HOBBS OCD

District 1 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 8750

State of New Mexico Energy Minerals and Natural Resources

Oil Conservation Division

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.

<u>DOU RIO Brazos Road, Azlee, NM 87410</u> <u>Sistrict IV</u> 220 S. St. Francis Dr., Santa Fe, NM 87505 Relea			1220 Sa	South inta Fe	n St. Franc e, NM 875	is Dr. 05	RECEIVED IN 19.15.29 MMAC				5.29 NWAC.	
nn Crista Catalogue Sociation		Charles, for her years and demonstrate a	Rele	ease Notific	cation	and Co	orrective A	ction		hanna beanna fa faile às a bhas a bhan		an a
						OPERA'	FOR] Initia	al Report	\boxtimes	Final Repor
Name of Co	ompany	ConocoPh	illips Co	mpany		Contact	_					
Address 3	300 North	A St. Bldg 6	, Midland	d, TX 79705		Telephone I	No.					
Pacinty Ivan						D I I I	of Off and Oas		L DY LY	00005050		
Surface Ow	ner Fede	ral		Mineral ()wner	Federal		1	API No	. 30025258	4900	Z
				LOCA	TIOI	NOF REI	LEASE					
Unit Letter	Section	Township	Range	Feet from the	North	South Line	Feet from the	East/Wes	t Line	County		
S	28	17S	32E						1	Eddy		
			L	atitude 32 47'	0.84" N	Longitude	103 46' 41.34"	W				
				NAT	UDF	OFDEL	C A C D					
Type of Rele	ase Crude	Oil		INAI	UKE	Volume of	Release 8.3 bbls	V	olume I	Recovered 3	bbls	
Source of Re	Source of Release Hole in a 2 inch steel surface flow line					Date and H	lour of Occurrenc	e D	ate and	Hour of Dis	covery	
Was Immedia	ate Notice (Given?				10/11/12 If YES, To	0600 Whom? BLM &	NMOCD	0/11/12	1100		
			Yes [No 🗌 Not R	equired		in a second second					
By Whom? I	Roman Sala	nzar				Date and F	Iour 10/11/12 1	210				
Was a Water	course Read	ched?	Yes 🛛	No		If YES, Volume Impacting the Watercourse.						
If a Watercou	Irea was Im	inactar! Desor	ibe Fully 3									
Agency reports Describe Are The released or release were sa commercial lal on December 1 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 al public health should their o or the environ federal, state,	able release f a Affected overed a tota impled at the ooratory for a 6 th , 2013. P ydrocarbon I rier. BLM a constitute to be contamination if and 5 ft. all samples er installation D ppm were to b backfilled v to a commer site was seed eby reducing fy that the II operators or the envi operations I mment. In a or local la	from two holes i and Cleanup A l of 3,765 sq ft of e surface and at a analysis. A Cor er a meeting wil evels. If the leve gip roved the CAP egin the CAP we m in the top four. The caliche roa returned chlorid in was not warra taken to a NMO with 2 ft of comp cial laboratory fi ded with BLM r g the amount of information gi are required t ronment. The nave failed to a inddition, NMO ws and/or regu	in a 2" steel Action Tak of pasture la depth. The rective Acti th BLM at t els are within AP on Decer ork by exca r feet of the d was scrap de values be mited, Excan CD approva CD approva CD approva cor analysis mix #2 on F water travel liven above o report an acceptance adequately DCD accep alations.	surface flow line d ten.* and. RECS personn samples were field on Plan (CAP) was he site on Decembe n regulatory standa nber 9 th , 2013 and I vating the site to a d vator gthe site t	el were o tested for submitte r 9 th , 201 rds, the ro NMOCD 4 depth of 4 depth of 4 depth of 4 moved. ackfill ar GRO ar- huated fo sal. A tot ad. The ride resul Vegetati- lose zone- lete to the elease in ort by the emediate report de	spected internation of the beginning of the beginning of the beginning of the beginning of the beginning of the beginning of the base of the d a sample wa d DRO values of the base of the d a sample wa d DRO values of the base of the of the base of the the base of the the base of the the best of the of the best of the of the best of the of the best of the the base of the of the base of the the base of the base of the base of the base of the base of the base of the base of the base of the base of the base of the base of the base of th	Vexternal corrosion g on November 1 st , organic vapors usin NMOCD on Decem like an abandoned 1 emoved and packed AP on December 1 the excavation was of the excavation, a ve s collected from the of non-detect. Becau 1 and soils that had us of soil was taken to vation was then back ovide an infiltration r. knowledge and u and perform correct arked as "Final R on that pose a thr e the operator of r	2013 to asse g a PID mete ber 9 th , 2013 lease road no into the base completed, fi tritcal at Poin scraped soil use excavatie chloride valu o a NMOCD kfilled to grou barrier for th inderstand t tive actions eat to grou responsibili	ss the sit er. Repre- b, subseq of the e egiuning inal wall it 1 was i . The sar on chlorid tes highe approve imported imported that purs s for rela- s for rela- s not reli- nd water ity for c	e. Two points esentative sam uently follows e facility to be xcavation as a on December samples were anstalled, with nples were tal de and TPH v. r than 500 mg d facility for d soil. A samy ce and contou nce plants cap suant to NMM eases which ieve the oper r, surface wa ompliance w	through ples we d by an sample additi 20 th , 20 taken to soil sam en to a alues we //kg and disposal ple of th red to 11 bure wa OCD ru may en rator of ther, huy	hout the re taken to a Addendum d to determine ional D13, RECS o confirm that aples being commercial ere below a field PID . The imported he surrounding ter through ules and adanger I liability man health y other
Signature:	SEAN	Rohn	VEON			Approved by	OIL CON Environmental S	Peci Finvi	ronm	ental Spe	Riali	st O
Title: OF	ERATS	Tones 2	SupErc	a sur		Approval Da	10/14	Exp	viration	Date:	,	. water water
E-mail Addre Date: 3-1	19-14	T. Rubinsin	Phone:	, Com 575-390-88	73	Conditions of	f Approval:			Attached	6-1	3-2927

