

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

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

**RECEIVED**

By OCD District 1 at 7:59 am, Sep 14, 2015

Revised August 8, 2011

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 Western Refining Wholesale, LLC	Contact Manny Roman	
Address 1703 Commerce, Carlsbad, NM	Telephone No. 915-588-8408	
Facility Name Concho Corvo Federal #4H Lease	Facility Type Crude Oil Production Tank	
Surface Owner Devon Energy Production	Mineral Owner	API No.

### LOCATION OF RELEASE

Unit Letter M	Section 29	Township 24S	Range 32E	Feet from the	North/South Line	Feet from the	East/West Line	County
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Latitude -103.703703192824 Longitude 32.1823206033716

### NATURE OF RELEASE

Type of Release Crude Oil	Volume of Release 546 gallons	Volume Recovered
Source of Release Production Tank Valve	Date and Hour of Occurrence 6-14-15 Approx. 10:30AM	Date and Hour of Discovery 6-14-15 Approx. 9:30PM
Was Immediate Notice Given? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom? A voice mail was left for Jim Griswold	
By Whom? Manny Roman	Date and Hour 6-15-15 / 4:20PM	
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.\*

N/A

**APPROVED**

By OCD District 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 unaware of his mistake and caused approx. 13barrels to spill on the ground. D&H Environmental was called immediately to begin remediation process. Affected soil has been picked up and placed 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 long. Contaminants penetrated ground less than one foot. About 20 CY of soil has been excavated and will disposed at an authorized disposal facility. See attachment for further remediation details.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOC 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 NMOC 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, NMOC 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: 	OIL CONSERVATION DIVISION	
Printed Name: Manny Roman	Approved by Environmental Specialist: 	
Title: Safety Manager	Approval Date: 09/14/2015	Expiration Date: ///
E-mail Address: manuel.roman@WNR.com	Conditions of Approval:	Attached <input type="checkbox"/>
Date: 9-11-15 Phone: 915-8820400	Ensure BLM concurrence/approval.	IRP 3679

\* Attach Additional Sheets If Necessary



# **SPILL CLEANUP REPORT**

at

Concho Corvo Federal #4H Lease  
Lea County, New Mexico

Date of Spill: June 14, 2015

Prepared By

D&H Petroleum & Environmental Services  
1221 Tower Trail  
El Paso, TX 79917

August 6, 2015



**Petroleum & Environmental Services**

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, Texas 79917 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 Ridgemere Blvd. 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, TX 79765 Phone (432) 563-1132 Fax (432) 563-1134	Lubbock 2307 Clovis Rd. Lubbock, TX 79415 Phone (806) 762-2428 Fax: (806) 762-2426
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**Licensed in: Texas-CRP00091, New Mexico-010673, Arizona-108354**

**Web Site: [www.dhpump.com](http://www.dhpump.com)**

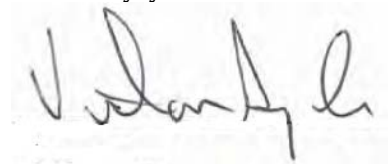
Manny Roman  
Western Refining Wholesale  
August 6, 2015  
2 | Page

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.

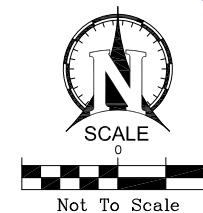
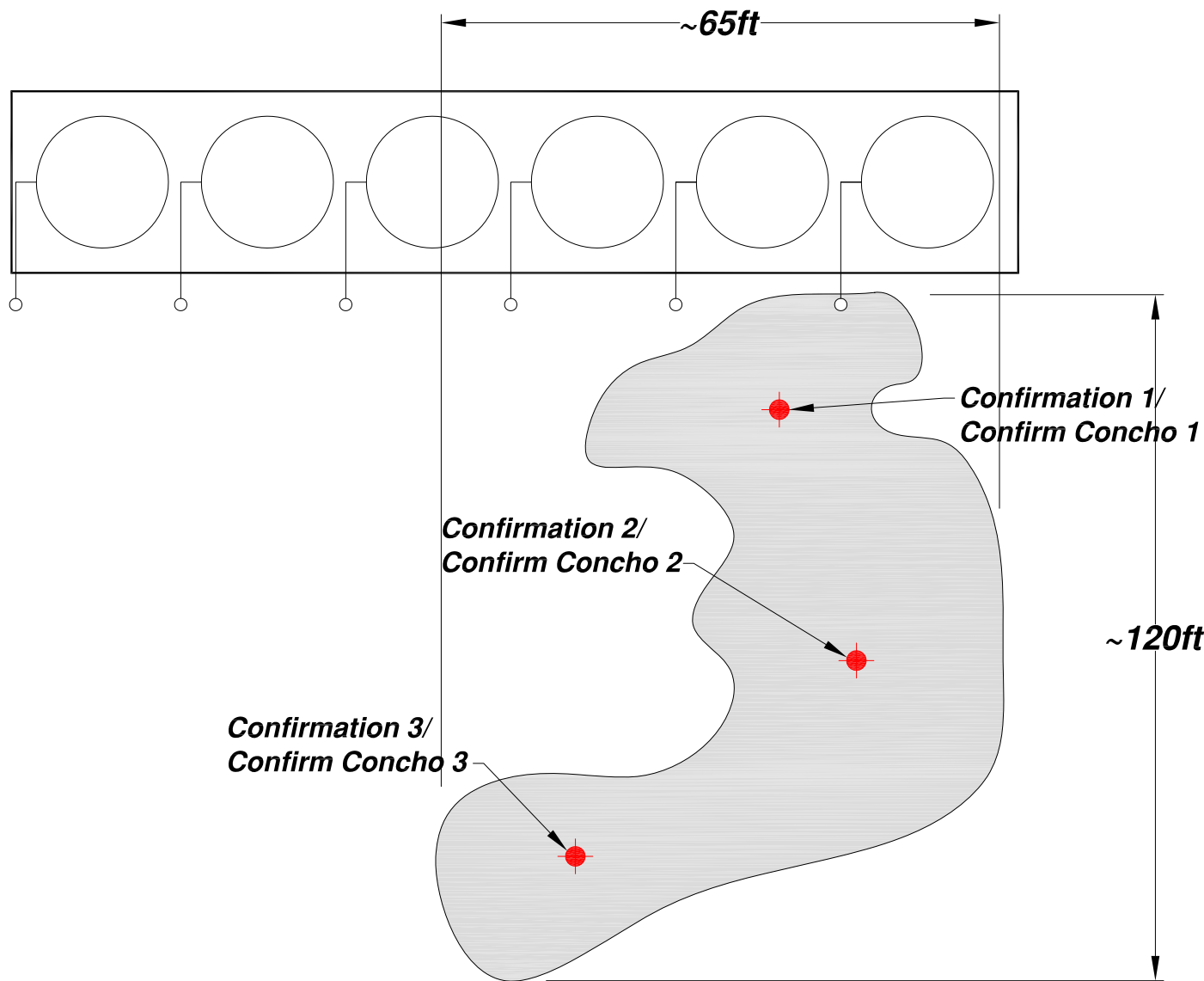
Sincerely yours,

A handwritten signature in black ink, appearing to read "Victor Ayala", is written over a light gray rectangular background.

