

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

APR 10 2014 Form C-141
Revised August 8, 2011

Submit 1 Copy to appropriate District Office in
Santa Fe, NM 87505

RECEIVED

Release Notification and Corrective Action

OPERATOR

Initial Report Final Report

Name of Company	ConocoPhillips Company	Contact	
Address	3300 North A St. Bldg 6, Midland, TX 79705	Telephone No.	
Facility Name	MCA Well #357	Facility Type	Oil and Gas
Surface Owner	Federal	Mineral Owner	Federal
		API No.	300252584900

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
S	28	17S	32E					Eddy

Latitude 32 47' 0.84" N Longitude 103 46' 41.34" W

NATURE OF RELEASE

Type of Release	Crude Oil	Volume of Release	8.3 bbls	Volume Recovered	3 bbls
Source of Release	Hole in a 2 inch steel surface flow line	Date and Hour of Occurrence	10/11/12 0600	Date and Hour of Discovery	10/11/12 1100
Was Immediate Notice Given?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom? BLM & NMOCD			
By Whom?	Roman Salazar	Date and Hour	10/11/12 1210		
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.*

Describe Cause of Problem and Remedial Action Taken.*

Agency reportable release from two holes in a 2" steel surface flow line due to a suspected internal/external corrosion.

Describe Area Affected and Cleanup Action Taken.*

The released covered a total of 3,765 sq ft of pasture land. RECS personnel were on site beginning on November 1st, 2013 to assess the site. Two points throughout the release were sampled at the surface and at depth. The samples were field tested for chlorides and organic vapors using a PID meter. Representative samples were taken to a commercial laboratory for analysis. A Corrective Action Plan (CAP) was submitted to BLM and NMOCD on December 9th, 2013, subsequently followed by an Addendum on December 16th, 2013. Per a meeting with BLM at the site on December 9th, 2013, BLM would like an abandoned lease road north of the facility to be sampled to determine chloride and hydrocarbon levels. If the levels are within regulatory standards, the road would be removed and packed into the base of the excavation as an additional infiltration barrier. BLM approved the CAP on December 9th, 2013 and NMOCD approved the CAP on December 11th, 2013. Beginning on December 20th, 2013, RECS personnel were on site to begin the CAP work by excavating the site to a depth of 4 ft bgs. Once the excavation was completed, final wall samples were taken to confirm that the horizontal contamination in the top four feet of the vadose zone was removed. At the base of the excavation, a vertical at Point 1 was installed, with soil samples being collected at 4.5 ft and 5 ft. The caliche road was scraped down to use as backfill and a sample was collected from the scraped soil. The samples were taken to a commercial laboratory, and all samples returned chloride values below 250 mg/kg and GRO and DRO values of non-detect. Because excavation chloride and TPH values were below standards, a liner installation was not warranted. Excavated soils were evaluated for use as backfill and soils that had chloride values higher than 500 mg/kg and a field PID higher than 100 ppm were taken to a NMOCD approved facility for disposal. A total of 877 yards of soil was taken to a NMOCD approved facility for disposal. The excavation was backfilled with 2 ft of compacted caliche from the lease road. The remaining excavation was then backfilled with imported soil. A sample of the imported soil was taken to a commercial laboratory for analysis and returned a chloride result of non-detect. The site was backfilled to ground surface and contoured to the surrounding location. The site was seeded with BLM mix #2 on February 26th, 2014. Vegetation will also provide an infiltration barrier for the site, since plants capture water through their roots thereby reducing the amount of water traveling through the vadose zone to groundwater.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the NMOCD marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

Signature:	<i>Sean Robinson</i>	OIL CONSERVATION DIVISION	
Printed Name:	SEAN ROBINSON	<i>Sean Robinson</i> Environmental Specialist	
Title:	OPERATIONS SUPERVISOR	Approval Date:	4/10/14
E-mail Address:	Sean.T.Robinson@Cp.com	Expiration Date:	-
Date:	3-19-14	Conditions of Approval:	-
Phone:	575-890-8873	Attached <input type="checkbox"/>	
		IRP-06-13-2927	

* Attach Additional Sheets If Necessary

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Energy Minerals and Natural Resources
Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

OCT 17 2012

Form C-141
Revised October 10, 2003

Submit 2 Copies to appropriate
District Office in accordance
with Rule 116 on back
side of form

RECEIVED

Release Notification and Corrective Action

OPERATOR

Initial Report Final Report

Name of Company ConocoPhillips Company	Contact John W. Gates
Address 3300 North A St. Bldg 6, Midland, TX 79705-5406	Telephone No. 505.391.3158
Facility Name MCA Well #357	Facility Type Oil and Gas

Surface Owner Federal	Mineral Owner Federal	Lease No 300252584900
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LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
S M	28	T 17	32					Lea

Latitude **32 47'.84" N** Longitude **103 46' 41.34" W**

DTW = 145'

NATURE OF RELEASE

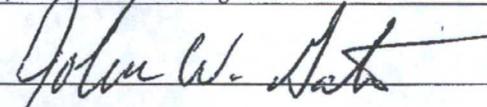
Type of Release Crude Oil	Volume of Release 8.3bbl (8.3oil, 0water)	Volume Recovered (3oil, 0water)
Source of Release Holes in a 2 inch steel surface flow line	Date and Hour of Occurrence 10/11/12 0600	Date and Hour of Discovery 10/11/12 1100
Was Immediate Notice Given? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom? BLM & NMOCD	
By Whom? Roman Salazar	Date and Hour 10/11/12 1210	
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.*

Describe Cause of Problem and Remedial Action Taken.*
Agency Reportable Release from two holes in a 2" steel surface flow line due to suspected internal/external corrosion.

Describe Area Affected and Cleanup Action Taken.*
The affected area is a 56' X 80' X 2" area of pasture land. A vacuum truck was called and ~3 bbls of oil was recovered.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the NMOCD marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

Signature: 	OIL CONSERVATION DIVISION 	
Printed Name: John W. Gates	Approved by District Supervisor Environmental Specialist	
Title: HSER Lead	Approval Date: 10/17/12	Expiration Date: 12/17/12
E-mail Address: John.W.Gates@conocophillips.com	Conditions of Approval: DELINEATE AND	Attached <input type="checkbox"/>
Date: 10/17/12 Phone: 505.391.3158	REMEDIAL PER OCD GUIDELINES IRP-6-13-2927	

• Attach Additional Sheets If Necessary

SUBMIT FINAL C-141 BY 12/17/12

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Form C-141
Revised October 10, 2003
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side of form

Release Notification and Corrective Action

OPERATOR

Initial Report Final Report

Name of Company ConocoPhillips Company	Contact John W. Gates
Address 3300 North A St. Bldg 6, Midland, TX 79705-5406	Telephone No. 505.391.3158
Facility Name MCA Well #357	Facility Type Oil and Gas
Surface Owner Federal	Mineral Owner Federal
Lease No 300252584900	

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
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Latitude **32 47'.84" N** Longitude **103 46' 41.34" W**

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By Whom? Roman Salazar	Date and Hour 10/11/12 1210	
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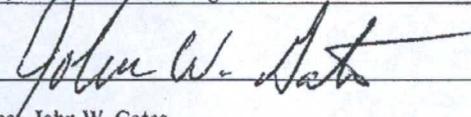
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Signature: 	OIL CONSERVATION DIVISION	
Printed Name: John W. Gates	Approved by District Supervisor:	
Title: HSER Lead	Approval Date:	Expiration Date:
E-mail Address: John.W.Gates@conocophillips.com	Conditions of Approval:	Attached <input type="checkbox"/>
Date: 10/17/12 Phone: 505.391.3158		

- Attach Additional Sheets If Necessary



HOBBS OCD

APR 10 2014

CONOCOPHILLIPS

RECEIVED

P.O. Box 2197
Houston, TX 77252-2197
Phone 281.293.1000

MCA Well #357

(1RP-06-13-2927)

**CAP Report & Termination
Request**

API No. 300252584900

Release Date: October 11th, 2012

Unit Letter M, Section 28, Township 17S, Range 32E

Rice Environmental Consulting & Safety

P.O. Box 2948, Hobbs, NM 88241

Phone 575.393.2967

March 28th, 2014

Geoffrey Leking

New Mexico Energy, Minerals, & Natural Resources

Oil Conservation Division, Environmental Bureau – District 1

1625 N. French Dr.

Hobbs, NM 88240-9273

**RE: Corrective Action Plan Report & Termination Request
ConocoPhillips – MCA Well #357 (IRP-06-13-2927)
UL/M sec. 28 T17S R32E
API No. 300252584900**

Mr. Leking:

ConocoPhillips (CoP) has retained Rice Environmental Consulting and Safety (RECS) to address potential environmental concerns at the above-referenced site.