Phone: 575-390-8873 Date: 3-19-14 * Attach Additional Sheets If Necessary

HOBBS	OCD
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District I 1625 N. French District II 1301 W. Grand District III	Dr., Hobbs, 1 Avenue, Arte	NM 88240 sia, NM 88210)	St Energy Mi	State of New Mexico Minerals and Natural Resources I Conservation Division				1720	2 Re Submit 2 (Form C-141 vised October 10, 2003 Copies to appropriate	
1000 Rio Brazo District IV 1220 S. St. Fran	s Road, Azteo cis Dr., Santa	c, NM 87410 a Fe, NM 8750:	5	1220 Sa	Sout inta F	h St. France Fe, NM 875	is Dr. 505	RE	CEIVED	District w	Office in accordance ith Rule 116 on back side of form	
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					OP	ERATOR			🛛 Initia	al Report	Final Repor	
Name of Co	ompany C	onocoPhilli	ps Comp	any	100	Contact Jo	hn W. Gates					
Address 3. Facility Nat	ne MCA	A St. Bldg Well #357	6, Midla	nd, TX 79705-5	6406	Facility Tyr	No. 505.391.31	158				
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was minicul	X Y	es No	Not	Required	BL	A NMOCE						
By Whom?	Roman Sa	lazar			Date	and Hour 1	0/11/12 1210					
Was a Water	course Reac	hed?	Yes 🛛	No	IfY	ES, Volume In	npacting the Wate	ercourse				
If a Watercon	irse was Imj	pacted, Descr	ibe Fully.	1								
Describe Cau Agency R	se of Proble eportable	em and Reme Release fro	dial Action m two h	n Taken.* oles in a 2'' stee	el surf	ace flow line	due to suspect	ted inte	rnal/exte	rnal corro	sion.	
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I hereby certi regulations a public health should their o or the envirou federal, state,	fy that the in l operators or the envir operations have nment. In ac or local law	nformation gi are required to conment. The ave failed to a ddition, NMC vs. and/or regu	ven above o report ai acceptance dequately OCD accept ations.	is true and compl d/or file certain re- e of a C-141 repo investigate and re- tance of a C-141 r	lete to telease r rt by the emedia report o	the best of my notifications and the NMOCD m te contamination to the	knowledge and u nd perform correc arked as "Final R on that pose a thr e the operator of n	nderstan tive action eport" do eat to gro responsil	d that purs ons for rele oes not reli ound water bility for co	eases which eventhe open c, surface was compliance w	OCD rules and may endanger rator of liability ater, human health <i>i</i> th any other	
Signature:	You	m W.	Ja	t	-	Approved by	OIL CONS	SEAL USE	ATION	al Specie	un of the second	
I Inteu Ivante	. JUIN W.	Gates					1.11			To I	17117	
Title: HSEI	R Lead					Approval Dat	e: 10/17/12	LE	Expiration I	Date: 2/	11/12	
E-mail Addre	ss: John.W	.Gates@cond	ocophillip	s.com		Conditions of	Approval: DEL	NEAT	EAMD	Attached		
Date: 10/1'	7/12	I	Phone: 50	5.391.3158		REMEDIA	TE Peroc	Dau	IDELINE	SIRP-	6-13-2927	
• Attac	h Addition	al Sheets If	Necessar	у		SUBMIT	FINAL C	-141	BY			
						12117/1	2					

