HOBBS OCD

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

State of New Mexico Energy Minerals and Natural Resources

> Oil Conservation Division 1220 South St. Francis Dr.

APR 1 0 2014 Form C-141 Revised August 8, 2011

Submit 1 Copy to appropriate District Office in RECEIVED th 19.15.29 NMAC.

220 S. St. Fra	ncis Dr., Sant	a Fe, NM 8750	5	S	anta Fe	e, NM 875	05		
		Official Science Science (Constitution of the Constitution of the	Rel	ease Notifi	cation	and Co	rrective A	ction	ika dipuncha katapi kata katapi Katadéstan kalikin katapi kili SM pirjung protokip dinak warési sebahan
						OPERA'	FOR	☐ Initi	al Report Final Report
Name of C		ConocoPh				Contact			
			6, Midlan	d, TX 79705		Telephone N			116
acility Na	me MCA	Well #357				Facility Typ	e Oil and Gas		
Surface Ov	vner Fede	ral		Mineral (Owner	Federal		API No	. 300252584900
					-		T T L CIÓ		
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Init Letter	Section	Township	Range	Feet from the	North	South Line	Feet from the	East/West Line	County
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			ĭ	atitude 32 47'	0.84" N	Longitude	103 46' 41.34"	W	
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	ease Crude			2 11			Release 8.3 bbls		Recovered 3 bbls
ource of Re	clease Hole	in a 2 inch ste	eel surface	flow line		10/11/12	lour of Occurrence 0600	Date and 10/11/12	Hour of Discovery
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			Yes [No Not R	equired	verlin."			
y Whom?	Roman Sal	azar				Date and H	lour 10/11/12 1	210	
	rcourse Rea	ched?				If YES, Vo	olume Impacting t	the Watercourse.	
			Yes 🗵	No					
a Waterco	urse was In	pacted, Descr	ibe Fully.	ķ	-		Live a		
		em and Reme				. A , 45			
		and Cleanup			ue to a su	spected interna	Vexternal corrosion	1.	
elease were sommercial la on December chiloride and hanfiltration banersonnel were he horizontal collected at 4. aboratory, and andarday, a lingular than 10 excavation was taken beation. The heir roots the hereby cert egulations a public health hould their or the enviro ederal, state	ampled at the aboratory for 16th, 2013. Part of 16th, 2013. Part of 16th, 2013. Part of 16th, 2013. Part of 2013.	e surface and at analysis. A Corer a meeting wi evels. If the leve approved the CA egin the CAP we on in the top four The caliche roa returned chloric in was not warrataken to a NMO with 2 ft of compared with BLM in the amount of information git are required to an erequired to an erequ	depth. The rective Act the BLM at	samples were field on Plan (CAP) was he site on December in regulatory standards with the site to a valor of the site of the	tested for a submittee of 9th, 2011 and 5th error of the removed. Dackfill and I GRO and that do so and The order of the release in ord by the remediate of the release in ord by the remediate of the remediate o	chlorides and d to BLM and d to BLM and d to BLM and d and would be re approved the Co of the base of the d a sample was d DRO values or use as backfil and of 877 yards remaining exeat to finon-detect on will also prote groundwate the best of my otifications are NMOCD me e contaminati	organic vapors usin NMOCD on Decem like an abandoned moved and packed moved not pecked moved and packed moved and packed moved and packed moved and packed moved in the excavation, a vest collected from the of non-detect. Becal and soils that had so fool was taken to avation was then bath moved in the pecked moved mov	ig a PID meter. Repriber 9th, 2013, subsequence fease road north of the into the base of the eth, 2013. Beginning completed, final wall critical at Point 1 was a scraped soil. The sause excavation chloride values higher on a NMOCD approve chilled with importe infilled to ground surfat barrier for the site, significant that pure tive actions for releport" does not releat to ground water responsibility for combined to the site, significant that pure the site of the site, significant that pure the site of the site, significant that pure the site of the si	te. Two points throughout the esentative samples were taken to a uently followed by an Addendum e facility to be sampled to determine excavation as an additional on December 20th, 2013, RECS samples were taken to confirm that installed, with soil samples being imples were taken to a commercial de and TPH values were belower than 500 mg/kg and a field PID and facility for disposal. The disoil. A sample of the imported cand contoured to the surrounding ince plants capture water through suant to NMOCD rules and eases which may endanger ieve the operator of liability r, surface water, human health compliance with any other
	Sean !							AND ROW	Tal Specialist
		TOBI				Approved by	Environmental S	pecialinyironm	ental Specialist
0	DERATE	Tier 5					. 1 . 1 . 1 . 1 .		
ille: U	-	(1) c	Jupte	asor		Approval Dat	10114	Expiration	Date:
-mail Addr	ess: San : 19-14	T. Rabinso	e Cop	575-890-88		Approval Dat		Expiration	Date: Attached 188-06-13-2927