Background and Previous Work

The site is located approximately 4 miles south of Maljamar, New Mexico at UL/M sec. 28 T17S R32E. NM OSE records indicate that groundwater will likely be encountered at a depth of approximately 65 +/- feet.

On October 11th, 2012, CoP discovered a release of crude oil from a 2 inch steel surface flow line. The line broke due to corrosion. The line released a total of 8.3 bbls of oil over 3,765 sq ft of pasture land. A vacuum truck was called to the site and recovered 3 bbls of oil. An initial C-141 dated October 17th, 2012 was submitted to NMOCD and BLM (Appendix A).

RECS personnel were on site beginning on November 1st, 2013 to assess the site. Two points throughout the release were sampled at the surface and at depth (Figure 1). The samples were field tested for chlorides and organic vapors using a PID meter. Representative samples were taken to a commercial laboratory for analysis (Appendix B).

Corrective Action Plan

A Corrective Action Plan (CAP) was submitted to BLM and NMOCD on December 9th, 2013, subsequently followed by an Addendum on December 16th, 2013. The release would be excavated to a depth of 4 ft bgs. The excavated soil would be taken to a NMOCD approved facility for disposal. At 4 ft bgs, the side walls and bottom of the excavation would be sampled. The samples would be taken to a commercial laboratory to make sure that all soil constituents are below regulatory standards. Once the excavation was completed, the extent of the vertical contamination would be determined by

installing a vertical at the base of the excavation. Representative samples would be taken to a commercial laboratory to confirm chloride values below 250 mg/kg at the base of the vertical.

If the laboratory sampling of the bottom of the excavation showed chloride levels above 500 mg/kg, a 20 mil reinforced poly liner would be installed and properly seated at the base of the excavation. The liner would be padded with clean, imported soil to prevent punctures.

Per a meeting with BLM at the site on December 9th, 2013, BLM would like an abandoned lease road north of the facility to be sampled to determine chloride and hydrocarbon levels. If the levels are within regulatory standards, the road would be removed and packed into the base of the excavation as an additional infiltration barrier. The site would then be backfilled with clean, imported soil, and contoured to the surrounding location. Soil amendments would be added as necessary and the site will be seeded with a blend of native vegetation. BLM approved the CAP on December 9th, 2013 and NMOCD approved the CAP on December 11th, 2013.

Corrective Action Plan Report

Beginning on December 20th, 2013, RECS personnel were on site to begin the CAP work by excavating the site to a depth of 4 ft bgs. Once the excavation was completed, final wall samples were taken to confirm that the horizontal contamination in the top four feet of the vadose zone was removed. At the base of the excavation, a vertical at Point 1 was installed, with soil samples being collected at 4.5 ft and 5 ft. The caliche road was scraped down to use as backfill and a sample was collected from the scraped soil. The samples were taken to a commercial laboratory, and all samples returned chloride values below 250 mg/kg and GRO and DRO values of non-detect (Appendix B). Because chloride and TPH values were below standards in the excavation, a liner installation was not warranted. Excavated soils were evaluated for use as backfill and soils that had chloride values higher than 500 mg/kg and a field PID higher than 100 ppm were taken to a NMOCD approved facility for disposal. A total of 877 yards of soil was taken to a NMOCD approved facility for disposal.

The excavation was backfilled with 2 ft of compacted caliche from the lease road. A sample of the lease road was taken to a commercial laboratory for analysis and returned a result of 96 mg/kg. The remaining excavation was then backfilled with imported soil. A sample of the imported soil was taken to a commercial laboratory for analysis and returned a chloride result of non-detect (Appendix C). The site was backfilled to ground surface and contoured to the surrounding location. The site was seeded with BLM mix #2 on February 26th, 2014. Vegetation will also provide an infiltration barrier for the site, since plants capture water through their roots thereby reducing the amount of water traveling through the vadose zone to groundwater.

Photo documentation for these activities can be found in Appendix D.

Given that the contaminated soil was removed from the site and replaced with clean, imported soil, Conoco Phillips respectfully requests 'remediation termination' and site closure. A final C-141 for the site can be found in Appendix E.

RECS appreciates the opportunity to work with you on this project. Please call Hack Conder at (575) 393-2967 or me if you have any questions or wish to discuss the site.

Sincerely,

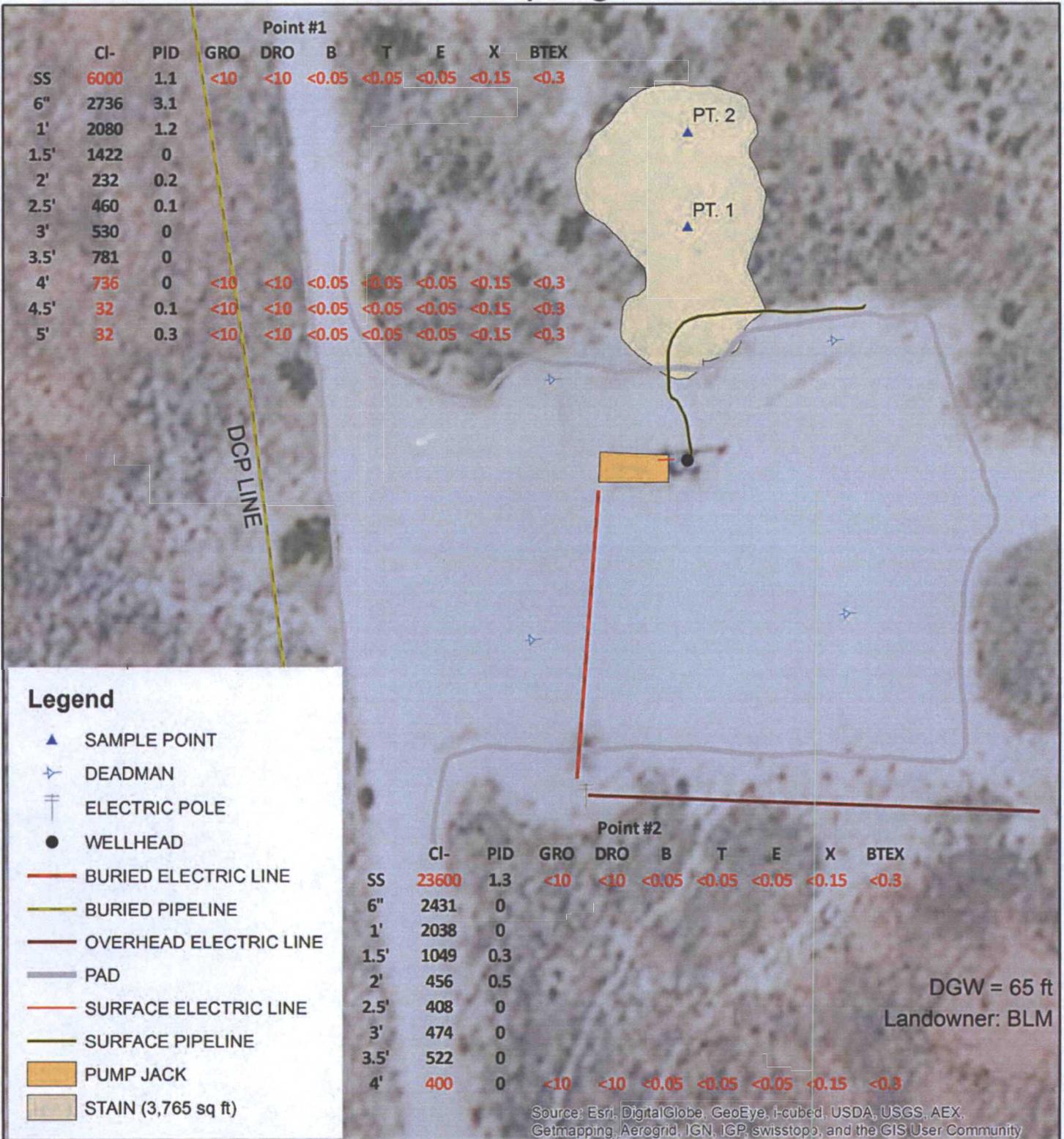


Lara Weinheimer
Project Scientist
RECS
(575) 441-0431

Attachments:

- Figure 1 – Initial Sampling Data
- Figure 2 – Excavation Data
- Appendix A – Initial C-141
- Appendix B – Vertical Installation, Final Bottom and Wall Samples, Caliche Road Sampling Labs
- Appendix C – Imported Soil Lab
- Appendix D – Photo Documentation
- Appendix E – Final C-141

