					
should their operations have failed to adequately investigate and remediate							
or the environment. In addition, NMOCD acceptance of a C-141 report do federal, state, or local laws and/or regulations.	es not relieve the operator of responsi	bility for compliance with any other					
Teucrai, state, or focal laws and/or regulations.							
	<u>UIL CONSERV</u>	ATION DIVISION					
Signature: MMCM							
		. Jan Huye					
Printed Name: Manna Lange	Approved by Environmental Specialist						
Signature: Mlmmy Roman A Printed Name: Manny Roman A Title: Solety Manny gen A	Approval Date: 09/14/2015 E	Expiration Date: ///					
	••						
E-mail Address: Manuel. roman & WNR. com	Conditions of Approval:						
		Attached					
Date: 7-11-15 Phone: 715-882-0400 H	Ensure BLM conccurence/approval.	1RP 3679					

* Attach Additional Sheets If Necessary





August 6, 2015

Manny Roman Environmental Manager Western Refining Wholesale 6500 Trowbridge Dr., El Paso, Texas 79905

Re: Spill Cleanup Report at Concho Corvo Federal #4H Lease, Lea County, New Mexico

Dear Mr. Roman:

D&H Petroleum & Environmental Services (D & H) responded to a spill incident that occurred at Concho Corvo Federal #4H Lease, Lea County, New Mexico. The spill occurred after the transfer of crude oil from production tank into a Western Refining tanker truck. The driver of the Western Refining tanker mistakenly left the tank valve open after product transfer. It was reported that approximately 546 gallons of crude oil were spilled after incident. The spilled product remained on site and covered an approximate area of 65ft by 125ft.

D&H arrived to the site on June 15, 2015, to assess the spill. D&H took measurements of affected area and performed exploratory pot holing to determine approximate volume of contamination. A DigTess request was placed immediately for the location of underground utilities near the property.

Upon approval, D&H personnel began cleanup activities. Excavation and disposal activities took place from June 15 through June 19, 2015. A total of 42 cubic yards of contaminated soil were removed and transported to R360 landfill in Carlsbad, NM. Upon approval, D&H arrived to site on July 24, 2015, to backfill excavated area.

In Attachment 1 you will find a site map with the location of samples and photographic documentation of cleanup activities in Attachment 2. Table #1 in Attachment 3, summarizes soil analysis of sampling activities during spill cleanup along with copies of laboratory analysis reports. Attachment 4 includes a summary of average depth to water at the site, based on the New Mexico Water Rights Reporting System. Attachment 5 includes a water well search report confirming the absence of water wells within ¹/₂

El Paso 1221 Tower Trail P.O. Box 17969 El Paso, Texas79917 Phone (915) 859-8150 Fax: (915) 859-7229 Albuquerque 4400 Anaheim P.O. Box 92407 Albuquerque, NM 87113 Phone (505) 342-2024 Fax (505) 342-2109

Amarillo 2401 RidgemereBlvd. Amarillo, TX 799107 Phone(806) 373-4251 Fax: (806) 373-4252 Farmington 907 South Hutton Farmington New Mexico, 87401 Phone(505) 325-7400 Fax: (505) 325-2309 Midland/Odessa 4318 South County Road 1290 Odessa, TX79765 Phone(432) 563-1132 Fax (432) 563-1134 Lubbock 2307 Clovis Rd. Lubbock, TX 79415 Phone (806) 762-2428 Fax: (806) 762-2426

Licensed in: Texas-CRP00091, New Mexico-010673, Arizona-108354 Web Site: www.dhpump.com Manny Roman Western Refining Wholesale August 6, 2015 **2**|P a g e

mile radius of the affected area. Attachment 6 includes a USGS topographic map confirming the absence of surface water bodies in the vicinity of the affected area. See Attachment 7 for disposal documentation of waste generated during cleanup.

As outlined in the OCD Guidelines for Remediation of Leaks, Spills and Releases and based on our findings, the site's top ranking score is 0. Therefore, the remediation action level for TPH is 5,000 mg/Kg. Confirmation samples show that the affected area has been cleaned to OCD standards and we recommend final closure.

Should you have any questions on this matter, please do not hesitate to give us a call at 915-859-8150 ext 133.

Sincerely yours,

Victor Ayala Branch Manager

ATTACHMENT 1

Site Map with Sample Locations



ATTACHMENT 2

Photographic Documentation

PHOTOGRAPHIC DOCUMENTATION

Location: <u>Concho Corvo Federal #4H</u> County, State: <u>Lea County, New Mexico</u> Subject: <u>Spill Cleanup Report</u>

Date: 6/15/15 - 7/24/15

Photograph: $\underline{1}$

Description: View showing location of spill.



Photograph: <u>2</u> Description: <u>View showing location of spill.</u>



PHOTOGRAPHIC DOCUMENTATION

Location: <u>Concho Corvo Federal #4H</u> County, State: <u>Lea County, New Mexico</u> Subject: <u>Spill Cleanup Report</u>

Date: 6/15/15 - 7/24/15

Photograph: 3

Description: <u>View showing excavation activities of affected area</u>.



Photograph: <u>4</u> Description: <u>View showing staging of contaminated soil.</u>



PHOTOGRAPHIC DOCUMENTATION

Location: <u>Concho Corvo Federal #4H</u> County, State: <u>Lea County, New Mexico</u> Subject: <u>Spill Cleanup Report</u> Date: 6/15/15 - 7/24/15

Photograph: <u>5</u>

Description: <u>View showing affected area after excavation activities.</u>



Photograph: <u>6</u> **Description:** <u>View showing site after backfill activities.</u>



ATTACHMENT 3

Laboratory Analysis Report



Hall Environmental Analysis Laboratory 4901 Hawkins NE Albuquerque, NM 87109 TEL: 505-345-3975 FAX: 505-345-4107 Website: <u>www.hallenvironmental.com</u>

June 22, 2015

Ray Vasquez D & H Petroleum & Environmental 1221 Tower Trail Lane El Paso, TX 79907 TEL: (915) 859-8150 FAX (915) 859-7229

RE: Western Refining Concho Site

OrderNo.: 1506850

Dear Ray Vasquez:

Hall Environmental Analysis Laboratory received 4 sample(s) on 6/18/2015 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to <u>www.hallenvironmental.com</u> or the state specific web sites. In order to properly interpret your results it is imperative that you review this report in its entirety. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. When necessary, data qualifers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

Please don't hesitate to contact HEAL for any additional information or clarifications.

ADHS Cert #AZ0682 -- NMED-DWB Cert #NM9425 -- NMED-Micro Cert #NM0190

Sincerely,

andy

Andy Freeman Laboratory Manager 4901 Hawkins NE Albuquerque, NM 87109

Analytical Report
Lab Order 1506850

Date Reported: 6/22/2015

Hall Environmental Analysis Laboratory, Inc.