HOBBS OCD

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV

State of New Mexico Energy Minerals and Natural Resources

OCT 1 7 2012

Form C-141 Revised October 10, 2003

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

RECEIVED

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

1220 S. St. Frai	icis Dr., Sant	a re, NM 8/50	3	S	anta)	Fe, NM 875	505					side of form
			Rel	ease Notifi	catio	on and Co	orrective A	ction				
					Ol	PERATOR		(⊠ Initia	al Report		Final Repor
Name of C	ompany C	onocoPhilli	ps Comp	any		Contact Jo	hn W. Gates	<i>E</i>				
Address 3	300 North	A St. Bldg	6, Midla	nd, TX 79705-	5406	Telephone 1	No. 505.391.31	158				
Facility Na	me MCA	Well #357				Facility Typ	e Oil and Gas	S				
Surface Ov	vner Fede	ral		Mineral (Owner	Federal			Lease N	No 30025	25849	900
				LOC	ATIC	ON OF RE	LEASE					
Unit Letter	Section	Township	Range	Feet from the		th/South Line	Feet from the	East/W	est Line	County		
8 M	28	T 17	32							Lea	.40	
			Latit	ude 32 47'.84	"N	Longitu	de 103 46' 41.	34" W		=WTC	145	2,
				NAT		E OF REL						
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		el surface fl	ow line			/11/12 0600	Occurrence		10/11/12	Hour of Di 1100	scover	У
Was Immedi	ate Notice (Required	1	ES, To Whom						
By Whom?						te and Hour 1						
Was a Water							mpacting the Water	ercourse.				
			Yes 🗵	No								
If a Waterco	urse was Im	pacted, Descr	ibe Fully.	*								
			•									
D 11 C	20 11	1.0										
Agency F	use of Proble	em and Reme Release fro	om two h	n Taken.* oles in a 2" ste	el sur	face flow line	due to suspect	ed inter	nal/exte	rnal corre	osion.	
Describe Are	a Affected	and Cleanup	Action Tal	ren *								
The affecte	d area is a	a 56' X 80'	X 2" area	of pasture lan	d. A	vacuum truc	k was called and	d ~3 bbl	ls of oil v	vas recove	ered.	
									,			
I hereby cert	ify that the i	information g	iven above	is true and comp	olete to	the best of my	knowledge and und and perform correct	nderstand	d that purs	uant to NM	IOCD	rules and
public health	or the envi	ronment. The	acceptant	ce of a C-141 repo	ort by t	the NMOCD m	arked as "Final Re	eport" do	es not reli	eve the one	rator c	of liability
							on that pose a thre					
or the enviro	nment. In a	ddition, NMC	CD accep				e the operator of r					
federal, state	, or local lav	ws and/or regi	ulations.	/	-		OH GOM	7777777	mrozr	DIVITOR		
	111		/ 1	1			OIL CONS	SELVE	TION	DIVISIO)M	1 1 2 1
Signature:	(IM)	in W.	_ //.	X.			900	JYK!	الملا	i Ju	W	Va
e partie de la lace	1000	1171	1/4	110		Approved by	District Superviso	OH-D V2E	Domise.	al Guari	aliet	O
Printed Nam	. John W.	Gates					2.00.00	Envir	onmen	ar Sheer	amst	
Title: HSE	R Lead					Approval Dat	e: 10/17/12	2 E	xpiration I	Date: 12/	17/	12
E-mail Addr	ess: John.W	/.Gates@con	ocophillin	os.com			Approval: DEU			124.73		
Var 7 - 5	al Toronto									Attached		- 2022
Date: 10/1				05.391.3158			TE PEROC!			ICP-	6-1	3-1721
• Attac	h Addition	al Sheets If	Necessar	У		SUBMIT	FINAL C.	-141	BY			
						12/17/1	2					

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1301 W. Grand Avenue, 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 October 10, 2003