Victor Ayala  
Branch Manager

ATTACHMENT 1

Site Map with Sample Locations



1  
OF  
1

Sheet No.

No.	Note / Revision	Date

**Western Refining Spill - Concho**  
 Concho Corvo Federal #4H      Lea County, NM

**Site Map with Sample Locations**

Project No.	470644
Date:	7/27/15
Scale:	NTS
Dwg. by:	A. Marquez
Designed by:	N/A



**PETROLEUM &  
ENVIRONMENTAL  
SERVICES**

1221 TOWER TRAIL LANE  
 EL PASO, TEXAS 79907  
 MAIN: (915) 859-8150  
 FAX: (915) 859-7229

ATTACHMENT 2

Photographic Documentation



# PHOTOGRAPHIC DOCUMENTATION

**Location:** Concho Corvo Federal #4H  
**County, State:** Lea County, New Mexico  
**Subject:** Spill Cleanup Report

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**Date:** 6/15/15 – 7/24/15

**Photograph:** 1

**Description:** View showing location of spill.



**Photograph:** 2

**Description:** View showing location of spill.





# PHOTOGRAPHIC DOCUMENTATION

**Location:** Concho Corvo Federal #4H  
**County, State:** Lea County, New Mexico  
**Subject:** Spill Cleanup Report

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**Date:** 6/15/15 – 7/24/15

**Photograph: 3**

**Description:** View showing excavation activities of affected area.



**Photograph: 4**

**Description:** View showing staging of contaminated soil.



# PHOTOGRAPHIC DOCUMENTATION

**Location:** Concho Corvo Federal #4H  
**County, State:** Lea County, New Mexico  
**Subject:** Spill Cleanup Report

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**Date:** 6/15/15 – 7/24/15

**Photograph:** 5

**Description:** View showing affected area after excavation activities.



**Photograph:** 6

**Description:** View showing site after backfill activities.



ATTACHMENT 3

Laboratory Analysis Report



Hall Environmental Analysis Laboratory  
4901 Hawkins NE  
Albuquerque, NM 87109  
TEL: 505-345-3975 FAX: 505-345-4107  
Website: [www.hallenvironmental.com](http://www.hallenvironmental.com)

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 [www.hallenvironmental.com](http://www.hallenvironmental.com) 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 qualifiers 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,

A handwritten signature in black ink, appearing to read 'Andy Freeman', is written over a horizontal line.

Andy Freeman  
Laboratory Manager  
4901 Hawkins NE  
Albuquerque, NM 87109

# Hall Environmental Analysis Laboratory, Inc.

## Analytical Report

Lab Order **1506850**

Date Reported: **6/22/2015**

**CLIENT:** D & H Petroleum & Environmental

**Client Sample ID:** Confirmation #1

**Project:** Western Refining Concho Site

**Collection Date:** 6/17/2015 8:53:00 AM

**Lab ID:** 1506850-002

**Matrix:** SOIL

**Received Date:** 6/18/2015 8:40:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 8015D: DIESEL RANGE ORGANICS</b>				Analyst: <b>JME</b>			
Diesel Range Organics (DRO)	ND	9.8		mg/Kg	1	6/19/2015 9:08:25 AM	19771
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	6/19/2015 9:08:25 AM	19771
Surr: DNOP	120	57.9-140		%REC	1	6/19/2015 9:08:25 AM	19771
<b>EPA METHOD 8015D: GASOLINE RANGE</b>				Analyst: <b>RAA</b>			
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.

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



# Hall Environmental Analysis Laboratory, Inc.

## Analytical Report

Lab Order **1506850**

Date Reported: **6/22/2015**

**CLIENT:** D & H Petroleum & Environmental

**Client Sample ID:** Confirmation #2

**Project:** Western Refining Concho Site

**Collection Date:** 6/17/2015 9:04:00 AM

**Lab ID:** 1506850-003

**Matrix:** SOIL

**Received Date:** 6/18/2015 8:40:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 8015D: DIESEL RANGE ORGANICS</b>				Analyst: <b>JME</b>			
Diesel Range Organics (DRO)	11	10		mg/Kg	1	6/19/2015 9:29:52 AM	19771
Motor Oil 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
<b>EPA METHOD 8015D: GASOLINE RANGE</b>				Analyst: <b>RAA</b>			
Gasoline 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.

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

# Hall Environmental Analysis Laboratory, Inc.

## Analytical Report

Lab Order **1506850**

Date Reported: **6/22/2015**

**CLIENT:** D & H Petroleum & Environmental

**Client Sample ID:** Confirmation #3

**Project:** Western Refining Concho Site

**Collection Date:** 6/17/2015 9:18:00 AM

**Lab ID:** 1506850-004

**Matrix:** SOIL

**Received Date:** 6/18/2015 8:40:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 8015D: DIESEL RANGE ORGANICS</b>							Analyst: <b>JME</b>
Diesel Range Organics (DRO)	ND	9.6		mg/Kg	1	6/19/2015 9:51:04 AM	19771
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	6/19/2015 9:51:04 AM	19771
Surr: DNOP	109	57.9-140		%REC	1	6/19/2015 9:51:04 AM	19771
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>RAA</b>
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	6/19/2015 1:40:24 PM	19798
Surr: 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.

