

January 3, 2012

Mr. Mike Bratcher
NMOCD District 2
1301 West Grand Avenue
Artesia, NM 88210

AMARILLO
92I North Bivins
Amarillo. Texas 79107
Phone 806.467.0607

NMOCD Distri
1301 West Grand
Artesia, NM 882

Subject: Remediation and Closure Report

Quantum Resources Management, LLC

Conoco 7 State No. 12

API # 30-015-25160 - 2RP-601

Dear Mr. Bratcher,

Quantum Resources Management, LLC has contracted Talon/LPE (Talon) to perform soil assessment and remediation services at the referenced Conoco 7 State No. 12 release. The incident description, soil assessment, remediation activities and closure request are submitted herein.

Incident Date

January 21, 2011

Background Information

The Conoco 7 State No. 12 is located approximately twenty-five (25) miles east of Artesia, New Mexico. The legal location for the site is Section 7, Township 19 South and Range 29 East in Eddy County, New Mexico. More Specifically the latitude and longitude for the release are 32.67308 North and -104.11502 West.

According to the soil survey provided by the United States Department of Agriculture National Resources Conservation Services, the soil in this area is made up of Reeves-Gypsum land complex soils with 0 to 3 percent slopes. The local surface and shallow geology, Quaternary Age sedimentary deposits, is comprised of alluvium and eolian sands which includes silty soils under lain by gypsum and hard caliches. Drainage courses in this area are normally dry. The New Mexico State Engineer web site indicates the nearest ground water data to be in S7-T19S-R29E. The ground water in Section 7 is reported to be 150' below ground surface (bgs). The referenced groundwater data is presented in Appendix I.

The ranking for this site is 0 based on the as following:

Depth to ground water >100' Wellhead Protection Area >1000'

Distance to surface water body >1000'

Fax 806.467.0622

ARTESIA 408 West Texas Ave. Artesia, New Mexico 88210 Phone 575.746.8768 Fax 575.746.8905

AUSTIN

9II West Anderson Lane Suite 202 Austin, Texas 78757 Phone 5i2.989.3428 Fax 5i2.989.3487

HOBBS

318 East Taylor Street Hobbs, New Mexico 88240 Phone 575.393.4261 Fax 575.393.4658

MIDLAND

290I State Hwy 349 Midland, Texas 79706 Phone 432.522.2I33 Fax 432.522.2I80

SAN ANTONIO

II Commercial Place Schertz, Texas 78154 Phone 210.265.8025 Fax 210.568.2191

TULSA

525 South Main Street Suite 535 Tulsa, Oklahoma 74103 Phone 918.742.0871 Fax 918.382.0232

ENVIRONMENTAL CONSULTING ENGINEERING DRILLING

CONSTRUCTION SPILL MANAGEMENT GENERAL CONTRACTING

Toll Free: 866.742.0742 www.talonlpe.com



Incident Description

On January 21, 2011 a filter located on the injection line at the Conoco 7 State No. 12 was found to be leaking. The water injection well was taken out of service, the filter was replaced and the well was returned to service. Approximately twenty (20) barrels of produced water were released. There were no fluids recovered. The areas affected by this release were on the location south of the injection well and the closed drilling pit area located due south of the location. The release flowed across the location in two narrow flow paths, both measured to be approximately 2-foot wide by 100-feet long. The release pooled on the closed drilling pit encompassing an area approximately 65-feet long by 50-feet wide.

Assessment Activities

On February 9, 2011 Talon/LPE mobilized personnel to begin the assessment and soil sampling for the construction of a work plan. Grab soil samples were collected utilizing a split spoon auger rig. The soil samples from sample point S-1 were collected as background data from the non-impacted area located on the closed drilling pit. Refusal was encountered in the borehole S-1 at 26-feet below ground surface (bgs). The soil samples from boring S-2 were collected from the impacted area of the closed drilling pit. Refusal was encountered in this borehole at 22-feet bgs.

On April 29, 2011 Talon/LPE mobilized personnel again to the site for additional sampling on location. Refusal was encountered in the test trench S-3 at 12-feet bgs using a backhoe. This soil sample location was labeled S-3.

On August 3, 2011 Mr. Bratcher with the NMOCD approved the Soil Assessment and Remediation Work Plan with stipulations and/or conditions of approval. On August 30, 2011 Talon/LPE mobilized personnel to begin excavation activities.

On September 20, 2011 closure soil sampling activities were carried out on the sidewalls of the excavated areas per OCD requirements. Grab soil samples were collected and submitted for laboratory analysis.

Soils samples were collected by Talon personnel wearing clean nitrile gloves. The samples were placed in laboratory provided glassware, iced and transported to Cardinal Laboratories in Hobbs, New Mexico for analysis. The samples were tested for volatile organics pursuant to EPA Method 8021B; Total Petroleum Hydrocarbons (TPH) per EPA Method 8015M; and Total Chlorides via Method SM4500Cl-B.

Analytical Results

Analytical results received from Cardinal Laboratories are summarized below:

Teornary 15, 2011	February	15,	2011
-------------------	----------	-----	------

Sample S-1	Depth 0' 2' 4' 6' 8'	<u>Chlorides</u> 22,400 mg/kg 6,240 4,800 6,320 2,560
	10' 16' 26'	2,400 2,640 1,040
S-2	0' 2' 4' 6' 8' 10' 16' 22'	19,600 16,000 11,800 8,800 4,160 4,320 4,880 1,420

May 13, 2011

<u>Sample</u>	Depth	Chlorides
S-3	0,	36,000
	1'	3,040
	2, ~	1,680
	4'	1,600
	6'	2,160
	8'	2,560
	10'	48

October 13, 2011

<u>Sample</u>	<u>Location</u>	Chlorides	<u>BTEX</u>	<u>TPH</u>
S-1	North side wall	576	<0.150 mg	/kg <10 mg/kg
S-2	East side wall	1140	*	*
S-3	South side wall	6560	*	*
S-4	West side wall	960	*	*

^{*}Analyte not tested

Remedial Actions

On August 30, 2011 Talon personnel mobilized to the site to begin excavation activities of the impacted areas from this release. The impacted soil from this release was excavated to a depth of 4-feet below land surface up to the closed drilling pit and transported to Lea Land, LLC for disposal.