CLIENT: D & H Petroleum & Environmental

Project: Western Refining Concho Site

Client Sample ID: Confirmation #1 Collection Date: 6/17/2015 8:53:00 AM Received Date: 6/18/2015 8:40:00 AM

Lab ID: 1506850-002	Matrix:	SOIL	Received	Date: 6/18/2015 8:40:00 AM				
Analyses	Result	RL Qu	al Units	DF	Date Analyzed	Batch		
EPA METHOD 8015D: DIESEL RAN	GE ORGANICS				Anal	yst: JME		
Diesel Range Organics (DRO)	ND	9.8	mg/Kg	1	6/19/2015 9:08:25 A	M 19771		
Motor Oil Range Organics (MRO)	ND	49	mg/Kg	1	6/19/2015 9:08:25 A	M 19771		
Surr: DNOP	120	57.9-140	%REC	1	6/19/2015 9:08:25 A	M 19771		
EPA METHOD 8015D: GASOLINE R	ANGE				Anal	yst: RAA		
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	6/19/2015 12:42:52	PM 19798		
Surr: BFB	83.8	75.4-113	%REC	1	6/19/2015 12:42:52	PM 19798		

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	В	Analyte
	Е	Value above quantitation range	Н	Holding
	J	Analyte detected below quantitation limits	ND	Not Dete
	0	RSD is greater than RSDlimit	Р	Sample
	р		DI	D

- R RPD outside accepted recovery limits
- S Spike Recovery outside accepted recovery limits
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
 - Detected at the Reporting Limit Page 1 of 5
- P Sample pH Not In Range
- RL Reporting Detection Limit

Analytical Report Lab Order 1506850

Date Reported: 6/22/2015

Hall Environmental Analysis Laboratory, Inc.

CLIENT:	: D & H Petroleum & Environme	ental		Client Sampl	e ID: Co	onfirmation #2	
Project:	Western Refining Concho Site			Collection 1	Date: 6/1	17/2015 9:04:00 AM	
Lab ID:	1506850-003	Matrix:	SOIL	Received 1	Date: 6 /1	18/2015 8:40:00 AM	
Analyses		Result	RL Qu	al Units	DF	Date Analyzed	Batch
EPA ME	THOD 8015D: DIESEL RANGE C	ORGANICS				Analyst	t: JME
Diesel R	ange Organics (DRO)	11	10	mg/Kg	1	6/19/2015 9:29:52 AM	19771
Motor O	il Range Organics (MRO)	ND	50	mg/Kg	1	6/19/2015 9:29:52 AM	19771
Surr:	DNOP	110	57.9-140	%REC	1	6/19/2015 9:29:52 AM	19771
EPA ME	THOD 8015D: GASOLINE RANG	ε				Analyst	: RAA
Gasoline	e Range Organics (GRO)	ND	5.0	mg/Kg	1	6/19/2015 1:11:41 PM	19798
Surr:	BFB	83.3	75.4-113	%REC	1	6/19/2015 1:11:41 PM	19798

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	В	Analyte detected in the associated M

- E Value above quantitation range
- J Analyte detected below quantitation limits
- 0 RSD is greater than RSDlimit
- RPD outside accepted recovery limits R
- S Spike Recovery outside accepted recovery limits
- Method Blank
- Holding times for preparation or analysis exceeded Η

Page 2 of 5

- ND Not Detected at the Reporting Limit
- Р Sample pH Not In Range
- RL Reporting Detection Limit

Analytical Report Lab Order 1506850

Date Reported: 6/22/2015

Hall Environmental Analysis Laboratory, Inc.

CLIENT:	D & H Petroleum & Environme	ntal		Cli	ient Samp	ole ID: Co	onfirmation #3	
Project:	Western Refining Concho Site			(Collection	Date: 6/1	7/2015 9:18:00 AM	
Lab ID:	1506850-004	Matrix:	SOIL		Received	Date: 6/1	8/2015 8:40:00 AM	
Analyses		Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA MET	THOD 8015D: DIESEL RANGE O	RGANICS					Analyst	JME
Diesel R	ange Organics (DRO)	ND	9.6		mg/Kg	1	6/19/2015 9:51:04 AM	19771
Motor Oi	I Range Organics (MRO)	ND	48		mg/Kg	1	6/19/2015 9:51:04 AM	19771
Surr: I	DNOP	109	57.9-140		%REC	1	6/19/2015 9:51:04 AM	19771
EPA MET	THOD 8015D: GASOLINE RANG	E					Analyst	RAA
Gasoline	Range Organics (GRO)	ND	5.0		mg/Kg	1	6/19/2015 1:40:24 PM	19798
Surr: I	BFB	83.7	75.4-113		%REC	1	6/19/2015 1:40:24 PM	19798

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	В	Analyte detected in the
	Е	Value above quantitation range	Н	Holding times for prepa

- J Analyte detected below quantitation limits
- O RSD is greater than RSDlimit
- RPD outside accepted recovery limits R
- S Spike Recovery outside accepted recovery limits
- e associated Method Blank
- paration or analysis exceeded

Page 3 of 5

- ND Not Detected at the Reporting Limit
- Р Sample pH Not In Range
- RL Reporting Detection Limit

QC SUMMARY REPORT Hall Environmental Analysis Laboratory, Inc.

WO#:	1506850
	22-Jun-15

	Petroleum & Refining C									
Sample ID MB-19771	SampT	ype: ME	BLK	TestCode: EPA Method 8015D: Diesel Range Organics						
Client ID: PBS	Batch	n ID: 19	771	R	unNo: 2	6936				
Prep Date: 6/17/2015	Analysis D	ate: 6/	19/2015	S	eqNo: 8	04485	Units: mg/k	(g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10								
Motor Oil Range Organics (MRO)	ND	50								
Surr: DNOP	9.1		10.00		90.8	57.9	140			
Sample ID LCS-19771	SampT	ype: LC	S	Tes	tCode: El	PA Method	8015D: Diese	el Range C	Organics	
Client ID: LCSS	Batch	n ID: 19	771	R	unNo: 2	6936				
Prep Date: 6/17/2015	Analysis D	ate: 6/	19/2015	S	eqNo: 8	04486	Units: mg/K	(g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	51	10	50.00	0	102	67.8	130			
Surr: DNOP	4.8		5.000		95.3	57.9	140			

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- Е Value above quantitation range
- J Analyte detected below quantitation limits
- 0 RSD is greater than RSDlimit
- R RPD outside accepted recovery limits
- S Spike Recovery outside accepted recovery limits
- В Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
 - Р Sample pH Not In Range
 - RL Reporting Detection Limit

	Petroleum & n Refining C									
Sample ID LCS-19798	SampT	ype: LC	S	Tes	tCode: El	PA Method	8015D: Gaso	oline Rang	e	
Client ID: LCSS	Batch	1D: 19	798	R	RunNo: 2	6956				
Prep Date: 6/18/2015	Analysis D	ate: 6/	19/2015	S	SeqNo: 8	05455	Units: mg/k	٢g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	26	5.0	25.00	0	105	64	130			
Surr: BFB	940		1000		94.4	75.4	113			
Sample ID MB-19798	SampT	ype: ME	BLK	Tes	tCode: El	PA Method	8015D: Gaso	oline Rang	е	
Client ID: PBS	Batch	ID: 19	798	R	aunNo: 2	6956				
Prep Date: 6/18/2015	Analysis D	ate: 6/	19/2015	S	SeqNo: 8	05456	Units: mg/k	٢g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	ND	5.0								
Surr: BFB	890		1000		88.8	75.4	113			

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- E Value above quantitation range
- J Analyte detected below quantitation limits
- O RSD is greater than RSDlimit
- R RPD outside accepted recovery limits
- S Spike Recovery outside accepted recovery limits
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
 - P Sample pH Not In Range
 - RL Reporting Detection Limit