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



# QC SUMMARY REPORT

## Hall Environmental Analysis Laboratory, Inc.

WO#: 1506850

22-Jun-15

Client: D &amp; H Petroleum &amp; Environmental

Project: Western Refining Concho Site

Sample ID	MB-19771		SampType: MBLK		TestCode: EPA Method 8015D: Diesel Range Organics					
Client ID:	PBS		Batch ID: 19771		RunNo: 26936					
Prep Date:	6/17/2015		Analysis Date: 6/19/2015		SeqNo: 804485		Units: mg/Kg			
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		SampType: LCS		TestCode: EPA Method 8015D: Diesel Range Organics					
Client ID:	LCSS		Batch ID: 19771		RunNo: 26936					
Prep Date:	6/17/2015		Analysis Date: 6/19/2015		SeqNo: 804486		Units: mg/Kg			
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.  
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

# QC SUMMARY REPORT

## Hall Environmental Analysis Laboratory, Inc.

WO#: 1506850

22-Jun-15

Client: D &amp; H Petroleum &amp; Environmental

Project: Western Refining Concho Site

Sample ID	LCS-19798		SampType: LCS		TestCode: EPA Method 8015D: Gasoline Range					
Client ID:	LCSS		Batch ID: 19798		RunNo: 26956					
Prep Date:	6/18/2015		Analysis Date: 6/19/2015		SeqNo: 805455		Units: mg/Kg			
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		SampType: MBLK		TestCode: EPA Method 8015D: Gasoline Range					
Client ID:	PBS		Batch ID: 19798		RunNo: 26956					
Prep Date:	6/18/2015		Analysis Date: 6/19/2015		SeqNo: 805456		Units: mg/Kg			
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

## Sample Log-In Check List

Client Name: DH Petro ELPASO

Work Order Number: 1506850

RcptNo: 1

Received by/date: LM 06/18/15

Logged By: **Celina Sessa** 6/18/2015 8:40:00 AM

*Celina Sessa*

Completed By: **Celina Sessa** 6/18/2015 9:27:29 AM

*Celina Sessa*

Reviewed By: *JS* 06/18/15

### Chain of Custody

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 temperature 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 test(s)? Yes ☒ No ☐
8. Are samples (except VOA and ONG) properly preserved? Yes ☒ No ☐
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 broken? Yes ☐ No ☒
12. Does paperwork match bottle labels?  
(Note discrepancies on chain of custody) Yes ☒ No ☐
13. Are matrices correctly identified on Chain of Custody? Yes ☒ No ☐
14. Is it clear what analyses were requested? Yes ☒ No ☐
15. Were all holding times able to be met?  
(If no, notify customer for authorization.) Yes ☒ No ☐

# of preserved  
bottles checked  
for pH: \_\_\_\_\_  
(<2 or >12 unless noted)  
Adjusted? \_\_\_\_\_  
Checked by: \_\_\_\_\_

### Special Handling (if applicable)

16. Was client notified of all discrepancies with this order? Yes ☐ No ☐ NA ☒

Person Notified: \_\_\_\_\_ Date: \_\_\_\_\_  
By Whom: \_\_\_\_\_ Via: ☐ eMail ☐ Phone ☐ Fax ☐ In Person  
Regarding: \_\_\_\_\_  
Client Instructions: \_\_\_\_\_

17. Additional remarks:

### 18. Cooler Information

Cooler No	Temp °C	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	3.0	Good	Yes			





Hall Environmental Analysis Laboratory  
4901 Hawkins NE  
Albuquerque, NM 87109  
TEL: 505-345-3975 FAX: 505-345-4107  
Website: [www.hallenvironmental.com](http://www.hallenvironmental.com)

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 [www.hallenvironmental.com](http://www.hallenvironmental.com) 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 qualifiers 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,

A handwritten signature in black ink, appearing to read 'Andy Freeman', is written over a horizontal line.

Andy Freeman  
Laboratory Manager  
4901 Hawkins NE  
Albuquerque, NM 87109

# Hall Environmental Analysis Laboratory, Inc.

## Analytical Report

Lab Order **1507791**

Date Reported: **7/21/2015**

**CLIENT:** D & H Petroleum & Environmental

**Client Sample ID:** Confirm Concho 1

**Project:** Concho

**Collection Date:** 7/16/2015 12:00:00 PM

**Lab ID:** 1507791-004

**Matrix:** SOIL

**Received Date:** 7/17/2015 9:25:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>NSB</b>
Methyl tert-butyl ether (MTBE)	ND	0.095		mg/Kg	1	7/20/2015 11:48:18 AM	20306
Benzene	ND	0.048		mg/Kg	1	7/20/2015 11:48:18 AM	20306
Toluene	ND	0.048		mg/Kg	1	7/20/2015 11:48:18 AM	20306
Ethylbenzene	ND	0.048		mg/Kg	1	7/20/2015 11:48:18 AM	20306
Xylenes, Total	ND	0.095		mg/Kg	1	7/20/2015 11:48:18 AM	20306
Surr: 4-Bromofluorobenzene	99.8	80-120		%REC	1	7/20/2015 11:48:18 AM	20306

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

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

# Hall Environmental Analysis Laboratory, Inc.

## Analytical Report

Lab Order **1507791**

Date Reported: **7/21/2015**

**CLIENT:** D & H Petroleum & Environmental

**Client Sample ID:** Confirm Concho 2

**Project:** Concho

**Collection Date:** 7/16/2015 12:05:00 PM

**Lab ID:** 1507791-005

**Matrix:** SOIL

**Received Date:** 7/17/2015 9:25:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>NSB</b>
Methyl tert-butyl ether (MTBE)	ND	0.10		mg/Kg	1	7/20/2015 12:17:09 PM	20306
Benzene	ND	0.050		mg/Kg	1	7/20/2015 12:17:09 PM	20306
Toluene	ND	0.050		mg/Kg	1	7/20/2015 12:17:09 PM	20306
Ethylbenzene	ND	0.050		mg/Kg	1	7/20/2015 12:17:09 PM	20306
Xylenes, Total	ND	0.10		mg/Kg	1	7/20/2015 12:17:09 PM	20306
Surr: 4-Bromofluorobenzene	100	80-120		%REC	1	7/20/2015 12:17:09 PM	20306

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

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



# Hall Environmental Analysis Laboratory, Inc.

## Analytical Report

Lab Order **1507791**

Date Reported: **7/21/2015**

**CLIENT:** D & H Petroleum & Environmental

**Client Sample ID:** Confirm Concho 3

**Project:** Concho

**Collection Date:** 7/16/2015 12:10:00 PM

**Lab ID:** 1507791-006

**Matrix:** SOIL

**Received Date:** 7/17/2015 9:25:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>NSB</b>
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.