The excavation was left open until NMOCD granted approval for the installation of a liner and backfilling. On October 27, 2011 the OCD granted approval to install the liner and begin backfilling the excavation.

On November 10, 2011 a composite 20 millimeter liner was installed into the excavated area at a depth of 4-feet deep. The excavated areas were subsequently backfilled to grade using new material backhauled from Lea Land, LLC and placed over the top of the 20 millimeter liner in a 4-foot soil lift. The soil lift was contoured to match the surrounding location.

Summary and Conclusion

- Groundwater in the project vicinity is greater than 100-feet below land surface per the New Mexico State Engineer Database.
- The impacted area from this release was excavated to a depth of 4-feet deep and a 20 mil liner was installed.
- Based upon the results of the laboratory data obtained for this investigation, the vertical impacts of the chloride release on the closed drilling pit area have been delineated to 1420 mg/kg at 22-feet bgs. The background chlorides in the closed drilling pit area range from 22400 mg/kg at 0-foot to 1040 mg/kg at 26-feet bgs.
- As per approval of the work plan submitted, there were no excavation activities required on the closed drilling pit area, due to the presence of existing chlorides. The south side wall of the excavation (S-3) is adjacent to the closed drilling pit with chloride levels at 6560 mg/kg, which was approved to be left in place.
- The excavated area was backfilled and contoured to match the surrounding terrain.
- Based on the depth to groundwater and the installation of a 20 mil liner, it is unlikely that the impacts identified from this release will pose a threat to groundwater.

Therefore, on behalf of Quantum Resources Management, LLC, we respectfully request that no further actions be required and that closure with respect to this release be granted.

If we can provide additional information or be of further assistance please contact our office at 575.746.8768.

Respectfully submitted,

TALON/LPE

Mike Stubblefield

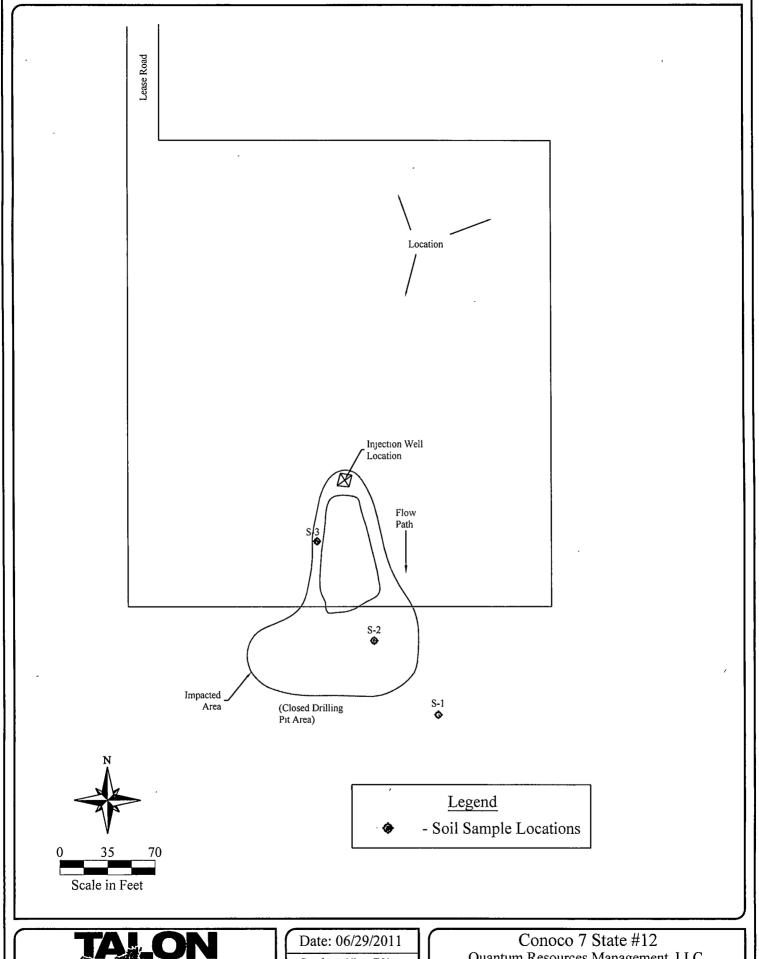
mon Shellifield

Project Manager

David J. Adkins

District Manager

SITE MAP



TALON LPE

Scale: 1" = 70'

Drawn By: TJS

Conoco 7 State #12
Quantum Resources Management, LLC.
Eddy County, New Mexico
Figure 1 - Site Plan w/Soil Locations