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

					OPERATOR			Initi	al Report Final Repor
Name of C	ompany C	onocoPhilli	ps Comp	any	Contact Je	hn W. Gates			
			6, Midla	nd, TX 79705-540		No. 505,391,3			
Facility Na	me MCA	Well #357			Facility Ty	oe Oil and Ga	S		
Surface Ov	vner Fede	ral		Mineral Ow	ner Federal		Le	ase l	No 300252584900
				LOCAT	TON OF RE	LEASE			
Unit Letter S	Section 28	Township T 17	Range 32	Feet from the	Forth/South Line	Feet from the	East/West 1	ine	County Lea
			Latit	ude 32 47'.84" NATU	Longitu	ide 103 46' 41.	34" W	4	
Type of Reid Crude Oil	ease				Volume of Releas 8.3bbl (8.3oil, 0		1	ume l	Recovered ater)
Source of Ro Holes in a		el surface fl	ow line		Date and Hour of 10/11/12 0600	Occurrence			Hour of Discovery 1100
Was Immed		Given? Yes No	☐ Not		If YES, To Whon BLM & NMOCI				
By Whom?	Roman Sa	alazar	-	OF SAME	Date and Hour 1	0/11/12 1210			
Was a Water	course Read		Yes 🗵		If YES, Volume I	mpacting the Wat	ercourse.		
If a Waterco	urse was Im	pacted, Descr	ribe Fully.						
		em and Reme Release fro		n Taken.* oles in a 2" steel s	surface flow lin	e due to suspec	ted internal	/exte	ernal corrosion.
		and Cleanup a 56' X 80' X		cen.* of pasture land.	A vacuum truc	k was called an	d ~3 bbls o	oil :	was recovered.
regulations a public health should their	all operators or the envi operations le onment. In a	are required to ronment. The nave failed to	to report aid acceptant adequately DCD acceptant	nd/or file certain rele te of a C-141 report investigate and rem	ase notifications a by the NMOCD n ediate contaminat	nd perform corre- parked as "Final Rich ion that pose a the	ctive actions f deport" does n reat to ground	or rel ot rel wate	suant to NMOCD rules and eases which may endanger ieve the operator of liability r, surface water, human health compliance with any other
federal, state	2 or relative ter	/	12 4	1 ,	e Promision	OIL CON	SERVAT	ON	DIVISION
federal, state	John	in W.	- Na	X	Approved by	District Supervis	or:		
Signature:	John W.	in W.	- Sa				1	ation.	Date
federal, state	John W.	u W.	- Sa		Approved by		1	ation	Date:



HOBBS OCD

APR 1 0 2014)

RECEIVED

CONOCOPHILLIPS

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 (1RP-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