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 1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico Energy Minerals and Natural Resources

Form C-141 Revised October 10, 2003

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

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

			Rel	ease Notifi	catio	on and Co	orrective A	ction	1.000		and in		
					01	PERATOR	China Sellin Lin		itial Repor	: C	Final R	lepor	
Name of C	ompany C	ConocoPhilli	ps Comp	any		Contact Jo	hn W. Gates				1.5.1.7.	100	
Address 3	300 North	A St. Bldg	6, Midla	nd, TX 79705-	5406	Telephone 1	No. 505,391,3	158		2.10			
Facility Na	me MCA	Well #357	<u> </u>			Facility Typ	e Oil and Ga	S		1000			
Surface Ow	vner Fede	eral		Mineral	Owner	Federal		Lea	e No 3002	52584	900	_	
				LOC	ATIC	ATION OF RELEASE							
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			Latit	tude 32 47'.84	"N	Longitu	de 103 46' 41	.34" W					
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By Whom?	Roman Sa	alazar		We we have	Da	te and Hour 1	0/11/12 1210	S	1946				
Was a Water	Was a Watercourse Reached?				If	YES, Volume In	mpacting the Wat	tercourse.					
If a Waterco Describe Ca	urse was Im use of Probl	em and Reme	dial Actio	* n Taken.*		face flow line	due to suspee	ted internal	vternal cor	rosion			
Describe Are The affecto	ea Affected ed area is	and Cleanup a 56' X 80' 2	Action Tal X 2" area	ken.* a of pasture lar	nd. A	vacuum truc	k was called an	nd ~3 bbls of o	il was reco	vered.			
I hereby cert regulations a public health should their or the enviro federal, state	tify that the all operators n or the envi operations l onment. In a c, or local la	information g are required to ronment. The have failed to addition, NMC ws, and/or reg	iven above to report at acceptant adequately DCD accept ulations.	e is true and comp ind/or file certain ce of a C-141 rep y investigate and otance of a C-141	plete to release ort by remedi report	the best of my notifications a the NMOCD m ate contaminati does not reliev	knowledge and t nd perform corre arked as "Final F ion that pose a th re the operator of	understand that ctive actions for Report" does not reat to ground w responsibility f	pursuant to N releases whi relieve the o ater, surface or compliance	MOCD ch may perator water, h e with a	rules and endanger of liability uman heal ny other	lth	
Signature: John W. Mat				t	- ·	Annrowed by	OIL CON	ISERVATIO	N DIVIS	ION			
Printed Name. John W. Gates						rappiored by	District Supervis	1	1.1.1	-		1	
Title: HSE	R Lead					Approval Da	te:	Expirat	on Date:				
E-mail Addr	ess: John.W	V.Gates@con	ocophillip	05.00m		Conditions of Approval:			Attached 🗌				
Date: 10/1	1 1 1 1 1 1 1	-1 Ob - to TE	rnone: 5	861611929									



HOBBS OCD

APR 1 0 2014)

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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,

JC.W.