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

# QC SUMMARY REPORT

## Hall Environmental Analysis Laboratory, Inc.

WO#: 1507791

21-Jul-15

Client: D &amp; H Petroleum &amp; Environmental

Project: Concho

Sample ID	MB-20306		SampType: MBLK		TestCode: EPA Method 8021B: Volatiles					
Client ID:	PBS		Batch ID: 20306		RunNo: 27604					
Prep Date:	7/17/2015		Analysis Date: 7/20/2015		SeqNo: 829405		Units: mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Methyl tert-butyl ether (MTBE)	ND	0.10								
Benzene	ND	0.050								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	0.97		1.000		96.9	80	120			

Sample ID	LCS-20306		SampType: LCS		TestCode: EPA Method 8021B: Volatiles					
Client ID:	LCSS		Batch ID: 20306		RunNo: 27604					
Prep Date:	7/17/2015		Analysis Date: 7/20/2015		SeqNo: 829406		Units: mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Methyl tert-butyl 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-Bromofluorobenzene	1.1		1.000		107	80	120			

Sample ID	1507791-002AMS		SampType: MS		TestCode: EPA Method 8021B: Volatiles					
Client ID:	Confirm 2		Batch ID: 20306		RunNo: 27604					
Prep Date:	7/17/2015		Analysis Date: 7/20/2015		SeqNo: 829407		Units: mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Methyl tert-butyl 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	3.0	0.097	2.910	0	103	78.9	133			
Surr: 4-Bromofluorobenzene	1.0		0.9699		106	80	120			

Sample ID	1507791-002AMSD		SampType: MSD		TestCode: EPA Method 8021B: Volatiles					
Client ID:	Confirm 2		Batch ID: 20306		RunNo: 27604					
Prep Date:	7/17/2015		Analysis Date: 7/20/2015		SeqNo: 829408		Units: mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Methyl tert-butyl ether (MTBE)	0.95	0.094	0.9372	0	102	53.6	133	2.26	20	
Benzene	0.96	0.047	0.9372	0	102	69.6	136	6.32	20	
Toluene	0.91	0.047	0.9372	0	96.7	76.2	134	7.12	20	
Ethylbenzene	0.93	0.047	0.9372	0	99.3	75.8	137	7.01	20	

### Qualifiers:

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

# QC SUMMARY REPORT

## Hall Environmental Analysis Laboratory, Inc.

WO#: 1507791

21-Jul-15

Client: D &amp; H Petroleum &amp; Environmental

Project: Concho

Sample ID 1507791-002AMSD		SampType: MSD			TestCode: EPA Method 8021B: Volatiles					
Client ID:	Confirm 2	Batch ID: 20306			RunNo: 27604					
Prep Date:	7/17/2015	Analysis Date: 7/20/2015			SeqNo: 829408		Units: mg/Kg			
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-Bromofluorobenzene	1.0		0.9372		106	80	120	0	0	

Sample ID	MB-20308		SampType: MBLK		TestCode: EPA Method 8021B: Volatiles					
Client ID:	PBS		Batch ID: 20308		RunNo: 27604					
Prep Date:	7/17/2015		Analysis Date: 7/20/2015		SeqNo: 829414		Units: %REC			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: 4-Bromofluorobenzene	0.97		1.000		96.8	80	120			

Sample ID	LCS-20308		SampType: LCS		TestCode: EPA Method 8021B: Volatiles					
Client ID:	LCSS		Batch ID: 20308		RunNo: 27604					
Prep Date:	7/17/2015		Analysis Date: 7/20/2015		SeqNo: 829419		Units: %REC			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: 4-Bromofluorobenzene	1.0		1.000		104	80	120			

### 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  
4901 Hawkins NE  
Albuquerque, NM 87109  
TEL: 505-345-3975 FAX: 505-345-4107  
Website: www.hallenvironmental.com

## Sample Log-In Check List

Client Name: DH Petro ELPASO

Work Order Number: 1507791

RcptNo: 1

Received by/date:

CS

07/17/15

Logged By: Ashley Gallegos

7/17/2015 9:25:00 AM

Completed By: Ashley Gallegos

7/17/2015 11:23:11 AM

Reviewed By:

IO

07/17/15

### Chain of Custody

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 temperature of  $>0^{\circ}\text{C}$  to  $6.0^{\circ}\text{C}$ ?

Yes ☒

No ☐

NA ☐

6. Sample(s) in proper container(s)?

Yes ☒

No ☐

7. Sufficient sample volume for indicated test(s)?

Yes ☒

No ☐

8. Are samples (except VOA and ONG) properly preserved?

Yes ☒

No ☐

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 broken?

Yes ☐

No ☒

# of preserved  
bottles checked  
for pH:

12. Does paperwork match bottle labels?

Yes ☒

No ☐

(<2 or >12 unless noted)

(Note discrepancies on chain of custody)

13. Are matrices correctly identified on Chain of Custody?

Yes ☒

No ☐

Adjusted?

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)

16. Was client notified of all discrepancies with this order?

Yes ☐

No ☐

NA ☒

Person Notified:

Date

By Whom:

Via: ☐ eMail ☐ Phone ☐ Fax ☐ In Person

Regarding:

Client Instructions:

17. Additional remarks:

### 18. Cooler Information

Cooler No	Temp °C	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	1.0	Good	Yes			

## HALL ENVIRONMENTAL ANALYSIS LABORATORY

[www.hallenvironmental.com](http://www.hallenvironmental.com)

4901 Hawkins NE - Albuquerque, NM 87109

Tel. 505-345-3975 Fax 505-345-4107

## Analysis Request

[illegible]

Any sub-contracted data will be clearly notated on the analytical report.

