REVISED COPY August 1, 2008

District I 1625 N. French Di District II District III District III 1000 Rio Brazos Road, NaO M 81412 2008 District IV

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

* Attach Additional Sheets If Necessary

State of New Mexico **Energy Minerals and Natural Resources**

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

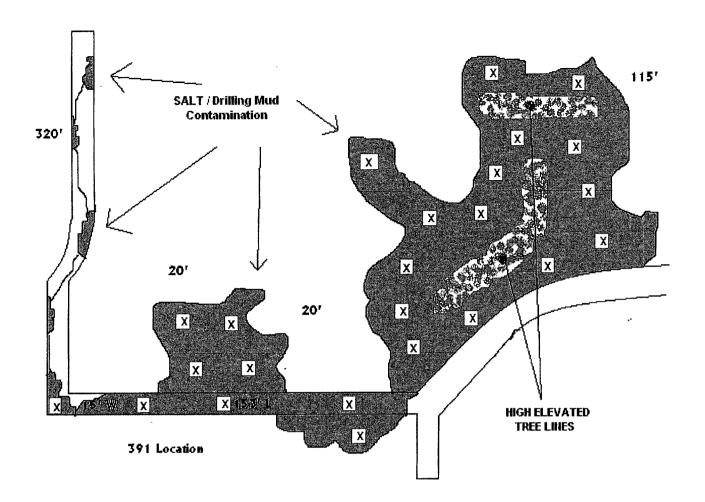
Form C-141 Revised October 10, 2003

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

Release Notification and Corrective Action

		(PERA	TOR		x Initial I	Report 🔲 I	Final Re	port	
Name of Co	mpany Co	onocoPhillip	S				n Samarripa			
Address:						Telephone 1	No. 432.368.126	53		
ConocoPhil			e/ 3300 N	I. "A" St.	1					
Bldg. 6 #24'										
Facility Nan	ne MCA V	Well 391				Facility Typ	e Oil Well			
Surface Own	ner: BLM	····		Mineral C	wner'	BLM			Lease N	lo. 30-025-38853
									1 200001	
		·				N OF RE	,	r		
Unit Letter	Section	Township	Range	Feet from the		/South Line	Feet from the	1	est Line	County
Н	25	T17S	R32E	2622		North	662	[E	ast	Lea
		L						<u>!</u>		
			Lat	itude: 32° 42' 1	9.53" 1	V/ Longitud	e: -103° 42' 46.	<u>9" W</u>		
				NAT	URE	OF REL	EASE			•
Type of Relea	ase: Brine/	Drilling Mud					Release: ~65 bbl	s.	Volume R	Lecovered: 0
Source of Re	ease: 3" po	ly-line					lour of Occurrenc	e		Hour of Discovery
XX7 T. 1*	. 31 41 6	31 0				7.23.08 @	0430 hrs.		7.23.08 @	0600 hrs.
Was Immedia	tte Notice (Yes 🗌	No 🔲 Not Req	nired	If YES, To NMOCD &				
D W. O.			103 🗀	No 🗀 Not Keg	un cu					
By Whom? T Was a Watero							lour: 7.23.08 1030 Jume Impacting to		20011850	
was a water	ourse Reac	meu?	Yes x	No		NA	nume impacting t	ne water	course.	
If a Watercou	rse was Im	pacted, Descri	ibe Fully.	'NA						
Describe Cau	se of Proble	em and Remed	dial Action	Taken.*					, ,	
							NM, an accidental	discharg	ge of brine	drilling mud was released
from a tempo	rary storage	e tank. Fluid v	vas not co	ntained and no flu	id was	recovered.				
Describe Area	Affected a	and Cleanup A	Action Tak	en.*		·····				
				road and pasture	land. N	o livestock w	as present.			1
Area will be r	emediated	per NMOCD	& BLM g	uidelines.						
I hereby certif	fy that the i	nformation of	ven above	is true and comp	ete to t	he hest of my	knowledge and m	nderstand	that nure	uant to NMOCD rules and
										eases which may endanger
										eve the operator of liability
should their o	perations h	ave failed to a	dequately	investigate and re	mediat	e contaminati	on that pose a thre	at to gro	und water	, surface water, human health
or the environ	ment. In a	ddition, NMO	CD accep	tance of a C-141	eport d	oes not reliev	e the operator of r	esponsib	ility for co	empliance with any other
federal, state,	or local lav	vs and/or regu	lations.			····-				
	٨/١	Δ	.				OIL CONS	SERV	ATION	DIVISION
Signature:	\mathcal{A}	1	,						Ohm	50m
						Approved by	District Strommise	DANIA A C	TRITTAI	ENOWEED
Printed Name	: Tom Sam	arripa					District Suppryis	ONIVIE	NIAL	ENGINEEK
Title: WSER						Ánnroval Dat	e: 11. 21. 01	BE	yniration T	Date: 17.8.08
~100 (TDDAK						rhhro iar mar	(1, -,		vhiramon r	10 6.00
E-mail Addre	ss: tom.sam	narripa@cono	cophillips.	com		Conditions of	Approval:			Attached
Data (! !	. 0 1 00	T-1	4000	0.1060		C	- C	P 11	1	1RP# 2009
Date: (revised	8.1.08	Phor	ie: 432.36	8.1263		DUBM	TFINAL	<u>ر، ۱4</u>	-1	111-6009

VIA MAIL - MUST HAVE ORIGINAL SIGNATURE,

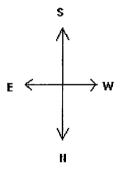


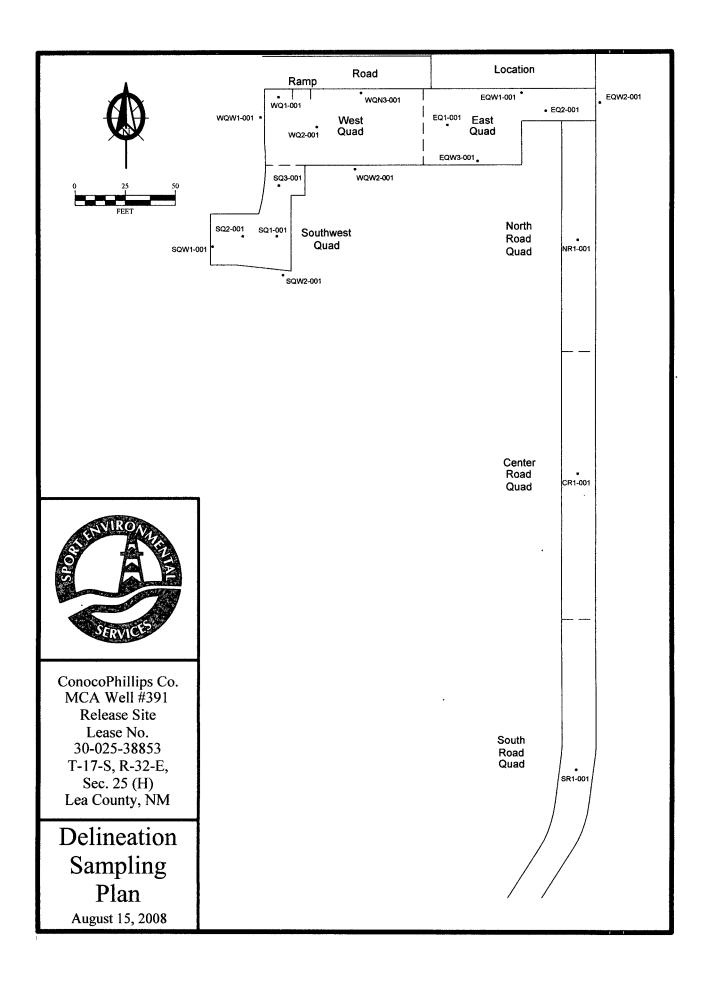
χ - 6" Depth Soil Samples

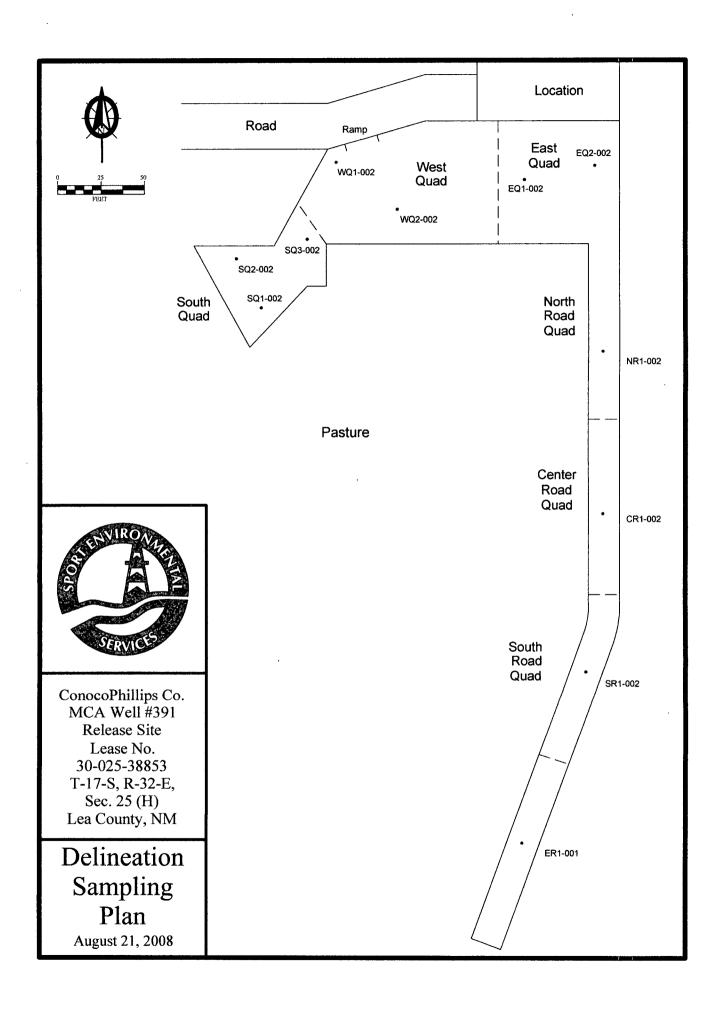
X - 18" Depth Soil Samples

- Salt/Drilling Mud Contamination

- Elevated Treeline









p. 1 of 1

Project Name:

ConocoPhillips MCA Well #391 Lea County, New Mexico

Project Location:

									Matho	de: EDA	An	alytical	Résults	S TEXV SW	8/16/0253	(el)		
					Date Received:	Carbon Ranges C6-C10 (mg/kg dry)	inges C10-C28	inges C28-C35	ocarbons	Benzene	SUCSIN	ene P	Xylene (p/m)		846 9253 			Ü
Sample ID	Lab ID	Matrix		Date:Sampled:	Date Received	Carbon Re (mg/kg/dn)	Carbon Re	Carbon Re	Total Hydr	Benzene	Toluene	Ethylbenz	Xylene (p/	Xylene (o)	Total Xylenes	Total:BTE	Chloride (% Moistur
	H15753-1	Soil	22/01/01/01/01/01/01/01/01/01/01/01/01/01/	8/13/2008 12:22			<10.0			<0.010	·				<0.030		<16	
West Back	H15753-2	Soil		8/13/2008 12:29	8/15/2008 17:30	<10.0	<10.0			<0.010	<0.025	<0.010			<0.030		<16	
Center Back	H15753-3	Soil		8/13/2008 12:38	8/15/2008 17:30	<10.0	<10.0			<0.010	<0.025	<0.010			<0.030		<16	
															•			
										_								



p. 1 of 2

Project Name:

ConocoPhillips MCA Well #391 Lea County, New Mexico

Project Location:

						Analytical Results ! Methods: EPA:8015M (TPH), EPA:8021B (BTEX); SW:846 9253 (CI)												
Transaction to the same	Partiz aneles necessas La	a large man and a	Hereinerale Webler von Erstein in	Team seems seems as a common seems	Laboration of the Control of the Con				Metho	ds: EPA	8015M (TI	PH) EPA	8021B (B	TEX), SW	846 9253	(CI)		54.5
						C6-C10	C10-C28	628-C35	Suc					395 - 87			ı/kg wet).	
Sample ID	Lab [‡] ID*	Matrix		Date Sampled:	Date Received	Carbon Ranges (mg/kg dry)	Carbon Ranges C10-C28	Carbon Ranges 628-635	Total!Hydrocarbons	Benzene	Toluene	Ethylbenzene	Xylene (p <u>/m</u>))	Xyjene (o)	Total Xylenes	Total BTEX	Ghloride.(Cl).(mg/kg.wet).	%:Moisture
SQ1-001	H15754-1	Soil	Composite	8/15/2008 15:05	8/15/2008 17:30	1	<10.0			<0.010		<0.010			<0.030		4,640	
SQ2-001	H15754-1	Soil		8/15/2008 15:10	8/15/2008 17:30													
SQ3-001	H15754-1	Soil		8/15/2008 15:22	8/15/2008 17:30													
WQ1-001	H15754-2	Soil	Composite	8/15/2008 15:48	8/15/2008 17:30	<10.0	12.8			<0.010	<0.025	0.032			0.220		1,390	
WQ2-001	H15754-2	Soil		8/15/2008 15:55	8/15/2008 17:30				-							·· · · · · · · · · · · · · · · · ·		
EQ1-001	H15754-3	Soil	Composite	8/15/2008 16:09	8/15/2008 17:30	<10.0	<10.0			<0.010	<0.025	<0.010	•		<0.030		288	
EQ2-001	H15754-3	Soil		8/15/2008 16:15	8/15/2008 17:30						-							
WQW3-001	H15754-4	Soil	Composite	8/15/2008 16:03	8/15/2008 17:30	<10.0	<10.0			<0.010	<0.025	<0.010			<0.030		64	
EQW1-001	H15754-4	Soil		8/15/2008	8/15/2008 17:30								- 					