APPENDIX I GROUNDWATER DATA



New Mexico Office of the State Engineer Water Column/Average Depth to Water

		(qua	ırter	s ar	e 1	≃NW	2=NE	3=SW 4	1=SE)					
4	ورارا في المنطقة والمرافقة والمساوية	(qua					est to la	argest)	, ,	UTM in me	ters)	(lı	n feet)	** * * * *
POD Number	asin Use C	ounty	(Q) 64	3.	200	,	Tws	20	X	Y	Distance		epth W Váter Co	7.770
CP 00646	STK	ED	1	1	4	07	198	29E	583155	3615551	667	199	150	49
L 03348 APPRO	DOM	LE	4	3	4	35	18S	28E	580236	3618135*	3233	105	65	40
CP 00361	PRO	ED		1	3	09	198	28E	576195	3615347*	6455	365	265	100
CP 00361 EXPL	EXP	ED	3	1	3	09	198	28E	576094	3615246*	6566	365	265	100
RA 09588	DOM	ED		1	2	33	18S	28E	576976	3619384*	6606	300		
CP 00926	PRO	ED	4	1	1	01	208	28E	581074	3608090*	8013	300		
CP 00681	PRO	ED	1	1	3	34	198	29E	587230	3609127*	8235			
CP 00741	PRO	ED	1	3	2	34	198	29E	588030	3609533*	8394	230	60	170
CP 00830	STK	LE		2	1	04	20S	29E	586118	3608193*	8511	120		
CP 00820	STK	LE		2	4	13	198	29E	591713	3613870*	9326	120		
CP 00698	PRO	ED		3	1	03	20S	29E	587327	3607804*	9409			
CP 00502	STK	ED		1	1	18	198	28E	573001	3614478*	9733	100	91	9
CP 00836	DOM	ED		1	1	18	198	28E	573001	3614478*	9733	110		
CP 00837	DOM	ED		1	1	18	198	28E	573001	3614478*	9733	110		
CP 00838	DOM	ED		1	1	18	198	28E	573001	3614478*	9733			
										Avera	ge Depth to \	Nater:	149 fe	et
											Minimum I	Depth:	60 fe	et

Maximum Depth: 265 feet

Record Count: 15

UTMNAD83 Radius Search (in meters):

Easting (X): 582622

Northing (Y): 3615953

Radius: 10000

APPENDIX II LABORATORY RESULTS



February 15, 2011

MIKE STUBBLEFIELD

TALON LPE

408 W. TEXAS AVE.

ARTESIA, NM 88210

RE: CONOCO 7 STATE #12

Enclosed are the results of analyses for samples received by the laboratory on 02/11/11 16:45.

Cardinal Laboratories is accredited through Texas NELAP for:

Method SW-846 8021

Benzene, Toluene, Ethyl Benzene, and Total Xylenes

Method SW-846 8260 Benzene, Toluene, Ethyl Benzene, and Total Xylenes

Method TX 1005

Total Petroleum Hydorcarbons

Certificate number T104704398-08-TX. Accreditation applies to solid and chemical materials and non-potable water matrices.

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 (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,

Celey D. Keene

Lab Director/Quality Manager

Celey D. Keine



TALON LPE MIKE STUBBLEFIELD 408 W. TEXAS AVE. ARTESIA NM, 88210

(575) 745-8905

Received: Reported: 02/11/2011

02/15/2011

Project Name:

CONOCO 7 STATE #12

Project Number: Project Location: 701407.002.01

SEC. 7- 19S- 29E

Sampling Date:

02/09/2011

Sampling Type:

Soil

Sampling Condition:

** (See Notes)

Sample Received By:,

Jodi Henson

Sample ID: S - 1 0' (H100285-01)

Chloride, SM4500Cl-B	mg,	/kg	Analyze	ed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	22400	16.0	02/14/2011	ND	416	104	400	0.00	
Sample ID: S - 1 2' (H10	0285-02)			1					
Chloride, SM4500Cl-B	mg,	/kg	Analyze	ed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	6240	16.0	02/14/2011	ND	416	104	400	0.00	
Sample ID: S - 1 4' (H10	00285-03)			•					
Chloride, SM4500Cl-B	' mg	/kg	Analyze	ed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4800	16.0	02/14/2011	ND	416	104	400	0.00	
Sample ID: S - 1 6' (H10	0285-04)								
Chloride, SM4500Cl-B	mg	/kg	Analyze	ed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	6320	16.0	02/14/2011	ND	416	104 .	400	0.00	
Sample ID: S - 1 8' (H10	0285-05)								
Chloride, SM4500Cl-B	mg	/kg	Analyze	ed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2560	16.0	02/14/2011	ND	416	104	400	0.00	
				1					

Cardinal Laboratories

*=Accredited Analyte

any other cause whatsoever shall be deemed walved unless made in writing and received by Cardinal willin thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential dar 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 In no event shall Cardinal be liable for incidental or consequential damages, 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 Laboratones.



TALON LPE MIKE STUBBLEFIELD 408 W. TEXAS AVE. ARTESIA NM, 88210

Fax To:

(575) 745-8905

Received:

02/11/2011

Reported:

02/15/2011

Project Name:

CONOCO 7 STATE #12

Project Number:

701407.002.01

Project Location:

SEC. 7- 19S- 29E

Sampling Date:

02/09/2011

Sampling Type:

Soil

Sampling Condition:

** (See Notes)

Sample Received By:

Jodi Henson

Sample ID: S - 1 10' (H100285-06)

Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2400	16.0	02/14/2011	ND	416	104	400	0.00	
Sample ID: S - 1 16' (H10	0285-07)))					
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2640	16.0	02/14/2011	ND	416	104	400	0.00	
Sample ID: S - 1 26' (H10 Chloride, SM4500Cl-B	0285-08) mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
Chloride	1040	16.0	02/14/2011	ND	416	104	400	10.9	
				1					
Sample ID: S - 2 0' (H100	285-09)			1					
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
Chloride	19600	16.0	02/14/2011	ND	416	104	400	10.9	
Sample ID: S - 2 2' (H100	285-10)			i I					
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
Chloride	16000	16.0	02/14/2011	ND	416	104	400	10.9	
				1					

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 whatsevere shall be deemed watered 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 stated uson 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 appropriate for Cardinal laboratories.