## 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



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***

## 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:  
**NM**

**\*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- TABLE	UNLOCA- TABLE	SEARCH RADIUS (miles)
<b><u>FEDERAL</u></b>				
UNITED STATES GEOLOGICAL SURVEY NATIONAL WATER INFORMATION SYSTEM	NWIS	0	0	0.5000
<b>SUB-TOTAL</b>		<b>0</b>	<b>0</b>	
<b><u>STATE (NM)</u></b>				
WATER ADMINISTRATION TECHNICAL ENGINEERING RESOURCE WATERS SYSTEM		0	0	0.5000
<b>SUB-TOTAL</b>		<b>0</b>	<b>0</b>	

<b>TOTAL</b>		<b>0</b>	<b>0</b>
--------------	--	----------	----------



[www.geo-search.com](http://www.geo-search.com) · phone: 888-396-0042 · fax: 512-472-9967

## 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
<b><u>FEDERAL</u></b>								
NWIS	.5000	0	0	0	0	NS	NS	0
<b>SUB-TOTAL</b>		<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b><u>STATE (NM)</u></b>								
WATERS	.5000	0	0	0	0	NS	NS	0
<b>SUB-TOTAL</b>		<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

<b>TOTAL</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
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**NOTES:**

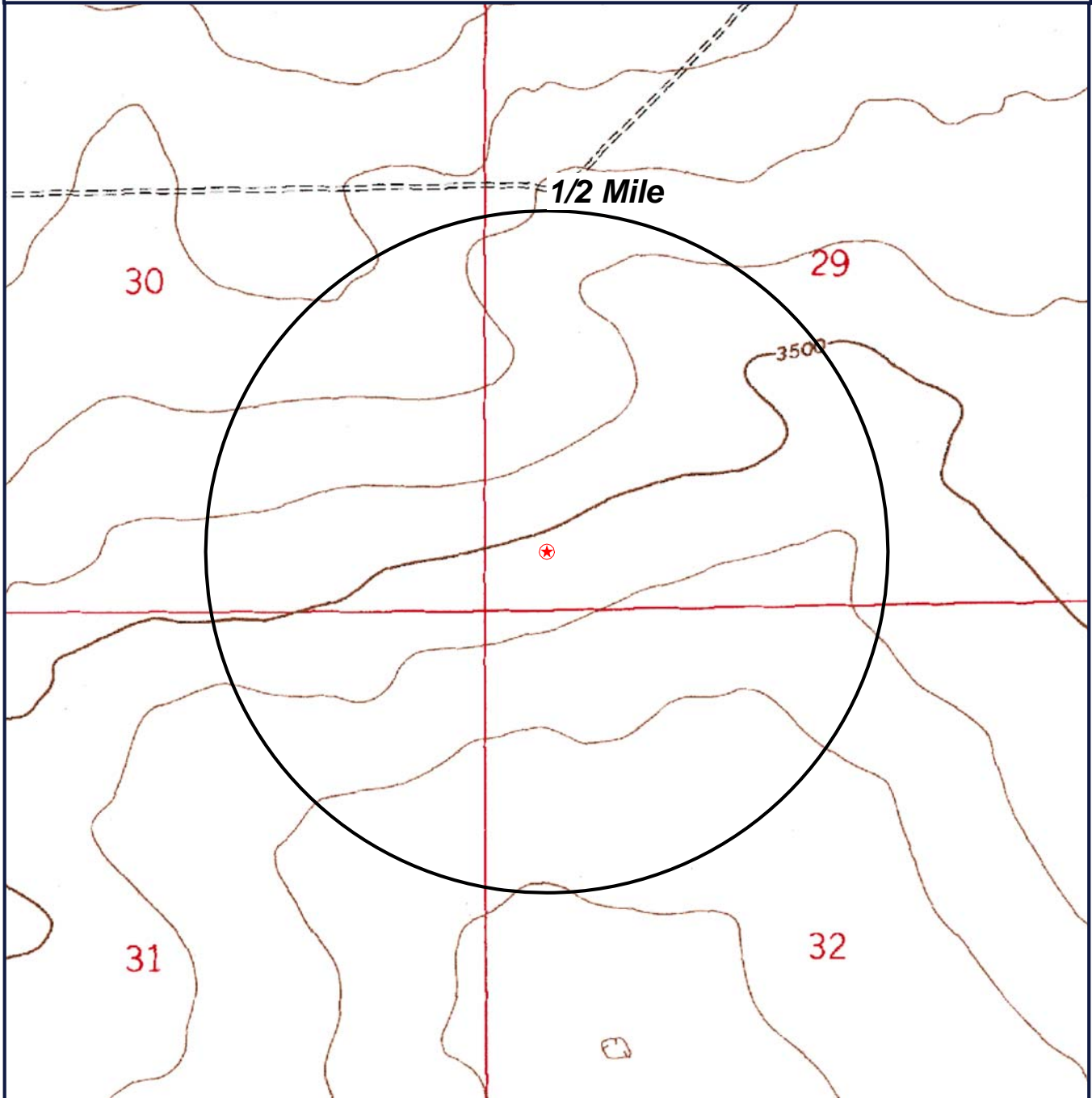
NS = NOT SEARCHED

TP/AP = TARGET PROPERTY/ADJACENT PROPERTY



[www.geo-search.com](http://www.geo-search.com) · phone: 888-396-0042 · fax: 512-472-9967

# WATER WELL MAP



★ Target Property (TP)

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

CONTOUR LINES REPRESENTED IN FEET



0' 600' 1200' 1800'  
SCALE: 1" = 1200'

**GeoSearch**

[www.geo-search.com](http://www.geo-search.com) - phone: 888-396-0042 - fax: 512-472-9967

## 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



SCALE

1000 0 500 1000

1 inch = 2000 ft.

EL

EDDY CO  
LEA CO

128

NM-128

3400



3550

3550

3550

3500

Approximate  
Site Location



Project No.

470862

Date: 8/6/15

Scale: 1" = 2000'

Dwg. by: A. Marquez  
Designed by:

N/A

## Western Refining Spill - Concho

El Paso, Texas

### USGS Topographic Map

Aerial provided by USGS (<http://viewer.nationalmap.gov/viewer/>)



PETROLEUM &  
ENVIRONMENTAL  
SERVICES

1221 TOWER TRAIL LANE  
EL PASO, TEXAS 79907  
MAIN: (915) 859-8150  
FAX: (915) 859-7229

Sheet No.