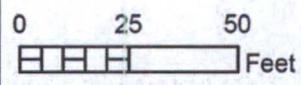
Initial Sampling Data



CONOCOPHILLIPS MCA WELL #357

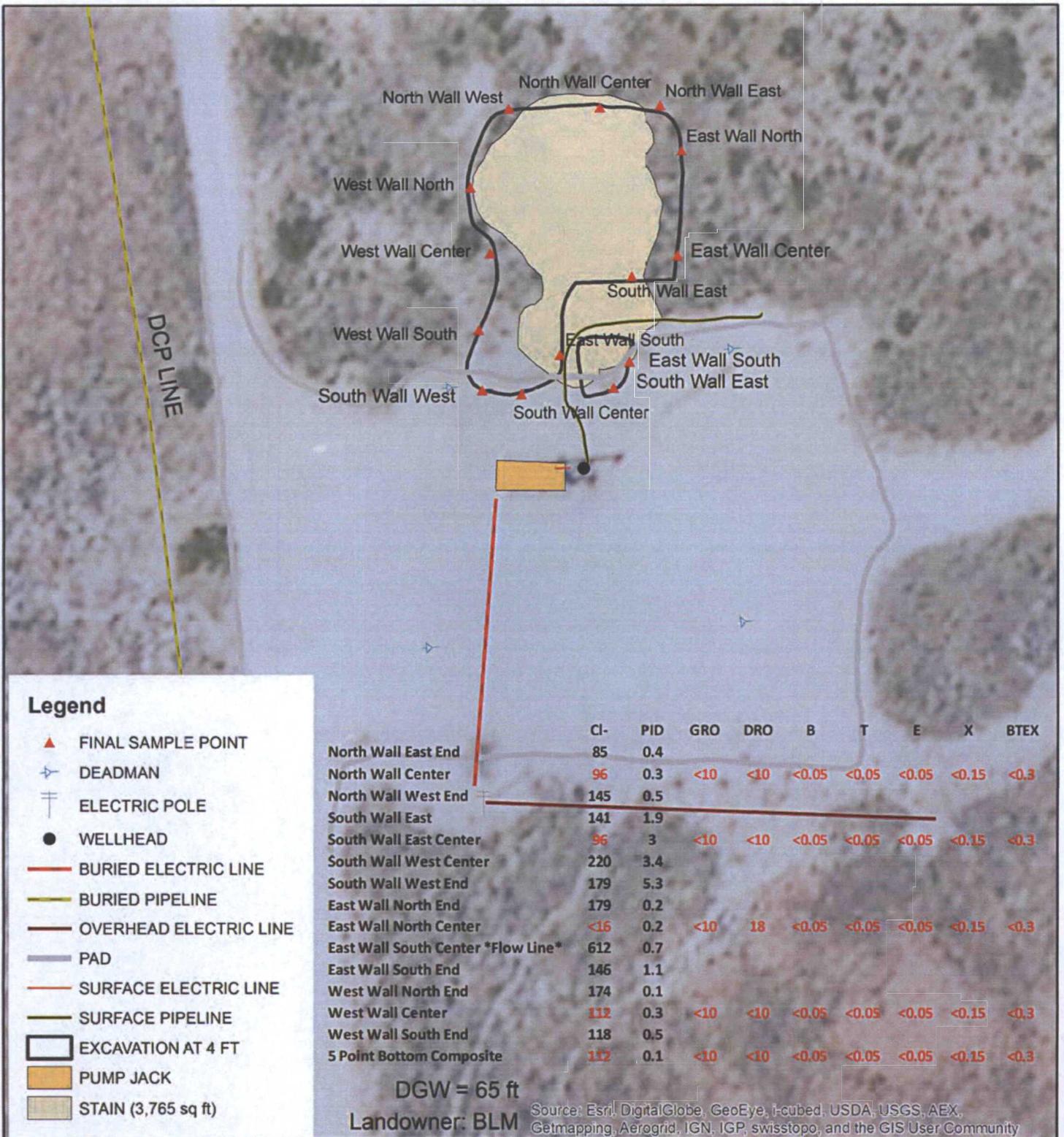
LEGALS: UL/M sec. 28
T-17-S R-32-E
LEA COUNTY, NM

Figure 1



GPS date: 11/4/13 JK
Drawing date: 1/2/14
Drafted by: L. Weinheimer

Excavation Data



CONOCOPHILLIPS MCA WELL #357

LEGALS: UL/M sec. 28
T-17-S R-32-E
LEA COUNTY, NM

Figure 2



0 25 50
Feet

GPS date: 11/4/13 JK
Drawing date: 11/12/13
Drafted by: L. Weinheimer



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

December 31, 2013

JACOB KAMPLAIN

RICE ENVIRONMENTAL CONSULTING & SAFETY LLC

419 W. CAIN

HOBBS, NM 88240

RE: WELL #357

Enclosed are the results of analyses for samples received by the laboratory on 12/30/13 13:45.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-13-5. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in dark ink that reads "Celey D. Keene". The signature is fluid and cursive, written in a professional style.

Celey D. Keene

Lab Director/Quality Manager

Analytical Results For:

 RICE ENVIRONMENTAL CONSULTING & SAFETY
 JACOB KAMPLAIN
 419 W. CAIN
 HOBBS NM, 88240
 Fax To: (575) 397-1471

 Received: 12/30/2013
 Reported: 12/31/2013
 Project Name: WELL #357
 Project Number: NONE GIVEN
 Project Location: NOT GIVEN

 Sampling Date: 12/27/2013
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: NORTH WALL CENTER (H303151-01)

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/30/2013	ND	1.77	88.5	2.00	3.75		
Toluene*	<0.050	0.050	12/30/2013	ND	1.76	87.9	2.00	3.39		
Ethylbenzene*	<0.050	0.050	12/30/2013	ND	1.73	86.5	2.00	3.04		
Total Xylenes*	<0.150	0.150	12/30/2013	ND	5.08	84.6	6.00	2.87		
Total BTEX	<0.300	0.300	12/30/2013	ND						

Surrogate: 4-Bromofluorobenzene (PIC) 103 % 89.4-126

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	12/31/2013	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: ms						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	12/30/2013	ND	175	87.7	200	7.64		
DRO >C10-C28	<10.0	10.0	12/30/2013	ND	184	92.2	200	7.36		

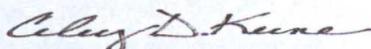
Surrogate: 1-Chlorooctane 102 % 65.2-140

Surrogate: 1-Chlorooctadecane 98.3 % 63.6-154

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.



Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

 RICE ENVIRONMENTAL CONSULTING & SAFETY
 JACOB KAMPLAIN
 419 W. CAIN
 HOBBS NM, 88240
 Fax To: (575) 397-1471

 Received: 12/30/2013
 Reported: 12/31/2013
 Project Name: WELL #357
 Project Number: NONE GIVEN
 Project Location: NOT GIVEN

 Sampling Date: 12/27/2013
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: SOUTH WALL EAST CENTER (H303151-02)

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/30/2013	ND	1.77	88.5	2.00	3.75		
Toluene*	<0.050	0.050	12/30/2013	ND	1.76	87.9	2.00	3.39		
Ethylbenzene*	<0.050	0.050	12/30/2013	ND	1.73	86.5	2.00	3.04		
Total Xylenes*	<0.150	0.150	12/30/2013	ND	5.08	84.6	6.00	2.87		
Total BTEX	<0.300	0.300	12/30/2013	ND						

Surrogate: 4-Bromofluorobenzene (PIC) 103 % 89.4-126

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	12/31/2013	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: ms						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	12/30/2013	ND	175	87.7	200	7.64		
DRO >C10-C28	<10.0	10.0	12/30/2013	ND	184	92.2	200	7.36		

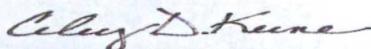
Surrogate: 1-Chlorooctane 109 % 65.2-140

Surrogate: 1-Chlorooctadecane 105 % 63.6-154

Cardinal Laboratories

* = Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.



Celestine D. Keene, Lab Director/Quality Manager

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 JACOB KAMPLAIN
 419 W. CAIN
 HOBBS NM, 88240
 Fax To: (575) 397-1471

 Received: 12/30/2013
 Reported: 12/31/2013
 Project Name: WELL #357
 Project Number: NONE GIVEN
 Project Location: NOT GIVEN

 Sampling Date: 12/27/2013
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: EAST WALL NORTH CENTER (H303151-03)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/30/2013	ND	1.77	88.5	2.00	3.75	
Toluene*	<0.050	0.050	12/30/2013	ND	1.76	87.9	2.00	3.39	
Ethylbenzene*	<0.050	0.050	12/30/2013	ND	1.73	86.5	2.00	3.04	
Total Xylenes*	<0.150	0.150	12/30/2013	ND	5.08	84.6	6.00	2.87	
Total BTEX	<0.300	0.300	12/30/2013	ND					

Surrogate: 4-Bromofluorobenzene (PIE) 103 % 89.4-126

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	12/31/2013	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	12/30/2013	ND	175	87.7	200	7.64	
DRO >C10-C28	18.0	10.0	12/30/2013	ND	184	92.2	200	7.36	

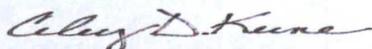
Surrogate: 1-Chlorooctane 97.7 % 65.2-140