Celey D. Keine



TALON LPE MIKE STUBBLEFIELD 408 W. TEXAS AVE. ARTESIA NM, 88210 (575) 745-8905 Fax To:

Received: Reported: 02/11/2011

Project Name:

02/15/2011 CONOCO 7 STATE #12

Project Number:

701407.002.01

Project Location:

SEC. 7- 19S- 29E

Sampling Date:

Sampling Type:

Soil

Sampling Condition: Sample Received By: ** (See Notes)

02/09/2011

Jodi Henson

Sample ID: S - 2 4' (H100285-11)

Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	11800	16.0	02/14/2011	ND	416	104	400	10.9	
Sample ID: S - 2 6' (H100285	5-12)								
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	8800	16.0	02/14/2011	ND	416	104	400	10.9	
Sample ID: S - 2 8' (H100285 Chloride, SM4500Cl-B	5-13) mg	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4160	16.0	02/14/2011	ND	416	104	400	10.9	
Sample ID: S - 2 10' (H10028	35-14)			•					
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: HM		4-04	<u>-</u>		
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4320	16.0	02/14/2011	ND	416	104	400	10.9	
Sample ID: S - 2 16' (H10028	35-15)								
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4880	16.0	02/14/2011	ND	416	104	400	10.9	

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE Liability and Damages Cardnal'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 inclured 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 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 Laboratones.



TALON LPE MIKE STUBBLEFIELD 408 W. TEXAS AVE. ARTESIA NM, 88210 (575) 745-8905 Fax To:

Received:

02/11/2011

Sampling Date:

02/09/2011

Reported:

02/15/2011

Sampling Type:

Soil

Project Name:

CONOCO 7 STATE #12

Sampling Condition:

** (See Notes)

Project Number:

701407.002.01

Sample Received By:

Jodi Henson

Project Location:

SEC. 7- 19S- 29E

Sample ID: S - 2 22' (H100285-16)

Chloride	e, SM4500CI-B	mg,	/kg	Analyze	d By: HM					
	Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chlorid	le	1420	16.0	02/14/2011	ND	416	104	400	10.9	

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE Liability and Damages Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed 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 the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratures



Notes and Definitions

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

Cardinal Laboratories *=Accredited Analyte

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 waved unless made in writing and received by Cardinal within thirty (30) days after competition of the applicable service. In no event shall Cardinal be liable for incidental or consequential darrages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiances, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keine

ARDINAL LABORATORIES

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240 (505) 393-2326 FAX (505) 393-2476

1.2

Company Name	e: Talon/(PE	•		1,3		BI	LL T	0	NO DESTRICTION OF THE PARTY OF					ΑN	IAL۱	/SIS	RE	QUE	ST							
Project Manage	Project Manager: mille Stulble for !																	T	T							
Address:	408 W. TEGAL AVE						- [Company:								1		Ì	1				1	1		
City:	State: NM	Zip	: 8	82,0)		7	Attn	:							İ						İ	1			
Phone#: \$2	5-441-2254 Fax #:							Address:						ĺ	1		Ì									
Project #: 901409.002.01 Project Owner: Quantum Res. Pros. 4																1			-							
	Coroso 7 State \$12					7.4.	- 1	Stat			Zip:			l												
Project Location: CCc. 2 - 158 - 29c								Pho		u·						1										
Sampler Name:								Fax						,							1		1		-	
FOR LAB USE ONLY MATRIX										SERV	SA	MPLI	NG	١,	-				1				1			
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	SOIL	OIL	SLUDGE			ICE / COOL OTHER:		ΙΤΕ	TIME	Total elleride						i						
HIDD285-1	5-10	5			V						2/9/	234	9:514	V												
2	S:1 2'	4			1								9:5VA	~							1				ᆚ	
3	S14.	٦			1		_	_	\perp		2/9/8	2001	9:170	4	ļ		\perp		_		<u> </u>	<u> </u>	1_	ᆚ	Д	
4	S-1 4	19			0						2/5/2	201	10:094	1	<u> </u>	┷	\perp		_		<u> </u>		1_	┷	┸	
5	2-18.	S			1		_	_	_		2/9/	204	10:150	1	<u> </u>	—		_ _			<u> </u>	<u> </u>	ــــــ			
<u></u>	5.110	4			r		4	_ .	_		7/2/	21	10:20 F	1	<u> </u>	┦—	4_	_ _			<u> </u>	 	—	—		
8	5.1 16.	۲			U			_	4	_	24/	204	10:25 A	V	↓	4_	_				ļ	—	—	—	—	
- 4	2.1 56,	Ģ	Ш		1		_	_	4		2/9/	311	11:29A	1	<u> </u>	—					ļ	 		-		
10	5.20	6	-		1			4	4	_ _	2/1/2	2//	71:51	V	 	-	- -	- -			<u> </u>	 		-		
PLEASE NOTE: Liability a	5.2.2 nd Damages. Cardinel's liability and cheni's exclusive remedy for a	my dain	uish	c whether	V based	In con	tracto	t tort	shall t	be limited	i to the arm	Zo //	12.49P	100	<u> </u>		_Ļ.	_Ļ			<u> </u>		Т.	ــــــــــــــــــــــــــــــــــــــ	1	
PLEASE NOTE: Liabity and Damages. Cardiner's fiability and clients exclusive rainedy for any claim arising whether based in contract or tort, sharpless, All claims including those for negligence and any other cause whatsoever shall be desented waived unlass made in willing and recolved source. In no event shall Cardinal be inable for includental or consequented damages, including whose limited in, business interruptions, loss of use inferior or successions ensuing out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based or											within 30 d	lays efte	er completion of t	he applic	ab ie											
Received By: Date:													Phone Re Fax Resu REMARK	sult:	O Y		□ No		dd'l P dd'l F		#:					
Relinguished B	Date' /	Date's A Received By										-A										-				

Delivered By: (Circle One)

Sampler - UPS - Bus - Other:

Sample Condition
Cool Intact
Yes Yes
L No No

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

RDINAL LABORATORIES 101 East Marland, Hobbs, NM 88240

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

	101 East Mariand, Hobbs, NM 882 (505) 393-2326 FAX (505) 393-2476																							.3	-2-2
Company Name								塘	祭绣	#Z	3/1	L TO	MINISTERNA PROPERTY AND ADMINISTRATION OF THE PROPE	i				ANA	LYSI	S RE	QUE	ST	***************************************		Ì
Project Manager								P.0																	
Address:	408 W. TEKAT PYC							Con	npa	ny:													1		
City:		Zip:	ଖ୍ୟ	0 ن 2				Attr	1:								1		1	1		1	1		1 1
Phone#: ≶ጋ∫	- 441- 2250 Fax #:							Ado	ires	s:				ļ			1		1			}			1 1
Project #: 70	01407.002.01 Project Owner	:Qu	astu	n Rol	. 13	<u>ሉ</u> ?.	40	City	<u>':</u>								1					1			l
Project Name:	CONOCO 7 STATE BIZ							Sta	te:			Zip:										1			
Project Location	1: sec. 7 - 195-29c						_	Pho	ne	#:]										
Sampler Name:	rice stellful							Fax						١ ͺ			1			1	1				
FOR LAB USE ONLY	•	ا . ا	-		MAT	RIX	: 	\dashv	PRE	SE	₹٧.	SAMPLI	NG	يهجز	ł		Ì			ł			1		
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	SOIL	OIL	SLUDGE	OTHER:	ACID/BASE:	ICE / COOL	OTHER:	DATE	TIME	rotal Chhoridas											
HID0785-11	5.2 4'	2			r							219/20H	1:55 0	V								\mathbb{L}_{-}			
51	5.2 6'	5			8							2/9/2011	7:06 P	1											
13	5.2 8'	9			1							2/5/2011	2:15 8	v											
14	5.2 10	G		\perp	1	L						2/9/204	2:218	<u>_</u>	<u> </u>	<u> </u>	<u> </u>		<u> </u>				<u> </u>		
15	5.2 16	9			1							2/9/201	7:27 6	1				<u> </u>						<u>l</u>	
16	2.5 35,	9	_	1	V	_						2/9/011	2:30 0	_	<u> </u>			<u> </u>						<u> </u>	
	*		_ _	_ _		_			_		_			 		<u> </u>	<u> </u>	<u> </u>	<u> </u>					<u> </u>	
		_	`	-			_	4	_	_	_						<u> </u>	<u> </u>	<u> </u>			↓	 	<u> </u>	
			-	4-	<u> </u>		\sqcup	4	4	_	_			<u> </u>	<u> </u>		ļ	<u> </u>	ــــ	<u> </u>		<u> </u>	↓	ļ	
PLEASE NOTE: Liebility au	rd Damegea, Cardinel's liability and client's exclusive remedy for a	ny claire	Wiston	whethe	r beset	in co	alcact	- I		be lu	المالا	o the amount on	id by the client for		<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>				<u> Т </u>	<u> </u>	
analyses. All claims includir	ng those for negligence and any other cause whatscover shall be o ardinal be liable for incidental or consequental demages, including	deemed v	weived	uniens :	nade in	willin	g and	rocely	ed by	Cardi	inal w	ithin 30 days alte	er completion of #	he applica	ible										
Relinquished By	ng out of or related to the performance of services hereunder by C	erdinal, r	regardi	d By	hathers	such c	taim (bere	d upo	n arry	of the	above stated re	Phone Re	SW.	☐ Ye		Ne	(4 - 4 - 11	Divers	- AL.					
	107/11/5			:u ⊔y -∧)	ب	i					Fax Resul	t:	□ Ye		No	Add'I	Phon Fax #						
Relinquished By	field Time: 1:05 pm	K	> <	<u>_</u> ,) '	A WALL						REMARK	s:											
Relinquished By	B-1 Timber 45	Red	eive	d By		!	Į.		K		Ø	W	ر												
Delivered By:	(Circle One)	0			nple			on	-	CHE	СК	ED BY:]												j
Sampler - UPS	- Bus - Other:	80	2	Ľ	ol Yeş -No		Yes No			i		als)													

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

#26



May 13, 2011

MIKE STUBBLEFIELD

TALON LPE

408 W. TEXAS AVE.

ARTESIA, NM 88210

RE: CONOCO 7 STATE #12

Enclosed are the results of analyses for samples 'received by the laboratory on 05/11/11 14:07.

Cardinal Laboratories is accredited through Texas NELAP for:

Method SW-846 8021 Benzene, Toluene, Ethyl Benzene, and Total Xylenes
Method SW-846 8260 Benzene, Toluene, Ethyl Benzene, and Total Xylenes

Method TX 1005 Total

Total Petroleum Hydorcarbons

Certificate number T104704398-08-TX. Accreditation applies to solid and chemical materials and non-potable water matrices.

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 (V2, V3)

Accreditation applies to public drinking water matrices.

Celey D. Keine

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



TALON LPE MIKE STUBBLEFIELD 408 W. TEXAS AVE. ARTESIA NM, 88210 Fax To: (575) 745-8905

Received:

05/11/2011

Reported:

05/13/2011

Project Name: Project Number: CONOCO 7 STATE #12 701407.002.01

Project Location:

SEC. 7- T19S- R29E

Sampling Date:

04/29/2011

Sampling Type:

Soil

Sampling Condition:

** (See Notes)

Sample Received By:

Jodi Henson

Sample ID: S - 3 0' (H100954-01)

Chloride, SM4500CI-B	mg,	g/kg Analyzed By: HM							
Analyte .	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	36000	16.0	05/12/2011	ND	432	108	400	3.64	
Sample ID: S - 3 1' (H10	0954-02)								
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3040	16.0	05/12/2011	ND	432	108	400	3.64	
Sample ID: S - 3 2' (H10	00954-03)								
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1680	16.0	05/12/2011	ND	432	108	400	3.64	
Sample ID: S - 3 4' (H10	00954-04)								
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: HM	·				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1600	16.0	05/12/2011	ND	432	108	400	3.64	