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

Ci- PiD GRO DRO B SS 6000 1.1 <10 <10 <0.01 6" 2736 3.1 <10 <10 <0.01 1' 2080 1.2 2' 232 0.2 <	T E X BTEX 5 <0.05 <0.05 <0.15 <0.3 PT PT PT 5 <0.05 <0.05 <0.15 <0.3 5 <0.05 <0.05 <0.15 <0.3 5 <0.05 <0.05 <0.15 <0.3 6 <0.05 <0.05 <0.15 <0.3	2
Legend SAMPLE POINT DEADMAN ELECTRIC POLE WELLHEAD BURIED ELECTRIC LINE BURIED PIPELINE OVERHEAD ELECTRIC LINE PAD	Point #2 Cl- PID GRO DRO B SS 23600 1.3 <10 <0.05 <0 6" 2431 0 1' 2038 0 1.5' 1049 0.3 2' 456 0.5	T E X BTEX 105 <0.05 <0.15 <0.3
SURFACE ELECTRIC LINE 	2.5' 408 0 3' 474 0 3.5' 522 0 4' 400 0 <10 <10 <0.05 <0 Source: Esri. DigitalGlobe.	Landowner: BLM
RICE ENVIRONMENTAL REEGS CONSULTING & SAFETY, LLC	CONOCOPHILLIPS MCA WELL #357 LEGALS: UL/M sec. 28 T-17-S R-32-E LEA COUNTY, NM	Figure 1 0 25 50 BHH Feet GPS date: 11/4/13 JK Drawing date: 1/2/14 Drafted by: L. Weinheimer

Excavation Data





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 accredited 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.

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,

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:	12/30/2013	Sampling Date:	12/27/2013
Reported:	12/31/2013	Sampling Type:	Soil
Project Name:	WELL #357	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: NORTH WALL CENTER (H303151-01)

BTEX 8021B mg/kg Analyzed By: MS Reporting Limit Analyzed True Value QC RPD Qualifier Analyte Result Method Blank BS % Recovery 0.050 12/30/2013 1.77 88.5 Benzene* < 0.050 ND 2.00 3.75 < 0.050 0.050 12/30/2013 87.9 Toluene* ND 1.76 2.00 3.39 Ethylbenzene* < 0.050 0.050 12/30/2013 1.73 86.5 ND 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 % 89.4-126

Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AP	122	14 1 2 1 1	in the second	-	and sold
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	
ТРН 8015М	mg	/kg	Analyze	d By: ms	12				
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	% 65.2-14	0		2			25112	

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 whatoever shall be deemed waived unless made in writing and received by Clerut and 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 stater reasons or otherwise. Results relate only to the samples identified above. This reproduced excepts in full writh mitten approval of Cardinal Laboratories.

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	Sampling Date:	12/27/2013
Reported:	12/31/2013	Sampling Type:	Soil
Project Name:	WELL #357	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

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

BTEX 8021B Analyzed By: MS mg/kg Reporting Limit Analyzed Method Blank BS True Value QC RPD Qualifier Analyte Result % Recovery 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 1.76 87.9 2.00 ND 3.39 Ethylbenzene* 12/30/2013 < 0.050 0.050 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 % 89.4-126

Chloride, SM4500CI-B	mg	/kg	Analyze	d By: AP	S. march	1.1.1			
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		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-Chlorooctadecane 105 % 63.6-154

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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	Sampling Date:	12/27/2013
Reported:	12/31/2013	Sampling Type:	Soil
Project Name:	WELL #357	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

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 0.050 12/30/2013 88.5 2.00 Benzene* < 0.050 ND 1.77 3.75 0.050 12/30/2013 2.00 Toluene* < 0.050 ND 1.76 87.9 3.39 Ethylbenzene* < 0.050 0.050 12/30/2013 ND 1.73 86.5 2.00 3.04 Total Xylenes* 12/30/2013 6.00 < 0.150 0.150 ND 5.08 84.6 2.87 12/30/2013 Total BTEX < 0.300 0.300 ND

Surrogate: 4-Bromofluorobenzene (PIL 103 % 89.4-126

Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AP	(and the second se	-			
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	d By: ms	1		Server and the	1. 2. 2. 2. 2. 2.	
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	14 - 22 M C					1.1.1.2