Surrogate: 1-Chlorooctadecane 96.4 % 63.6-154

Cardinal Laboratories

* = Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

 RICE ENVIRONMENTAL CONSULTING & SAFETY
 JACOB KAMPLAIN
 419 W. CAIN
 HOBBS NM, 88240
 Fax To: (575) 397-1471

 Received: 12/30/2013
 Reported: 12/31/2013
 Project Name: WELL #357
 Project Number: NONE GIVEN
 Project Location: NOT GIVEN

 Sampling Date: 12/27/2013
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: WEST WALL CENTER (H303151-04)

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/30/2013	ND	1.77	88.5	2.00	3.75		
Toluene*	<0.050	0.050	12/30/2013	ND	1.76	87.9	2.00	3.39		
Ethylbenzene*	<0.050	0.050	12/30/2013	ND	1.73	86.5	2.00	3.04		
Total Xylenes*	<0.150	0.150	12/30/2013	ND	5.08	84.6	6.00	2.87		
Total BTEX	<0.300	0.300	12/30/2013	ND						

Surrogate: 4-Bromofluorobenzene (PIC) 103 % 89.4-126

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	112	16.0	12/31/2013	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: ms						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	12/30/2013	ND	175	87.7	200	7.64		
DRO >C10-C28	<10.0	10.0	12/30/2013	ND	184	92.2	200	7.36		

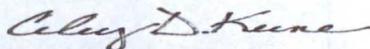
Surrogate: 1-Chlorooctane 99.0 % 65.2-140

Surrogate: 1-Chlorooctadecane 98.0 % 63.6-154

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

 RICE ENVIRONMENTAL CONSULTING & SAFETY
 JACOB KAMPLAIN
 419 W. CAIN
 HOBBS NM, 88240
 Fax To: (575) 397-1471

 Received: 12/30/2013
 Reported: 12/31/2013
 Project Name: WELL #357
 Project Number: NONE GIVEN
 Project Location: NOT GIVEN

 Sampling Date: 12/30/2013
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: 5 PT BOTTOM COMP (H303151-05)

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/30/2013	ND	1.77	88.5	2.00	3.75		
Toluene*	<0.050	0.050	12/30/2013	ND	1.76	87.9	2.00	3.39		
Ethylbenzene*	<0.050	0.050	12/30/2013	ND	1.73	86.5	2.00	3.04		
Total Xylenes*	<0.150	0.150	12/30/2013	ND	5.08	84.6	6.00	2.87		
Total BTEX	<0.300	0.300	12/30/2013	ND						

Surrogate: 4-Bromofluorobenzene (PIC) 102 % 89.4-126

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	112	16.0	12/31/2013	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: ms						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	12/30/2013	ND	175	87.7	200	7.64		
DRO >C10-C28	<10.0	10.0	12/30/2013	ND	184	92.2	200	7.36		

Surrogate: 1-Chlorooctane 87.1 % 65.2-140

Surrogate: 1-Chlorooctadecane 86.6 % 63.6-154

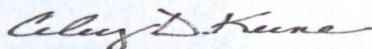
Sample ID: CALICHE ROAD (H303151-06)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	12/31/2013	ND	416	104	400	0.00		

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

 RICE ENVIRONMENTAL CONSULTING & SAFETY
 JACOB KAMPLAIN
 419 W. CAIN
 HOBBS NM, 88240
 Fax To: (575) 397-1471

 Received: 12/30/2013
 Reported: 12/31/2013
 Project Name: WELL #357
 Project Number: NONE GIVEN
 Project Location: NOT GIVEN

 Sampling Date: 12/30/2013
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: PT. 1 @ 4.5' (H303151-07)

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/30/2013	ND	1.77	88.5	2.00	3.75		
Toluene*	<0.050	0.050	12/30/2013	ND	1.76	87.9	2.00	3.39		
Ethylbenzene*	<0.050	0.050	12/30/2013	ND	1.73	86.5	2.00	3.04		
Total Xylenes*	<0.150	0.150	12/30/2013	ND	5.08	84.6	6.00	2.87		
Total BTEX	<0.300	0.300	12/30/2013	ND						

Surrogate: 4-Bromofluorobenzene (PIL) 102 % 89.4-126

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	12/31/2013	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: ms						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	12/31/2013	ND	175	87.7	200	7.64		
DRO >C10-C28	<10.0	10.0	12/31/2013	ND	184	92.2	200	7.36		

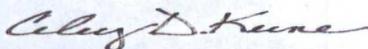
Surrogate: 1-Chlorooctane 96.8 % 65.2-140

Surrogate: 1-Chlorooctadecane 98.8 % 63.6-154

Cardinal Laboratories

* = Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

 RICE ENVIRONMENTAL CONSULTING & SAFETY
 JACOB KAMPLAIN
 419 W. CAIN
 HOBBS NM, 88240
 Fax To: (575) 397-1471

 Received: 12/30/2013
 Reported: 12/31/2013
 Project Name: WELL #357
 Project Number: NONE GIVEN
 Project Location: NOT GIVEN

 Sampling Date: 12/30/2013
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: PT. 1 @ 5' (H303151-08)

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/30/2013	ND	1.77	88.5	2.00	3.75		
Toluene*	<0.050	0.050	12/30/2013	ND	1.76	87.9	2.00	3.39		
Ethylbenzene*	<0.050	0.050	12/30/2013	ND	1.73	86.5	2.00	3.04		
Total Xylenes*	<0.150	0.150	12/30/2013	ND	5.08	84.6	6.00	2.87		
Total BTEX	<0.300	0.300	12/30/2013	ND						

Surrogate: 4-Bromofluorobenzene (PIC) 102 % 89.4-126

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	12/31/2013	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: ms						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	12/30/2013	ND	175	87.7	200	7.64		
DRO >C10-C28	<10.0	10.0	12/30/2013	ND	184	92.2	200	7.36		

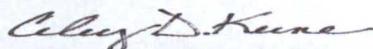
Surrogate: 1-Chlorooctane 68.3 % 65.2-140

Surrogate: 1-Chlorooctadecane 67.0 % 63.6-154

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

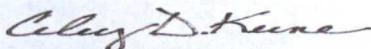
Notes and Definitions

ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

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Celestine D. Keene, Lab Director/Quality Manager

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

ARDINAL LABORATORIES

101 East Marland, Hobbs, NM 88240 2111 Beechwood, Abilene, TX 79603
 (505) 393-2326 FAX (505) 393-2476 (325) 673-7001 FAX (325) 673-7020

Company Name: RECS		P.O. #:		ANALYSIS REQUEST	
Project Manager: Jacob Kampain		Company:		Chlorides	
Address:		Attn:		TPH 8015 M	
City: Hobbs		Address:		BTEX	
State: NM Zip: 88240		City:		Texas TPH	
Phone #:		State:		Complete Cations/Anions	
Project #:		Phone #:		TDS	
Project Name: Conoco Phillips		Fax #:			
Project Location: Well #357		Project Owner:			
Sampler Name: Chris Flores					
FOR LAB USE ONLY					
Lab I.D.	Sample I.D.	MATRIX	PRESERV	SAMPLING	
H302151		GROUNDWATER	ICE / COOL	DATE	TIME
1	North Wall Center	WASTEWATER	ACID/BASE:	12-27-13	10:00 AM
2	South Wall East Center	SOIL	OTHER:	12-27-13	11:05 AM
3	East Wall North Center	OIL		12-27-13	10:25 AM
4	West Wall Center	SLUDGE		12-27-13	11:45 PM
5	5 Point Bottom Composite			12-30-13	11:00 AM
6	Caliche Road			12-30-13	11:40 AM
7	Point I e 4.5'			12-30-13	9:20 AM
8	Point I e 5'			12-30-13	9:25 AM

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Relinquished By: <i>Chris Flores</i>	Date: 12-30-2013	Received By: <i>Jodi Hanson</i>	Phone Result: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Add'l Phone #:
Relinquished By: <i>Chris Flores</i>	Time: 4:45	Received By: <i>Jodi Hanson</i>	Fax Result: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Add'l Fax #:
Delivered By: (Circle One)	Date:	Sample Condition	REMARKS:	
Sampler - UPS - Bus - Other:	Time:	Cool <input type="checkbox"/> Intact <input checked="" type="checkbox"/>	email results	
		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	J Kampain @	
			I Weinheimer @	
			I Flores @	
			I Condere @	
			C Flores @	

RUSH!!

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

#54



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

January 14, 2014

JACOB KAMPLAIN

RICE ENVIRONMENTAL CONSULTING & SAFETY LLC

419 W. CAIN

HOBBS, NM 88240

RE: MCA #357

Enclosed are the results of analyses for samples received by the laboratory on 01/08/14 16:35.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-13-5. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive, flowing style.