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE Liability and Damages Cardinal's lability 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 warved 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 subdisfalses, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claims is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal laboratories

Celey D. Keine

Celey D. Keene, Lab Director/Quality Manager



TALON LPE MIKE STUBBLEFIELD 408 W. TEXAS AVE. ARTESIA NM, 88210

Fax To:

(575) 745-8905

Received:

05/11/2011

Sampling Date:

04/29/2011

Reported:

05/13/2011

Sampling Type:

Soil

Project Name:

CONOCO 7 STATE #12

Sampling Condition: Sample Received By: ** (See Notes) Jodi Henson

Project Number: Project Location:

Analyte

Analyte

701407.002.01

SEC. 7- T19S- R29E

Sample ID: S - 3 6' (H100954-05)

Chloride, SM4500CI-B

mg/kg

Analyzed By: HM

Reporting Limit

16.0

Reporting Limit

Analyzed 05/12/2011

Analyzed

% Recovery

True Value QC

Qualifier

RPD

3.64

3.64

Chloride

Result 2160

Method Blank ND

448

BS

400

Sample ID: S - 3 8' (H100954-06)

Chloride, SM4500Cl-B

mg/kg

Analyzed By: HM

Method Blank

% Recovery

112

Chloride

Chloride

2560

Result

16.0 05/12/2011 ND

BS 448

112

True Value QC 400

RPD Qualifier

Qualifier

Sample ID: S - 3 10' (H100954-07)

Chloride, SM4500Cl-B

mg/kg

Analyzed By: HM

Analyte Result Reporting Limit 48.0 16.0

Analyzed 05/12/2011 Method Blank ND

BS 448 % Recovery 112

True Value QC 400

RPD 3.64

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE Liability and Damages Cardinal's liability and client's exclusive remedy for any any other cause whatsoever shall be deemed warved unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service Including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidianes, atfillates or successors anding out of or related to the perform 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 Laboratones.

Celey D. Keene Celey D. Keene, Lab Director/Quality Manager



Notes and Definitions

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

** Samples not received at proper temperature of 6°C or below.

*** Insufficient time to reach temperature.

- Chloride by 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

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waved 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 upon incidental or consequential damages, and the complex of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including shall cardinal be liable for incidental or consequential damages, and the complex of the applicable service in the complex of the applicable service. In one event shall Cardinal be liable for incidental or consequential damages, including those for negligence and any other cause whatsoever shall be deemed waved unless made in writing and incident properties of the applicable service. In one event shall cardinal be liable for incidental or consequential damages, including those for negligence and any other cause whatsoever shall be deemed waved unless made in writing and incident properties of the applicable service. In one event shall Cardinal be liable for incidental damages, including those for negligence and any other applicable service. In one event shall cardinal be liable for incidental damages, including those for negligence and any other applicable service. In one event shall be applicable service. In one event shall be applicable service, and the contract of the applicable service in the properties of the applicable service. In one event shall be applicable servic

Celey D. Keene



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name		Talon ILPE									LL TO		ANALYSIS REQUEST											
	Mike Stubblefi	clel	-	-			*	P.C	#:		777 - 7445							T	T			T		
Address:	408 W. Tobas A							Cor	npar	ıy: ´	Talon/LI	PE												
City:	Actesia	State: N m			8210			Attı																
Phone #:	575-441-7254		· ·-·					Add	Address:						-			1					<u> </u>	
Project #:	701407,002.01		:					City:																
Project Name:	Conaca 7 State				- •			Sta			Zip:												l	
	: scc. 7-7195.							Pho	one /	::														
Sampler Name:	mile & telepield							Fax								}	1				1			
FOR LAB USE ONLY			П	\Box	ŗ	/ATR	ΙX		PRES	ERV	. SAMPL	ING	ن								1			
Lab I.D.	Sample I	.D.	(G)RAB OR (C)OMI	# CONTAINERS	WASTEWATER	SOIL	SLUDGE	OTHER:	ACID/BASE.	OTHER:	DATE	TIME	Total Chlorides											
H100954-1	5.3 0	** * **********************************	4	ľ	T	,		Ī			4/29/2011	17:01 P	V							Ţ				
2	5.3 1'		۲			1			-! -		५!२१ २८॥		4										_	
2 3 3 5	S-3 2'		۵								4/29/2011		1					_		ł		ļ <u>.</u>	<u> </u>	<u> </u>
<u> </u>	5·3 4'		١	_	4 - 1	<u>.</u>	١.		<u>;•</u>	<u>, </u>	4/29/2011	12:168	1				.		-	.				
3	5-3 6	•	۱۵			1	İ		ı		4/29/2011		/	ŀ							1			
lo_	5-3 8		۵		j}	1	-			!	4(29 (201)		K										ļ	ļ
	5.3 10'		C		-	<u>-</u>				4	4/34/3011	4:0 <u>3</u> 6	1			. -	-}	.	-	-	-		 -	ļ
			$\left\ \cdot \right\ $	-1	- -	-		-	-+	+			 							-	-		 -	
			ŀ ŀ		\dashv			\vdash				 				 -	-		-	-[-	-		
	nd Damages. Cardinal's Eability and cl													 -	Ц								<u></u>	<u> </u>
service. În no event shall C	ng those for negligence and any other ardinal be liable for incidental or conse	equental damages, including	vythout	linutatio	an, busaner	s intern	uptions,	loss of	use, or	locs of	profits incurred by	chent, its subsidia	ries,	DIG										
alliliates or successors wist Relinquished B	ng out of or related to the performance	Date 1 1 1 1			ed By:		n claim	is base	a upon	any of I	ne above stated re	Phone Re	sult:	□ Ye		No		l Phon						
	<u> </u>	Tinge;	1/	10	1º		A) 3) s	. A	£ \ 2.	a	Fax Resu		☐ Ye	s [No	[Add	l Fax#						
Relinquished B	lifild	Time:	Rec	ceive	d By:	G.	JKL			71														
	r•	Time:	J.O.		- ₁ .																			
Delivered By	: (Circle One)	_1			Sam	ple C	ondit	ion	C	HEC	KED BY:	1												
Sampler - UPS	- Bus - Other:	n	20/	, _		ı ın Yes [tact S Ye No	ś		//b	(Majs)													
-	cannot accept verbal				J.	No	N	0 '		- / /	λ A	<u> </u>						***************************************	*****			_		Pag