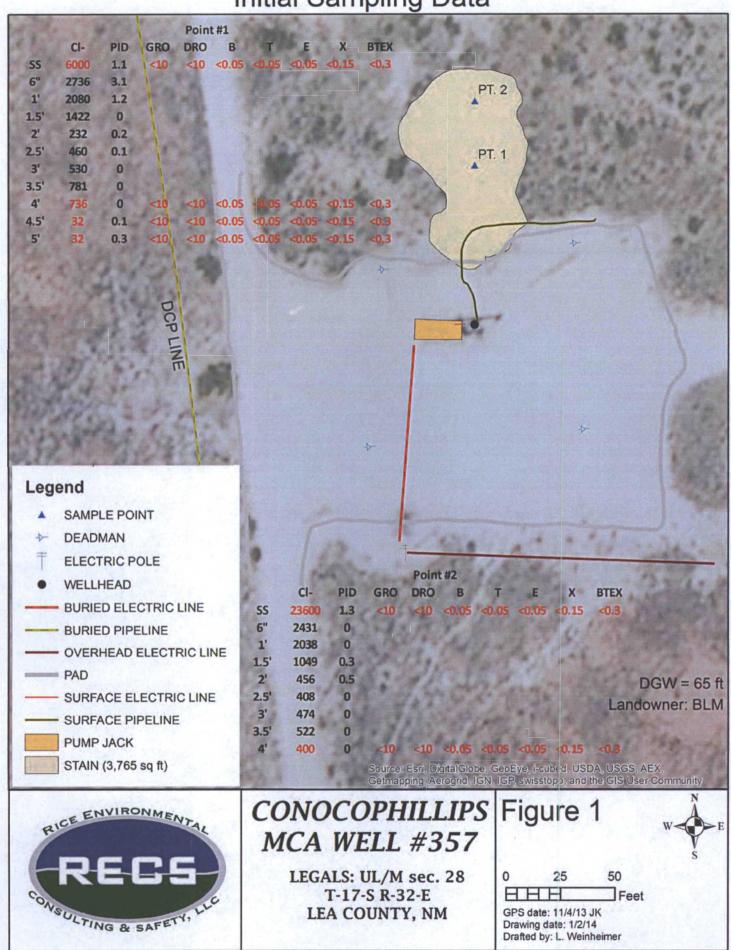
Road Sampling Labs

Appendix C - Imported Soil Lab

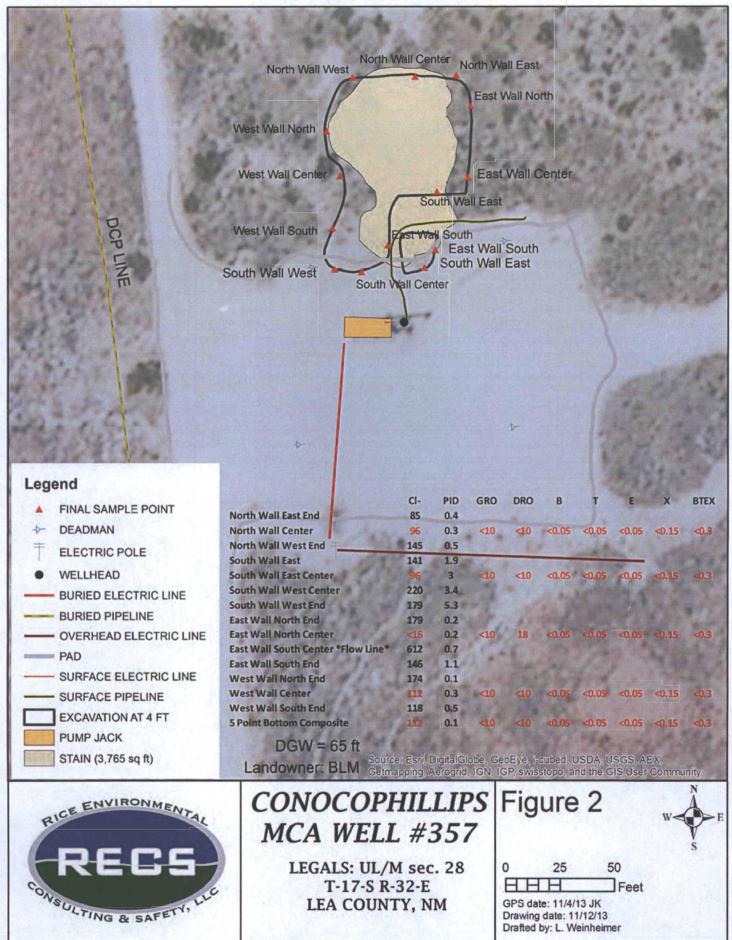
Appendix D – Photo Documentation

Appendix E - Final C-141

Initial Sampling Data



Excavation Data



LEA COUNTY, NM

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



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 accreditated through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2

Haloacetic Acids (HAA-5)

Method EPA 524.2

Total Trihalomethanes (TTHM)

Method EPA 524.4

Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

Celeg D. Keine

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



Analytical Results For:

RICE ENVIRONMENTAL CONSULTING & SAFETY JACOB KAMPLAIN 419 W. CAIN HOBBS NM, 88240

Fax To: (575) 397-1471

Received:

12/30/2013

Sampling Date:

12/27/2013

Reported:

12/31/2013

Sampling Type:

Soil

Project Name: Project Number: WELL #357 NONE GIVEN Sampling Condition:

Cool & Intact

Project Location:

NOT GIVEN

98.3 %

63.6-154

Sample Received By:

Jodi Henson

Sample ID: NORTH WALL CENTER (H303151-01)

BTEX 8021B	mg/	kg	Analyze	d By: MS			<u> </u>		V
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	103	% 89.4-12	6	A STATE OF					1117
Chloride, SM4500CI-B	mg/	/kg	Analyze	d By: AP					100
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	Analyze	d By: ms					11.18
TPH 8015M Analyte	mg/ Result	Reporting Limit	Analyzed Analyzed	d By: ms Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Analyte GRO C6-C10	- 14	1 1 1 1 1 1 1			BS 175	% Recovery 87.7	True Value QC	RPD 7.64	Qualifier