Client Name: DH Petro ELPASO	Work Order Number:	 Hall Environmental Analysis Laboratory 4901 Hawkins NE Albuquerque, NM 87109 TEL: 505-345-3975 FAX: 505-345-4107 Website: www.hallenvironmental.com 							
Received by/date: LM		15068	50		Rcpth	No: 1			
	06/18/15				~				
ogged By: Celina Sessa	6/18/2015 8:40:00 AM			Celin Celin	Sum				
Completed By: Celina Sessa	6/18/2015 9:27:29 AM			alin	Sman				
Reviewed By:	06/18/19								
Chain of Custody	0 1.01.								
1. Custody seals intact on sample bottles?		Yes		No 🗆	Not Present				
2. Is Chain of Custody complete?		Yes	-	No 🗌	Not Present				
3. How was the sample delivered?		FedE	x						
Log In									
 Was an attempt made to cool the sample 	es?	Yes	\checkmark	No 🗌	NA				
5. Were all samples received at a temperat	ture of >0° C to 6.0°C	Yes	•	No 🗌	NA [
6. Sample(s) in proper container(s)?		Yes	✓	No	1				
7. Sufficient sample volume for indicated te	est(s)?	Yes		No 🗌					
8. Are samples (except VOA and ONG) pro	operly preserved?	Yes	V	No 🗌					
9. Was preservative added to bottles?		Yes		No 🔽	NA	2250			
10. VOA vials have zero headspace?		Yes		No 🗌	No VOA Vials	~			
11. Were any sample containers received b	roken?	Yes		No 🖌	# of preserved				
12. Does paperwork match bottle labels?	2	Yes	~	No 🗌	bottles checked for pH:	<2 or >12 unless noted)			
(Note discrepancies on chain of custody		Yes	~	No 🗌	Adjusted				
 Are matrices correctly identified on Chai Is it clear what analyses were requested 		Yes		No 🗆					
 Were all holding times able to be met? (If no, notify customer for authorization.) 		Yes		No 🗌	Checked b	ру:			
Special Handling (if applicable)									
16. Was client notified of all discrepancies v	with this order?	Yes		No	NA	V			
Person Notified.	Date				-				
By Whom	Via:	eM	ail 🗌 A	Phone 🗌 Fa	ix 🗌 In Person				
Regarding:									
Client Instructions:									
17. Additional remarks: 18. <u>Cooler Information</u>	Seal Intact Seal No	Seal D	ate	Signed By	T				
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Onlice: Yes D Sample Temperature: 3, 0 Sample Temperature: 3, 0 Sample Temperature: 3, 0 Table Temperature: 1, 1, 0		Terristaws	8085 70 S (1) (1) (1) (1) (1) (1) (1) (1) (1) (1)	
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Date Time Remarks:				
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Date Time Remarks:				
Date Time Remarks:				
Date Time Remarks:				
Date Time Remarks:				
Date		Date		
N. I.XIX		Date 1		
		13	241	

Ň 5 y Ľ If necessary, samples submitted to Hall Environmental may be subcontracted to other addredited laboratories. This serves as notice of this possibility. Any sub-



Hall Environmental Analysis Laboratory 4901 Hawkins NE Albuquerque, NM 87109 TEL: 505-345-3975 FAX: 505-345-4107 Website: <u>www.hallenvironmental.com</u>

July 21, 2015

Roland Glidden D & H Petroleum & Environmental 1221 Tower Trail Lane El Paso, TX 79907 TEL: (915) 859-8150 FAX (915) 859-7229

RE: Concho

OrderNo.: 1507791

Dear Roland Glidden:

Hall Environmental Analysis Laboratory received 6 sample(s) on 7/17/2015 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to <u>www.hallenvironmental.com</u> or the state specific web sites. In order to properly interpret your results it is imperative that you review this report in its entirety. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. When necessary, data qualifers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

Please don't hesitate to contact HEAL for any additional information or clarifications.

ADHS Cert #AZ0682 -- NMED-DWB Cert #NM9425 -- NMED-Micro Cert #NM0190

Sincerely,

andy

Andy Freeman Laboratory Manager 4901 Hawkins NE Albuquerque, NM 87109

Analytical Report Lab Order 1507791 Date Reported: 7/21/2015

Hall Environmental Analysis Laboratory, Inc.

CLIENT: D & H Petroleum & Environmental

Project: Concho

Client Sample ID: Confirm Concho 1 Collection Date: 7/16/2015 12:00:00 PM Baseived Date: 7/17/2015 0:25:00 AM

Lab ID: 1507791-004	Matrix: SOIL Received Date: 7/1				17/2015 9:25:00 AM			
Analyses	Result	RL Qu	al Units	DF	Date Analyzed	Batch		
EPA METHOD 8021B: VOLATILES					Analy	st: NSB		
Methyl tert-butyl ether (MTBE)	ND	0.095	mg/Kg	1	7/20/2015 11:48:18 A	M 20306		
Benzene	ND	0.048	mg/Kg	1	7/20/2015 11:48:18 A	M 20306		
Toluene	ND	0.048	mg/Kg	1	7/20/2015 11:48:18 A	M 20306		
Ethylbenzene	ND	0.048	mg/Kg	1	7/20/2015 11:48:18 A	M 20306		
Xylenes, Total	ND	0.095	mg/Kg	1	7/20/2015 11:48:18 A	M 20306		
Surr: 4-Bromofluorobenzene	99.8	80-120	%REC	1	7/20/2015 11:48:18 A	M 20306		

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Refer to the QC Summary report and sample login checknist for hagged QC data and preservation mitorina

Qualifiers:	*	Value exceeds Maximum Contaminant Level.
	Е	Value above quantitation range
	J	Analyte detected below quantitation limits
	0	RSD is greater than RSDlimit

- O RSD is greater than RSDlimitR RPD outside accepted recovery limits
- S Spike Recovery outside accepted recovery limits
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded

Page 1 of 5

- ND Not Detected at the Reporting Limit
- P Sample pH Not In Range
- RL Reporting Detection Limit

Analytical Report Lab Order 1507791 Date Reported: 7/21/2015

Hall Environmental Analysis Laboratory, Inc.

CLIENT: D & H Petroleum & Environmental

Project: Concho

Client Sample ID: Confirm Concho 2 Collection Date: 7/16/2015 12:05:00 PM

Lab ID: 1507791-005	Matrix:	SOIL	Date: 7/17/2015 9:25:00 AM	/2015 9:25:00 AM		
Analyses	Result	RL Qu	al Units	DF Date Analyzed	Batch	
EPA METHOD 8021B: VOLATILES				Analy	vst: NSB	
Methyl tert-butyl ether (MTBE)	ND	0.10	mg/Kg	1 7/20/2015 12:17:09 F	PM 20306	
Benzene	ND	0.050	mg/Kg	1 7/20/2015 12:17:09 F	PM 20306	
Toluene	ND	0.050	mg/Kg	1 7/20/2015 12:17:09 F	PM 20306	
Ethylbenzene	ND	0.050	mg/Kg	1 7/20/2015 12:17:09 F	PM 20306	
Xylenes, Total	ND	0.10	mg/Kg	1 7/20/2015 12:17:09 F	PM 20306	
Surr: 4-Bromofluorobenzene	100	80-120	%REC	1 7/20/2015 12:17:09 F	PM 20306	

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	В	Analyte detected in t
	Е	Value above quantitation range	Н	Holding times for pro-
	J	Analyte detected below quantitation limits	ND	Not Detected at the H

- Analyte detected below qualitation I
 RSD is greater than RSDlimit
- R RPD outside accepted recovery limits
- S Spike Recovery outside accepted recovery limits
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit Page 2 of 5
- P Sample pH Not In Range
- RL Reporting Detection Limit

Analytical Report Lab Order 1507791 Date Reported: 7/21/2015

Hall Environmental Analysis Laboratory, Inc.