p. 2 of 2

Project Name: ConocoPhillips MCA Well #391

Project Location: Lea County, New Mexico

						Analytical Results Methods: EPA:8015M;(TPH); EPA:8021B;(BTEX); SW:846;9253;(CI);												
es est significant states and a segment	The Annual Control of	Lawrence care	In Mile Legitoristani, White	L SAPAS IN CONT. MINISTER. MAINTHINE ONL	In account with release and the seconds of					ds. EPA	8015M (TI	PH), EPA	8021B (B	(EX), SW	846 9253	(CI)		
						Carbon Ranges C6-C12 (mg/kg/dry)	Ranges,C.12-C28	Ranges G28-G35	drocarbons	Benzene	<u>Toluene.</u>	Ethylbenzene	(w/d	(0	Totál Xylenes	EX	Chloride (Cl) (mg/kg.wet).	% Moisture
Sample ID	Lab ID	Matrix		Date Sampled	Date Received	Carbon (mg/kg c	Carbon	Carbon	Total Hy	Benzene	Toluene	Ethylber	Xylene (p/m)	Xylene (Total Xy	Total BIEX	Chloride	% Moist
EQW3-001	H15754-5	Soil	Composite	8/15/2008 16:20	8/15/2008 17:30		<10.0			<0.025	<0.025				<0.030		16	
WQW2-001	H15754-5	Soil		8/15/2008 15:58	8/15/2008 17:30								-					
SQW1-001	H15754-6	Soil	Composite	8/15/2008 15:12	8/15/2008 17:30	<10.0	<10.0			<0.010	<0.025	<0.010			<0.030		112	
SQW2-001	H15754-6	Soil		8/15/2008	8/15/2008 17:30											-		
EQW2-001	H15754-7	Soil		8/15/2008 16:18	8/15/2008 17:30	<10.0	<10.0			<0.010	<0.025	<0.010			<0.030		<16	
WQW1-001	H15754-8	Soil		8/15/2008 15:38	8/15/2008 17:30	<10.0	<10.0			<0.025	<0.025	<0.010			<0.030		<16	
NR1-001	H15754-9	Soil		8/15/2008 16:25	8/15/2008 17:30	<10.0	<10.0			<0.010	<0.025	<0.010			<0.030		11,800	
CR1-001	H15754-10	Soil		8/15/2008 16:27	8/15/2008 17:30	<10.0	<10.0			<0.010	<0.025	<0.010			<0.030		384	
SR1-001	H15754-11	Soil		8/15/2008 16:30	8/15/2008 17:30	<10.0	<10.0	,		<0.010	<0.025	<0.010			<0.030		128	



p. 1 of 1

Project Name:

ConocoPhillips MCA Well #391

Project Location: Lea County, New Mexico

						Analytical Results												
						842			Metho	ds: EPA	8015M (TI	PH), EPA	8021B (B	rex); SW	846 9253	(CI)		
						Carbon Ranges CG-C10. (mg/kg/dny)	Carbon Ranges C10-C28	Carbon Ranges C28-C35	Total Hydrocarbons	Benzene	Toluene	Ethylbenzene	Xylene (p/m)	Xylene (o)	Total Xylenes	Total BTEX	Chloride (CJ) (mg/kg/wet)	%.Moisture
Sample ID	Lab ID	Matrix		Date Sampled	Date Received:	10°E	- ü	#00 C	P	<u> </u>	i pro	ш	₹ X	* \$ *	L L	P. W	್ತ್	- 8
SQ1-002	H15789-1	Soil	Composite	8/21/2008 11:00	8/21/2008 14:45	<10.0	<10.0			<0.050	0.057	<0.050			<0.150		112	
SQ2-002	H15789-2	Soil		8/21/2008 11:10	8/21/2008 14:45													
SQ3-002	H15789-3	Soil		8/21/2008 11:20	8/21/2008 14:45						i							
		ļ								-								
WQ1-002	H15789-4	Soil	Composite	8/21/2008 11:25	8/21/2008 14.45	<10.0	22.6			<0.050	<0.050	<0.050			<0.150		96	
WQ2-002	H15789-5	Soil		8/21/2008 11:32	8/21/2008 14:45													
EQ1-002	H15789-6	Soil	Composite	8/21/2008 11:38	8/21/2008 14:45	<10.0	<10.0			<0.050	<0.050	<0.050			<0.150		48	
EQ2-002	H15789-7	Soil		8/21/2008 11:45	8/21/2008 14:45													
NR1-002	H15789-8	Soil		8/21/2008 12:15	8/21/2008 14:45	<10.0	<10.0			<0.050	<0.050	<0.050			<0.150		64	
CR1-002	H15789-9	Soil	,	8/21/2008 12:22	8/21/2008 14:45	<10.0	<10.0			<0.050	<0.050	<0.050			<0.150		176	
SR1-002	H15789-10	Soil		8/21/2008 12:29	8/21/2008 14:45	<10.0	<10.0			<0.050	<0.050	<0.050			<0.150		304	
ER1-001	H15789-11	Soil		8/21/2008 12:38	8/21/2008 14:45	<10.0	<10.0			<0.050	<0.050	<0.050			<0.150		160	



p. 1 of 1

Project Name:

ConocoPhillips MCA Well #391 Lea County, New Mexico **Project Location:**

						Analytical Results												
									Metho	ds: EPA	8015M (TI	PH), EPA	8021B (B)	rex), sw	846 9253	(CI)		
	L'ab\ID)				Date Received	Carbon Ranges C6-C10 (mg/kg/dny)	es C10-C28	Carbon Ranges C28-C35	arbons			Ethylbenzene			Total Xylenes		(mg/kg:wet)	
Sample ID	Lab;ID	Matrix		Date Sampled	Date Received	Carbon Rang (mg/kg dry)	Carbon Rang	Carbon Rang	Total Hydroca	Benzene	Toluene	Ethylbenzene	Xylenei (p/m)	Xylene (o)	Total Xylenes	Total BTEX	Chloride (Cl)	% Moisture
SR1-003	H15810-1	Soil		8/25/2008 14:30	8/25/2008 16:20												160	
					,													
															-			
				:														
											·							
	ļ																	
			,															



ANALYTICAL RESULTS FOR SPORT ENVIRONMENTAL ATTN: DEBI S. SMITH 502 N. BIG SPRING MIDLAND, TX 79701 FAX TO: (866) 500-0622

Receiving Date: 08/15/08

Reporting Date: 08/18/08
Project Number: NOT GIVEN

Project Name: CONOCO PHILLIPS

Project Name, CONCCO PRILLIPS

Project Location: MCA WELL 391, MALJAMAR, NM

Analysis Date: 08/18/08 Sampling Date: 08/13/08 Sample Type: SOIL

Sample Condition: COOL & INTACT

Sample Received By: HM

Analyzed By: HM

LAB NUMBER SAMPLE ID

Cf (mg/kg)

H15753-1	EAST BACK	< 16
H15753-2	WEST BACK	< 16
H15753-3	CENTER BACK	< 16
100 Marie 100 Ma		
Quality Control		500
True Value QC		500
% Recovery		100
Relative Percen	Difference	<0.1

METHOD: Standard Methods	4500-CFB
Note: Analyses performed on 1:4 w:v aqueous extrac	ts.

the I. Mormon

Date

H15753 Sport Environmental



ANALYTICAL RESULTS FOR SPORT ENVIRONMENTAL ATTN: DEBI S. SMITH 502 N. BIG SPRING MIDLAND, TX 79701 FAX TO: (888) 500-0622

Receiving Date: 08/15/08

Reporting Date: 08/21/08
Project Number: NOT GIVEN

Project Name: CONOCO PHILLIPS

Project Location: MCA WELL 391, MALJAMAR, NM

Sampling Date: 08/13/08

Sample Type: SOIL

Sample Condition: COOL & INTACT

Sample Received By: HM

Analyzed By: CK

LAB NO. SAMPLE ID	GRO (C ₈ -C ₁₀) (mg/kg)	DRO (>C ₁₀ -C _{2\$}) (mg/kg)	BENZENE (mg/kg)	TOLUENE (mg/kg)	ETHYL BENZENE (mg/kg)	TOTAL XYLENES (mg/kg)
ANALYSIS DATE:	08/19/08	08/19/08	08/20/08	08/20/08	08/20/08	08/20/08
H15753-1 EAST BACK	<10.0	<10.0	<0.010	<0.025	<0.010	<0.030
H15753-2 WEST BACK	<10.0	<10.0	<0.010	<0,025	<0.010	<0.030
H15753-3 CENTER BACK	<10.0	<10.0	<0.010	<0.025	<0.010	<0.030
Quality Control	422	561	0.042	0.043	0.042	0.130
True Value QC	500	500	0.050	0.050	0.050	0.150
% Recovery	84.4	112	84.0	86.0	84.0	86.7
Relative Percent Difference	0.6	5.7	2.5	16.0	12.2	11.8

METHODS: TPH GRO & DRO - EPA SW-846 8015 M; BTEX - SW-846 8260.

TEXAS NELAP CERTIFICATION T104704398-08-TX FOR BENZENE, TOLUENE, ETHYL BENZENE, AND TOTAL XYLENES.

Chemist

08/22/08 Date

H15753BTEXT2 SE

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 whetsoever shall be deemed waived unless made in writing end received by Cardinal within thirty (30) days after completion of the applicable service. In no event shell 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, stillates or successors arising out of or related to the performance of services hereunder by Cardinal, regerdless of whether such claim is based upon any of the above-stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.



ARDINAL LABORATORIES 101 East Marland, Hobbs, NM 88240

	(575) 393-2326 Fax (575) 39	3-2476	Pageof	
Company Name	CITYING TIME	nte l	BILL TO	ANALYSIS REQUEST
Project Manager		·	P.O. #:	
Address: 50	2 N. By Spring		Company:	
City: Mid	State: T	c zip: 79701	Altn:	
Phone #: 43	2-683-1100 Fax#:	860-500-0622	Address:	
Project #:	Project Ov	vner.	City:	
Project Name:	Conoco Phillips		State: Zip:	
Project Location	: MCA Well 391	Maljemar, NM	Phone #:	
Sampler Name:	Mark Stalaj	· ·	Fax #:	
FOR LAB USE CREEY	j	MATRIX	PRESERV. SAMPLING	
		(G)RAB OR (C)OMP # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL		
Lab I.D.	Sample I.D.	MATER ATER	ا ایران	PATEX BATEX
		(G)FAB OR (C)ON # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL	OTHER: ACIOBASE: OTHER: OTHER:	
		WASI SOIL SULL	OTHER:	IME
H15753-L	Gast Back	C 1 x	X 8-3-08/12	
-1	West BACK Center BACK		X 12	
	Center BACK	CI X	X 1 (2	.38
f				
			-	
		 		
			+	
margas Al Calms news	nd Damagsa. Ceromai's latbally and dishes exclusive teme ing mose for neg-gande and any other cause woatsbever's	hall be ceamed waked unless made in witing a	nd received by Candinal width 30 days eller comp	Abition of the applicable 30 days past due at the rate of 24% per arraces from the original date of impace
	signed the second of the performance of services descently and the performance of services descent	ter by Cardinat regardings of whether such dails	n is based upon any of the above stated mesons :	DI Officiales
Samples Reling	uished:	-08 Received By:	Eas	one Result: D No Add't Phone #: k Result: D No Add't Fax #:
1 thet	Str. 17:3	0 type d. h	1 orbit	MARKS:
Relinquished B	y: Date:	Received By:	<u> </u>	
	Time;		Ì	
Delivered By	: (Circle One)	Temp. Sample Cond		
Sampler - UPS	- Bus - Other;	Cool Intact	es ((initials)	
		□ No □ J	No Down	

[†] Cardinal cannot accept verbal changes. Please fax written changes to 575-393-2476.



ANALYTICAL RESULTS FOR SPORT ENVIRONMENTAL ATTN: DEBI S. SMITH 502 N. BIG SPRING MIDLAND, TX 79701 FAX TO: (866) 500-0622

Receiving Date: 08/15/08 Reporting Date: 08/18/08

Project Owner: CONOCO PHILLIPS Project Name: MCA WELL 391 Project Location: MALJAMAR, NM Analysis Date: 08/18/08 Sampling Date: 08/15/08 Sample Type: SOIL

Sample Condition: COOL & INTACT

Sample Received By: HM

Analyzed By: HM

LAB NO.	SAMPLE ID	Cl¯ (mg/kg)
H15754-1	SQ1-001,SQ2-001,SQ3-001 COMP. 3'	4,640
H15754-2	WQ1-001, WQ2-001 COMP. 3' & 4'	1,390
H15754-3	EQ1-001, EQ2-001 COMP. 4'	288
H15754-4	WQW3-001, EQW1-001 COMP. 6"	64
H15754-5	EQW3-001, WQW2-001 COMP. 6"	16
H15754-6	SQW1-001, SQW2-001 COMP. 6"	112
H15754-7	EQW2-001 6"	< 16
H15754-8	WQW1-001 6"	< 16
H15754-9	NR1-001 0"	11,800
H15754-10	CR1-001 2"	384
H15754-11	SR1-001 2"	128
Quality Contro	ol .	500
True Value Q	C	500
% Recovery		100
Relative Perce	ent Difference	<0.1
METHOD: Sta	ndard Methods	4500-CГB

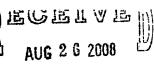
Note: Analyses performed on 1:4 w:v aqueous extracts.