Cardinal Laboratories

Surrogate: 1-Chlorooctadecane

*=Accredited Analyte

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Celey D. Keine

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 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	Analyze	d 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	103 %	% 89.4-12	6		Y				
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: AP	W.				4 1
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	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	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 9	65.2-14	0						7 7 2
Surrogate: 1-Chlorooctadecane	105 9	63.6-15	4						

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keine

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:

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)

NOT GIVEN

BTEX 8021B	mg/	/kg	Analyze	d By: MS			1	23	1 1
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	103	% 89.4-12	6			A. Charles			
Chloride, SM4500CI-B	mg/	kg	Analyze	ed 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	Analyze	ed By: ms				1.75	
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	% 65.2-14	0	12 - 21 Pm.					
Surrogate: 1-Chlorooctadecane	96.4	% 63.6-15	4						

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Celey D. Keine

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 12/31/2013 Reported: Project Name: WELL #357 Project Number:

NONE GIVEN **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)

Project Location:

BTEX 8021B	mg/	kg	Analyze	d By: MS		100			
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	103 %	6 89.4-12	6		Silv				
Chloride, SM4500CI-B	mg/	kg	Analyze	d 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	Analyze	d By: ms				1,1113	1081
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	99.09	65.2-14	0			7			
Surrogate: 1-Chlorooctadecane	98.0 9	63.6-15	4						

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Celey D. Keine

Celey D. Keene, Lab Director/Quality Manager

Page 5 of 10



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 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	Analyze	d By: MS				41 5 5	
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 9	89.4-12	6			17	K 1 - 1 - 1		
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: AP			AND THE		
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	Analyze	d By: ms	Server.	lu ,	1 to 100	4.2.49	and the
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	% 65.2-14	0		p == 0			1	1
Surrogate: 1-Chlorooctadecane	86.6	% 63.6-15	4						

Sample ID: CALICHE ROAD (H303151-06)

Chloride, SM4500CI-B	mg	/kg	Analyze	d By: AP		A CONTRACT	Sant II	4 A 14	
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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Celeg D. Keine

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: Reported: 12/30/2013 12/31/2013 WELL #357

Sampling Date: Sampling Type: 12/30/2013 Soil

Project Name: Project Number: Project Location: WELL #357 NONE GIVEN NOT GIVEN

Sampling Condition: Sample Received By: Cool & Intact 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, SM4500CI-B	girting.	mg	/kg	Analyzed By: AP						1. T.
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		1	+ 14. 4		-4	
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	
				W 2 15 P	7 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1					

Surrogate: 1-Chlorooctane

96.8 %

65.2-140

Surrogate: 1-Chlorooctadecane

98.8 %

63.6-154

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Celey D. Keine

Celey D. Keene, Lab Director/Quality Manager

Page 7 of 10



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	Analyze	d By: MS	LIVE S		The desired	d had	
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 9	% 89.4-12	6			-1		- 1	433
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: AP				4 400	- P
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	Analyze	d By: ms	M. Page	3 14 14 1			
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	% 65.2-14	0	PELCENT.			V		
Surrogate: 1-Chlorooctadecane	67.0	% 63.6-15	4						

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Celey D. Keine

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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Celey D. Keene, Lab Director/Quality Manager

Celey D. Keine

Page 9 of 10

Page 10 of 10

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

RDINAL LABORATORIES

Company Name: RECS	e: RECS					·			1.5				3	3 19	A	ANALYSIS		REQUEST	EST				_
Project Manage	Project Manager: Jacob Kamplain						P.O. #:	44			1		_	-		-		-	-	L			Г
Address:	<i>y</i>					-	Company	any:								S		- 7					
city: Hobbs	State: NM		Zip: 88240	40		1	Attn:						1			uo							
Phone #:	Fax #:					1	Address	:88:								iu\		_				-	
Project #:	Project Owner:	er:					City:					_	IAI	-		1/9							
Project Name:	Project Name: Conoco Phillips		100	:		07	State:		Zip:			19		: 1	ld.			-	-	1	-1		
Project Location	Project Location: Well #35寸					-	Phone #:	:# 0			1-			(3.			SC	-					
Sampler Name: Chris	Chris Flores		3		in in	-	Fax #:				-1-		-	_			11	_					
FOR LAB USE ONLY			H		MATRIX		PR	PRESERV		SAMPLING			-			ə				_	Š,		
Lab I.D. H303/51	Sample I.D.	(G)RAB OR (C)OMP.	# СОИТАІИЕРЯ	MASTEWATER MASTEWATER	OIF	SLUDGE	OTHER:	ICE / COOF	отнея: ОАТ	E TIME			11		-	Complet						1	
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6	West Wall Center	S	_	15	*			¥	12-27	2-27-13 1:45 pm		X	X					:					
2	5 Point Bottom Composite	U	-		×	N.		*	1,2-30-1	2-30-13 11:00 AM	-	X	×					_					
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† Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476

Released to Imaging: 4/26/2023 8:33:56 AM



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 accreditated through the State of Colorado Department of Public Health and Environment for:

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

Accreditation applies to public drinking water matrices.