1 OF 1

ATTACHMENT 7

Waste Disposal Documentation



NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST  
(PLEASE PRINT)

Company Man Contact Information

Name \_\_\_\_\_  
Phone No. \_\_\_\_\_

GENERATOR

NO. **195069**

Operator No. C06  
Operators Name Western Refining Wholesale LLC  
Address 1703 Commerce Rd  
City, State, Zip Carlsbad NM 88220  
Phone No. 575 234 1414

Location of Origin  
Lease/Well Name & No. C06 Production, LLC  
County LEA  
API No. 30-025-41912-0000  
Rig Name & No. \_\_\_\_\_  
AFE/PO No. \_\_\_\_\_

EXEMPT E&P Waste/Service Identification and Amount (place volume next to waste type in barrels or cubic yards)

Oil Based Muds	_____	NON-INJECTABLE WATERS	_____	INJECTABLE WATERS	_____
Oil Based Cuttings	_____	Washout Water (Non-Injectable)	_____	Washout Water (Injectable)	_____
Water Based Muds	_____	Completion Fluid/Flow back (Non-Injectable)	_____	Completion Fluid/Flow back (Injectable)	_____
Water Based Cuttings	_____	Produced Water (Non-Injectable)	_____	Produced Water (Injectable)	_____
Produced Formation Solids	_____	Gathering Line Water/Waste (Non-Injectable)	_____	Gathering Line Water/Waste (Injectable)	_____
Tank Bottoms	_____	INTERNAL USE ONLY	_____	OTHER EXEMPT WASTES (type and generation process of the waste)	_____
E&P Contaminated Soil	<u>X</u>	Truck Washout (exempt waste)	_____		
Gas Plant Waste	_____				

WASTE GENERATION PROCESS: ☐ DRILLING ☐ COMPLETION ☐ PRODUCTION ☐ GATHERING LINES

NON-EXEMPT E&P Waste/Service Identification and Amount

All non-exempt E&P waste must be analysed and be below the threshold limits for toxicity (TCPL), Ignitability, Corrosivity and Reactivity.

Non-Exempt Other \_\_\_\_\_

\*please select from Non-Exempt Waste List on back

QUANTITY 10 yds B - BARRELS L - LIQUID Y - YARDS E - EACH

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 load is (Check the appropriate classification)

- ☒ RCRA EXEMPT: Oil field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste (R360 Accepts certifications on a per month only)
- ☐ 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 by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as non-hazardous is attached. (Check the appropriate items as provided)
- ☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Other (Provide Description Below)

☐ EMERGENCY NON-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety (the order, documentation of non-hazardous waste determination and a description of the waste must accompany this form)

Manny Roman  
(PRINT) AUTHORIZED AGENTS SIGNATURE

DATE

SIGNATURE

TRANSPORTER

Transporter's Name D+H Pump & Environmental  
Address 1221 Tower Trail  
EI Paso TX 799  
Phone No. \_\_\_\_\_

Driver's Name Justin T. Trenzo  
Print Name \_\_\_\_\_  
Phone No. \_\_\_\_\_  
Truck No. \_\_\_\_\_

I hereby certify that the above named material(s) was/were picked up at the Generator's site listed above and delivered without incident to the disposal facility listed below.

06-18-2015  
SHIPMENT DATE

Justin T. Trenzo  
DRIVER'S SIGNATURE

6-18-15  
DELIVERY DATE

Justin T. Trenzo  
DRIVER'S SIGNATURE

TRUCK TIME STAMP

IN: \_\_\_\_\_ OUT: \_\_\_\_\_

DISPOSAL FACILITY

RECEIVING AREA

Name/No. 5051

Site Name/ Permit No. Halfway Facility / NM1-006  
Address Mile Marker 66 Hwy 62/180 Carlsbad, NM 88220

Phone No. 575-393-1079

NORM READINGS TAKEN? (Circle One) YES NO If YES, was reading > 50 micro roentgens? (circle one) YES NO  
PASS THE PAINT FILTER TEST? (Circle One) YES NO

TANK BOTTOMS

	Feet	Inches
1st Gauge		
2nd Gauge		
Received		

BS&W/BBLs Received		BS&W (%)	
Free Water			
Total Received			

I hereby certify that the above load material has been (circle one): ACCEPTED DENIED If denied, why? \_\_\_\_\_

Manny Roman  
NAME (PRINT)

6/18  
DATE

Justin T. Trenzo  
TITLE

Justin T. Trenzo  
SIGNATURE





Permian Basin

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

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	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:

☒ 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/ Agent Signature

R360 Representative Signature

Customer Approval

**THIS IS NOT AN INVOICE!**

Approved By: \_\_\_\_\_

Date: \_\_\_\_\_



NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST  
(PLEASE PRINT)

Company Man Contact Information

Name \_\_\_\_\_  
Phone No. \_\_\_\_\_

GENERATOR

NO. **195073**

Operator No. \_\_\_\_\_  
Operators Name Western Refining Wholesale LLC  
Address 1703 Commerce Rd  
City, State, Zip Carlsbad N.M. 88220  
Phone No. (575) 234-1414

Location of Origin Carvo Refinery  
Lease/Well Name & No. COG Production LLC  
County LEA  
API No. 30-025-41912-0000  
Rig Name & No. \_\_\_\_\_  
AFE/PO No. \_\_\_\_\_

EXEMPT E&P Waste/Service Identification and Amount (place volume next to waste type in barrels or cubic yards)

Oil Based Muds	_____	NON-INJECTABLE WATERS	_____	INJECTABLE WATERS	_____
Oil Based Cuttings	_____	Washout Water (Non-Injectable)	_____	Washout Water (Injectable)	_____
Water Based Muds	_____	Completion Fluid/Flow back (Non-Injectable)	_____	Completion Fluid/Flow back (Injectable)	_____
Water Based Cuttings	_____	Produced Water (Non-Injectable)	_____	Produced Water (Injectable)	_____
Produced Formation Solids	_____	Gathering Line Water/Waste (Non-Injectable)	_____	Gathering Line Water (Injectable)	_____
Tank Bottoms	_____	INTERNAL USE ONLY	_____	OTHER EXEMPT WASTES (type and generation process of the waste)	_____
E&P Contaminated Soil	_____	Truck Washout (exempt waste)	_____		
Gas Plant Waste	_____				

WASTE GENERATION PROCESS: ☐ DRILLING ☒ COMPLETION ☐ PRODUCTION ☐ GATHERING LINES

NON-EXEMPT E&P Waste/Service Identification and Amount

All non-exempt E&P waste must be analysed and be below the threshold limits for toxicity (TCLP), Ignitability, Corrosivity and Reactivity.