October 13, 2011

MIKE STUBBLEFIELD

TALON LPE

408 W. TEXAS AVE.

ARTESIA, NM 88210

RE: CONOCO 7 STATE #12

Enclosed are the results of analyses for samples received by the laboratory on 09/20/11 15:12.

Cardinal Laboratories is accredited through Texas NELAP for:

Method SW-846 8021 Benzene, Toluene, Ethyl Benzene, and Total Xylenes
Method SW-846 8260 Benzene, Toluene, Ethyl Benzene, and Total Xylenes

Method TX 1005 Total Petroleum Hydorcarbons

Certificate number T104704398-08-TX. Accreditation applies to solid and chemical materials and non-potable water matrices.

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 (V2, V3)

Accreditation applies to public drinking water matrices.

Celey D. Keine

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



TALON LPE MIKE STUBBLEFIELD 408 W. TEXAS AVE. ARTESIA NM, 88210 Fax To: (575) 745-8905

Received:

09/20/2011

Sampling Date:

09/20/2011

Reported:

10/13/2011

Sampling Type:

Soil

Project Name:

CONOCO 7 STATE #12

Sampling Condition:

Cool & Intact

Project Number:

701407.002.01

Sample Received By:

Jodi Henson

Project Location:

SEC. 7- T19S- R29E

Sample ID: S-1 NORTHSIDE WALL (H102000-01)

BTEX 8021B	mg/	'kg	Analyze	d By: CMS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/22/2011	ND	2.31	116	2.00	0.947	
Toluene*	<0.050	0.050	09/22/2011	ND	2.17	109	2.00	0.462	-
Ethylbenzene*	<0.050	0.050	09/22/2011	ND	2.17	109	2.00	2.77	
Total Xylenes*	<0.150	0.150	09/22/2011	ND	6.49	108	6.00	3.30	
Surrogate: 4-Bromofluorobenzene (PIL	111 :	% 64.4-13	4						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	576	16.0	09/21/2011	ND	416	104	400	3.77	
TPH 8015M	_ mg,	/kg	Analyze	d By: ab					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	09/24/2011	ND	175	87.6	200	0.715	
DRO >C10-C28	<10.0	10.0	09/24/2011	ND	173	86.5	200	0.789	
Surrogate: 1-Chlorooctane	129	% 55.5-15	4						
Surrogate. 1-Chlorooctadecane	123	% 57.6-15	8						

Sample ID: S-2 EASTSIDE WALL (H102000-02)

Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1140	16.0	09/21/2011	ND	416	104	400	3.77	

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 dause whatsoever shall be deemed waved unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Candings without imiliation, business interruptions, loss of use, or loss of profits incurred by client, its subsidianes, affiliates or successors ansing out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above This report shall not be reproduced except in full with written approval of Cardinal Laboratones

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



TALON LPE MIKE STUBBLEFIELD 408 W. TEXAS AVE. ARTESIA NM, 88210

Fax To: (575) 745-8905

Received:

09/20/2011

Sampling Date:

09/20/2011

Reported:

10/13/2011

Sampling Type:

Soil

Project Name:

CONOCO 7 STATE #12

Sampling Condition:

Cool & Intact

Project Number:

701407.002.01

Sample Received By:

Jodi Henson

Project Location:

SEC. 7- T19S- R29E

Sample ID: S-3 SOUTHSIDE WALL (H102000-03)

Chloride, SM4500CI-B	mg	/kg	Analyze	d By: HM					<u></u>
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	6560	16.0	09/21/2011	ND	416	104	400	3.77	
Sample ID: S-4 WESTSID	E WALL (H102	2000-04)							
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	960	16.0	09/21/2011	ND	416	104	400	3.77	

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed wahred 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 subsidianes, affiliates or successors ansing out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey & Keine



Notes and Definitions

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

** Samples not received at proper temperature of 6°C or below.

*** Insufficient time to reach temperature.

Chloride by SM4500Cl-B does not require samples be received at or below 6°C

Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE. Uability and Damages. Cardnal'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 waved 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 substitutions is based upon any of the above stated reasons or otherwise. Results related into the reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keine