Chemist

Date

H15754 Sport Environmental







Receiving Date: 08/15/08

Reporting Date: 08/22/08

Project Owner: CONOCO PHILLIPS

Project Location: MALJAMAR, NM

Project Name: MCA WELL 391

PHONE (575) 393-2326 • 101 E. MARLAND • HOBBS, NM-68240

ANALYTICAL RESULTS FOR SPORT ENVIRONMENTAL ATTN: DEBI S. SMITH 502 N. BIG SPRING MIDLAND, TX 79701 FAX TO: (888) 500-0622

> Sampling Date: 08/15/08 Sample Type: SOIL

Sample Condition: COOL & INTACT

Sample Received By: HM Analyzed By: AB/CK

GRO DRO **TOTAL ETHYL** BENZENE TOLUENE **XYLENES** LAB NO. SAMPLE ID (C_6-C_{10}) (>C10-C28) BENZENE (mg/kg) (mg/kg) (mg/kg) (mg/kg) (mg/kg) (mg/kg) 08/20/08 ANALYSIS DATE: 08/20/08 08/20/08 08/20/08 08/20/08 08/20/08 H15754-1 <10.0 SQ1-001,SQ2-001,SQ3-001 COMP. 3' <10.0 < 0.010 < 0.025 < 0.010 < 0.030 H15754-2 WQ1-001,WQ2-001 COMP. 3' & 4' <10.0 12.8 < 0.010 <0.025 0.032 0.220 H15754-3 EQ1-001, EQ2-001 COMP. 4' <10.0 <10.0 <0.010 <0.025 <0.010 < 0.030 H15754-4 WQW3-001,EQW1-001 COMP. 6" <10.0 <10.0 < 0.010 < 0.025 < 0.010 < 0.030 H15754-5 EQW3-001, WQW2-001 COMP. 6" <10.0 <10.0 < 0.025 <0.025 < 0.010 < 0.030 H15754-6 <10.0 <10.0 <0.010 <0.025 <0.010 < 0.030 SQW1-001,SQW2-001 COMP. 6" H15754-7 EQW2-001 6" <10.0 <10.0 < 0.010 < 0.010 < 0.025 < 0.030 H15754-8 WQW1-001 6" <10.0 <10.0 <0.025 <0.025 < 0.010 < 0.030 <10.0 <10.0 <0.010 H15754-9 NR1-001 0" <0.025 < 0.010 <0.030 H15754-10 CR1-001 2" <10.0 <0.010 <10.0 < 0.025 < 0.010 < 0.030 H15754-11 SR1-001 2" <10.0 <10.0 <0.010 <0.010 <0.030 < 0.025 437 **Quality Control** 597 0.042 0.043 0.042 0.130 True Value QC 500 500 0.050 0.050 0.050 0.150 119 87.4 83.3 85.9 83.9 86.7 % Recovery 19.4 Relative Percent Difference 6.7 5.3 2.8 4.6 3.7

METHODS: TPH GRO & DRO - EPA SW-846 8015 M; BTEX - SW-846 8260.

TEXAS NELAP CERTIFICATION T104704398-08-TX FOR BENZENE, TOLUENE, ETHYL BENZENE, AND TOTAL XYLENES.

H15754BTEXT2 SE

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



(575) 393-2326 Fax (575) 393-2476

	(575) 393-2326 Fax											F	age	of _						
Company Name:	Sport Environ	mental				BIL	L TO						ANA	LYSIS	RE	QUE	ST			
Project Manager	Devi S. Smit	k			P.C	D. #:														
Address: 507					Со	mpany:									1		1			
city: Midlo	d			4701	Att	n:			ļ			1	1			1		ŀ	1	
Phone #: 432	26831100	Tax #: # 866	500	0622	Ad	dress:													- 1	
Project #: Con	oco Phillips	Project Owner:			Cit	:y:					ļ	l			ļ	ļ				
Project Name:	MCA Well 391				Sta	ate: Z	Zip:					[1			1	
Project Location	: Maljamar, N	IN.			Ph	one #:			1			1			l			1	-	
Sampler Name:	Mark Stala	4			Fa	x #:]			1				
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[†] Cardinal cannot accept verbal changes. Please fax written changes to 575-393-2476.



101 East Marland, Hobbs, NM 88240 (575) 393-2326 Fax (575) 393-2476

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Project Location	: Meawell		Mal	16	mor, NK	Ph	опе #:															
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ANALYTICAL RESULTS FOR SPORT ENVIRONMENTAL ATTN: DEBI S. SMITH 502 N. BIG SPRING STREET MIDLAND, TX 79701 FAX TO: (888) 500-0622

Receiving Date: 08/21/08 Reporting Date: 08/22/08 Project Owner: NOT GIVEN

Project Name: CONOCO PHILLIPS MCA WELL 391

Project Location: MALJAMAR, NM

Analysis Date: 08/22/08 Sampling Date: 08/21/08 Sample Type: SOIL

Sample Condition: COOL & INTACT

Sample Received By: ML

Analyzed By: TR

LAB NO.	SAMPLE ID	C((mg/kg)
H15789-1,2,3	SQ1-002,SQ2-002,SQ3-002 COMP.	112
H15789-4,5	WQ1-002, WQ2-002 COMP.	96
H15789-6,7	EQ1-002, EQ2-002 COMP.	48
H15789-8	NR1-002	64
H15789-9	CR1-002	176
H15789-10	SR1-002	304
H15789-11	ER1-001	160
Quality Control		510
True Value QC		500
% Recovery		102
Relative Percer	nt Difference	1.9
METHOD: Stand	dard Methods	4500-CFB

Note: Analyses performed on 1:4 w:v aqueous extracts.

the L. Mamo

c*8 - 22-08* Date

H15789 Sport Environmental

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ANALYTICAL RESULTS FOR SPORT ENVIRONMENTAL ATTN: DEBI S. SMITH 502 N. BIG SPRING STREET

MIDLAND, TX 79701 FAX TO: (888) 500-0622

Receiving Date: 08/21/08 Reporting Date: 08/26/08

Project Number: NOT GIVEN

Project Name: CONOCO PHILLIPS MCA WELL 391

Project Location: MALJAMAR, NM

Sampling Date: 08/21/08

Sample Type: SOIL

Sample Condition: COOL & INTACT

Sample Received By: ML

Analyzed By: AB

		GRO	DRO
		(C ₆ -C ₁₀)	(>C ₁₀ -C ₂₈)
LAB NUMBER	SAMPLE ID	(mg/kg)	(mg/kg)

ANALYSIS DA		08/25/08	08/25/08
H15789-1,2,3	SQ1,SQ2,SQ3-002 COMP.	<10.0	<10.0
H15789-4,5	WQ1,WQ2-002 COMP.	<10.0	22.6
H15789-6,7	EQ1,EQ2-002 COMP.	<10.0	<10.0
H15789-8	NR1-002	<10.0	<10.0
H15789-9	CR1-002	<10.0	<10.0
H15789-10	SR1-002	<10.0	<10.0
H15789-11	ER1-001	<10.0	<10.0
Quality Control		567	439
True Value QC		500	500
% Recovery		113	87.8
Relative Perce	nt Difference	9.1	5.1

METHOD: SW-846 8015 M

Chemist

Date

H15789T SE

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ANALYTICAL RESULTS FOR SPORT ENVIRONMENTAL ATTN: DEBI S. SMITH 502 N. BIG SPRING STREET MIDLAND, TX 79701 FAX TO: (888) 500-0622

Receiving Date: 08/21/08 Reporting Date: 08/25/08 Project Number: NOT GIVEN

Project Name: CONOCO PHILLIPS MCA WELL 391

Project Location: MALJAMAR, NM

Sampling Date: 08/21/08 Sample Type: SOIL

Sample Condition: COOL & INTACT

Sample Received By: ML

Analyzed By: ZL

LAB NUMBER		BENZENE (mg/kg)	TOLUENE (mg/kg)	ETHYL BENZENE (mg/kg)	TOTAL XYLENES (mg/kg)
ANALYSIS DA		08/22/08	08/22/08	08/22/08	08/22/08
H15789-1,2,3	SQ1-002,SQ2-002,	<0.050	0.057	< 0.050	<0.150
	SQ3-002 COMP				
H15789-4,5	WQ1-002, WQ2-002	<0.050	< 0.050	<0.050	<0.150
	COMP				+
H15789-6,7	EQ1-002, EQ2-002 COMP	< 0.050	<0.050	< 0.050	<0.150
H15789-8	NR1-002	<0.050	<0.050	<0.050	<0.150
H15789-9	CR1-001	< 0.050	<0.050	<0.050	<0.150
H15789-10	SR1-002	<0.050	<0.050	<0.050	<0.150
H15789-11	ER1-001	<0.050	<0.050	<0.050	<0.150
Quality Control		0.050	0.048	0.050	0.155
True Value QC		0.050	0.050	0.050	0.150
% Recovery		100	96.0	100	103
Relative Percen	t Difference	0.2	3.4	0.9	1.3

METHOD: EPA SW-846 8021B

TEXAS NELAP CERTIFICATION T104704398-08-TX FOR BENZENE, TOLUENE, ETHYL BENZENE, AND TOTAL XYLENES.

Chemist

Date

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Project Manager:

Address: 507

Project #:

Project Name:

Sampler Name:

FOR LAB USE CALLY

Lab I.D.

Project Location: M

Phone #: 4326831100

101 East Marland, Hobbs, NM 88240 (575) 393-2326 Fax (575) 393-2476 Company Name: Stort Engronwental

Sample I.D.

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Fax #: 1880 500 06 22

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Project Owner:

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BILL TO

Zip:

SAMPLING

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8-21-08 11:00

TIME

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Attn:

City:

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Fax#:

Phone #:

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Company:

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[†] Cardinal cannot accept verbal changes. Please fax written changes to 575-393-2478.



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[†] Cardinal cannot accept verbal changes. Please fax written changes to 575-393-2476.



ANALYTICAL RESULTS FOR SPORT ENVIRONMENTAL ATTN: DEBI S. SMITH 502 N. BIG SPRING ST. MIDLAND, TX 79701 FAX TO: (888) 500-0622

Receiving Date: 08/25/08 Reporting Date: 08/26/08 Project Owner: NOT GIVEN

Project Name: CONOCO PHILLIPS MCA WELL 391

Project Location: MALJAMAR, NM

Analysis Date: 08/25/08 Sampling Date: 08/25/08 Sample Type: SOIL

Sample Condition: COOL & INTACT

Sample Received By: ML

Analyzed By: HM

LAB NO.	SAMPLE ID	C[(mg/kg)
H15810-1 S	R1-003 3.5'	160
and the second of the second s		
7/4		
Quality Control		510
True Value QC		500
% Recovery		102
Relative Percent I	Difference	< 0.1
METHOD: Standar	d Methods	4500-CFB

Note: Analysis performed on a 1:4 w.v aqueous extract.

Chemist S. Man

Date

H15810 Sport Environmental

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



(575) 393-2326 Fax (575) 393-2476

Company Name:	act Manager: Debia S. Sinith						BI	LL TO						ANA	ALYS	IS R	EQU	EST			
Project Manager:	Debia S. Smith				P.C), #/								[
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city: Millo		Zip	· 7	19701	Att	n:						١.	ļ]				- [
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[†] Cardinal cannot accept verbal changes. Please fax written changes to 675-393-2476.

Analytical Report 309015

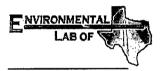
for

Big D Equipment

Project Manager: Nick Tomlin

South of MCA Unit #391 2630 FSL & 662 FEL

06-AUG-08



12600 West I-20 East Odessa, Texas 79765

Texas certification numbers: Houston, TX T104704215

Florida certification numbers:
Houston, TX E871002 - Miami, FL E86678 - Tampa, FL E86675
Norcross(Atlanta), GA E87429

South Carolina certification numbers: Norcross(Atlanta), GA 98015

North Carolina certification numbers: Norcross(Atlanta), GA 483

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06-AUG-08

Project Manager: Nick Tomlin

Big D Equipment 4501 East Highway 80 Midland, TX 79708

Reference: XENCO Report No: 309015

South of MCA Unit #391

Project Address: Unit H, SEC, 25-T175-R32E

Nick Tomlin:

We are reporting to you the results of the analyses performed on the samples received under the project name referenced above and identified with the XENCO Report Number 309015. All results being reported under this Report Number apply to the samples analyzed and properly identified with a Laboratory ID number. Subcontracted analyses are identified in this report with either the NELAC certification number of the subcontract lab in the analyst ID field, or the complete subcontracted report attached to this report.

Unless otherwise noted in a Case Narrative, all data reported in this Analytical Report are in compliance with NELAC standards. Estimation of data uncertainty for this report is found in the quality control section of this report unless otherwise noted. Should insufficient sample be provided to the laboratory to meet the method and NELAC Matrix Duplicate and Matrix Spike requirements, then the data will be analyzed, evaluated and reported using all other available quality control measures.

The validity and integrity of this report will remain intact as long as it is accompanied by this letter and reproduced in full, unless written approval is granted by XENCO Laboratories. This report will be filed for at least 5 years in our archives after which time it will be destroyed without further notice, unless otherwise arranged with you. The samples received, and described as recorded in Report No. 309015 will be filed for 60 days, and after that time they will be properly disposed without further notice, unless otherwise arranged with you. We reserve the right to return to you any unused samples, extracts or solutions related to them if we consider so necessary (e.g., samples identified as hazardous waste, sample sizes exceeding analytical standard practices, controlled substances under regulated protocols, etc).

We thank you for selecting XENCO Laboratories to serve your analytical needs. If you have any questions concerning this report, please feel free to contact us at any time.