Celey D. Keene

Lab Director/Quality Manager

Analytical Results For:

 RICE ENVIRONMENTAL CONSULTING & SAFETY
 JACOB KAMPLAIN
 419 W. CAIN
 HOBBS NM, 88240
 Fax To: (575) 397-1471

 Received: 01/08/2014
 Reported: 01/14/2014
 Project Name: MCA #357
 Project Number: NONE GIVEN
 Project Location: NOT GIVEN

 Sampling Date: 01/07/2014
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

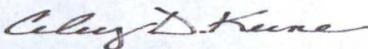
Sample ID: IMPORTED SOIL (H400070-01)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	01/09/2014	ND	400	100	400	0.00		
TPH 8015M		mg/kg		Analyzed By: ms						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	01/12/2014	ND	170	84.8	200	9.62		
DRO >C10-C28	<10.0	10.0	01/12/2014	ND	170	84.8	200	13.1		
<i>Surrogate: 1-Chlorooctane</i>		<i>101 %</i>	<i>65.2-140</i>							
<i>Surrogate: 1-Chlorooctadecane</i>		<i>112 %</i>	<i>63.6-154</i>							

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

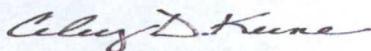
Notes and Definitions

ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories

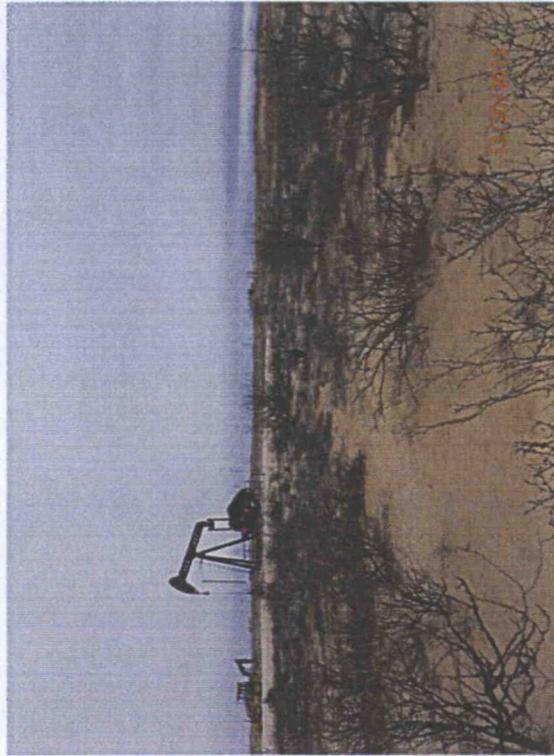
*=Accredited Analyte

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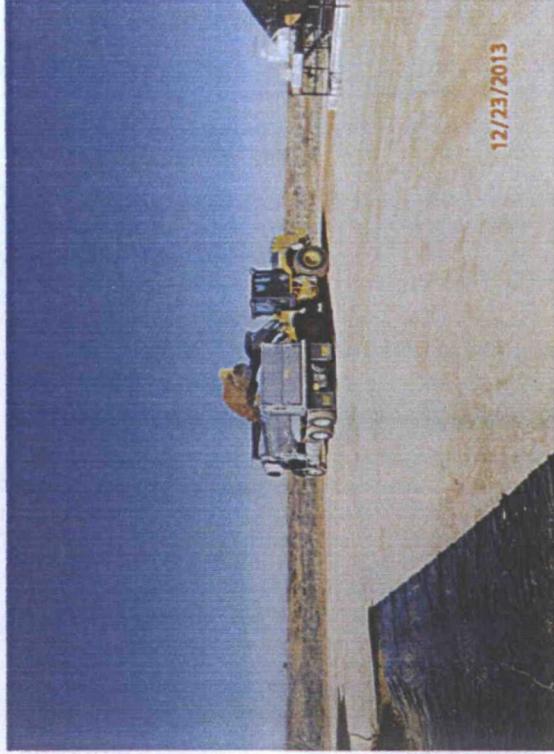
Celey D. Keene, Lab Director/Quality Manager