CLIENT: D & H Petroleum & Environmental

Project: Concho

Client Sample ID: Confirm Concho 3 Collection Date: 7/16/2015 12:10:00 PM

Lab ID: 1507791-006	Matrix: SOIL Recei			Received Date: 7/17/2015 9:25:00 AM					
Analyses	Result	RL Qu	al Units	DF Date	Analyzed	Batch			
EPA METHOD 8021B: VOLATILES					Analys	t: NSB			
Methyl tert-butyl ether (MTBE)	ND	0.099	mg/Kg	1 7/20/	/2015 1:14:44 PM	20306			
Benzene	ND	0.049	mg/Kg	1 7/20/	/2015 1:14:44 PM	20306			
Toluene	ND	0.049	mg/Kg	1 7/20/	/2015 1:14:44 PM	20306			
Ethylbenzene	ND	0.049	mg/Kg	1 7/20/	/2015 1:14:44 PM	20306			
Xylenes, Total	ND	0.099	mg/Kg	1 7/20/	/2015 1:14:44 PM	20306			
Surr: 4-Bromofluorobenzene	100	80-120	%REC	1 7/20/	/2015 1:14:44 PM	20306			

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	В	Analyte detected in the associated Meth

- E Value above quantitation range
- J Analyte detected below quantitation limits
- 0 RSD is greater than RSDlimit
- R RPD outside accepted recovery limits
- Spike Recovery outside accepted recovery limits S
- Analyte detected in the associated Method Blank в
- Holding times for preparation or analysis exceeded Н
- ND Not Detected at the Reporting Limit Page 3 of 5
- Р Sample pH Not In Range
- RL Reporting Detection Limit

QC SUMMARY REPORT Hall Environmental Analysis Laboratory, Inc.

Client: Project:	D & H P Concho	etroleum &	& Enviro	onmental							
Sample ID		Samo	Гуре: МЕ	RI K	Tes	tCode: El	PA Method	8021B: Vola	tilos		
	PBS	•	h ID: 20			RunNo: 2					
	7/17/2015							Linito: ma/k	(a		
-	//1//2015	Analysis E				SeqNo: 8		Units: mg/k	-		Qual
Analyte Methyl tert-buty	l ether (MTRF)	Result ND	PQL 0.10	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene		ND	0.050								
Toluene		ND	0.050								
Ethylbenzene		ND	0.050								
Xylenes, Total		ND	0.10								
Surr: 4-Brom	ofluorobenzene	0.97		1.000		96.9	80	120			
Sample ID	LCS-20306	Samp	Гуре: LC	s	Tes	tCode: El	PA Method	8021B: Vola	tiles		
Client ID: LCSS Batch ID: 20306				F	RunNo: 2	7604					
Prep Date:	7/17/2015	Analysis E	Date: 7/	20/2015	S	SeqNo: 8	29406	Units: mg/k	٢g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Methyl tert-buty	l ether (MTBE)	0.96	0.10	1.000	0	96.4	69.8	143			
Benzene		0.99	0.050	1.000	0	99.0	76.6	128			
Toluene		0.97	0.050	1.000	0	96.9	75	124			
Ethylbenzene		0.99	0.050	1.000	0	98.7	79.5	126			
Xylenes, Total		2.9	0.10	3.000	0	98.1	78.8	124			
Surr: 4-Brom	ofluorobenzene	1.1		1.000		107	80	120			
Sample ID	1507791-002AMS	Samp	Гуре: МS	6	Tes	tCode: El	PA Method	8021B: Vola	tiles		
Client ID:	Confirm 2	Batc	h ID: 20	306	F	RunNo: 2	7604				
Prep Date:	7/17/2015	Analysis [Date: 7/	20/2015	5	SeqNo: 8	29407	Units: mg/k	٢g		
Analyte		Result	PQL		SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Methyl tert-buty	I ether (MTBE)	0.97	0.097	0.9699	0	100	53.6	133			
Benzene		1.0	0.048	0.9699	0	105	69.6	136			
Toluene		0.97	0.048	0.9699	0	100	76.2	134			
Ethylbenzene		1.0	0.048	0.9699	0	103	75.8	137			
Xylenes, Total	ofluorobenzene	3.0 1.0	0.097	2.910 0.9699	0	103 106	78.9 80	133 120			
			_								
	1507791-002AMS		Гуре: МS			tCode: El RunNo: 2		8021B: Vola	tiles		
Client ID: Prep Date:	7/17/2015	Analysis E	h ID: 20 :			SeqNo: 2		Inite: mar//	(a		
-	//1//2015							Units: mg/k	-		Qual
Analyte Methyl tert-buty	l ether (MTRE)	Result 0.95	PQL 0.094	0.9372	SPK Ref Val	%REC 102	LowLimit 53.6	HighLimit 133	%RPD 2.26	RPDLimit 20	Qual
Benzene		0.95	0.094	0.9372	0	102	53.6 69.6	135	6.32	20 20	
Toluene		0.90	0.047	0.9372	0	96.7	76.2	130	0.32 7.12	20	
IUIUEIIE		0.01	0.047	0.0012	0	50.7	10.2	104	1.14	20	
Ethylbenzene		0.93	0.047	0.9372	0	99.3	75.8	137	7.01	20	

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- Е Value above quantitation range
- J Analyte detected below quantitation limits
- 0 RSD is greater than RSDlimit
- R RPD outside accepted recovery limits
- S Spike Recovery outside accepted recovery limits
- В Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- Р Sample pH Not In Range
- Reporting Detection Limit RL

Page 4 of 5

21-Jul-15

Client: Project:	D & H Per Concho	troleum & I	Enviro	onmental							
Sample ID	1507791-002AMSD	SampTy	pe: M	SD	Test	Code: EF	PA Method	8021B: Volat	iles		
Client ID:	Confirm 2	Batch I	D: 20	306	R	unNo: 27	7604				
Prep Date:	7/17/2015	Analysis Da	te: 7/	/20/2015	S	eqNo: 82	29408	Units: mg/K	g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Xylenes, Total		2.8	0.094	2.812	0	99.1	78.9	133	7.40	20	
Surr: 4-Brom	ofluorobenzene	1.0		0.9372		106	80	120	0	0	
Sample ID	MB-20308	SampTy	pe: MI	BLK	Test	Code: EF	PA Method	8021B: Volat	iles		
Client ID:	PBS	Batch I	D: 20	308	R	unNo: 27	7604				
Prep Date:	7/17/2015	Analysis Da	te: 7/	/20/2015	S	eqNo: 82	29414	Units: %RE	C		
Analyte		Desult	DOI								
		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: 4-Brom	ofluorobenzene	0.97	PQL	SPK value 1.000	SPK Ref Val	%REC 96.8	LowLimit 80	HighLimit 120	%RPD	RPDLimit	Qual
	uofluorobenzene			1.000		96.8	80	5		RPDLimit	Qual
	LCS-20308	0.97	pe: LC	1.000	Test	96.8	80 PA Method	120		RPDLimit	Qual
Sample ID	LCS-20308 LCSS	0.97 SampTy	pe: LC D: 20	1.000 CS 0308	Test	96.8 Code: Ef	80 PA Method 7604	120	iles	RPDLimit	Qual
Sample ID Client ID:	LCS-20308 LCSS	0.97 SampTyj Batch I Analysis Da	pe: LC D: 20	1.000 CS 308 /20/2015	Test	96.8 Code: Ef unNo: 27 SeqNo: 82	80 PA Method 7604	120 8021B: Volat	iles	RPDLimit	Qual

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- E Value above quantitation range
- J Analyte detected below quantitation limits
- O RSD is greater than RSDlimit
- R RPD outside accepted recovery limits
- S Spike Recovery outside accepted recovery limits
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
 - P Sample pH Not In Range
 - RL Reporting Detection Limit