Surrogate: 1-Chlorooctadecane 96.4% 63.6-154

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Celey D.Kune

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:	WELL #357	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		
Troject Location.	HOT STILL		

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 0.050 88.5 Benzene* < 0.050 12/30/2013 ND 1.77 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* 12/30/2013 5.08 6.00 < 0.150 0.150 ND 84.6 2.87 Total BTEX < 0.300 0.300 12/30/2013 ND

Surrogate: 4-Bromofluorobenzene (PIL 103 % 89.4-126

Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AP	Service and		in the second second		
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	
ТРН 8015М	mg,	/kg	Analyze	d By: ms		al al		1111	1981
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	% 65.2-14	0		121				1 23

Surrogate: 1-Chlorooctadecane

98.0% 63.6-154

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Celey D. Keine

Celey D. Keene, Lab Director/Quality Manager

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

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:	12/30/2013
Reported:	12/31/2013	Sampling Type:	Soil
Project Name:	WELL #357	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

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

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

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

Chloride, SM4500CI-B	mg	/kg	Analyze	d By: AP	her		phillip to a		
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	Sec.	-	and the second	12.12	der l
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					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		1	Store 1	1. 1. 1.	5 4 50
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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Celey D. Kune

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:	12/30/2013
Reported:	12/31/2013	Sampling Type:	Soil
Project Name:	WELL #357	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

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 0.050 Benzene* < 0.050 12/30/2013 ND 1.77 88.5 2.00 3.75 12/30/2013 Toluene* < 0.050 0.050 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 12/30/2013 0.300 ND

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

Chloride, SM4500CI-B	mg	/kg	Analyze	d By: AP	1			1. 1. 1.	Sec. 1
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	1.100				M. S.
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	% 65.2-14	0		1		1. 1. A.		
Surrogate: 1-Chlorooctadecane	98.8	% 63.6-15	4						

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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

12/30/2013	Sampling Date:	12/30/2013
12/31/2013	Sampling Type:	Soil
WELL #357	Sampling Condition:	Cool & Intact
NONE GIVEN	Sample Received By:	Jodi Henson
NOT GIVEN		
	12/30/2013 12/31/2013 WELL #357 NONE GIVEN NOT GIVEN	12/30/2013Sampling Date:12/31/2013Sampling Type:WELL #357Sampling Condition:NONE GIVENSample Received By:NOT GIVENSample Received By:

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

BIEX 8021B	mg	/кд	Analyze	а ву: МЗ	1	and the second	and the second second	and the second	
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 102 % 89.4-126

Chloride, SM4500CI-B	mg	/kg	Analyze	d By: AP				1.84	
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	1.24	10.10	The second second		N. Sala
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	V SLOW			1		1. 1. 1. 1.

Surrogate: 1-Chlorooctadecane 67.0 % 63.6-154

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager

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

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 SM4500CI-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. Kune

Celey D. Keene, Lab Director/Quality Manager



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Contraction of the

IRDINAL LABORATORIES 2111 Beechwood, Abil

Company Name: RECS	. a								1991/2	6						ANA	LYSI	SR	EQUE	T	
Project Manager: Jacob Kav	-plain .			•			P.O.	#				•									
Address:			-		-		Con	pany								S					
city: Hobbs	State: NM	Zip	: 882	240			Attn									uo		-			Z
Phone #:	Fax #:						Add	ess:								in/					-
Project #:	Project Owne	ï					City.					5	Μ		Н	//s					
Project Name: Conoco Phil	انوح		1	:			Stat		Zip:	2.4.4 (A) (A) (A)		səl	91	X	d.	uc		1	-		
Project Location: Well 井3	15						Phol	1e #:				oin	0	(E)	L s	Dite	SC				
Sampler Name: Chris Flo	Sau						Fax	**			1	olr	8 H	TE	SE)	SO]]				
FOR LAB USE ONLY		L	E		MATE	XI	H	RESE	RV. SA	MPLING		10	lc	1	(ə	Ð				-	1
Lab I.D. Sam	ple I.D.	G)RAB OR (C)OMP.	# CONTAINERS	RETAWDNDORE RETAWETSAW		RUDGE	; SITHER ;	CE/COOL	: манто	Щ.	TIME		1T	and the second	L	Complet					
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PLEASE NOTE: Liability and Damages. Cardinal's liability and Damages. Cardinal's liability and Damages.	lity and client's exclusive remedy for	any clair	m arising	whether	based in	contract	or tort, s	hall be fir	nited to the amo	numt paid by	the client for	Pe						_			
entropy and the second and and the second of the second and se second and second and sec	any outer cause missoorer shart of all or correquential damages, includin informance of services hereundar by	g withou	A firritation	on, busin	ness intern	uptions, I h claim is	based in	a, or los	of the above st	red by clem	its subsidiar s or otherwise	es.	BK								
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† Cardinal cannot accept v	erbal changes. Pleas	e fax	writt	en ch	ange	t to	05-3	93-24	94												
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Page 10 of 10