ConocoPhillips MCA Well #357
Unit Letter M, Section 28, T17S, R32E



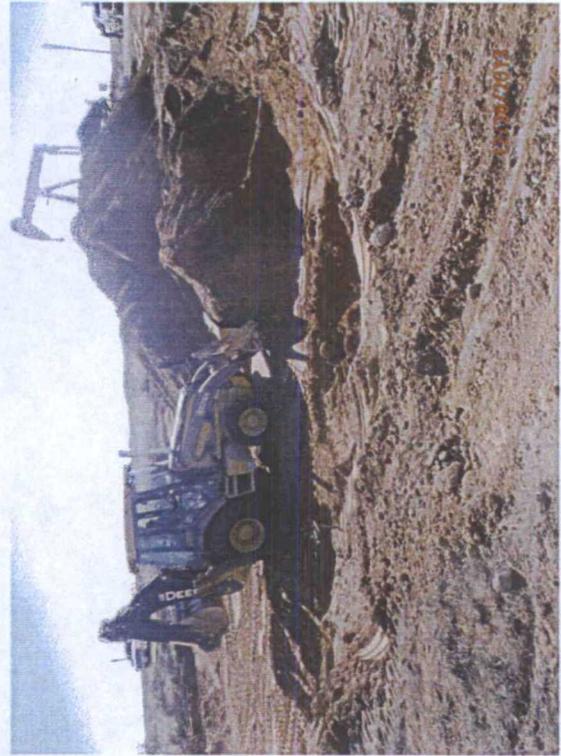
Site prior, facing southwest

12/20/2013



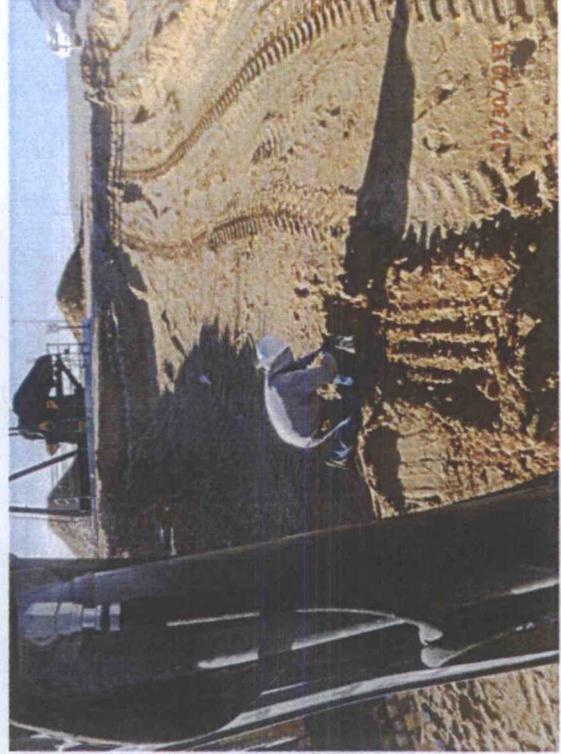
Exporting soil, facing northwest

12/23/2013



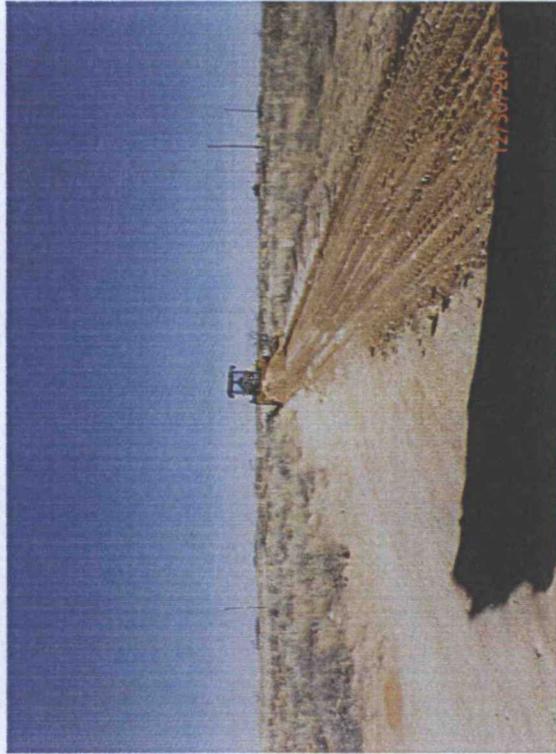
Excavating site, facing southeast

12/26/2013



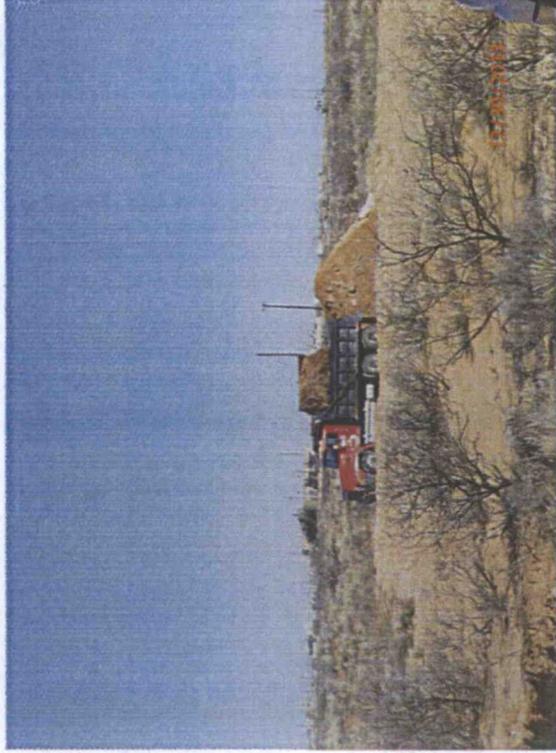
Collecting sample, facing south

12/30/2013



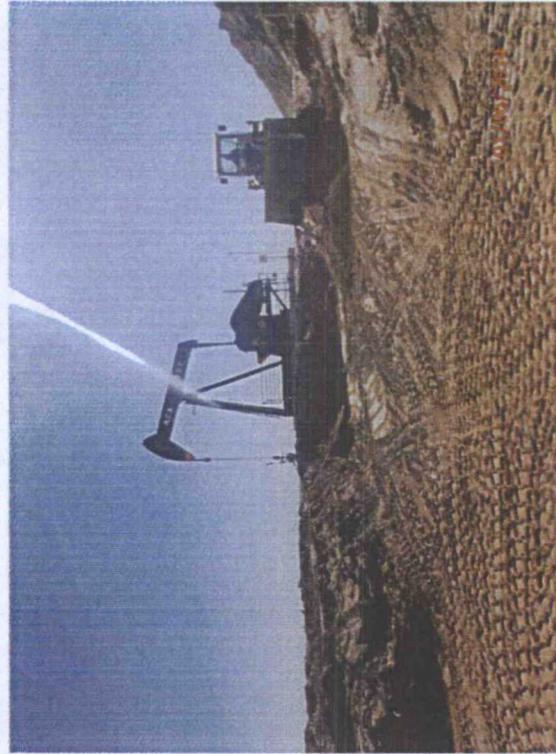
Scraping caliche road, facing northeast

12/30/2013



Importing caliche to site, facing north

12/30/2013

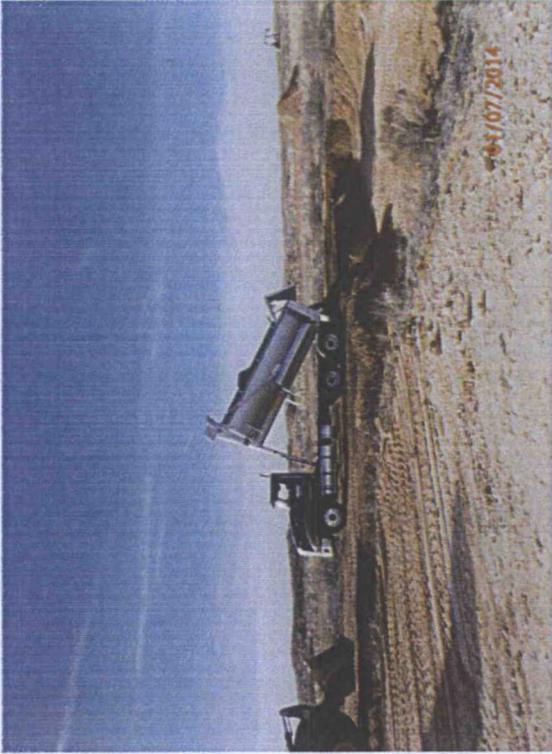


Backfilling base of excavation with caliche, facing south 1/6/2014



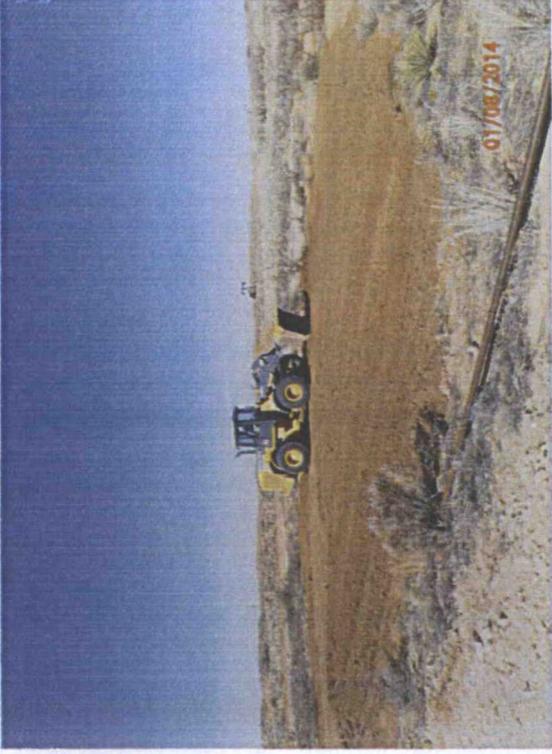
Excavation packed with caliche, facing southwest

1/7/2014



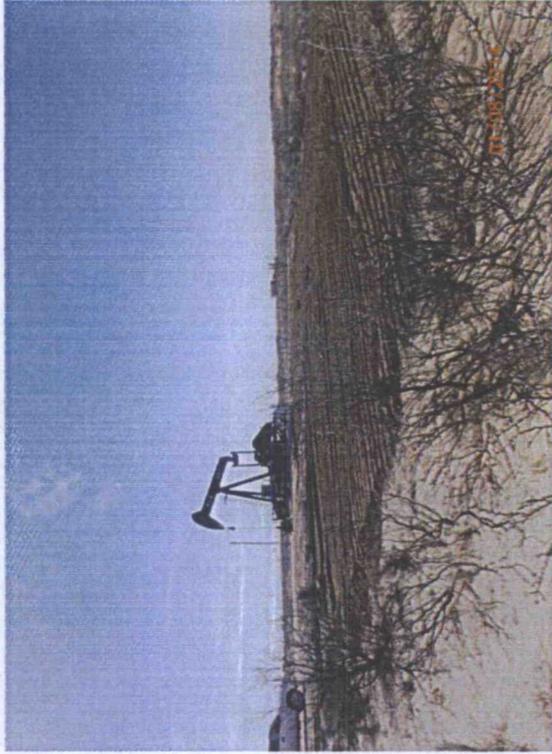
Importing top soil, facing northwest

1/7/2014



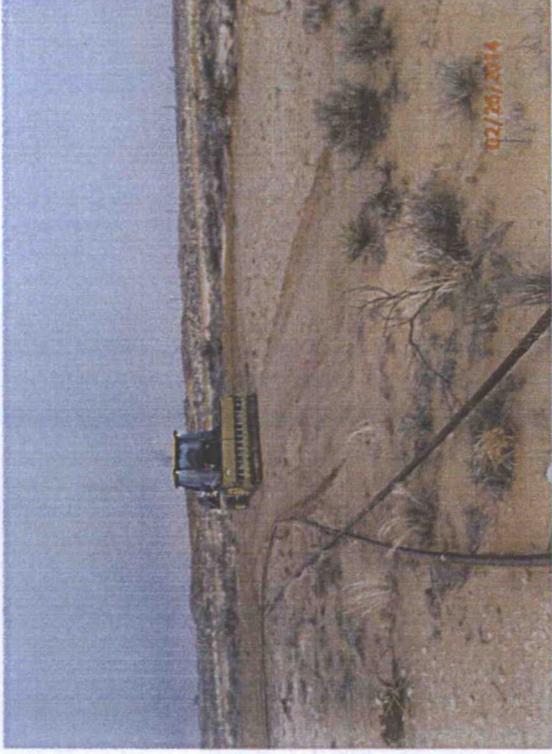
Backfilling excavation with top soil, facing northwest