Respectfully,

Brent Barron, II

Odessa Laboratory Manager

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Sample Cross Reference 309015



Big D Equipment, Midland, TX

South of MCA Unit #391

Sample Id	Matrix	Date Collected	Sample Depth	Lab Sample Id
2 inches/73008-1-1	S	Jul-30-08 11:40		309015-001
73008-2-1	S	Jul-30-08 11:52		309015-002
73008-3-1	S	Jul-30-08 12:05		309015-003
73008-4-1	S	Jul-30-08 12:12		309015-004
73008-5-1	S	Jul-30-08 12:22		309015-005
73008-6-1	S	Jul-30-08 12:36		309015-006
73008-7-1	S	Jul-30-08 12:45		309015-007



Certificate of Analysis Summary 309015

Big D Equipment, Midland, TX

Project Name: South of MCA Unit #391

Project Id: 2630 FSL & 662 FEL Contact: Nick Tomlin

Project Location: Unit H, SEC, 25-T175-R32E

Date Received in Lab: Thu Jul-31-08 08:42 am

Report Date: 06-AUG-08

			_					Project Mai	rager:	Brent Barron,	11		
	Lab Id:	309015-0	01	309015-0	002	309015-0	03	309015-0	04	309015-0	005	309015-00	06
Analysis Degreeted	Field Id:	2 inches/7300	08-1-1	73008-2	-1	73008-3	-1	73008-4-	-1	73008-5	-1	73008-6-	1
Analysis Requested	Depth:												
	Matrix:	SLUDG	E	SLUDG	E	SLUDG	E	SLUDG	Ē	SLUDO	E	SLUDGI	Ε
	Sampled:	Jul-30-08 1	1.40	Jul-30-08 1	1:52	Jul-30-08 1	2:05	Jul-30-08 1	2:12	Jul-30-08	2:22	Jul-30-08 12	2:36
Inorganic Anions by EPA 300	Extracted:												
inorganio raniona aj marri ao	Analyzed:	Jul-31-08 1	4:31	Jul-31-08 1	4.31	Jul-31-08 1	4:31	Jul-31-08 1	4:31	Jul-31-08	4:31	Jul-31-08 14	4:31
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Chloride		70800	617	101000	1240	74300	634	75200	644	166000	11900	74800	588
Percent Moisture	Extracted:												
7 07 00000	Analyzed:	Jul-31-08 1	7:00	Jul-31-08 1	7:00	Jul-31-08 1	7:00	Jul-31-08 1	7:00	Jul-31-08	7:00	Jul-31-08 17	7:00
_	Units/RL:	%	RL	%	RL	%	RL	%	RL	%	RL	%	RL
Percent Moisture		19		19.3		21 1		22.3		15.9		15	
TPH by SW8015 Mod	Extracted:	Aug-04-08	16·05	Aug-04-08	16:05	Aug-04-08	16.05	Aug-04-08	16·05	Aug-04-08	16.05	Aug-04-08 1	6.05
111109 5 110015 11100	Analyzed:	Aug-05-08	14-29	Aug-05-08	14:56	Aug-05-08	15:23	Aug-05-08	15:49	Aug-05-08	16·16	Aug-05-08 1	6:43
_	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	· RL	mg/kg	RL	mg/kg	RL
C6-C12 Gasoline Range Hydrocarbons		183	18.5	30 0	18.6	131	19.0	62.5	19.3	50.9	17.8	80 1	17.6
C12-C28 Diesel Range Hydrocarbons		218	18.5	249	18.6	346	190	81 8	19.3	116	17.8	73.0	17.6
C28-C35 Oil Range Hydrocarbons		42.4	18.5	ND	18.6	56.7	19.0	ND	19.3	ND	17.8	ND	17.6
Total TPH		443.4		279		533.7		144 3		166 9		153.1	

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Brent Barron
Odessa Laboratory Director

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Certificate of Analysis Summary 309015

Big D Equipment, Midland, TX

Project Name: South of MCA Unit #391

Contact: Nick Tomlin

Project Location: Unit H, SEC, 25-T175-R32E

Project Id: 2630 FSL & 662 FEL

Date Received in Lab: Thu Jul-31-08 08.42 am

Report Date: 06-AUG-08
Project Manager: Brent Barron, II

				rioject Manager.	Divini Bullon, II	
	Lab Id:	309015-00)7			
Analysis Requested	Field Id:	73008-7-	1			
Analysis Requesieu	Depth:					
	Matrix:	SLUDGE	3			
	Sampled:	Jul-30-08 12	2:45			
Inorganic Anions by EPA 300	Extracted:					
g	Analyzed:	Jul-31-08 14	4 ·31			
<u></u>	Units/RL:	mg/kg	RL			
Chloride		68500	632			
Percent Moisture	Extracted:					
	Analyzed:	Jul-31-08 1	7:00			
	Units/RL:	%	RL			
Percent Moisture		20.9				
TPH by SW8015 Mod	Extracted:	Aug-04-08 1	6:05			
	Analyzed:	Aug-05-08 1	7.10			,
	Units/RL:	mg/kg	RL			
C6-C12 Gasoline Range Hydrocarbons		45 1	19.0			
C12-C28 Diesel Range Hydrocarbons		314	19.0			
C28-C35 Oil Range Hydrocarbons		56.0	19.0			
Total TPH		415 1				

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Brent Barron
Odessa Laboratory Director

XENCO Laboratories

Flagging Criteria

- X In our quality control review of the data a QC deficiency was observed and flagged as noted. MS/MSD recoveries were found to be outside of the laboratory control limits due to possible matrix /chemical interference, or a concentration of target analyte high enough to effect the recovery of the spike concentration. This condition could also effect the relative percent difference in the MS/MSD.
- **B** A target analyte or common laboratory contaminant was identified in the method blank. Its presence indicates possible field or laboratory contamination.
- **D** The sample(s) were diluted due to targets detected over the highest point of the calibration curve, or due to matrix interference. Dilution factors are included in the final results. The result is from a diluted sample.
- E The data exceeds the upper calibration limit; therefore, the concentration is reported as estimated.
- F RPD exceeded lab control limits.
- J The target analyte was positively identified below the MQL(PQL) and above the SQL(MDL).
- U Analyte was not detected.
- L The LCS data for this analytical batch was reported below the laboratory control limits for this analyte. The department supervisor and QA Director reviewed data. The samples were either reanalyzed or flagged as estimated concentrations.
- H The LCS data for this analytical batch was reported above the laboratory control limits. Supporting QC Data were reviewed by the Department Supervisor and QA Director. Data were determined to be valid for reporting.
- K Sample analyzed outside of recommended hold time.
- * Outside XENCO'S scope of NELAC Accreditation

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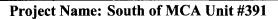
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5332 Blackberry Drive, Suite 104, San Antonio, TX 78238	(210) 509-3334	(210) 509-3335
2505 N. Falkenburg Rd., Tampa, FL 33619	(813) 620-2000	(813) 620-2033
5757 NW 158th St, Miami Lakes, FL 33014	(305) 823-8500	(305) 823-8555
6017 Financial Dr., Norcross, GA 30071	(770) 449-8800	(770) 449-5477



Form 2 - Surrogate Recoveries





Work Order #: 309015

Project ID: 2630 FSL & 662 FEL

Lab Batch #: 730171

Sample: 309015-001 / SMP

Batch: 1 Matrix: Sludge

Units: mg/kg	SURROGATE RECOVERY STUDY						
TPH by SW8015 Mod Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags		
1-Chlorooctane	103	100	103	70-135			
o-Terphenyl	54.1	50.0	108	70-135			

Lab Batch #: 730171

Sample: 309015-002 / SMP

Batch: 1 M

Matrix: Sludge

Units: mg/kg	SURROGATE RECOVERY STUDY						
TPH by SW8015 Mod	Amount Found [A]	True Amount [B]	Recovery %R	Control Limits %R	Flags		
Analytes			[D]				
1-Chlorooctane	111	100	111	70-135			
o-Terphenyl	58.0	50.0	116	70-135			

Lab Batch #: 730171

Sample: 309015-003 / SMP

Batch: 1

Matrix: Sludge

Units: mg/kg	SURROGATE RECOVERY STUDY						
TPH by SW8015 Mod	Amount Found JAJ	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags		
Analytes	1		[10]	<u>[</u>	}		
1-Chlorooctane	105	100	105	70-135			
o-Terphenyl	55.0	50.0	110	70-135			

Lab Batch #: 730171

Sample: 309015-004 / SMP

Batch: 1

Matrix: Sludge

Units: mg/kg	SURROGATE RECOVERY STUDY						
TPH by SW8015 Mod	Amount Found [A]	True Amount [B]	Recovery %R	Control Limits %R	Flags		
Analytes			[D]				
1-Chlorooctane	103	100	103	70-135			
o-Terphenyl	54.1	50.0	108	70-135			

Lab Batch #: 730171

Sample: 309015-005 / SMP

Batch: 1

Matrix: Sludge

Units: mg/kg	SU	SURROGATE RECOVERY STUDY						
TPH by SW8015 Mod Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags			
1-Chlorooctane	102	100	102	70-135				
o-Terphenyl	53.7	50.0	107	70-135				

^{**} Surrogates outside limits; data and surrogates confirmed by reanalysis

Surrogate Recovery [D] = 100 * A / B

All results are based on MDL and validated for QC purposes.

^{***} Poor recoveries due to dilution



Form 2 - Surrogate Recoveries





Work Order #: 309015

Lab Batch #: 730171

Sample: 309015-006 / SMP

Project ID: 2630 FSL & 662 FEL

Batch:

Matrix: Sludge

Units: mg/kg	SURROGATE RECOVERY STUDY						
TPH by SW8015 Mod	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags		
Analytes 1-Chlorooctane	103	100	103	70-135			
o-Terphenyl	54.2	50.0	108	70-135			

Lab Batch #: 730171

Sample: 309015-007 / SMP

Batch:

Matrix: Sludge

Units: mg/kg	SURROGATE RECOVERY STUDY						
TPH by SW8015 Mod	Amount Found [A]	True Amount [B]	Recovery %R	Control Limits %R	Flags		
Analytes			[D]				
1-Chlorooctane	104	100	104	70-135			
o-Terphenyl	54.3	50.0	109	70-135			

Lab Batch #: 730171

Sample: 513394-1-BKS / BKS

Batch: 1

Matrix: Solid

Units: mg/kg	SURROGATE RECOVERY STUDY						
TPH by SW8015 Mod	Amount Found [A]	True Amount [B]	Recovery %R	Control Limits %R	Flags		
Analytes			[D]				
1-Chlorooctane	115	100	115	70-135			
o-Terphenyl	59.3	50.0	119	70-135			

Lab Batch #: 730171

Sample: 513394-1-BLK / BLK

Batch: 1

Matrix: Solid

Units: mg/kg	SURROGATE RECOVERY STUDY							
TPH by SW8015 Mod	Amount Found [A]	True Amount [B]	Recovery %R	Control Limits %R	Flags			
Analytes			[D]					
1-Chlorooctane	113	100	113	70-135				
o-Terphenyl	58.5	50.0	117	70-135				

Lab Batch #: 730171

Sample: 513394-1-BSD / BSD

Batch: 1

Matrix: Solid

Units: mg/kg	SURROGATE RECOVERY STUDY							
TPH by SW8015 Mod Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags			
1-Chlorooctane	119	100	119	70-135				
o-Terphenyl	60.4	50.0	121	70-135				

^{**} Surrogates outside limits; data and surrogates confirmed by reanalysis

Surrogate Recovery [D] = 100 * A / B

All results are based on MDL and validated for QC purposes.

^{***} Poor recoveries due to dilution



Blank Spike Recovery



Project Name: South of MCA Unit #391

Work Order #: 309015

Project ID:

2630 FSL & 662 FEL

Lab Batch #: 729794

Sample: 729794-1-BKS

Matrix: Solid

Date Analyzed: 07/31/2008

Date Prepared: 07/31/2008

Analyst: LATCOR

Reporting Units: mg/kg	Batch #: 1 BLANK /BLANK SPIKE RECOVERY					STUDY
Inorganic Anions by EPA 300	Blank Result [A]	Spike Added [B]	Blank Spike Result	Blank Spike %R	Control Limits %R	Flags
Analytes	[A]	[2]	[C]	[D]	/0K	
Chloride	ND	11.9	13.8	116	75-125	

Blank Spike Recovery [D] = 100*[C]/[B]
All results are based on MDL and validated for QC purposes.