Celeg D. Keene

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager

Page 1 of 4



Analytical Results For:

RICE ENVIRONMENTAL CONSULTING & SAFETY JACOB KAMPLAIN 419 W. CAIN HOBBS NM, 88240

(575) 397-1471 Fax To:

Received: Reported:

01/14/2014 Project Name: MCA #357 Project Number: NONE GIVEN Project Location: **NOT GIVEN**

01/08/2014

Sampling Date: Sampling Type:

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

01/07/2014

Sample ID: IMPORTED SOIL (H400070-01)

Chloride, SM4500CI-B	mg	/kg	Analyze	d By: AP	<u> </u>			11	
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	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	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	
Surrogate: 1-Chlorooctane	101	% 65.2-14	0		1				
Surrogate: 1-Chlorooctadecane	112	% 63.6-15	4						

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Celey D. Keene, Lab Director/Quality Manager

Celey D. Keine

Page 2 of 4



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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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

Page 3 of 4

Page 4 of 4

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

ARDINAL LABORATORIES
101 East Mariand, 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	: RECS									:31	1.31.4						NAL	ANALYSIS		REQUEST				_
roject Manager: Jacob	F. Jacob Kamplain							P.O. #:	#		1										H		H	Г
Address:								Company:	pany								S							_
sity: Hobbs	State: NM		88	Zip: 88240				Attn:									uo					_	_	
hone #:	Fax #:							Address:	ess:								iu						-	
roject #:	Project Owner:	er:			-		-	City:					5			H	4/8				-			
roject Name:	Project Name: (Coneco Philling	2						State:			Zip:		sək	91	X	ld.	suc	. •						-
roject Location	Project Location: MCA Well #357							Phone #:	#:			,	oin	-	(Β.	LS	ije	SC			-			
sampler Name:	Sampler Name: (Nois Flores				- 1			Fax #:	4.				olr	_	TE	(9)	SO	IT				-	_	_
FOR LAB USE ONLY		F			Ž	MATRIX		Q.	PRESERV.	RV.	SAMPLING	ING	CI	_	1	(9	ə							_
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	оволирметея оверхитетей	MASTEWATER	OIF	SLUDGE	OTHER:	ICE / COOF	: ЯЭНТО	DATE	TIME			, A	L	Complet							
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LEASE NOTE: Liability a	LEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising wheth	or any claim	n arisin	g whet	her bas	od in oo	ntract o	r tort, sh	all be fi	mited to	the amount pak	er based in contract or tort, shall be limited to the amount paid by the client for the	the			1	1	1	١	1	1	-	l	1

Relinquished By:	Date: // III Rece	Received By:		Phone Result:	☐ Yes ☑ No		Add'l Phone #:	
1 1/6	4/19/1			Fax Result:	☐ Yes ☑ No		Add'I Fax #:	
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Sampler - UPS - Bus - Other:		No la Ves	K	Knormano Ollaroso	170	0000		