HALL ENVIRONMENTAL ANALYSIS LABORATORY	Hall Environmental A. Albuq TEL: 505-345-3975 F Website: www.hall	4901 Hawkins NE uerque, NM 87109 AX: 505-345-4107	Sampl	le Log-In Check List	
Client Name: DH Petro ELPASO	Work Order Number:	1507791		RcptNo: 1	
Received by/date:	21/17/15		A>		
Logged By: Ashley Gallegos	7/17/2015 9:25:00 AM	7	A J		
Completed By: Ashley Gallegos	7/17/2015 11:23:11 AM	9	F7		
Reviewed By: <u>TO</u>	07/17/15				
Chain of Custody	ţ,		r1		
1. Custody seals intact on sample bottles?		Yes	No 🛄	Not Present	
2. Is Chain of Custody complete?		Yes 🛃	No [_]	Not Present	
3. How was the sample delivered?		FedEx			
Log In					
4. Was an attempt made to cool the samples	\$?	Yes 🐱	No 🗌	NA 🛄	
5. Were all samples received at a temperatu	re of >0° C to 6.0°C	Yes 🛃	No	NA 🗋	
6. Sample(s) in proper container(s)?		Yes 🛃	No [.]		
7. Sufficient sample volume for indicated tes	t(s)?	Yes 🛃	No []		
8. Are samples (except VOA and ONG) prop		Yes 🛃	No 🗔	r 1	
9. Was preservative added to bottles?		Yes	No 🖈	NA	
10.VOA vials have zero headspace?		Yes	No 🗔	No VOA Vials 🛃	
11. Were any sample containers received bro	oken?	Yes	No 🛃	H C	
				# of preserved bottles checked	
12. Does paperwork match bottle labels?		Yes 🛃	No 🛄	for pH: (<2 or >12 unless note	d)
(Note discrepancies on chain of custody)	of Custody2	Yes 🛃	No []]	Adjusted?	
13. Are matrices correctly identified on Chain 14. Is it clear what analyses were requested?		Yes 🛃	No 🗆		
15. Were all holding times able to be met?		Yes 🛃	No [_]	Checked by:	
(If no, notify customer for authorization.)					
Special Handling (if applicable)				r.)	
16. Was client notified of all discrepancies with	ith this order?	Yes 🗌	Noll	NA 🔛	
Person Notified:	Date	<u></u>	<u> </u>		
By Whom:	Via:	[] eMail [] Ph	one [] Fax		
Regarding:		an an is an a state and a state and a state of the stat		any) s su per a la constante ante de administra se se a constante de la constante de la constante de la constant	
Client Instructions:					
17. Additional remarks:					
18. Cooler Information				1	
Cooler No Temp °C Condition	Seal Intact Seal No	Seal Date	Signed By		
1 1.0 Good				•	

 A HALL ENVIRONMENTAL HALL ENVIRONMENTAL ANALYSIS LABORATORY www.hallenvironmental.com 4901 Hawkins NE - Albuquerque, NM 87109 4901 Hawkins NE - Albuquerque, NM 87109 Tel. 505-345-3975 Fax 505-345-4107 Tel. 505-345-3975 Request 	BTEX + MTBE + TMB's (8021) BTEX + MTBE + TPH (Gas only) TPH Method 8015B (Gas/Diesel) TPH (Method 504.1) EDB (Method 504.1) 8310 (PUA or PAH) RCRA 8 Metals 8310 (PUA or PAH) 8081 Pesticides / 8082 PCB's 8260B (VOA) 82500 (YOA) 8270 (Semi-VOA) 8270 (Semi-VOA)			Date Time Remarks: Date Time Semarks: Date Time Date Time Directory Direct
Turn-Around Time: Some Day turnow for the Standard Bush 21 Ame. Project Name: Conch D Project Name: Conch D Co	中国の Project Manager: とうわっていいしん アンジオント カワーク とうういまて Sampler: 大学家 日 No On Ice: 大学家 日 No Sample Temperature: 1,0° Container Preservative HEAL No. Type and # Type / 50779/	1 402 XC2 -001		Received by: Date Time $UUUUU Smc 07/17/15 0925$ Received by: Date Time contracted to other accredited taboratories. This serves as notice of
ain-of-Custody Record	Other Contract of Cult Validation)	Fron 1:02/02 414	7/16 1050 501 601 201 201 10 7/16 12.00 501) CONFRANCION	Date: Time: Relinquished by 7 1/4 4/bu 7 1/4 2/bu 7 1/4 2/bu 7 1/6 2/bu 7 1/1 2/bu 7 1/bu 2/bu 7 2/bu 2/bu </td

ATTACHMENT 4

Water Column/Average Depth to Water



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

No records found.

Basin/County Search:

County: Lea

PLSS Search:

Section(s): 29

Township: 24S

Range: 32E

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.

ATTACHMENT 5

Water Well Search



Water Well Report

http://www.geo-search.net/QuickMap/index.htm?DataID=Standard0000116035 Click on link above to access the map and satellite view of current property

> Target Property: Western Refining - Concho Corvo 1703 Commerce Dr Carlsbad, Eddy County, New Mexico 88220

> > Prepared For:

D&H Petroleum & Environmental

Order #: 53084 Job #: 116035 Project #: 470644 PO #: 335092 Date: 07/29/2015

phone: 888-396-0042 · fax: 512-472-9967 · www.geo-search.com

TARGET PROPERTY SUMMARY

Western Refining - Concho Corvo 1703 Commerce Dr Carlsbad, Eddy County, New Mexico 88220

USGS Quadrangle: Paduca Breaks Nw, NM Target Property Geometry:Point

Target Property Longitude(s)/Latitude(s): (-103.703703, 32.182320)

County/Parish Covered: Lea (NM)

Zipcode(s) Covered: Jal NM: 88252

State(s) Covered:

*Target property is located in Radon Zone 2. Zone 2 areas have a predicted average indoor radon screening level between 2 and 4 pCi/L (picocuries per liter).

Disclaimer - The information provided in this report was obtained from a variety of public sources. GeoSearch cannot ensure and makes no warranty or representation as to the accuracy, reliability, quality, errors occurring from data conversion or the customer's interpretation of this report. This report was made by GeoSearch for exclusive use by its clients only. Therefore, this report may not contain sufficient information for other purposes or parties. GeoSearch and its partners, employees, officers and independent contractors cannot be held liable for actual, incidental, consequential, special or exemplary damages suffered by a customer resulting directly or indirectly from any information provided by GeoSearch.



DATABASE FINDINGS SUMMARY

DATABASE	ACRONYM	LOCA- U TABLE T		SEARCH RADIUS (miles)
FEDERAL				
UNITED STATES GEOLOGICAL SURVEY NATIONAL WATER INFORMATION SYSTEM	NWIS	0	0	0.5000
SUB-TOTAL		0	0	
STATE (NM)				
WATER ADMINISTRATION TECHNICAL ENGINEERING RESOURD	CE WATERS	0	0	0.5000
SUB-TOTAL		0	0	

TOTAL

GeoSearch

0

DATABASE FINDINGS SUMMARY 1

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LOCATABLE DATABASE FINDINGS

ACRONYM	SEARCH RADIUS (miles)	TP/AP (0 - 0.02)	1/8 Mile (> TP/AP)	1/4 Mile (> 1/8)	1/2 Mile (> 1/4)	1 Mile (> 1/2)	> 1 Mile	Total	
FEDERAL									
NWIS	.5000	0	0	0	0	NS	NS	0	
SUB-TOTAL		0	0	0	0	0	0	0	
STATE (NM)									
WATERS	.5000	0	0	0	0	NS	NS	0	
SUB-TOTAL		0	0	0	0	0	0	0	





JOB #: 116035 - 7/29/2015

ENVIRONMENTAL RECORDS DEFINITIONS - FEDERAL

NWIS

United States Geological Survey National Water Information System

VERSION DATE: 7/2014

This USGS National Water Information System database only includes groundwater wells. The USGS defines this well type as: A hole or shaft constructed in the earth intended to be used to locate, sample, or develop groundwater, oil, gas, or some other subsurface material. The diameter of a well is typically much smaller than the depth. Wells are also used to artificially recharge groundwater or to pressurize oil and gas production zones. Additional information about specific kinds of wells should be recorded under the secondary site types or the Use of Site field. Underground waste-disposal wells should be classified as waste-injection wells.