BS / BSD Recoveries



Project Name: South of MCA Unit #391

Work Order #: 309015

Analyst: ASA

Date Prepared: 08/04/2008

Project ID: 2630 FSL & 662 FEL

Date Analyzed: 08/05/2008

Lab Batch ID: 730171

Sample: 513394-1-BKS

Batch #: 1

Matrix: Solid

Units: mg/kg	BLANK /BLANK SPIKE / BLANK SPIKE DUPLICATE RECOVERY STUDY										
TPH by SW8015 Mod Analytes	Blank Sample Result [A]	Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Spike Added [E]	Blank Spike Duplicate Result [F]	Blk. Spk Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
C6-C12 Gasoline Range Hydrocarbons	ND	1000	859	86	1000	869	87		70-135	35	
C12-C28 Diesel Range Hydrocarbons				90	1000	875	88		70-135	35	
C12-C20 Diesei Range Hydrocarbons	ND	1000	902	90	1000	6/3	88	3	/0-133	33	

Relative Percent Difference RPD = 200*|(D-F)/(D+F)|
Blank Spike Recovery [D] = 100*(C)/[B]
Blank Spike Duplicate Recovery [G] = 100*(F)/[E]
All results are based on MDL and Validated for QC Purposes



Form 3 - MS Recoveries

Project Name: South of MCA Unit #391



Work Order #: 309015

Lab Batch #: 729794

Project ID: 2630 FSL & 662 FEL

Date Analyzed: 07/31/2008 QC-Sample ID: 308941-001 S **Date Prepared:** 07/31/2008

Analyst: LATCOR

Batch #:

1

Matrix: Soil

Reporting Units: mg/kg	MATRIX / MATRIX SPIKE RECOVERY STUDY							
Inorganic Anions by EPA 300 Analytes	Parent Sample Result [A]	Spike Added [B]	Spiked Sample Result [C]	%R [D]	Control Limits %R	Flag		
Allarytes					<u> </u>			
Chloride	319 *	238	597	117	75-125			

Matrix Spike Percent Recovery [D] = 100*(C-A)/BRelative Percent Difference [E] = 200*(C-A)/(C+B)All Results are based on MDL and Validated for QC Purposes



Sample Duplicate Recovery



Project Name: South of MCA Unit #391

Work Order #: 309015

Lab Batch #: 729794

Project ID: 2630 FSL & 662 FEL

Date Analyzed: 07/31/2008

Date Prepared: 07/31/2008

Analyst: LATCOR

OC-Sample ID: 308941-001 D

Batch #:

1

Matrix: Soil

Reporting Units: mg/kg	SAMPLE	SAMPLE / SAMPLE DUPLICATE RECOVERY						
Inorganic Anions by EPA 300	Parent Sample Result [A]	Sample Duplicate Result	RPD	Control Limits %RPD	Flag			
Analyte		[B]			r			
Chloride	319	316	1	20				

Lab Batch #: 729661

Date Analyzed: 07/31/2008

Date Prepared: 07/31/2008

Analyst: JLG

QC- Sample ID: 309015-001 D

Batch #:

Matrix: Sludge

Reporting Units: %

SAMPLE/SAMPLE DUPLICATE RECOVERY

Reporting Units. 70 SAIVILLE DOI EICATE					
Percent Moisture	Parent Sample Result [A]	Sample Duplicate Result	RPD	Control Limits %RPD	Flag
Analyte		[B]			
Percent Moisture	19.0	18.7	2	20	

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Environmental Lab of Texas

Variance/ Corrective Action Report- Sample Log-In

Chent	Bis D Equipemnt
Date/ Time	7/3/08 8.42
Lab ID#	309015
Initials	JĠ
	Sample Receipt Checklist

Sample Receipt Checklist

					lient init
†1	Temperature of container/ cooler?	(Yes	No	0 .c	
12	Shipping container in good condition?	(Yes)	No		
‡ 3	Custody Seals intact on shipping container/ cooler? 56 13	WK Yes	(\$TG)	Not Present	
4	Custody Seals intact on sample bottles/ container?	(Yes)	No	Not Present	
¥5	Cham of Custody present?	(Ze)s	No		
# 6	Sample instructions complete of Chain of Custody?	(Ve)	No		
# 7	Chain of Custody signed when relinquished/ received?	®	No		
#8	Chain of Custody agrees with sample label(s)?	Yes	No	ID written on Cont./ Lid	
#9	Container (abel(s) legible and intact?	Yes	No	Not Applicable	
#10	Sample matrix/ properties agree with Chain of Custody?	(Ces)	No		
#11	Containers supplied by ELOT?	(C)	No		
#12	Samples in proper container/ bottle?	(Ces)	No	See Below	
#13	Samples properly preserved?	(Yes)	No	See Below	
#14	Sample bottles intact?	(Yes)	No		
#15	Preservations documented on Chain of Custody?	Yes	No		
#16	Containers documented on Chain of Custody?	(Yes)	No		
#17	Sufficient sample amount for indicated test(s)?	(Yes)	No	See Below	
#18		(Yes)	No	See Below	
#19	Subcontract of sample(s)?	Yes	No	(Not Applicable)	
#20	VOC samples have zero headspace?	Yes	No	Not Applicable	

Variance Documentation

Contact	 Contacted by	Date/ Time.
Regarding		
Corrective Action Taken.		
Check all that Apply	See attached e-mail/ fax Client understands and would like to proceed with an Cooling process had begun shortly after sampling ev	•

Analytical Report 309017

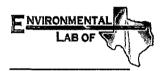
for

Big D Equipment

Project Manager: Nick Tomlin

South of MCA Unit #391 2630 FSL & 662 FEL

06-AUG-08



12600 West I-20 East Odessa, Texas 79765

Texas certification numbers: Houston, TX T104704215

Florida certification numbers:
Houston, TX E871002 - Miami, FL E86678 - Tampa, FL E86675
Norcross(Atlanta), GA E87429

South Carolina certification numbers: Norcross(Atlanta), GA 98015

North Carolina certification numbers: Norcross(Atlanta), GA 483

Houston - Dallas - San Antonio - Austin - Tampa - Miami - Latin America Midland - Corpus Christi - Atlanta





06-AUG-08

Project Manager: Nick Tomlin

Big D Equipment 4501 East Highway 80 Midland, TX 79708

Reference: XENCO Report No: 309017 South of MCA Unit #391

Project Address: Unit H, SEC, 25-T175-R32E

Nick Tomlin:

We are reporting to you the results of the analyses performed on the samples received under the project name referenced above and identified with the XENCO Report Number 309017. All results being reported under this Report Number apply to the samples analyzed and properly identified with a Laboratory ID number. Subcontracted analyses are identified in this report with either the NELAC certification number of the subcontract lab in the analyst ID field, or the complete subcontracted report attached to this report.

Unless otherwise noted in a Case Narrative, all data reported in this Analytical Report are in compliance with NELAC standards. Estimation of data uncertainty for this report is found in the quality control section of this report unless otherwise noted. Should insufficient sample be provided to the laboratory to meet the method and NELAC Matrix Duplicate and Matrix Spike requirements, then the data will be analyzed, evaluated and reported using all other available quality control measures.

The validity and integrity of this report will remain intact as long as it is accompanied by this letter and reproduced in full, unless written approval is granted by XENCO Laboratories. This report will be filed for at least 5 years in our archives after which time it will be destroyed without further notice, unless otherwise arranged with you. The samples received, and described as recorded in Report No. 309017 will be filed for 60 days, and after that time they will be properly disposed without further notice, unless otherwise arranged with you. We reserve the right to return to you any unused samples, extracts or solutions related to them if we consider so necessary (e.g., samples identified as hazardous waste, sample sizes exceeding analytical standard practices, controlled substances under regulated protocols, etc).

We thank you for selecting XENCO Laboratories to serve your analytical needs. If you have any questions concerning this report, please feel free to contact us at any time.

Respectfully,

Brent Barron, II

Odessa Laboratory Manager

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Sample Cross Reference 309017



Big D Equipment, Midland, TX

South of MCA Unit #391

Sample Id	Matrix	Date Collected	Sample Depth	Lab Sample Id
4 inches/73008-1-1	S	Jul-30-08 13:05		309017-001
73008-2-1	S	Jul-30-08 13:18		309017-002
73008-3-1	S	Jul-30-08 13:26		309017-003
73008-4-1	S	Jul-30-08 13:34		309017-004
73008-5-1	S	Jul-30-08 13:48		309017-005



Certificate of Analysis Summary 309017

Big D Equipment, Midland, TX

Project Id: 2630 FSL & 662 FEL

Project Name: South of MCA Unit #391

Contact: Nick Tomlin

Project Location: Unit H, SEC, 25-T175-R32E

Date Received in Lab: Thu Jul-31-08 08.42 am
Report Date: 06-AUG-08

Project Manager: Brent Barron, II

								Froject Mai	inger.	Bient Barron,		
	Lab Id:	309017-0	01	309017-0	02	309017-0	03	309017-0	04	309017-0	05	
Analysis Requested	Field Id:	4 inches/730	4 inches/73008-1-1		-1	73008-3-1		73008-4-1		73008-5-1		
Analysis Requested	Depth:											
	Matrix:	SLUDG	E	SLUDG	E	SLUDG	E	SLUDG	E	SLUDG	E	
	Sampled:	Jul-30-08 1	3:05	Jul-30-08 1	3:18	Jul-30-08 1	3:26	Jul-30-08 1	3:34	Jul-30-08 1	3:48	
Inorganic Anions by EPA 300	Extracted:											
	Analyzed:	Jul-31-08 1	4:31	Jul-31-08 1	4:31	Jul-31-08 1	4:31	Jul-31-08 1	4:31	Jul-31-08 1	4:31	1
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	
Chloride		15700	215	41000	604	46100	577	57300	579	38400	581	
Percent Moisture	Extracted:											ı
	Analyzed:	Jul-31-08 17:00		8 17:00 Jul-31-08 17:00		Jul-31-08 17:00 Jul-31-08 17:00		7:00	Jul-31-08 17:00	7:00	i	
	Units/RL:	%	RL	%	RL	%	RL	%	RL	%	RL	•
Percent Moisture		7.1		17.2		13.4		13.6		14		
TPH by SW8015 Mod	Extracted:	Aug-04-08	16:05	Aug-04-08	16:05	Aug-04-08 1	16.05	Aug-04-08	16:05	Aug-04-08	16:05	1
	Analyzed:	Aug-05-08	18:03	Aug-05-08	18:29	Aug-05-08	18:56	Aug-05-08 19·22		Aug-05-08	19:49	ı
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	
C6-C12 Gasoline Range Hydrocarbons		22.7	161	29 8	181	32.6	17.3	30 7	17.4	ND	17.4	1
C12-C28 Diesel Range Hydrocarbons		88.1	16.1	316	18.1	134	17.3	256	17.4	23.7	17.4	
C28-C35 Oil Range Hydrocarbons		ND	16.1	35.5	18.1	ND	17.3	28.3	17.4	ND	17.4	
Total TPH		110.8		381.3		166.6		315		23.7		

This analytical report, and the entire data package it represents, has been made for your exclusive and confidential use. The interpretations and results expressed throughout this analytical report represent the best judgment of XENCO Laboratories XENCO Laboratories assumes no responsibility and makes no warranty to the end use of the data hereby presented. Our liability is limited to the amount invoiced for this work order unless otherwise agreed to in writing.

Since 1990 Houston - Dallas - San Antonio - Austin - Tampa - Miami - Latin America - Atlanta - Corpus Christi

Brent Barron
Odessa Laboratory Director

XENCO Laboratories

Flagging Criteria

- X In our quality control review of the data a QC deficiency was observed and flagged as noted. MS/MSD recoveries were found to be outside of the laboratory control limits due to possible matrix /chemical interference, or a concentration of target analyte high enough to effect the recovery of the spike concentration. This condition could also effect the relative percent difference in the MS/MSD.
- **B** A target analyte or common laboratory contaminant was identified in the method blank. Its presence indicates possible field or laboratory contamination.
- **D** The sample(s) were diluted due to targets detected over the highest point of the calibration curve, or due to matrix interference. Dilution factors are included in the final results. The result is from a diluted sample.
- E The data exceeds the upper calibration limit; therefore, the concentration is reported as estimated.
- F RPD exceeded lab control limits.
- J The target analyte was positively identified below the MQL(PQL) and above the SQL(MDL).
- U Analyte was not detected.
- L The LCS data for this analytical batch was reported below the laboratory control limits for this analyte.

 The department supervisor and QA Director reviewed data. The samples were either reanalyzed or flagged as estimated concentrations.
- H The LCS data for this analytical batch was reported above the laboratory control limits. Supporting QC Data were reviewed by the Department Supervisor and QA Director. Data were determined to be valid for reporting.
- K Sample analyzed outside of recommended hold time.
- * Outside XENCO'S scope of NELAC Accreditation

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11381 Meadowglen Lane Suite L Houston, Tx 77082-2647	(281) 589-0692	(281) 589-0695
9701 Harry Hines Blvd , Dallas, TX 75220	(214) 902 0300	(214) 351-9139
5332 Blackberry Drive, Suite 104, San Antonio, TX 78238	(210) 509-3334	(210) 509-3335
2505 N. Falkenburg Rd., Tampa, FL 33619	(813) 620-2000	(813) 620-2033
5757 NW 158th St, Miami Lakes, FL 33014	(305) 823-8500	(305) 823-8555
6017 Financial Dr., Norcross, GA 30071	(770) 449-8800	(770) 449-5477



Form 2 - Surrogate Recoveries

Project Name: South of MCA Unit #391



Work Order #: 309017

Project ID: 2630 FSL & 662 FEL

Lab Batch #: 730171

Sample: 309017-001 / SMP

Batch:

Matrix: Sludge

Units: mg/kg	SURROGATE RECOVERY STUDY									
TPH by SW8015 Mod	Amount Found [A]	True Amount [B]	Recovery %R	Control Limits %R	Flags					
Analytes			[D]							
1-Chlorooctane	105	100	105	70-135						
o-Terphenyl	54.8	50.0	110	70-135						

Lab Batch #: 730171

Sample: 309017-002 / SMP

Batch: 1

Matrix: Sludge

Units: mg/kg	SU	SURROGATE RECOVERY STUDY									
TPH by SW8015 Mod	Amount Found [A]	True Amount [B]	Recovery %R	Control Limits %R	Flags						
Analytes			[D]								
1-Chlorooctane	101	100	101	70-135							
o-Terphenyl	53.3	50.0	107	70-135							

Lab Batch #: 730171

Sample: 309017-003 / SMP

Batch: 1

Matrix: Sludge

Units: mg/kg	SU	SURROGATE RECOVERY STUDY									
TPH by SW8015 Mod	Amount Found [A]	True Amount [B]	Recovery %R	Control Limits %R	Flags						
Analytes			[D]								
1-Chlorooctane	103	100	103	70-135							
o-Terphenyl	53.7	50.0	107	70-135							

Lab Batch #: 730171

Sample: 309017-004 / SMP

Batch: 1

Matrix: Sludge

Units: mg/kg	SURROGATE RECOVERY STUDY								
TPH by SW8015 Mod	Amount Found [A]	True Amount [B]	Recovery %R	Control Limits %R	Flags				
Analytes			[D]						
1-Chlorooctane	103	100	103	70-135					
o-Terphenyl	54.6	50.0	109	70-135					

Lab Batch #: 730171

Sample: 309017-005 / SMP

Batch: 1

Matrix: Sludge

Units: mg/kg	SURROGATE RECOVERY STUDY										
TPH by SW8015 Mod	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags						
Analytes			[D]								
1-Chlorooctane	102	100	102	70-135							
o-Terphenyl	53.7	50.0	107	70-135							

^{**} Surrogates outside limits; data and surrogates confirmed by reanalysis

Surrogate Recovery [D] = 100 * A / B

All results are based on MDL and validated for QC purposes.