Celey D. Keene, Lab Director/Quality Manager



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: Talon / LPE									BILL TO ANALYSIS REQUEST																
Project Manage	m Mike (Stubble	field						P	.O. i	ŧ.									•]						
Address:	408 W TOXAL	Avc.						С	omp	any	: 7	Talan/	LPE				1					İ			
City:	ActesiA	Stato: ルカ	Zig	: 8	324	2		A	ttn:							1			1					}	l
Phone #:	505-441-7254	Fax#:						A	Address:							}				1			l		
Project #:	701407 002.0		r: 🗘	ven	tum	Res.	Man	<u>, c</u>	City:								}	1	1	1		1			
Project Name:	Conoco D ST	Atc No 12							State: Zip:									1		1		1			
Project Location	n: scc. 2-7199	-RZ9F						PI	Phono #:						Ì	1	Ì	Ì	1	1	Ì	1	ĺ		1
Project Location: 500 2-T195-RZ9F Sampler Name: 75 Kc (STANGLA)								F	文技				`			1			1	1			{		'
FOR LAS USE ONLY	, ,					MA	RIX	_	PR	ESE	RV.	SAMPI	ING	1 = 5	3			İ		1	Ì	1	ļ		
Lab I.D. #102000-	Sample I.	D.	(G)RAB OR (C)OMP	# CONTAINERS	GROUNDWATER	SOIL	OIL	OTHER:	ACID/BASE:	ICE/COOL	OTHER:	DATE	ТИЕ	Total Chapila	Hall wision	8021 BTEK								Í	
	5-1 North side w	10 11	a			U				V		9/20/201	8:3500	V	>	1									
177	S. 1 Exterile	re 11	G			7		T_		5			8:41 Am	4											
<u> </u>	S 3 South side w	a 11	S			8				1		9 20/201	8:54Am	V _		<u> </u>									
04	5-4 Westside wa	111	5			1		_	_	5		9/70/701	9:01 AM	1		<u> </u>		<u> </u>	<u> </u>	<u> </u>	ļ				
					_ _	_		_				<u>'</u>					<u> </u>	 	<u> </u>	<u> </u>	<u> </u>				
							1	╀-	↓_	_	_		ļ				ļ	 	—	<u> </u>	├ —		<u> </u>		<u> </u>
	· · · · · · · · · · · · · · · · · · ·		L.,		+	4-1		4-	.		4		ļ			ļ		┼—		 -	├	 			
	<u> </u>		-	\vdash		+1		 	}	\dashv]		 -	}	 	- }	 	├		-		
	<u> </u>		\vdash	\vdash		+		╀	1	\dashv	-		 			 -		┼─	-	┼──	├	 			
cyclyses. All slains include	d Dommgen, Gelcling's lightly and offer is lineas for recifigates and any ether or striked he liable for incidental or conseq up out of or released in the performance o	b od liade wycegiadw sauc	comod	water	i Unique i	mode in	writings a	id rosi	tvod by	Cont	kal w	ithin 30 days all	er consplation of D	w upplicat	ia	l	l <u>.</u>	.L	<u> </u>	<u>l</u>	<u></u>				L
Relinquished By	(: : : : : : : : : : : : : : : : : : :	Date: ;			ed ly		7				-1 1419	Wasan garant	Phone Re	sult:	∐ Ye		No No		Phone	# <u>;</u>					
mae SCAN Relinquished By	y-l/	Time:	Red) Seiv	of By		(l	21	1	L	<u> </u>	<u>/</u> .	Pax Resul REMARKS		O Ye	<u>s U</u>	NO	Maari	Fex #:						
Delivered By: (Circle One) Sample Condition							tign CHECKED,BY:									1									
Sampler - UPS	- Bus - Other:	<i>3</i> ,5	(ĵ.	Yes No	Ye	O		Č	0														

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

FINAL C-141

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

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

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

Form C-141 Revised October 10, 2003

Release Notification and Corrective Action

> 3c	4					OPERA	ror		☐ Initial Report ☐ Final Rep						
				Management, LI		Contact: Garrett Newton									
			Artesia, N	lew Mexico 882			No.: 575-513-0	230							
Facility Na	me : Cónoc	o 7 State #12				Facility Typ	e: WIW			,					
Surface Ow	ner : State		-(1	Mineral O	wner	State			Lease 1 2RP-60	No. : API #3 I	0-015-	-25160			
	. 50 1				TIO	N OF REI	LEASE								
Unit Letter K	Section 7	Township 198	Range 29E	Feet from the 1880'.	North South	/South Line	Feet from the 1980'	East/\ West	West Line	County E	ddy				
			Latitu	de <u>32.67308 N</u>	[Longitud	e <u>-104.11502</u>	<u>W</u>							
<u>-</u>				NAT	URE	OF REL					. =				
Type of Rele						~	Release: 20 bbl			Recovered:					
Source of Re			ne 			1/21/2011		ce: 	Date and 9:00 am	Hour of Dis	covery	: 1/21/201	11 		
Was Immedi	ate Notice C		Yes [No Not Re	quired	If YES, To Mike Brate	Whom? her, NMOCD, v	oicemai	1						
By Whom?	Mike Stubbl	efield				Date and Hour: 1/21/2011 1:55 pm									
Was a Water		hed?	Yes 🗵] No		If YES, Volume Impacting the Watercourse.									
Describe Cau The filter loc transported to	ated on the i	njection line	leaked. T	n Taken.* he impacted area v	vas exc	avated to 1-fo	ot deep, analytic	al testin	g was comp	oleted and th	e impa	cted soil w	vas		
Describe Are	ea Affected excavated	and Cleanup to a depth o	Action T	aken.* Talon/LP eep and a 20 mil											
I hereby certi regulations a public health should their of	fy that the in all operators and or the environment. In ad- ament. In ad-	nformation giare required to onment. The ave failed to a dition, NMO	report an acceptance dequately CD accep	is true and completed of a C-141 report investigate and retained of a C-141 report tance of a C-141 reference of a	lease not the the the the the the the the the th	otifications ar e NMOCD ma e contamination	nd perform correct arked as "Final R on that pose a three the operator of	etive act eport" deat to greespons	ions for rele loes not rele round water ibility for co	eases which eve the oper surface wa ompliance w	may er ator of ter, hur ith any	idanger liability man health	h		
	,	Ata					OIL CON	SERV	ATION	DIVISIO	N				
Signature.	Zam	H ZZ						*		•					
Printed Name	: Garrett N	ewton_				Approved by	District Supervis	or:							
Title: Field S	Supervisor					Approval Date	e:	. 1	Expiration 1	Date:					
E-mail Addre	ess: gnewton	n@pvtnetworl	ks.net			Conditions of	Approval:			Attached					
Date: 1/3/12			575-513-	0230											
Attach Addit	tional Shee	ts If Necessa	ary												