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ENVIRONMENTAL RECORDS DEFINITIONS - STATE (NM)

WATERS Water Administration Technical Engineering Resource System

VERSION DATE: 4/2014

This water well location data was extracted from the NM Office of the State Engineer's Water Administration Technical Engineering Resource System database. Changes are periodically added to the information and may be made at any time. The database may contain information for areas not complete, including in-progress areas, this information should not be relied on as accurate or complete.



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ATTACHMENT 6

USGS Topographic Map



ATTACHMENT 7

Waste Disposal Documentation

	/			
NEV	V MEXICO NON-HAZARDOUS OILFEILD WASTE	MANIFEST Company Man Contact Information		
R360	(PLEASE PRINT)	Name Phone No		
INVERTICAL SALTIENS	CENERATOR	ND 105000		
<u>C</u> <u>C</u> <u>C</u>	GENERATOR	Corvo Secto 30034H		
Operator No	Location of Origin Lease/Well	COG Production LLC		
Operators Name Western Refining who		ZEA		
Address 1703 Commerce Rd	County	30-025-41912-0000		
Carkbad NM 882	API No. Rig Name & No.			
City, State, Zip C75_234 1414	AFE/PO No.			
Phone No.	e Identification and Amount (place volume next to wa	aste type in barrels or cubic yards)		
Oil Barad Muds	TABLE WATERS	INJECTABLE WATERS		
Oil Based Cuttings Washout V	Vater (Non-Injectable) n Fluid/Flow back (Non-Injectable)	Completion Fluid/Flow back (Injectable)		
Water Based fultings Produced	Water (Non-Injectable)	Produced Water (Injectable) Gathering Line Water/Waste (Injectable)		
INTERNAL	Line Water/Waste (Non-Injectable) USE ONLY	OTHER EXEMPT WASTES (type and generation process of the waste)		
	hout (exempt waste)			
Gas Plant Waste		PRODUCTION GATHERING LINES		
	NON EVENANT 58.0 Waste /Service Identification and Ann	ount the second s		
All non-exempt E&P waste must	be analysed and be below the threshold limits for toxicity (TC	LP), Ignitability, Corrosivity and Reactivity.		
Non-Exempt Other	*please select fr	om Non-Exempt Waste List on back		
QUANTITY / () / () dS	B - BARRELS L - LIQUID	Y - YARDS E - EACH		
dual in the terredient to the Resource Concervation and	Recovery Act (RCRA) and the US Environmental Protection A	gency's July 1988 regulatory determination, the above described waste		
I hereby certify that according to the Resource conservation and load is (Check the appropriate classification)		in the two exempt waste (\$360 Accents certifications on a per		
Oil field wastes generated fr		e not mixed with non-exempt waste (R360 Accepts certifications on a per		
month only)	nazardous that does not exceed the minimum standards for v	waste hazardous by characteristics established in RCRA regulations, 40 CFR		
261.21-261.24, or listed haza	ardous waste as defined by 40 CFR, part 261, subpart D, as an	nended. The following documentation demonstrating the waste as non-		
	k the appropriate items as provided) RCRA Hazardous Waste Analysis	Other (Provide Description Below)		
MSDS Information		a star destar in a server of		
Emergency non-hazradous,	non-oilfeild waste that has been ordered by the Department	of Public Safety (the order, documentation of non-hazardous waste		
EMERGENCY NON-OILFEILD: determination and a descipt	ion of the waste must accompany this form)	MUNC		
(PRINT) AUTHORIZED AGENTS SIGNATURE	DATE	SIGNATURE		
(PRINT) AD INO RED ADDITION DO THE	TRANSPORTER			
Transporter's Dat 4 Prince of Francisco		Justin T. Trevizo		
Name D+H Pump + Environ	Mental Print Name			
Address JZZT Tober Truit	199 Phone No.			
El Paso TX /	Truck No.			
Phone No. I hereby certify that the above named material(s) was/were pick	ed up at the Generator's site listed above and delivered with	out incident to the disposal facility listed below.		
$C_{6} = 18.2015$	U U	IVERY DATE DRIVER'S SIGNATURE		
SHIPMENT DATE DRIVER'S S	IGNATURE	RECEIVING AREA		
TRUCK TIME STAMP	DISPOSAL FACILITY	Name/No.		
IN: OUT:				
Site Name/ Permit No. Halfway Facility / NM1-006	Phone No.	575-393-1079		
Address Mile Marker 66 Hwy 62/180 Carlsbad, NM 88	220			
	ES NO If YES, was rea	ading > 50 micro roentgens? (circle one) YES NO		
PASS THE PAINT FILTER TEST? (Circle One)	YES			
	TANK BOTTOMS			
Feet	Inches	BS&W/BBLS Received BS&W (%)		
1st Gauge		Free Water		
Received		Total Received		
J hereby certify that the above load material has been (circle	e one): / ACCEPTED DENIED If denied, w	hy?		
hereby certiny that the above load materian has been tenew	Ille KUIN HE	3 Anta)		
NAME (PRINT)	DATE TITLE	S SIGNATURE		
		Version		



Customer: COG OPERATING LLC Customer #: CRI2120 Ordered by: MANNY ROGERS AFE #: PO #: Manifest #: 195073 Manif. Date: 6/18/2015 Hauler: D & H TRUCKING Driver JUSTIN Truck # 453 Card #

Job Ref #

Ticket #:	700-702378
Bid #:	Walk-in Bid
Date:	6/18/2015
Generator:	COG OPERATING LLC
Generator #:	
Well Ser. #:	41912
Well Name:	CORVO FEDERAL
Well #:	004H
Field:	
Field #:	
Rig:	NON-DRILLING
County	LEA (NM)

Facility: CRI

Permian Basin

Product / Service

Contaminated Soil (RCRA Exempt)

Quantity Units 10.00 yards

Generator Certification Statement of Waste Status

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is:

X RCRA Exempt: Oil Field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste.

_____ RCRA Non-Exempt: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24 or listed hazardous waste as defined in 40 CFR, part 261, subpart D, as amended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate items): ______ MSDS Information _____ RCRA Hazardous Waste Analysis ______ Process Knowledge ______ Other (Provide description above)

Driver/ A	gent Signature	

R360 Representative Signature

Customer Approval

THIS IS NOT AN INVOICE!