^{***} Poor recoveries due to dilution



Form 2 - Surrogate Recoveries





Work Order #: 309017

Project ID: 2630 FSL & 662 FEL

Lab Batch #: 730171

Sample: 513394-1-BKS / BKS

Batch:

Matrix: Solid

Units: mg/kg	SURROGATE RECOVERY STUDY										
TPH by SW8015 Mod	Amount Found [A]	True Amount [B]	Recovery %R	Control Limits %R	Flags						
Analytes			[D]								
1-Chlorooctane	115 ,	100	115	70-135							
o-Terphenyl	59.3	50.0	119	70-135							

Lab Batch #: 730171

Sample: 513394-1-BLK / BLK

Batch: 1

Matrix: Solid

Units: mg/kg	SU	SURROGATE RECOVERY STUDY										
TPH by SW8015 Mod	Amount Found [A]	True Amount [B]	Recovery %R	Control Limits %R	Flags							
Analytes			[D]									
1-Chlorooctane	113	100	113	70-135								
o-Terphenyl	58.5	50.0	117	70-135								

Lab Batch #: 730171

Sample: 513394-1-BSD / BSD

Batch: 1

Matrix: Solid

Units: mg/kg	SURROGATE RECOVERY STUDY									
TPH by SW8015 Mod Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags					
1-Chlorooctane	119	100	119	70-135						
o-Terphenyl	60.4	50.0	121	70-135						

All results are based on MDL and validated for QC purposes.

^{**} Surrogates outside limits; data and surrogates confirmed by reanalysis

^{***} Poor recoveries due to dilution Surrogate Recovery [D] = 100 * A / B



Blank Spike Recovery



Project Name: South of MCA Unit #391

Work Order #: 309017

Project ID:

2630 FSL & 662 FEL

Lab Batch #: 729794

Sample: 729794-1-BKS

Matrix: Solid

Date Analyzed: 07/31/2008

Date Prepared: 07/31/2008

Analyst: LATCOR

Reporting Units: mg/kg	Batch #: 1	BLANK/BLANK SPIKE RECOVERY STUDY									
Inorganic Anions by EPA 300	Blank Result	Spike Added	Blank Spike	Blank Spike %R	Control Limits %R	Flags					
Analytes	[A]	[B]	Result [C]	%K [D]	70K						
Chloride	ND	11.9	13.8	116	75-125						

Blank Spike Recovery [D] = 100*[C]/[B]

All results are based on MDL and validated for QC purposes.



BS / BSD Recoveries



Project Name: South of MCA Unit #391

Work Order #: 309017 Analyst: ASA

Lab Batch ID: 730171

Date Prepared: 08/04/2008

Project ID: 2630 FSL & 662 FEL

Date Analyzed: 08/05/2008

Sample: 513394-1-BKS Batch #: 1 Matrix: Solid

Units: mg/kg		BLANK /BLANK SPIKE / BLANK SPIKE DUPLICATE RECOVERY STUDY										
TPH by SW8015 Mod	Blank Sample Result [A]	Spike Added	Blank Spike Result	Blank Spike %R	Spike Added	Blank Spike Duplicate	Blk. Spk Dup. %R	RPD %	Control Limits %R	Control Limits %RPD	Flag	
Analytes		[B]	[C]	[D]	[E]	Result [F]	[G]					
C6-C12 Gasoline Range Hydrocarbons	ND	1000	859	86	1000	869	87	1	70-135	35		
C12-C28 Diesel Range Hydrocarbons	ND	1000	902	90	1000	875	88	3	70-135	35		

Relative Percent Difference RPD = 200*|(D-F)/(D+F)|
Blank Spike Recovery [D] = 100*(C)/[B]
Blank Spike Duplicate Recovery [G] = 100*(F)/[E]
All results are based on MDL and Validated for QC Purposes



Form 3 - MS Recoveries

Project Name: South of MCA Unit #391



Work Order #: 309017

Lab Batch #: 729794 **Date Analyzed:** 07/31/2008

QC- Sample ID: 308941-001 S

Note Press

Project ID: 2630 FSL & 662 FEL

Date Prepared: 07/31/2008

Analyst: LATCOR

Batch #:

Matrix: Soil

MATRIX / MATRIX SPIKE RECOVERY STUDY								
Parent Sample Result	Spike Added	Spiked Sample Result [C]	%R [D]	Control Limits %R	Flag			
[* ~]	[10]							
319	238	597	117	75-125				
	Parent Sample Result [A]	Parent Sample Spike Result Added [A] [B]	Parent Sample Result Added [A] Spiked Sample Result [C]	Parent Sample Result [A] Spike Sample Result [C] [D]	Parent Sample Result [A] Spike Result [A] Spiked Sample Result Result [C] Spiked Sample Result Result [C] Spiked Sample Result Result [C] Spiked Sample Result Result [D] %R			

$$\label{eq:matrix_pike_process} \begin{split} \text{Matrix Spike Percent Recovery } & [D] = 100^*(C\text{-A})/B \\ \text{Relative Percent Difference } & [E] = 200^*(C\text{-A})/(C\text{+B}) \\ \text{All Results are based on MDL and Validated for QC Purposes} \end{split}$$



Sample Duplicate Recovery



Project Name: South of MCA Unit #391

Work Order #: 309017

Lab Batch #: 729794 **Date Analyzed:** 07/31/2008

Project ID: 2630 FSL & 662 FEL

Date Prepared: 07/31/2008 Analyst: LATCOR

QC-Sample ID: 308941-001 D Batch #: 1 Matrix: Soil

Reporting Units: mg/kg	SAMPLE /	SAMPLE / SAMPLE DUPLICATE RECOVER								
Inorganic Anions by EPA 300 Analyte	Parent Sample Result [A]	Sample Duplicate Result [B]	RPD	Control Limits %RPD	Flag					
Chloride	319	316	1	20						

 Lab Batch #: 729661

 Date Analyzed: 07/31/2008
 Date Prepared: 07/31/2008
 Analyst: JLG

 QC- Sample ID: 309015-001 D
 Batch #: 1
 Matrix: Sludge

Reporting Units: % SAMPLE / SAMPLE DUPLICATE RECOVERY **Percent Moisture** Parent Sample Sample Control Duplicate RPD Limits Result Flag %RPD Result [A] **[B]** Analyte 19.0 18.7 Percent Moisture 2 20

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Project Manager								600 W lessa,	est I-	20 Ea:	st	,,,,,,	Y RE		тно	_	Phone	e 432		1800		
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Environmental Lab of Texas

Variance/ Corrective Action Report- Sample Log-In

Client	Big D Equipemnt	
Date/ Time	7/31/08 8 4 Z	
Lab ID#	309017	
Initials	J6	
	Sample Receipt Checklist	

	ample Receipt	Alloakust			
				Client	t initials
#1	Temperature of container/ cooler?	Yes	No	0 °C	
#2	Shipping container in good condition?	Yes	No		
#3	Custody Seals intact on shipping container/ cooler?	Yes	No	Not Present	
#4	Custody Seals intact on sample bottles/ container?	(Yes)	No	Not Present	
#5	Chain of Custody present?	(Yes	No		
#6	Sample instructions complete of Chain of Custody?	(Yes	No		
#7	Chain of Custody signed when relinquished/ received?	(Yes)	No		
#8	Chain of Custody agrees with sample label(s)?	(Yes)	No	ID written on Cont / Lid	
#9	Container label(s) legible and intact?	(Yes,	No	Not Applicable	
#10	Sample matrix/ properties agree with Chain of Custody?	₹ es	No		
#11	Containers supplied by ELOT?	(a)	No		
#12	Samples in proper container/ bottle?	X es	No	See Below	
#13	Samples properly preserved?	(C)(S)	No	See Below	
#14	Sample bottles intact?	(Yes	No		
#15	Preservations documented on Chain of Custody?	(es)	No		
#16	Containers documented on Chain of Custody?	(es)	No		
#17	Sufficient sample amount for indicated test(s)?	(Sex)	No	See Below	
#18	All samples received within sufficient hold time?	(e)	No	See Below -	***************************************
#15	Subcontract of sample(s)?	Yes	No	(Not Applicable	
#20	VOC samples have zero headspace?	(Yes)	No	Not Applicable	

Variance Documentation

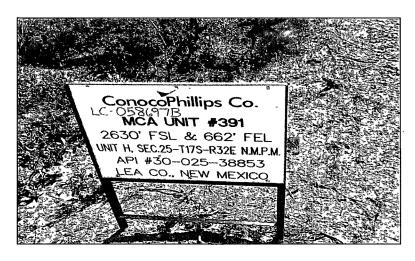
Contact			Contacted by.	Date/ Time
Regarding _		,		
Corrective Action	on Taken.			
Check all that A	\ppiy		see attached e-mail/ fax Elent understands and would like to proceed with and cooling process had begun shortly after sampling eve	

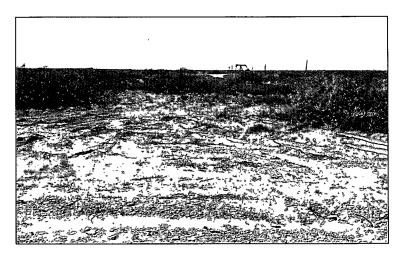
Daily Activity and Trucking Summary

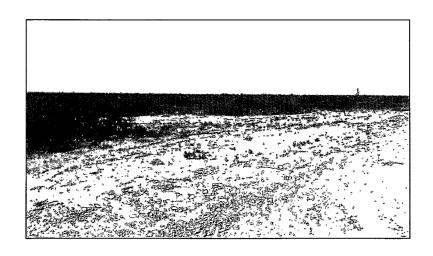
ConocoPhillips Location: MCA Well #391

		Trucking Co.	CRI
Date	Daily Description of Work Performed	Loads Hauled	Loads Recvd
8/12/2008	Safety training - one hour.		
	Hauled 8 loads of contaminated soil to CRI. Took samples from backfill soil. Used a		01 1 540 1
	loader to dig up the contaminated soil.	3	9 loads of 12 yd. = 108 yds
	Equipment: 2 dump trucks earlier in the day, 4 dump trucks near the end of the day, 1		100 yus
	loader	(yds not specified)	
8/14/2008	Hauled 16 loads of contaminated soil to CRI. Everything to haul is dug up and		40.4
:	stockpiled. Requested additional trucks for hauling tomorrow. We should finish		12 loads of 12 yd. = 144 yds
	hauling tomorrow and will then be ready to take soil samples. Samples will be	4	2 loads of 20 yds
	delivered to Cardinal Labs after completion of soil sampling.	İ	= 40 yds
	Equipment: 4 dump trucks, 1 loader	(yds not specified)	TOTAL of 184 yds
8/15/2008	Continued hauling contaminated soil to CRI. The soil dried up from yesterday's rain		
	and could see the salt crystals on the surface. Took most of excavation to 3'. Hit a		07
	caliche layer at 3'. Could still see salt on the top of the soil. Took 18 samples from the		27 loads of 12 yd = 324 yds
	excavation and 3 samples from the backfill pile. Hauled 20 loads with 12 yard dumps	34	7 loads of 20 yds
	and 14 loads with 20 yard dumps. Total of 520 yards hauled today.		= 140 yds
	Equipment: 4 - 12 yd dump trucks, 3 - 20 yd dump trucks, 1 loader	(yds not specified)	TOTAL of 464 yds
8/18/2008	We moved 20 loads with the 12yd dumps and 10 loads with the 20yd belly		19 loads of 12 yd.
	dumps. We dug out the east quadrant and west quadrant down to the caliche level.		= 228 yds 8 loads of 20 yds
	We can't go any further till the morning when we get a dozer. We also started figging	25	= 160 yds
	out the north end of the road. Total yds today - 440 yds.		1 load no yds gwen
	Equipment: 4-12yd trucks, 2-20yd trucks and one loader	(yds not specified)	TOTAL of 388+ yds
8/19/2008	Continued hauling contaminated soil to CRI. Used a dozer to dig one foot on the west		
	and south quadrant. Started cleaning up the road. Ran into historic oil contaminated		l
	soil under the caliche road. Took pictures of oil. Will deliver to Nick and forward to		19 loads of 12 yd. = 228 yds
	Cody Brunette to make decision on road.		14 loads of 20 yds
-	Hauled 20 loads with 12yd dump trucks and 14 loads with 20yd belly dumps.	27	= 280 yds
	Hauled 520 yards today.		1 load no yds gwen
	Equipment: 4-12yd dump trucks, 4-20yd belly dumps, 1 loader, 1 dozer	(yds not specified)	TOTAL of 508+ yds
8/20/2008	Finished cleaning up the road to the MCA 196. Continued hauling contaminated soil		20 loads of 12 yd
	to CRI. Hauled 20 loads with 12yd dump trucks and 20 loads with 20yd belly dumps.		= 240 yds
	Hauled a total of 640 yards today. Will finish hauling soil to CRI tomorrow and will	30	19 loads of 20 yds
11	sample everything.	1	= 380 yds
	Equipment: 4-20yd dumps, 4-12yd dumps, 1 loader and 1 dozer (2 hours then	1	1 load 22 yds
	released). Continued hauling contaminated soil to CRI. Sampled excavation area. All tools were	(yds not specified)	TOTAL of 642 yds 12 loads of 12 yd.
ļ	decontaminated after each sample and latex gloves changed. We hauled 14 loads		= 144 yds
	with 12yd trucks and 10 loads with 20yd trucks. Hauled 368 yards today. Moved dozer	20	9 loads of 20 yds
			= 180 yds
	to caliche pit to begin pushing up caliche to put back on road. Equipment: 4-12 yard dump trucks, 3-20yd belly dumps, 1 loader, 1 dozer.	() ido not one sitiad)	TOTAL (224) vda
8/25/2008	Recieved soil analysis over the weekend. Everything clean except for the south	(yds not specified)	TOTAL of 324 yds 0 loads of 12 yd. =
0/23/2000	quadrant in the road. Excavated area another 6" to 3.5'. Took one 20 yd load to CRI.		180 yds
	Took soil analysis. Hauled 1008 yds from backfill to excavation area.	0	0 loads of 20 yds
	Equipment: 2 12yd dump trucks(one broke down after 3 hours of work), 1 belly dump,		= 60 yds
	1 loader.	(yds not specified)	TOTAL of 0 vds
		(yas not specified)	TOTAL of 0 yds 0 loads of 12 yd. =
	Continued hauling soil to backfill excavation. Hauled 1104 yds. Most of backfill is		180 yds
	completed just lack leveling.	0	0 loads of 20 yds
	Equipment 2 dump trucks, motor grader(4 hours), dozer(1/2 day).	4.1	= 60 yds
		(yds not specified)	TOTAL of 0 yds
8/27/2008	Finished backfill with 11 more loads of topsoil (132yds). Total to date 2244yds backfill.		0 loads of 12 yd. = 180 yds
1	Seeded area with #2 live seed. Big D started building caliche road to MCA 196.	0	0 loads of 20 yds
	Equipment 2 dump trucks, 1 loader, and 1 dozer		= 60 yds
		(yds not specified)	TOTAL of 0 yds