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 accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab accredited 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.

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,

Celeg D. Keine

Celey D. Keene Lab Director/Quality Manager

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

Analytical Results For:

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

Received:	01/08/2014	Sampling Date:	01/07/2014
Reported:	01/14/2014	Sampling Type:	Soil
Project Name:	MCA #357	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: IMPORTED SOIL (H400070-01)

Chloride, SM4500CI-B mg/kg Analyzed By: AP Analyte Result **Reporting Limit** Analyzed Method Blank BS % Recovery True Value QC RPD Qualifier 01/09/2014 Chloride <16.0 16.0 ND 400 100 400 0.00 mg/kg **TPH 8015M** 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 Surrogate: 1-Chlorooctane 101 % 65.2-140 63.6-154 Surrogate: 1-Chlorooctadecane 112 %

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Celey D. Kune

Celey D. Keene, Lab Director/Quality Manager

Page 2 of 4

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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 SM4500CI-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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Celeg D. Kune

Celey D. Keene, Lab Director/Quality Manager

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

RDINAL LABORATORIES 101 East Mariand, Hobbs, NM 88240 2111 Beechwood, Abilene, TX 79603

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Sity: Hobbs State	: NM Zip: 8824		At	ä								uo						
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Project Name: Coneco Phillins			St	ate:		Zip:		səþ	91	X	ld.	suc						
Project Location: MCA Well #357			P	one #			-	oric	-08	(Ξ.	L s	Dife	SC	_				
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LEASE NOTE: Llability and Damages. Cardinal's liability and cleant's exclusive nelysees. All claims including those for negotigencies and any other cause whiatloos neckees. In one vert heal Cardinal be fable for incloring and on consequential damage fillaties or successors antilogy out of or related to the performance of services he	e remedy for any claim arising wh ever shall be deemed waived unly ges, including without limitation, t ersunder by Cardinal, regardless	ther based in cor ss made in writin usiness interruption of whether such d	p and rece ons, loss (aim is bat	t, shall by hved by C f use, or ed upon	imited ardinal w oss of pr	to the amount paid within 30 days after rofits incurred by ca	by the client for t completion of the ient, its subsidiari sons or otherwise	the e applica ies.	Pie									
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 \dagger Cardinal cannot accept verbal changes. Please fax written changes to 505.393-2476 $\# \mathcal{B}\mathcal{H}$







12/20/2013

Exporting soil, facing northwest

12/23/2013

12/23/2013



Excavating site, facing southeast





Collecting sample, facing south

12/30/2013





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







Seeding site, facing west

1/8/2014

Backfilling completed, facing southwest

2/26/2014



District 1 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

Form C-141 Revised August 8, 2011

Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505 Submit 1 Copy to appropriate District Office in accordance with 19.15.29 NMAC.

Release Notification and Corrective Action

OPERATOR
Initial Report
Final Report

Name of Company
ConcoPhillips Company
Contact
Initial Report
Final Report

Address
3300 North A St. Bldg 6, Midland, TX 79705
Telephone No.
Image: Concolor of the state of the stat