Non-Exempt Other \_\_\_\_\_ \*please select from Non-Exempt Waste List on back

QUANTITY 12 B - BARRELS L - LIQUID Y - YARDS E - EACH

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 load is (Check the appropriate classification)

☒ RCRA EXEMPT:

Oil field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste (R360 Accepts certifications on a per month only)

☐ 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 by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as non-hazardous is attached. (Check the appropriate items as provided)

☐ MSDS Information

☐ RCRA Hazardous Waste Analysis

☐ Other (Provide Description Below)

☐ EMERGENCY NON-OILFIELD:

Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety (the order, documentation of non-hazardous waste determination and a description of the waste must accompany this form)

Mary Roman  
(PRINT) AUTHORIZED AGENTS SIGNATURE

6-18-15  
DATE

[Signature]  
SIGNATURE

TRANSPORTER

Transporter's Name DH Petroleum & Environmental  
Address 1221 Tower Trail LN  
El Paso TX 79907  
Phone No. (915) 854-8130

Driver's Name Justin T. Trevizo  
Print Name \_\_\_\_\_  
Phone No. \_\_\_\_\_  
Truck No. \_\_\_\_\_

I hereby certify that the above named material(s) was/were picked up at the Generator's site listed above and delivered without incident to the disposal facility listed below.

6-18-15  
SHIPMENT DATE

[Signature]  
DRIVER'S SIGNATURE

6-18-15  
DELIVERY DATE

[Signature]  
DRIVER'S SIGNATURE

TRUCK TIME STAMP

IN: \_\_\_\_\_ OUT: \_\_\_\_\_

DISPOSAL FACILITY

RECEIVING AREA

Name/No. 50151

Site Name/ Permit No. Halfway Facility / NM1-006  
Address Mile Marker 66 Hwy 62/180 Carlsbad, NM 88220

Phone No. 575-393-1079

NORM READINGS TAKEN? (Circle One)

YES

NO

If YES, was reading > 50 micro roentgens? (circle one)

YES

NO

PASS THE PAINT FILTER TEST? (Circle One)

YES

NO

TANK BOTTOMS

	Feet	Inches
1st Gauge	_____	_____
2nd Gauge	_____	_____
Received	_____	_____

BS&W/BBLs Received	_____	BS&W (%)	_____
Free Water	_____		
Total Received	_____		

I hereby certify that the above load material has been (circle one):

ACCEPTED

DENIED

If denied, why? \_\_\_\_\_

[Signature]  
NAME (PRINT)

6/18/15  
DATE

[Signature]  
TITLE

[Signature]  
SIGNATURE





Permian Basin

Customer: COG OPERATING LLC  
Customer #: CRI2120  
Ordered by: MANNY ROMAN  
AFE #:  
PO #:  
Manifest #: 195072  
Manif. Date: 6/19/2015  
Hauler: D & H TRUCKING  
Driver: JUSTIN  
Truck #: 453  
Card #  
Job Ref #

Ticket #: 700-702521  
Bid #: Walk-in Bid  
Date: 6/19/2015  
Generator: COG OPERATING LLC  
Generator #:  
Well Ser. #: 41912  
Well Name: CORVO FEDERAL  
Well #: 004H  
Field:  
Field #:  
Rig: NON-DRILLING  
County: LEA (NM)

Facility: CRI

Product / Service	Quantity	Units
Contaminated Soil (RCRA Exempt)	10	12.00 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:

☒ 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/ Agent Signature

R360 Representative Signature

Customer Approval

**THIS IS NOT AN INVOICE!**

Approved By: \_\_\_\_\_

Date: \_\_\_\_\_





NEW MEXICO NON-HAZARDOUS OIL/FEILD WASTE MANIFEST  
(PLEASE PRINT)

Company Man Contact Information

Name \_\_\_\_\_  
Phone No. \_\_\_\_\_

GENERATOR

Operator No. \_\_\_\_\_  
Operators Name Western Refining Wholesale LLC  
Address 1703 Commune Rd  
City, State, Zip Carlsbad N.M 88220  
Phone No. (575) 234-1414

Location of Origin  
Lease/Well Name & No. COG Production LLC  
County LEA  
API No. 30-025-41912-0000  
Rig Name & No. \_\_\_\_\_  
AFE/PO No. \_\_\_\_\_

NO. 195072

Corvo Field

EXEMPT E&P Waste/Service Identification and Amount (place volume next to waste type in barrels or cubic yards)

Oil Based Muds	_____	NON-INJECTABLE WATERS	_____	INJECTABLE WATERS	_____
Oil Based Cuttings	_____	Washout Water (Non-Injectable)	_____	Washout Water (Injectable)	_____
Water Based Muds	_____	Completion Fluid/Flow back (Non-Injectable)	_____	Completion Fluid/Flow back (Injectable)	_____
Water Based Cuttings	_____	Produced Water (Non-Injectable)	_____	Produced Water (Injectable)	_____
Produced Formation Solids	_____	Gathering Line Water/Waste (Non-Injectable)	_____	Gathering Line Water/Waste (Injectable)	_____
Tank Bottoms	_____	INTERNAL USE ONLY	_____	OTHER EXEMPT WASTES (type and generation process of the waste)	_____
E&P Contaminated Soil	_____	Truck Washout (exempt waste)	_____		
Gas Plant Waste	_____				

WASTE GENERATION PROCESS: ☐ DRILLING ☐ COMPLETION ☐ PRODUCTION ☐ GATHERING LINES

NON-EXEMPT E&P Waste/Service Identification and Amount

All non-exempt E&P waste must be analysed and be below the threshold limits for toxicity (TCLP), Ignitability, Corrosivity and Reactivity.

Non-Exempt Other \_\_\_\_\_ \*please select from Non-Exempt Waste List on back

QUANTITY (0) B - BARRELS L - LIQUID (0) Y - YARDS E - EACH

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 load is (Check the appropriate classification)

- ☐ RCRA EXEMPT: Oil field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste (R360 Accepts certifications on a per month only)
- ☐ 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 by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as non-hazardous is attached. (Check the appropriate items as provided)
- ☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Other (Provide Description Below)

☐ EMERGENCY NON-OIL/FEILD: Emergency non-hazardous, non-oil/feild waste that has been ordered by the Department of Public Safety (the order, documentation of non-hazardous waste determination and a description of the waste must accompany this form)

Manny Roman  
(PRINT) AUTHORIZED AGENTS SIGNATURE

DATE

SIGNATURE

TRANSPORTER

Transporter's Name West Petroleum & Environmental  
Address 1201 Tower Trail LN  
El Paso TX 79907  
Phone No. (915) 859-8150

Driver's Name Justin T. Trevizo  
Print Name \_\_\_\_\_  
Phone No. \_\_\_\_\_  
Truck No. 453

I hereby certify that the above named material(s) was/were picked up at the Generator's site listed above and delivered without incident to the disposal facility listed below.