ConocoPhillips-MCA Well #391 Release Site Photographs taken August 13, 2008 (p. 1 of 24)

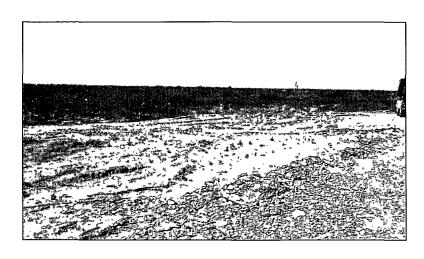


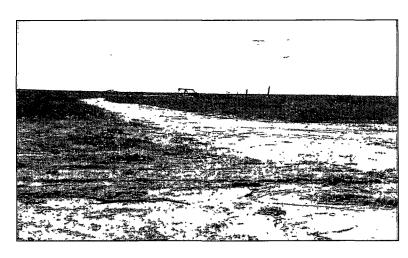


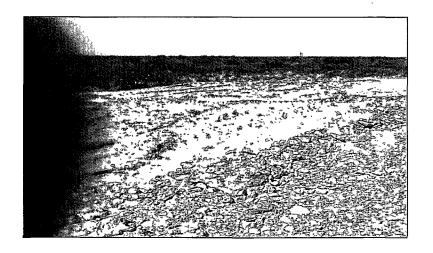




ConocoPhillips-MCA Well #391 Release Site Photographs taken August 13, 2008 (p. 2 of 24)

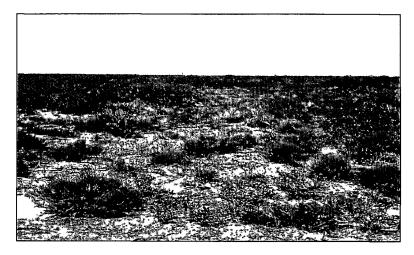


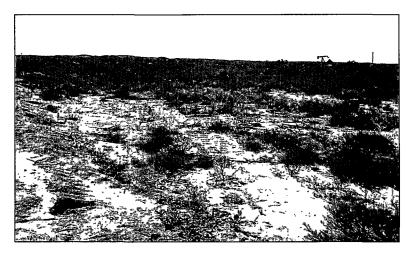


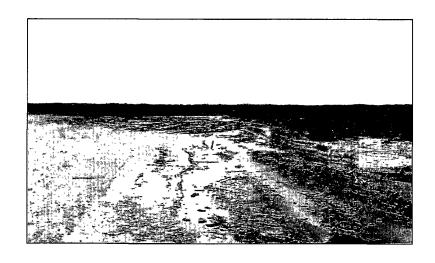


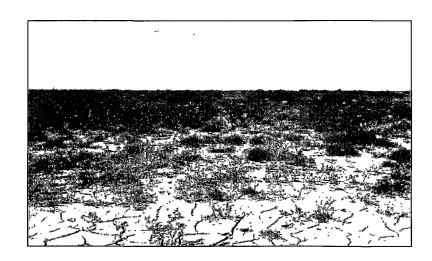


ConocoPhillips-MCA Well #391 Release Site Photographs taken August 13, 2008 (p. 3 of 24)

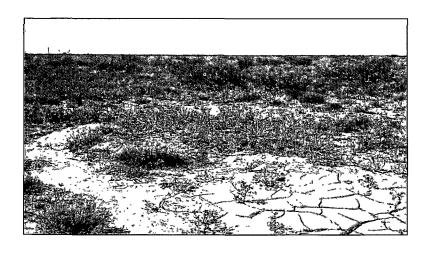


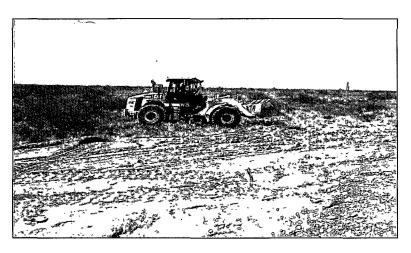


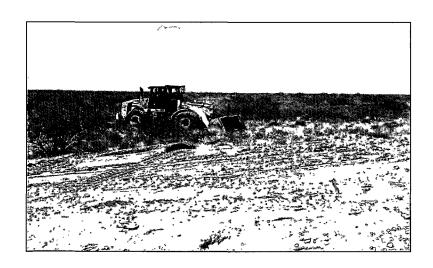




ConocoPhillips-MCA Well #391 Release Site Photographs taken August 13, 2008 (p. 4 of 24)

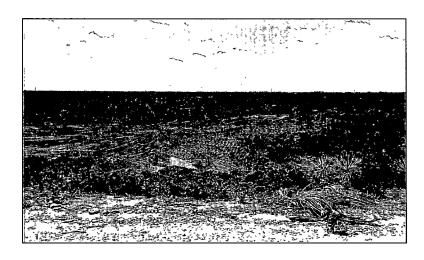


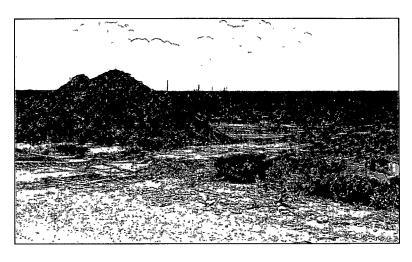


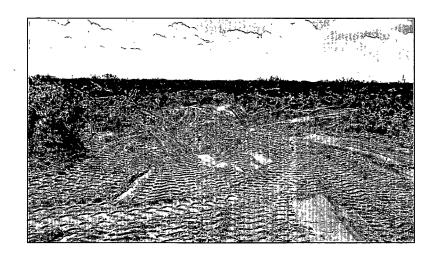


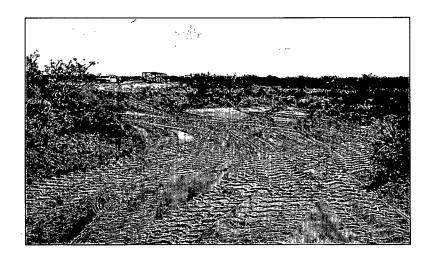


ConocoPhillips-MCA Well #391 Release Site Photographs taken August 13, 2008 (p. 5 of 24)



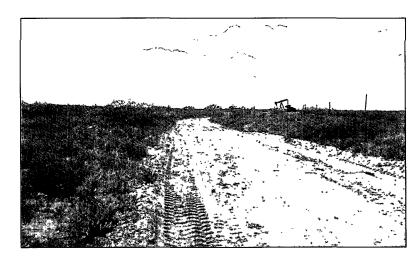


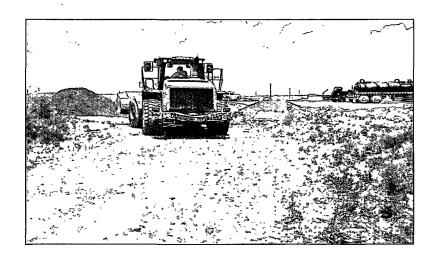


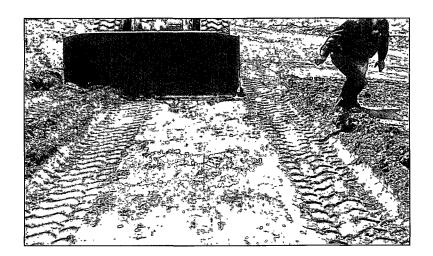


ConocoPhillips-MCA Well #391 Release Site Photographs taken August 13, 2008 (p. 6 of 24)

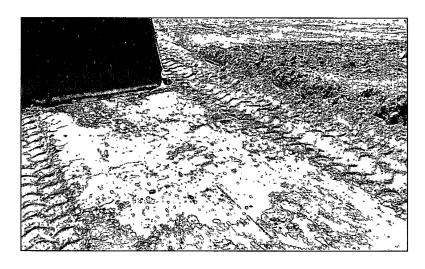


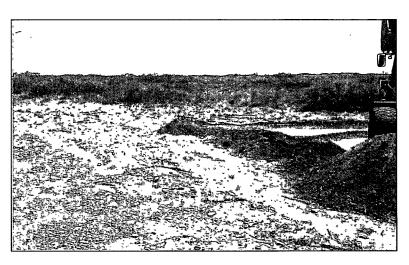


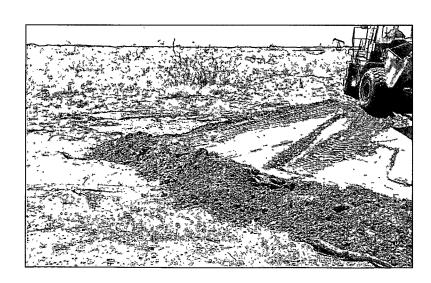




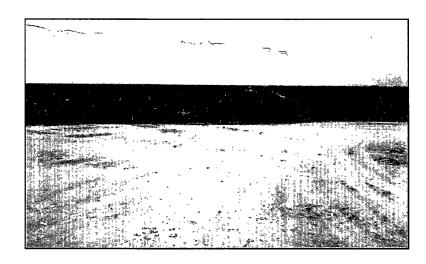
ConocoPhillips-MCA Well #391 Release Site Photographs taken August 13, 2008 (p. 7 of 24)

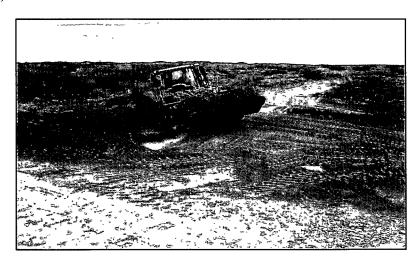


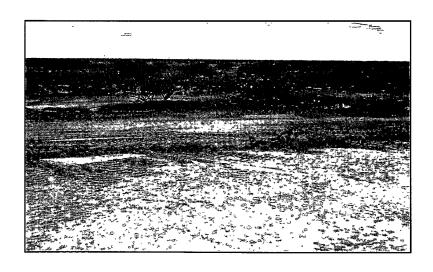


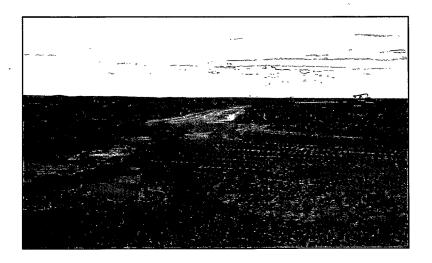


ConocoPhillips-MCA Well #391 Release Site Photographs taken August 14, 2008 (p. 8 of 24)



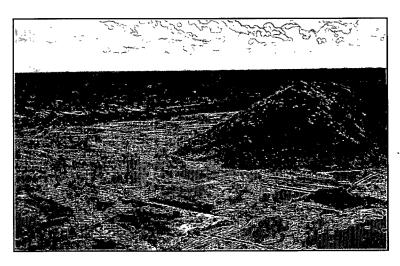




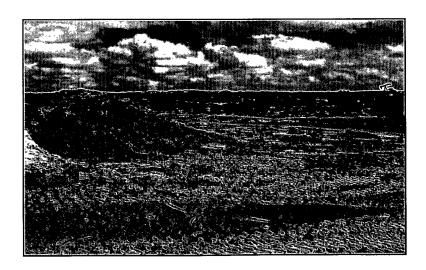


ConocoPhillips-MCA Well #391 Release Site Photographs taken August 18, 2008 (p. 9 of 24)

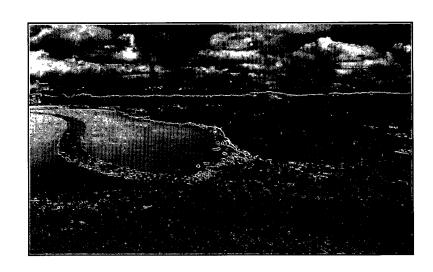






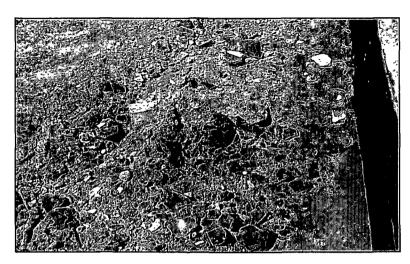


ConocoPhillips-MCA Well #391 Release Site Photographs taken August 18, 2008 (p. 10 of 24)