1/8/2014



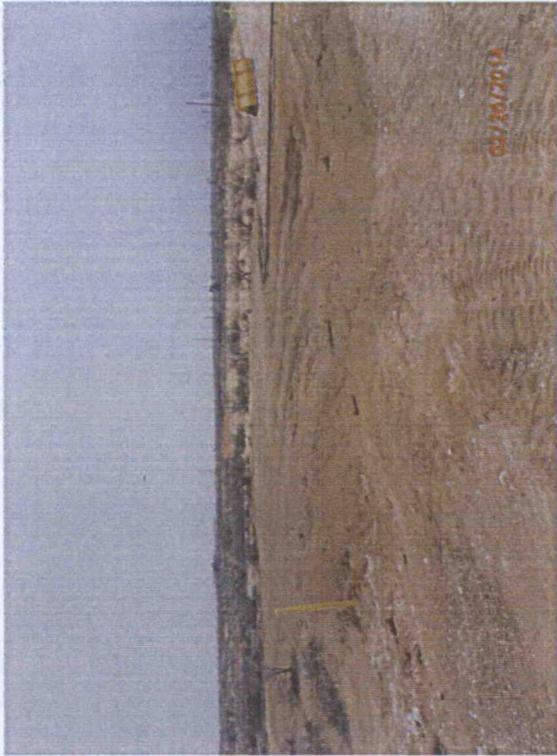
Backfilling completed, facing southwest

1/8/2014



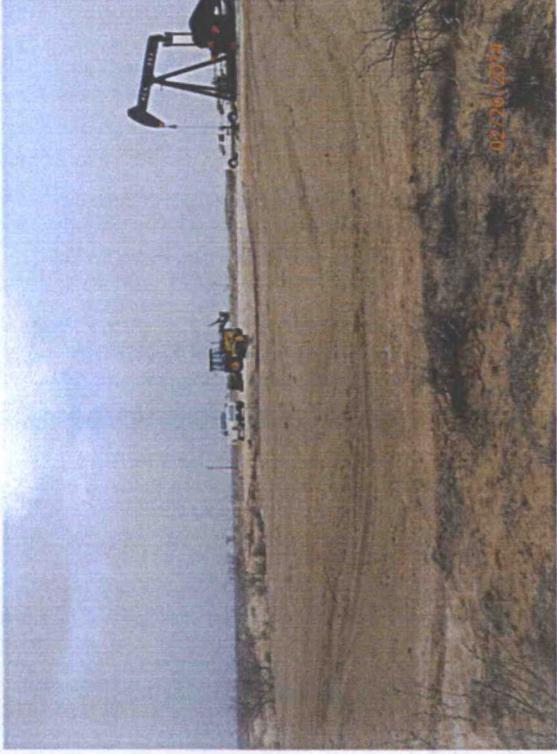
Seeding site, facing west

2/26/2014



Site completed, facing northeast

2/26/2014



Site completed, facing southeast

2/26/2014

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

Form C-141
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 ConocoPhillips Company	Contact
Address 3300 North A St. Bldg 6, Midland, TX 79705	Telephone No.
Facility Name MCA Well #357	Facility Type Oil and Gas

Surface Owner Federal	Mineral Owner Federal	API No. 300252584900
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LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
S	28	17S	32E					Eddy

Latitude 32 47' 0.84" N Longitude 103 46' 41.34" W

NATURE OF RELEASE

Type of Release Crude Oil	Volume of Release 8.3 bbls	Volume Recovered 3 bbls
Source of Release Hole in a 2 inch steel surface flow line	Date and Hour of Occurrence 10/11/12 0600	Date and Hour of Discovery 10/11/12 1100
Was Immediate Notice Given? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom? BLM & NMOCD	
By Whom? Roman Salazar	Date and Hour 10/11/12 1210	
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.*
Describe Cause of Problem and Remedial Action Taken.*
Agency reportable release from two holes in a 2" steel surface flow line due to a suspected internal/external corrosion.

Describe Area Affected and Cleanup Action Taken.*
The released covered a total of 3,765 sq ft of pasture land. RECS personnel were on site beginning on November 1st, 2013 to assess the site. Two points throughout the release were sampled at the surface and at depth. The samples were field tested for chlorides and organic vapors using a PID meter. Representative samples were taken to a commercial laboratory for analysis. A Corrective Action Plan (CAP) was submitted to BLM and NMOCD on December 9th, 2013, subsequently followed by an Addendum on December 16th, 2013. Per a meeting with BLM at the site on December 9th, 2013, BLM would like an abandoned lease road north of the facility to be sampled to determine chloride and hydrocarbon levels. If the levels are within regulatory standards, the road would be removed and packed into the base of the excavation as an additional infiltration barrier. BLM approved the CAP on December 9th, 2013 and NMOCD approved the CAP on December 11th, 2013. Beginning on December 20th, 2013, RECS personnel were on site to begin the CAP work by excavating the site to a depth of 4 ft bgs. Once the excavation was completed, final wall samples were taken to confirm that the horizontal contamination in the top four feet of the vadose zone was removed. At the base of the excavation, a vertical at Point 1 was installed, with soil samples being collected at 4.5 ft and 5 ft. The caliche road was scraped down to use as backfill and a sample was collected from the scraped soil. The samples were taken to a commercial laboratory, and all samples returned chloride values below 250 mg/kg and GRO and DRO values of non-detect. Because excavation chloride and TPH values were below standards, a liner installation was not warranted. Excavated soils were evaluated for use as backfill and soils that had chloride values higher than 500 mg/kg and a field PID higher than 100 ppm were taken to a NMOCD approved facility for disposal. A total of 877 yards of soil was taken to a NMOCD approved facility for disposal. The excavation was backfilled with 2 ft of compacted caliche from the lease road. The remaining excavation was then backfilled with imported soil. A sample of the imported soil was taken to a commercial laboratory for analysis and returned a chloride result of non-detect. The site was backfilled to ground surface and contoured to the surrounding location. The site was seeded with BLM mix #2 on February 26th, 2014. Vegetation will also provide an infiltration barrier for the site, since plants capture water through their roots thereby reducing the amount of water traveling through the vadose zone to groundwater.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the NMOCD marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

Signature: <i>Sean Robinson</i>	OIL CONSERVATION DIVISION <i>Jeffrey Skrim</i> Environmental Specialist	
Printed Name: SEAN ROBINSON	Approved by Environmental Specialist	
Title: OPERATIONS SUPERVISOR	Approval Date: 11/10/14	Expiration Date: —
E-mail Address: Sean.T.Robinson@cp.com	Conditions of Approval: —	Attached <input type="checkbox"/>
Date: 3-19-14 Phone: 575-390-8873		IR-06-13-2927

* Attach Additional Sheets If Necessary

Leking, Geoffrey R, EMNRD

From: Leking, Geoffrey R, EMNRD
Sent: Friday, June 07, 2013 10:11 AM
To: 'Wright, Justin (PAC)'
Subject: RE: MCA #357

Justin

If sampling has been performed already, then please provide sample data.

If no sampling has been performed, then:

Depth to water is approximately 145'. Delineate to 250 ppm for chlorides. RRALs are Benzene = 10 ppm, BTEX = 50 ppm, TPH = 5000 ppm and chlorides = 1000 ppm. You can follow the plan you have provided and collect confirmation samples. You can collect fields as you excavate. Over the old pit – excavate as deep **as the deepest excavation to clean on the pad** and then emplace clay (6" to a 1' with a foot being preferred if the excavation goes that deep) and then the sand. Please contact me if you have any questions. Thank you.

Geoffrey Leking
Environmental Specialist
NMOCD-Hobbs
1625 N. French Drive
Hobbs, NM 88240
Office: (575) 393-6161 Ext. 113
Cell: (575) 399-2990
email: geoffreyr.leting@state.nm.us

From: Wright, Justin (PAC) [<mailto:Justin.Wright@contractor.conocophillips.com>]
Sent: Wednesday, June 05, 2013 6:46 AM
To: Leking, Geoffrey R, EMNRD; Bad Bear, Trishia
Subject: FW: MCA #357

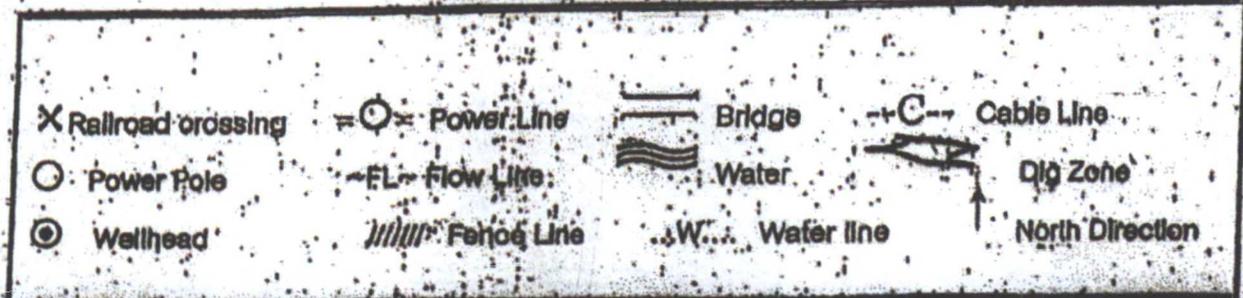
Here's the C-141 for the leak I ask about yesterday.