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

Released to Imaging: 4/26/2023 8:33:56 AM

ConocoPhillips MCA Well #357

Unit Letter M, Section 28, T17S, R32E



Exporting soil, facing northwest

12/20/2013

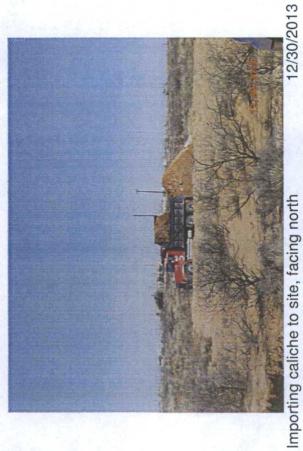
Site prior, facing southwest



Collecting sample, facing south

Excavating site, facing southeast

Released to Imaging: 4/26/2023 8:33:56 AM



12/30/2013

Scraping caliche road, facing northeast



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

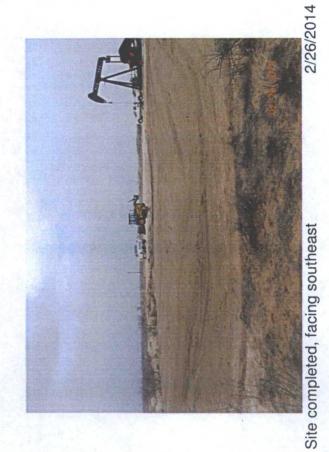








Released to Imaging: 4/26/2023 8:33:56 AM





Released to Imaging: 4/26/2023 8:33:56 AM

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

State of New Mexico Energy Minerals and Natural Resources

Form C-141 Revised August 8, 2011

Oil Conservation Division

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

District IV 1220 S. St. Fran	cis Dr., Sant	a Fe, NM 8750	5			th St. Franc Fe, NM 875						
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						OPERA'	TOR		☐ Initia	al Report		Final Repo
Name of Co	ompany	ConocoPl	nillips Co	mpany		Contact					2	T man zeope
				d, TX 79705	110,0	Telephone l	No.					
Facility Na							e Oil and Gas		18 19	Para Little Control		
Surface Ow	ner Fede	ral		Mineral (Owner	Federal			APT No	. 3002525	84900	
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Unit Letter	Section	Township	Range	Feet from the	Nort	h/South Line	Feet from the	East/\	West Line	County		
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Type of Rele Source of Re		Oil in a 2 inch ste	eel surface		ruri	Date and I	Release 8.3 bbls Hour of Occurrence		Date and	Recovered 3 Hour of Dis	covery	
Was Immedi	ate Notice (Yes [No Not R	equire		0600 Whom? BLM &	k NMO	10/11/12 CD	1100		
By Whom?	Roman Sala	zar				Date and I	Hour 10/11/12 1	210				
Was a Water		ched?	Yes 🗵] No		If YES, Vo	olume Impacting	the Wate	ercourse.			
If a Watercou	rse was Im	pacted, Descr	ibe Fully.	ŧ	77		All de la lai					
on December I chloride and hy infiltration ban personnel were the horizontal collected at 4.5 laboratory, and standards, a lin higher than 100 excavation was soil was taken location. The their roots ther I hereby certi regulations all public health should their control of the	6th, 2013. Perdrocarbon letter. BLM a consiste to be contamination of and 5 ft. all samples er installation of ppm were to backfilled who a commerce to a commerce or the environment of	er a meeting wievels. If the leve pproved the CAP we gin the CAP we not	th BLM at a els are with AF on Deceiver of the cork by exca refer to the distribution of the cork by excapillation of the cork by ex	the site on December regulatory standar mber 9th, 2013 and it vating the site to a read over the site to site	er 9th, 20 ards, the NMOCI depth of enoved backfill i GRO a haluated ssal. At coad. The orderes vegeta dose zor blete to release ort by tremedia	D13, BLM would be a road would be a D approved the C of 4 ft bgs. Once At the base of and a sample was and DRO values for use as backfillotal of 877 yardie remaining excult of non-detectation will also proper to groundwate the best of my notifications a he NMOCD in the contamination of the Contaminatio	NMOCD on Decen like an abandoned emoved and packed CAP on December I the excavation, a ve s collected from the of non-detect. Beca Il and soils that had s of soil was taken t avation was then ba . The site was back ovide an infiltration r. knowledge and u and perform correct arked as "Final R on that pose a thr te the operator of	lease roa into the Ith, 2013 complete strical at It excraped use excarchloride o a NMC ckfilled to barrier for anderstanctive act to go reat to go reat to go reat to go reat to go at the Ithe Samuel	d north of the base of the et. Beginning ad, final wall point I was i soil. The sar vation chlorivalues highe DCD approve with imported ground surfator the site, si and that pursions for relates not religious mot religious distributions for relates and water religious distributions for relates and water religious mot religious motor	e facility to be accavation as on December samples were naturally as the samples were taken and TPH ver than 500 mg defacility for decility for decility for decility for mee plants capasses which deve the oper, surface we	e sample an additir 20 th , 20 th , 20 th e taken to soil san ken to a values wag/kg and disposal pple of the pred to the pture was a compared to the pture was a compare	ed to determinional 113, RECS o confirm that mples being commercial ere below I a field PID The in imported he surrounding iter through ules and indanger I liability man health
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E-mail Addre	ss: San: 9-14	T. Robinson	Phone:		73	Conditions of				Attached	6-1	3-292