ConocoPhillips-MCA Well #391 Release Site Photographs taken August 19, 2008 (p. 11 of 24)

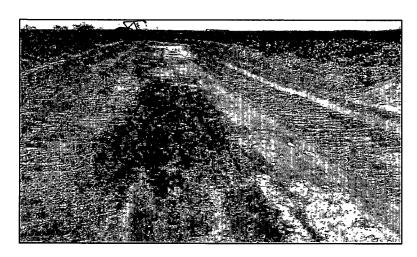






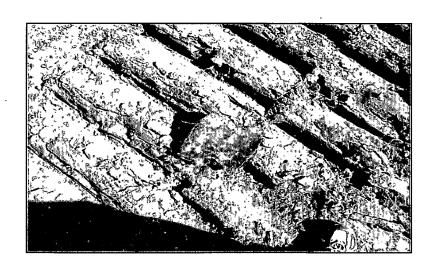


ConocoPhillips-MCA Well #391 Release Site Photographs taken August 19, 2008 (p. 12 of 24)

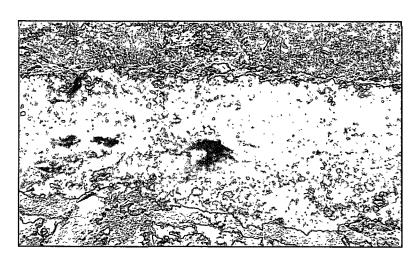




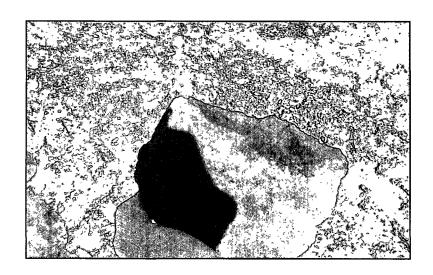




ConocoPhillips-MCA Well #391 Release Site Photographs taken August 19, 2008 (p. 13 of 24)

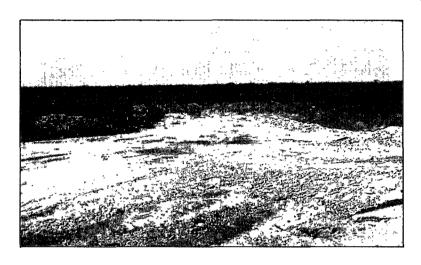


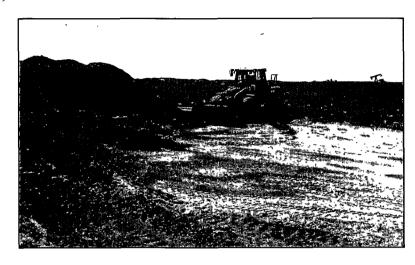


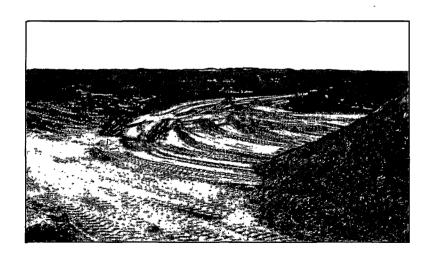


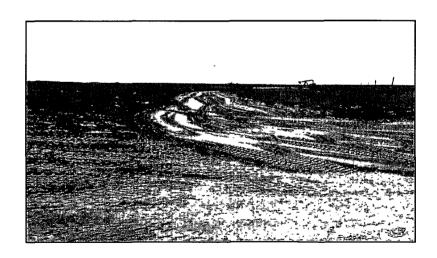


ConocoPhillips-MCA Well #391 Release Site Photographs taken August 20, 2008 (p. 14 of 24)

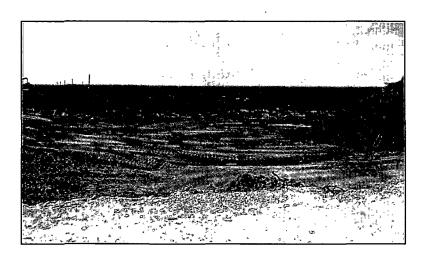


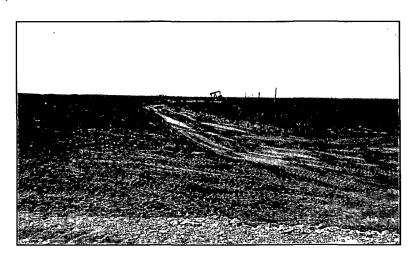


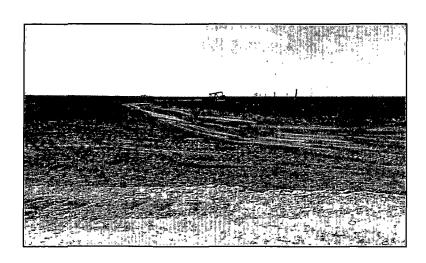




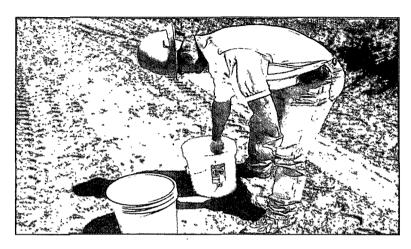
ConocoPhillips-MCA Well #391 Release Site Photographs taken August 20, 2008 (p. 15 of 24)

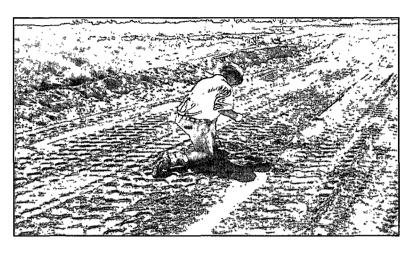




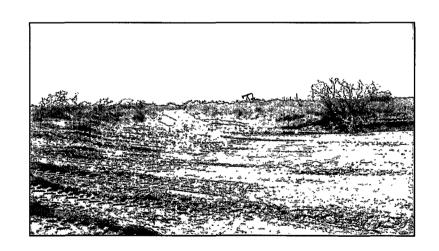


ConocoPhillips-MCA Well #391 Release Site Photographs taken August 21, 2008 (p. 16 of 24)

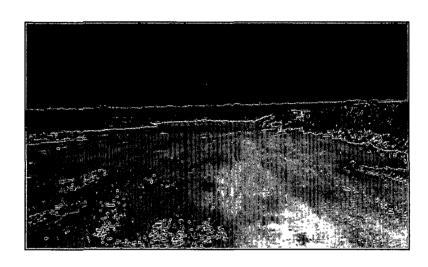


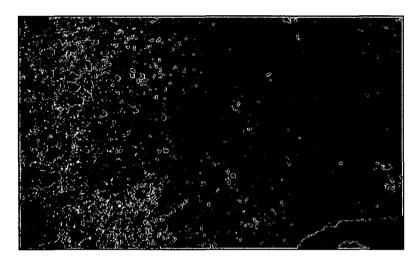


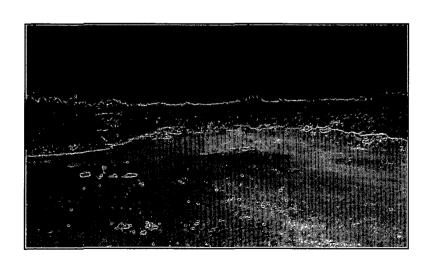


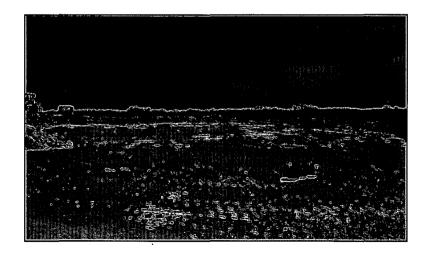


ConocoPhillips-MCA Well #391 Release Site Photographs taken August 21, 2008 (p. 17 of 24)

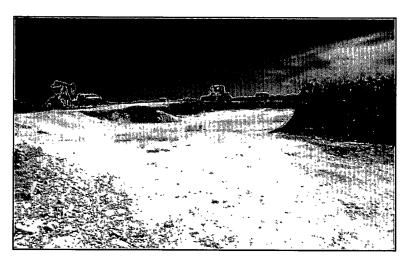




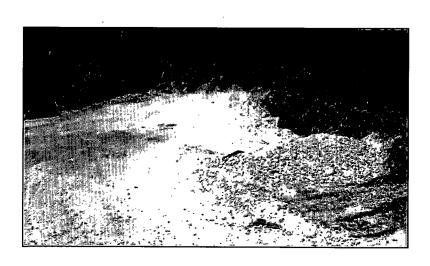


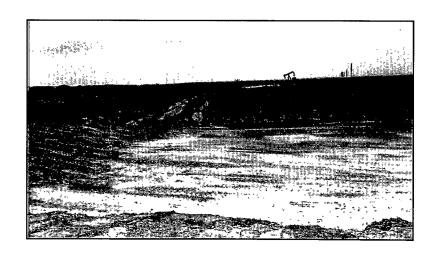


ConocoPhillips-MCA Well #391 Release Site Photographs taken August 21, 2008 (p. 18 of 24)

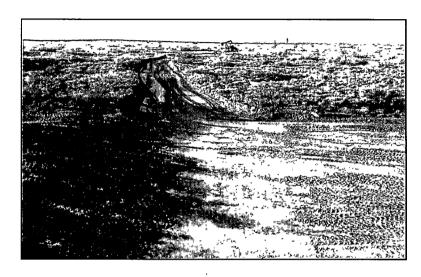


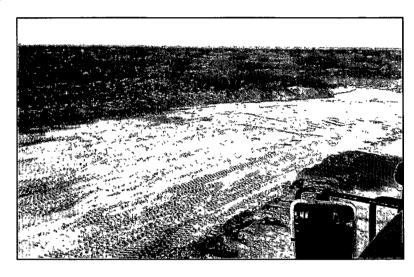


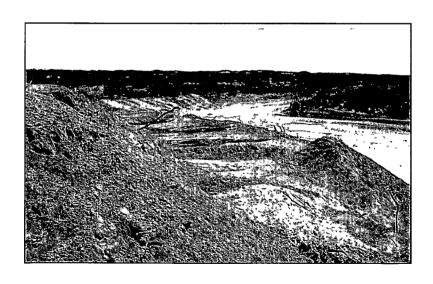




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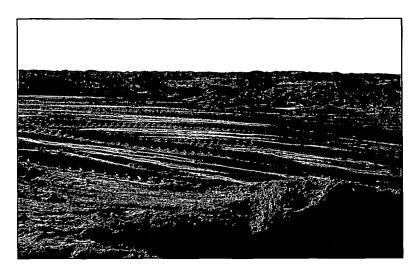




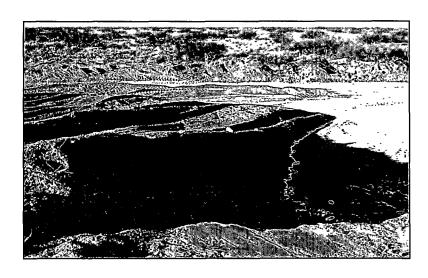
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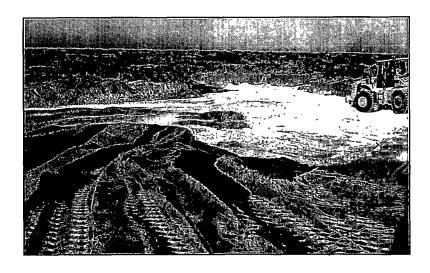


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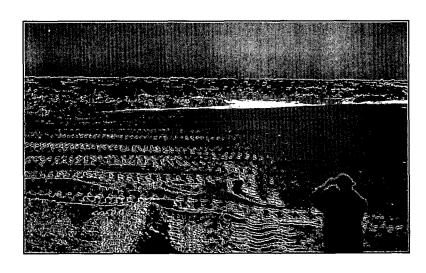


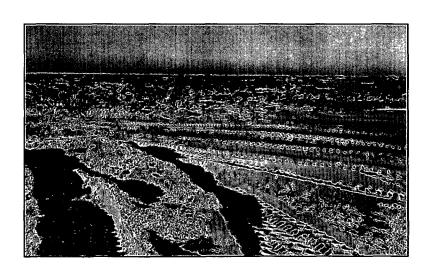


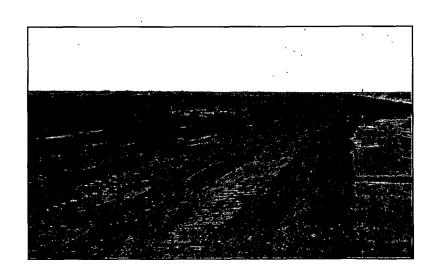


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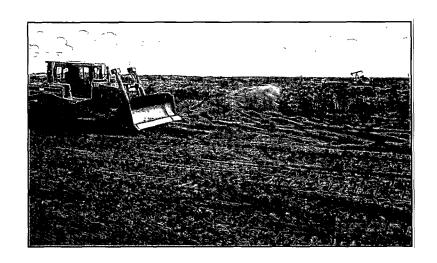




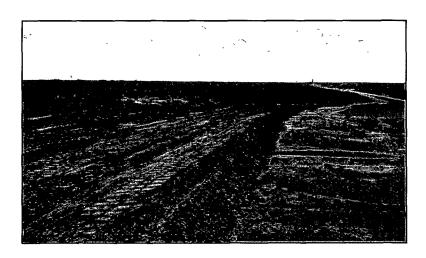




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ConocoPhillips-MCA Well #391 Release Site Photographs taken August 27, 2008 (p. 24 of 24)