SHIPMENT DATE

DRIVER'S SIGNATURE

DELIVERY DATE

DRIVER'S SIGNATURE

TRUCK TIME STAMP

DISPOSAL FACILITY

RECEIVING AREA

IN: \_\_\_\_\_ OUT: \_\_\_\_\_

Name/No. \_\_\_\_\_

Site Name/ Permit No. Halfway Facility / NM1-006  
Address Mile Marker 66 Hwy 62/180 Carlsbad, NM 88220

Phone No. 575-393-1079

NORM READINGS TAKEN? (Circle One) YES NO  
PASS THE PAINT FILTER TEST? (Circle One) YES NO

If YES, was reading > 50 micro roentgens? (circle one) YES NO

TANK BOTTOMS

1st Gauge	Feet	Inches
2nd Gauge		
Received		

BS&W/BLS Received		BS&W (%)	
Free Water			
Total Received			

I hereby certify that the above load material has been (circle one): ACCEPTED DENIED If denied, why? \_\_\_\_\_

NAME (PRINT)

DATE

TITLE

SIGNATURE



Permian Basin

Customer: COG OPERATING LLC  
Customer #: CRI2120  
Ordered by: MANNY ROMAN  
AFE #:  
PO #:  
Manifest #: 195077  
Manif. Date: 6/19/2015  
Hauler: D & H TRUCKING  
Driver: JUSTIN  
Truck #: 453  
Card #  
Job Ref #

Ticket #: 700-702485  
Bid #: Walk-in Bid  
Date: 6/19/2015  
Generator: COG OPERATING LLC  
Generator #:  
Well Ser. #: 41912  
Well Name: CORVO FEDERAL  
Well #: 004H  
Field:  
Field #:  
Rig: NON-DRILLING  
County: LEA (NM)

Facility: CRI

Product / Service

Quantity Units

Contaminated Soil (RCRA Exempt)

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:

☒ 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/ Agent Signature

R360 Representative Signature

Customer Approval

**THIS IS NOT AN INVOICE!**

Approved By: \_\_\_\_\_

Date: \_\_\_\_\_





NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST  
(PLEASE PRINT)

Company Man Contact Information

Name \_\_\_\_\_

Phone No. \_\_\_\_\_

GENERATOR

Operator No. \_\_\_\_\_  
Operators Name Western Refining Wholesale, LLC  
Address 1703 Commerce Rd  
City, State, Zip Carlsbad, NM 88220  
Phone No. 575-234-1414

Location of Origin  
Lease/Well  
Name & No. CORRO Fuel Deal  
County COG Production, LLC  
API No. LEA  
Rig Name & No. 30-025-41912-0000  
AFE/PO No. \_\_\_\_\_

NO. 195077

EXEMPT E&P Waste/Service Identification and Amount (place volume next to waste type in barrels or cubic yards)

Oil Based Muds	_____	NON-INJECTABLE WATERS	_____	INJECTABLE WATERS	_____
Oil Based Cuttings	_____	Washout Water (Non-Injectable)	_____	Washout Water (Injectable)	_____
Water Based Muds	_____	Completion Fluid/Flow back (Non-Injectable)	_____	Completion Fluid/Flow back (Injectable)	_____
Water Based Cuttings	_____	Produced Water (Non-Injectable)	_____	Produced Water (Injectable)	_____
Produced Formation Solids	_____	Gathering Line Water/Waste (Non-Injectable)	_____	Gathering Line Water/Waste (Injectable)	_____
Tank Bottoms	_____	INTERNAL USE ONLY	_____	OTHER EXEMPT WASTES (type and generation process of the waste)	_____
E&P Contaminated Soil	<u>X</u>	Truck Washout (exempt waste)	_____		
Gas Plant Waste	_____				

WASTE GENERATION PROCESS: ☐ DRILLING ☐ COMPLETION ☐ PRODUCTION ☐ GATHERING LINES

NON-EXEMPT E&P Waste/Service Identification and Amount

All non-exempt E&P waste must be analysed and be below the threshold limits for toxicity (TCLP), Ignitability, Corrosivity and Reactivity.

Non-Exempt Other \_\_\_\_\_ \*please select from Non-Exempt Waste List on back

QUANTITY 10 B - BARRELS L - LIQUID Y - YARDS E - EACH

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 load is (Check the appropriate classification)

- ☐ RCRA EXEMPT: Oil field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste (R360 Accepts certifications on a per month only)
- ☐ 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 by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as non-hazardous is attached. (Check the appropriate items as provided)
- ☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Other (Provide Description Below)

- ☐ EMERGENCY NON-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety (the order, documentation of non-hazardous waste determination and a description of the waste must accompany this form)

(PRINT) AUTHORIZED AGENTS SIGNATURE Manny Roman

DATE 6/19/15

SIGNATURE Manny Roman

TRANSPORTER

Transporter's Name D&H Petroleum & Environmental  
Address 1221 Tower Trail LN  
EL Paso TX 79907  
Phone No. (915) 859-8150

Driver's Name Justin T. Trevizo  
Print Name \_\_\_\_\_  
Phone No. \_\_\_\_\_  
Truck No. 453

I hereby certify that the above named material(s) was/were picked up at the Generator's site listed above and delivered without incident to the disposal facility listed below.

SHIPMENT DATE 6-19-15

DRIVER'S SIGNATURE Justin T. Trevizo

DELIVERY DATE 6-19-15

DRIVER'S SIGNATURE Justin T. Trevizo

TRUCK TIME STAMP

DISPOSAL FACILITY

RECEIVING AREA

IN: \_\_\_\_\_ OUT: \_\_\_\_\_

Name/No. 50151

Site Name/ Permit No. Halfway Facility / NM1-006  
Address Mile Marker 66 Hwy 62/180 Carlsbad, NM 88220

Phone No. 575-393-1079

NORM READINGS TAKEN? (Circle One) YES NO If YES, was reading > 50 micro roentgens? (circle one) YES NO  
PASS THE PAINT FILTER TEST? (Circle One) YES NO

TANK BOTTOMS

	Feet	Inches
1st Gauge	_____	_____
2nd Gauge	_____	_____
Received	_____	_____

BS&W/BBLs Received	_____	BS&W (%)	_____
Free Water	_____		
Total Received	_____		

I hereby certify that the above load material has been (circle one): ACCEPTED DENIED If denied, why? \_\_\_\_\_

NAME (PRINT) Justin Trevizo

DATE 6/19/15

TITLE Driver

SIGNATURE Justin Trevizo