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.leking@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

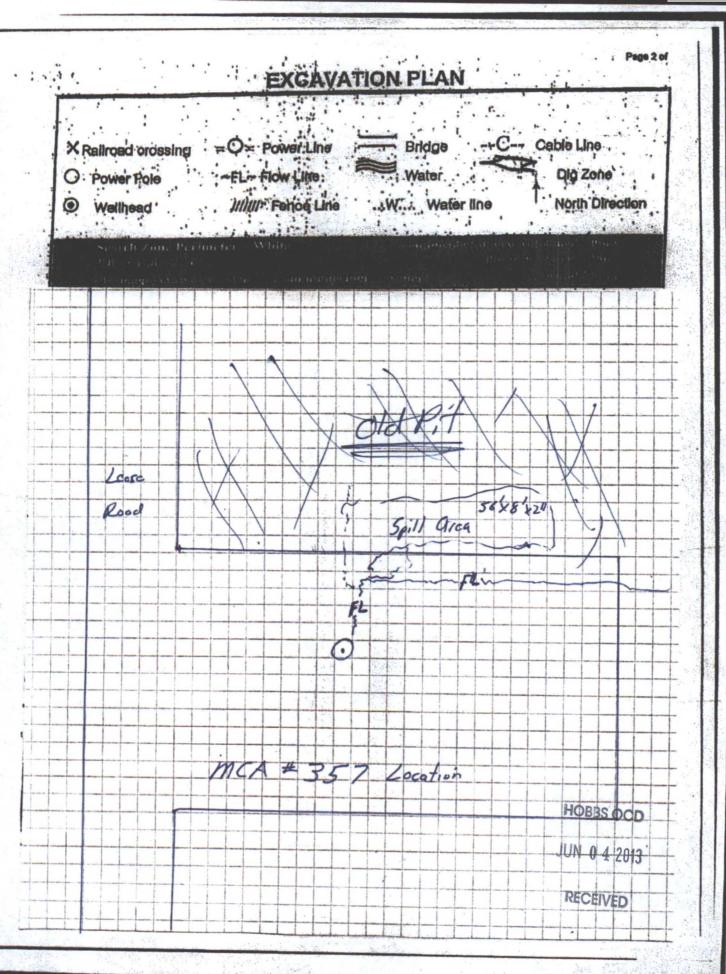
Could we get approval to proceed with work?

From: Candacemcnabb@aol.com [mailto:Candacemcnabb@aol.com]

Sent: Tuesday, May 28, 2013 5:30 PM

To: Wright, Justin (PAC)

Subject: [EXTERNAL]MCA #357



McNabb Services

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

HOBBS OCD

JUN 0 4 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: To:

Whitlock, Jerald

Lara Weinheimer

Cc: Subject: Justin Wright; Hack Conder

Re: ConocoPhillips MCA Well #357 Corrective Action Plan

Date:

Monday, December 09, 2013 3:40:00 PM

RECEIVED

DEC 1 1 2013

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

Leking, Geoffrey R, EMNRD

DEC 1 6 2013

RECEIVED

From: Lara Weinheimer <|weinheimer@rice-ecs.com>

Sent: Monday, December 16, 2013 1:44 PM

To: Duncan Whitlock; Leking, Geoffrey R, EMNRD 'Hack Conder'; 'Justin Wright'; 'Kyle Norman'

Subject: ConocoPhillips MCA Well #357 (1RP-06-13-2927) Corrective Action Plan and

Addendum

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

District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720 District II

811 S. First St., Artesia, NM 88210 Phone:(575) 748-1283 Fax:(575) 748-9720 District III

1000 Rio Brazos Rd., Aztec, NM 87410 Phone:(505) 334-6178 Fax:(505) 334-6170

1220 S. St Francis Dr., Santa Fe, NM 87505 Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr. **Santa Fe, NM 87505**

CONDITIONS

Action 209959

CONDITIONS

Operator:	OGRID:
CONOCOPHILLIPS COMPANY	217817
600 W. Illinois Avenue	Action Number:
Midland, TX 79701	209959
	Action Type:
	[IM-SD] Incident File Support Doc (ENV) (IM-BNF)

CONDITIONS

Created By		Condition Date
amaxwel	Historical document upload. Closure approved 4/10/2014.	4/26/2023