Approved By:

Date:

0		NEW MEXICO NON-HAZARDO	DUS OIL FEILD WASTE N	ANIFEST Compa	ny Man Contact Information
R360			E PRINT)	Name Phone No.	
ENVISION STATE	4		1200	Priorie NO.	70)
		GENE	RATOR	Corvo Kelonal	13
Operator No.	0.0.		Location of Origin Lease/Well	COG Peodrut	in II C
Operators Name WESTER	IN RETINING	Wholzsak LLC	Name & No.	LEN WORLD	ion and
Address 1703	Commence		County	30-025-419	12-0000
0		88220	API No.	<u> </u>	
City, State, Zip	bad N.M.	14 DBORRO	Rig Name & No. AFE/PO No.		
Phone No. (575)	224-11	ste/Service Identification and Amount		aste type in barrels or cubic yards)	- of Same Sala
	EXEMPT E&P Was	NON-INJECTABLE WATERS	place volume next to wa	INJECTABLE WATERS	renges of Conxella
Oil Based Muds Oil Based Cuttings		Washout Water (Non-Injectable)		Washout Water (Injectable) Completion Fluid/Flow back (Injectable)	
Water Based Muds		Completion Fluid/Flow back (Non-Injectable Produced Water (Non-Injectable)	2)	Produced Water (Injectable)	
Water Based Cuttings Produced Formation Solids		Gathering Line Water/Waste (Non-Injectab	le)	Gathering Line Water/Waste (Injectable OTHER EXEMPT WASTES (type and genera	e) tion process of the waste)
Tank Bottoms E&P Contaminated Soil	1	INTERNAL USE ONLY Truck Washout (exempt waste)			
Gas Plant Waste				PRODUCTION GA	THERING LINES
WASTE GENERATION PROCE	SS:	Diffective			
mo monanangia in madan	All pop evenuet C0.D.	NON-EXEMPT E&P Waste/Se vaste must be analysed and be below the thr	rvice Identification and Amo eshold limits for toxicity (TCL	P), Ignitability, Corrosivity and Reactivity	
Non-Exempt Other	All non-exempt E&P w	aste must be analysed and se ease	*please select fro	om Non-Exempt Waste List on back	a and a state
Non-Exempt other		D DADDELC	L - LIQUID	Y - YARDS	E - EACH
QUANTITY	102	B - BARRELS		ency's July 1988 regulatory determinatio	n, the above described waste
I hereby certify that according to load is (Check the appropriate c		vation and Recovery Act (RCRA) and the US			
	Oil field wastes g	enerated from oil and gas exploration and pr	oduction operations and are	not mixed with non-exempt waste (R360) Accepts certifications on a per
RCRA EXEMPT:	month only)	nich is non-hazardous that does not exceed t			
RCRA NON-EXEMPT:	Oil field waste wh	hich is non-hazardous that does not exceed t r listed hazardous waste as defined by 40 CFI	R, part 261, subpart D, as am	ended. The following documentation der	monstrating the waste as non-
	hazardous is atta	ched. (Check the appropriate items as provid	led)		
	MSDS Informatio	n RCRA Hazardous Waste	Analysis	Other (Provide Description Below)	
		nazradous, non-oilfeild waste that has been o	ordered by the Department o	of Public Safety (the order, documentatio	n of non-hazardous waste
EMERGENCY NON-OILFE	LD: determination ar	nd a desciption of the waste must accompany	y this form)	men	
Manny	Coman		6-18-15	SIGNATU	RE
(PRINT) AUTHORIZED AGE	ITS SIGNATURE	70 4 4 1	COODTED		
	â en la c	TRANS	SPORTER	Justin T. TRO	
Transporter's DAHP	STROLEUM	\$ ENVIROMENTEL	Driver's Name	JUSTIN 1. TRO	0120
Address 12211	OWENTRE	aillas	Print Name		
Elfa	SO TX 7	9907	Phone No.		
Phone No. (915)	858-81	50	Truck No.		alow /
I hereby certify that the above	named material(s) wa	s/were picked up at the Generator's site liste	ed above and delivered witho		
CO-18-B SHIPMENT DATE	- yer	DRIVER'S SIGNATURE	DELIV	ERIDATE	DRIVER'S SIGNATURE
-21/V//00/08/07/2020/08/	TIME STAMP	DISPOS	AL FACILITY	RECEIVIN	G AREA
IN:	OUT:			Name/No.	50101
-			Phone No.		
	ility / NM1-006		Phone No.	575-393-1079	
Address Mile Marker	66 Hwy 62/180 Carlst		IENES	ding > 50 micro roentgens? (circle one)	YES NO
	GS TAKEN? (Circle On		NO)	ang > 50 micro roemgens, (enere one)	
PASS THE PAINT FI	LTER TEST? (Circle On	e) YES	BOTTOMS		
	Foot	Inches			
1st Gauge	Feet	Inclus	B	S&W/BBLS Received	BS&W (%)
2nd Gauge				Free Water Total Received	
Received					
I hereby certify that the ab	ove load material has	been (circle one): ACCEPTED	DENIED If denied, wh	X2 Think	Marall
1 sharafe	Nolla	(0) K 15A	MANY	Signat	H Gull
NAME (PRI	MI CITI	DATE	The A	SIGNAL	
		1 A			

ENVIRONMENTAL SOLUTIONS Permian Basin	AFE #: PO #:	MANNY ROMAN	Ticket #: Bid #: Date: Generator: Generator #: Well Ser. #: Well Name: Well #: Field: Field #: Rig: County	
Facility: CRI				
Product / Service		Quantity	Units	
Contaminated Soil (RCRA Exemp	t)	-12:00	yards	
Generator Certification Statemen	t of Waste St	atus		
I hereby certify that according to the Re 1988 regulatory determination, the abo X RCRA Exempt: Oil Field wastes go waste. RCRA Non-Exempt: Oil field wast characteristics established in RCRA reg amended. The following documentation MSDS Information RCRA H	esource Conser ve described wa enerated from o we which is non- gulations, 40 Cl p is attached to	vation and Recovery Act (RCRA) a aste is: bil and gas exploration and production -hazardous that does not exceed the FR 261.21-261.24 or listed hazardo	on operations and minimum standa us waste as defin vaste is non-haza o Other (Pro	d are not mixed with non-exempt ords for waste hazardous by ed in 40 CFR, part 261, subpart D, as rdous. (Check the appropriate items):
Driver/ Agent Signature	the same ser	H360 Representative	Signature	
		59 ¹⁰ .		
Customer Approval				
	TH	IS IS NOT AN INVO	ICE!	
Approved By:		Date:		
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R360	NEW ME	EXICO NON-HAZARDOU (PLEASE		MANIFEST Com Name Ph <u>one N</u>	ipany Man Contact Informat
Sharlows		GENER	ATOP	NO 105	070
Operator No.	2-6		Location of Origin Lease/Well	CORVO ENERAL	012
	Kistining Wholeson nmigner Rol	WZ LLC	Name & No. County	LEA	
ddress 1705 Con	nmiller not		API No.	30-025-419	12-0000
ty, State, Zip Carls	ad N.M 882	020	Rig Name & No.		
none No. (575)	234-1414		AFE/PO No.		
	APT E&P Waste/Service Ider		ace volume next to wa	aste type in barrels or cubic yards INJECTABLE WATERS	
oil Based Muds Dil Based Cuttings	Washout Water	(Non-Injectable)		Washout Water (Injectable) Completion Fluid/Flow back (Injectal	ble)
Vater Based Muds Vater Based Cuttings	Produced Water	I/Flow back (Non-Injectable) (Non-Injectable)		Produced Water (Injectable)	
roduced Formation Solids		Vater/Waste (Non-Injectable)		Gathering Line Water/Waste (Injecta OTHER EXEMPT WASTES (type and gen	ible) eration process of the waste)
ank Bottoms &P Contaminated Soil	INTERNAL USE O Truck Washout (- 1 A - 1
as Plant Waste	DRILLING	COMPLE		PRODUCTION	GATHERING LINES
ASTE GENERATION PROCESS:	N	ON-EXEMPT E&P Waste/Servi	ce Identification and Amo	ount	neere noticommon
All non-	exempt E&P waste must be ana	lysed and be below the thresh	old limits for toxicity (TCl	.P), Ignitability, Corrosivity and Reactive	ity.
on-Exempt Other			*please select fro	om Non-Exempt Waste List on back	
UANTITY nereby certify that according to the Re	$\left(\left(\right) \right)$	B - BARRELS	L - LIQUID	(Y - YARDS	E - EACH
haz MS EMERGENCY NON-OILFEILD: Em de Mannin laman	eardous is attached. (Check the a DS Information ergency non-hazradous, non-oil termination and a desciption of i	ppropriate items as provided RCRA Hazardous Waste Ana feild waste that has been orde	lysis	ended. The following documentation Other (Provide Description Below) of Public Safety (the order, documenta MAU	
(PRINT) AUTHORIZED AGENTS SIGNAT	JRE	TRANSP	ORTER		
ransporter's manager (L Qab	1. 7 .		Driver's Name	Justin T. TR	14,20
ame Watt Form	DELIM & ENVIRO	maria	Print Name	Justin	007000
ddress 122(70W	Tx 79907		Phone No.	102	
hone No. (915) 859.	EV.		Truck No.	455	
	naterial(s) was/were picked up a	at the Generator's site listed a	bove and delivered witho	ut incident to the disposal facility liste	d below.
			VII.	ERY DATE	DRIVER'S SIGNATURE
SHIPMENT DATE		DISPOSAL	and the second se	The second s	NG AREA
		DISPOSAL	TACIENT	Name/No.	
N: C	01.				
ermit No. Halfway Facility / NN	11-006		Phone No.	575-393-1079	
ddress Mile Marker 66 Hwy	62/180 Carlsbad, NM 88220			2/11	YES NO
NORM READINGS TAKE		NO YES	If YES, was read	ling > 50 micro roentgens? (circle one)	YES NO
PASS THE PAINT FILTER TES	Tr (Circle One)		DTTOMS		
Feet	1	nches			
1st Gauge	Ê.		BS	S&W/BBLS Received Free Water	B\$&W (%)
2nd Gauge Received				Total Received	
		ACCEPTED DEN	IED If denied, why	12	e \12
I hereby certify that the above load	material has been (circle one):	- ACCEPTED DEN	The second secon		X
NAME (PRINT)	tt	DATE	птие	Sig	NATURE
NAME (PRINT)	Y				$\left(\right)$
C-138	N				Versi

RBGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGG	Customer: Customer #: Ordered by: AFE #: PO #: Manifest # Manif. Date: Hauler: Driver Truck # Card # Job Ref #	MANNY ROMAN	Ticket #: Bid #: Date: Generator: Generator #: Well Ser. #: Well Name: Well Name: Well #: Field: Field #: Rig: County		
Facility: CRI					
Product / Service		Quantity I	Jnits		
Contaminated Soil (RCRA Exemp	ot)	10.00	vards		
Generator Certification Statement of Waste Status I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is: X RCRA Exempt: Oil Field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt mathematical RCRA Non-Exempt: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24 or listed hazardous waste as defined in 40 CFR, part 261, subpart D, as amended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate items): MSDS Information RCRA Hazardous Waste Analysis Process Knowledge Other (Provide description above) Briver/ Agent Signature R360 Representative Signature					
Customer Approval			061	Mar	
	TH	IS IS NOT AN INVOI	UE!		
Approved By:		Date:			

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0					npany Man Contact Information
R360		NEW MEXICO NON-H.	AZARDOUS OILFEILD WASTE (PLEASE PRINT)	Name	
ENVIRONMENTAL SOLDTICKS				Phone	No.
		G	ENERATOR	NO.195	077)
Operator No.	0.5	51 1 1 117	Location of Origin Lease/Well	n LORD TREAK	par 110
Operators Name West	n Refinir	g Wholesale, UC	Name & No.	COG PROdu	ettor, LLL
Address	(o mmeri	te pa	County	20-125-410	712-0000
City, State, Zip Carls	had, NI	n 88220	API No. Rig Name & No.		114 000
citility and a second s	5-234-14		AFE/PO No.		
	EXEMPT E&P Wa	ste/Service Identification and A	mount (place volume next to v	vaste type in barrels or cubic yards):
Oil Based Muds Oil Based Cuttings		NON-INJECTABLE WATERS Washout Water (Non-Injectable)		INJECTABLE WATERS Washout Water (Injectable)	
Water Based Muds		Completion Fluid/Flow back (Non-	njectable)	Completion Fluid/Flow back (Injectal	ble)
Water Based Cuttings Produced Formation Solids		Produced Water (Non-Injectable) Gathering Line Water/Waste (Non	-Injectable)	Produced Water (Injectable) Gathering Line Water/Waste (Injecta	able)
Tank Bottoms		INTERNAL USE ONLY Truck Washout (exempt waste)	nine and the solution of the	OTHER EXEMPT WASTES (type and gen	eration process of the waste)
Gas Plant Waste	-X	Truck washout (exempt waste)			
WASTE GENERATION PROCES	S:	DRILLING		PRODUCTION	GATHERING LINES
	non-avamat F&P u		Vaste/Service Identification and Am	iount SLP), Ignitability, Corrosivity and Reactiv	ity.
Non-Exempt Other	non-exempt cor v	aste muse de analysed and de delor		rom Non-Exempt Waste List on back	
QUANTITY	11	B - BARRELS	L - LI <mark>QUI</mark> D	Y - YARDS	E - EACH
	ne Resource Conser	방 - 2013 관심과 전체 - 24		gency's July 1988 regulatory determina	
load is (Check the appropriate clas	sification)				
RCRA EXEMPT:	Oil field wastes ge month only)	enerated from oil and gas exploratio	n and production operations and ar	e not mixed with non-exempt waste (R3	360 Accepts certifications on a per
RCRA NON-EXEMPT:	Oil field waste wh	ich is non-hazardous that does not	exceed the minimum standards for v	waste hazardous by characteristics esta	blished in RCRA regulations, 40 CFR
		listed hazardous waste as defined b hed. (Check the appropriate items a		nended. The following documentation o	lemonstrating the waste as non-
	MSDS Information			Other (Provide Description Below)	
I . maintain .					
EMERGENCY NON-OILFEILD		azradous, non-oilfeild waste that ha d a desciption of the waste must ac		of Public Safety (the order, documentat	ion of non-hazardous waste
Mannu	Coman		6/19/15	MM	(
(PRINT) AUTHORIZED AGENTS	SIGNATURE		DATE	SIGNA	TURE
-	1		ANSPORTER		#C
Home		wirementel	Driver's Name	Justin T. TE	2EUIZO
Address 1221To	WER The		Print Name		
CIE PASI	9-8150	9907	Phone No. Truck No.	-453	
		Avera nicked up at the Constator's		out incident to the disposal facility listed	below
SHIPMENT DATE		DRIVER'S SIGNATURE	$(o - 1)^{\circ}$	9-16 DI	DRIVER'S SIGNATURE
	ME STAMP		OSAL FACILITY	RECEIVIN	IG AREA
IN:	OUT:		ONLINGEIT	Name/No.	50151
Site Name/ Permit No. Halfway Facility	/ NM1-006	* *	Phone No.	575-393-1079	~ (/
	Hwy 62/180 Carlsba	d, NM 88220			
	AKEN? (Circle One)	YES NO	If YES, was read	ding > 50 micro roentgens? (circle one)	YES NO
PASS THE PAINT FILTER	R TEST? (Circle One)	YES	NO		
and the part of the second sec		TA	NK BOTTOMS		8
1st Gauge	Feet	Inches	В	S&W/BBLS Received	BS&W (%)
2nd Gauge				Free Water	1
Received				Total Received	
I hereby certify that the above	load material has be	en (circle one): ACCEPTED	DENIED If denied, why	1?	
y/ floll	INCL	1 114	Alp (7-5)	Ntr	11
NAME (PRINT)		DATE	fine fine	Sidna	TÜRE)
C-138					Version 1