From: Wright, Justin (PAC)
Sent: Tuesday, June 04, 2013 7:52 AM
To: 'Leking, Geoffrey R, EMNRD'; 'Bad Bear, Trishia'
Subject: FW: MCA #357

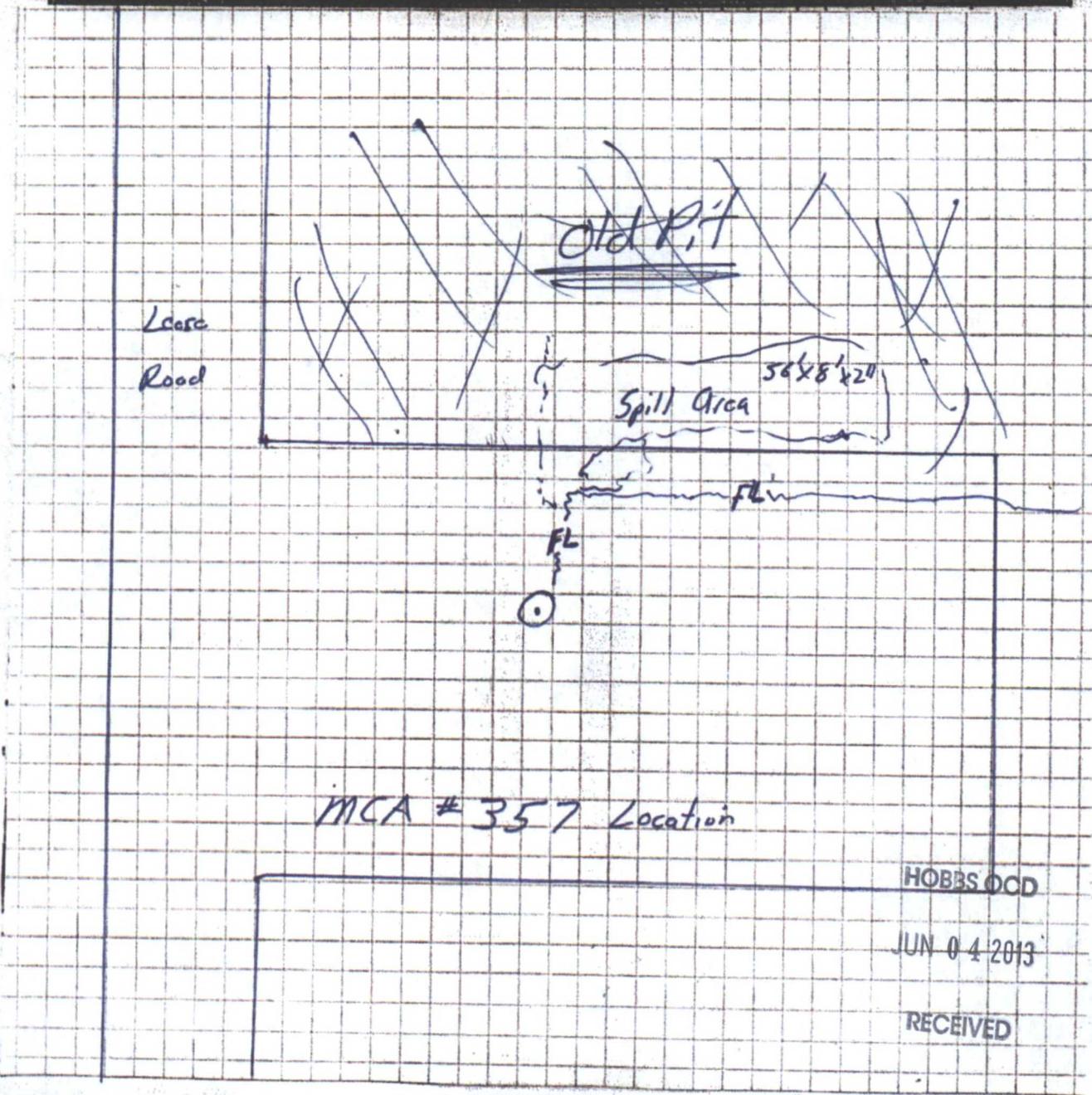
Could we get approval to proceed with work?

From: Candacemcnabb@aol.com [<mailto:Candacemcnabb@aol.com>]
Sent: Tuesday, May 28, 2013 5:30 PM
To: Wright, Justin (PAC)
Subject: [EXTERNAL]MCA #357

EXCAVATION PLAN



Search Zone Perimeter: White
 Dig Zone: Blue
 North Direction: Arrow



McNabb Services

P O Box 5753
Hobbs, New Mexico 88241
575.318.9726 (O) 575.391.8484 (F)

HOBBS OCD

JUN 04 2013

RECEIVED

May 28, 2013

McNabb Services
P O Box 5753
Hobbs, NM 88241

Re: Remediation Project
MCA #357
S28 T17S R32E

The following proposal is to bring the above referenced area up to NMOCD-BLM guidelines.

The well head had a product release of 8.3bbls of oil; which 3.0bbls were recovered.
The oil was contained primarily in the old drill pit and caliche pad at the MCA #357 location.

It appears to have run across the surface and stayed within a depth of 2" - 4" of the surface.
The total surface area is 56' x 80'.

The recommended remediation would not disturb the old drill pit.
Approximately 4" - 6" in depth of the stained/contaminated area will be removed.
This would be replaced with 60 - 100yds of new, clean sand in the pit area. New caliche would then be added over the pad location.

Pit area will then be seeded with BLM #2 seed mixture.

If there are any questions or comments, please feel free to call.

Sincerely,
MCNABB SERVICES
Woody McNabb

HOBBS OCD

From: [Whitlock, Jerald](#)
To: [Lara Weinheimer](#)
Cc: [Justin Wright](#); [Hack Conder](#)
Subject: Re: ConocoPhillips MCA Well #357 Corrective Action Plan
Date: Monday, December 09, 2013 3:40:00 PM

DEC 11 2013

RECEIVED

This plan is approved as per our meeting on location and phone conversation with Justin Wright. Justin will work with contractors to get soil material from locations in the area.
Thanks Duncan

On Mon, Dec 9, 2013 at 1:45 PM, Lara Weinheimer <lweinheimer@rice-ecs.com> wrote:

Duncan, per your meeting with RECS and CoP representatives on Monday, December 09, 2013, attached is the updated Corrective Action Plan for your approval. If you have any questions, please let us know.

Thanks!

Lara Weinheimer

Rice Environmental Consulting & Safety

Project Scientist

419 West Cain

Hobbs, NM 88240

(575) 441-0431

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Jerald "Duncan" Whitlock, Jr.
Bureau of Land Management

Carlsbad Field Office
Environmental Protection Specialist
620 East Greene Street
Carlsbad, NM, 88220
Office: (575) 234-5926
Fax: (575) 234-5927
Cell: (575) 361-2630
E-mail: dwhitloc@blm.gov

DEC 16 2013

Leking, Geoffrey R, EMNRD

From: Lara Weinheimer <lweinheimer@rice-ecs.com>
Sent: Monday, December 16, 2013 1:44 PM
To: Duncan Whitlock; Leking, Geoffrey R, EMNRD
Cc: 'Hack Conder'; 'Justin Wright'; 'Kyle Norman'
Subject: ConocoPhillips MCA Well #357 (1RP-06-13-2927) Corrective Action Plan and Addendum

RECEIVED

Duncan and Geoff, after meeting with NMOCD on Wednesday, December 11th, 2013, NMOCD requested an Addendum to the Corrective Action Plan for the ConocoPhillips MCA Well #357 (1RP-06-13-2927).

The following paragraph is blue lettering will replace the Corrective Action Plan (Page 1 and 2), text in red lettering marked with a strike-through.

Corrective Action Plan

The release will be excavated to a depth of 4 ft bgs. The excavated soil will be taken to a NMOCD approved facility for disposal. At 4 ft bgs, the side walls and bottom of the excavation will be sampled. The samples will be taken to a commercial laboratory to make sure that all soil constituents are below regulatory standards. Once the excavation is completed, the extent of the vertical contamination will be determined by installing a vertical at the base of the excavation. Representative samples will be taken to a commercial laboratory to confirm chloride values below 250 mg/kg at the base of the vertical.

If the laboratory sampling of the bottom of the excavation shows chloride levels above 500 mg/kg, a 20 mil reinforced poly liner will be installed and properly seated at the base of the excavation. The liner will be padded with clean, imported soil to prevent punctures.

Per a meeting with BLM at the site on December 9th, 2013, BLM would like an abandoned lease road north of the facility to be sampled to determine chloride and hydrocarbon levels. If the levels are within regulatory standards, the road will be removed and packed into the base of the excavation as an additional infiltration barrier. The site will then be backfilled with clean, imported soil, and contoured to the surrounding location. Soil amendments will be added as necessary and the site will be seeded with a blend of native vegetation.

~~Corrective Action Plan~~

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~~hydrocarbon levels. If the levels are within regulatory standards, the road will be removed and packed into the base of the excavation as an infiltration barrier. The site will then be backfilled with clean, imported soil, and contoured to the surrounding location. Soil amendments will be added as necessary and the site will be seeded with a blend of native vegetation.~~

Lara Weinheimer
Rice Environmental Consulting & Safety
Project Scientist
419 West Cain
Hobbs, NM 88240
(575) 441-0431