Tedanal

Mineral Owner Federal

API No. 300252584900

LOCATION OF RELEASE

Unit Letter Sec	tion Town	ship Range	Feet from the	North/South Line	Feet from the	East/West Line	County
S 2	28 17	S 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?	If YES, To Whom? BLM & NM	IOCD
By Whom? Roman Salazar	Date and Hour 10/11/12 1210	
Was a Watercourse Reached?	If YES, Volume Impacting the W	/atercourse.
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.	
on December 10 ⁶ , 2015. For a meeting with BLM at the site on December 5 th chloride and hydrocarbon levels. If the levels are within regulatory standard infiltration barrier. BLM approved the CAP on December 9 th , 2013 and NM personnel were on site to begin the CAP work by excavating the site to a de the horizontal contamination in the top four feet of the vadose zone was rem collected at 4.5 ft and 5 ft. The caliche road was scraped down to use as bac laboratory, and all samples returned chloride values below 250 mg/kg and C standards, a liner installation was not warranted. Excavated soils were evalu higher than 100 ppm were taken to a NMOCD approved facility for disposal excavation was backfilled with 2 ft of compacted caliche from the lease road soil was taken to a commercial laboratory for analysis and returned a chlorid location. The site was seeded with BLM mix #2 on February 26 th , 2014. V their roots thereby reducing the amount of water traveling through the vados I hereby certify that the information given above is true and completed the set of th	by , 2013, BLM would like an abandoned lease 1 s, the road would be removed and packed into t MOCD approved the CAP on December 11 th , 20 pih of 4 ft bgs. Once the excavation was compl looved. At the base of the excavation, a vertical exfill and a sample was collected from the scrap BRO and DRO values of non-detect. Because ex- lated for use as backfill and soils that had chlori I. A total of 877 yards of soil was taken to a NJ d. The remaining excavation was then backfilled fe result of non-detect. The site was backfilled legetation will also provide an infiltration barrie se zone to groundwater.	road north of the fachity to be sampled to determine he base of the excavation as an additional D13. Beginning on December 20 th , 2013, RECS letted, final wall samples were taken to confirm that at Point 1 was installed, with soil samples being bed soil. The samples were taken to a commercial ceavation chloride and TPH values were below de values higher than 500 mg/kg and a field PID MOCD approved facility for disposal. The ed with imported soil. A sample of the imported to ground surface and contoured to the surrounding er for the site, since plants capture water through stand that pursuant to NMOCD rules and
regulations all operators are required to report and/or file certain rel	ease notifications and perform corrective a	actions for releases which may endanger
should their operations have failed to adequately investigate and rer	mediate contamination that pose a threat to	ground water, surface water, human health
or the environment. In addition, NMOCD acceptance of a C-141 re	port does not relieve the operator of respo	insibility for compliance with any other
federal, state, or local laws and/or regulations.		
Signature: Sem Rohm	<u>OIL CONSER</u>	A DIVISIER MY
Printed Name: SEAN TOBINION	Approved by Environmental Specia	Environmental Specialist
Title: OPERATIONS SUPERIESOR	Approval Date: 410114	Expiration Date:
E-mail Address: Sean, T. Rubinson & Cop. Com	Conditions of Approval:	Attached
Date: 3-19-14 Phone: 575-390-887	3	IRP-06-13-2927

* Attach Additional Sheets If Necessary

Leking, Geoffrey R, EMNRD

From: Sent: To: Subject: Leking, Geoffrey R, EMNRD Friday, June 07, 2013 10:11 AM 'Wright, Justin (PAC)' 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: <u>Candacemcnabb@aol.com</u> [<u>mailto:Candacemcnabb@aol.com</u>] 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	DEC 1 1 2013
Cc:	Justin Wright; Hack Conder	
Subject:	Re: ConocoPhillips MCA Well #357 Corrective Action Plan	DECEIVED
Date:	Monday, December 09, 2013 3;40:00 PM	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 <<u>lweinheimer@rice-ecs.com</u>> 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: <u>dwhitloc@blm.gov</u>

HOBBS OCD

Leking, Geoffrey	R, EMNRD	DEC 1 6 2013
From:	Lara Weinheimer < lweinheimer@rice-ecs.com>	DEOER COM
Sent:	Monday, December 16, 2013 1:44 PM	RECEIVED
То:	Duncan Whitlock; Leking, Geoffrey R, EMNRD	
Cc:	'Hack Conder'; 'Justin Wright'; 'Kyle Norman'	
Subject:	ConocoPhillips MCA Well #357 (1RP-06-13-2927) Corre	ective Action Plan and

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.

Addendum

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.

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