

Mike Braswell
Devon Energy Corporation

Mr. Braswell,

Here is the summary of activities for the Devon – Turquoise PWD 27 No. 5H –
API # 30-015-40583 – UL A, Sec. 27, T19S, R29E

Summary of Activities:

AMARILLO

921 North Bivins
Amarillo, Texas 79107
Phone 806.467.0607
Fax 806.467.0622

ARTESIA

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

AUSTIN

911 West Anderson Lane
Suite 202
Austin, Texas 78757
Phone 512.989.3428
Fax 512.989.3487

HOBBS

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

MIDLAND

2901 State Hwy 349
Midland, Texas 79706
Phone 432.522.2133
Fax 432.522.2180

SAN ANTONIO

11 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

5/6/13

- Travel to and from site; construct site diagram, collected soil samples from area located under former temporary pit.

5/7/13

- Prepare samples to be delivered to Cardinal Laboratories.

5/9/13

- Site map was completed by drafter. The site map illustrating the sample locations is attached.
- Analytical results and a project status report were sent to you.

5/13/13

- Travel to and from location, collected soil samples from under former temporary pit location.
- Tested soil samples using the field titration test method for chlorides.

5/21/13

- A call was placed to NM “OneCall” regarding locating any underground lines in the area.

5/30/13

- Begin excavation of the area. The area was excavated to a depth of 3 to 6 inches and transported to Controlled Recovery Inc, Permit No. 6.
- Soil samples were collected from the excavated area and tested using the field titration test method for chlorides on site.
- The caliche from the south side of location was bladed to backfill the excavated area. The area was rolled, watered and bladed to recontour this area of the location.

5/31/13

- The excavated area was backfilled, rolled, watered and recontoured.

ENVIRONMENTAL CONSULTING
ENGINEERING
DRILLING
CONSTRUCTION
SPILL MANAGEMENT
GENERAL CONTRACTING

Analytical Results

Results from field titration test method sampling activities on May 8, 2013:

Sample ID	Chlorides (mg/kg)
S-1 6"	141
S-2 6"	141
S-3 6"	212
S-4 6"	354
S-5 6"	141

Analytical results detailed on the attached laboratory report are summarized below:

Results from sampling activities on May 9, 2013:

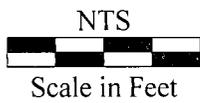
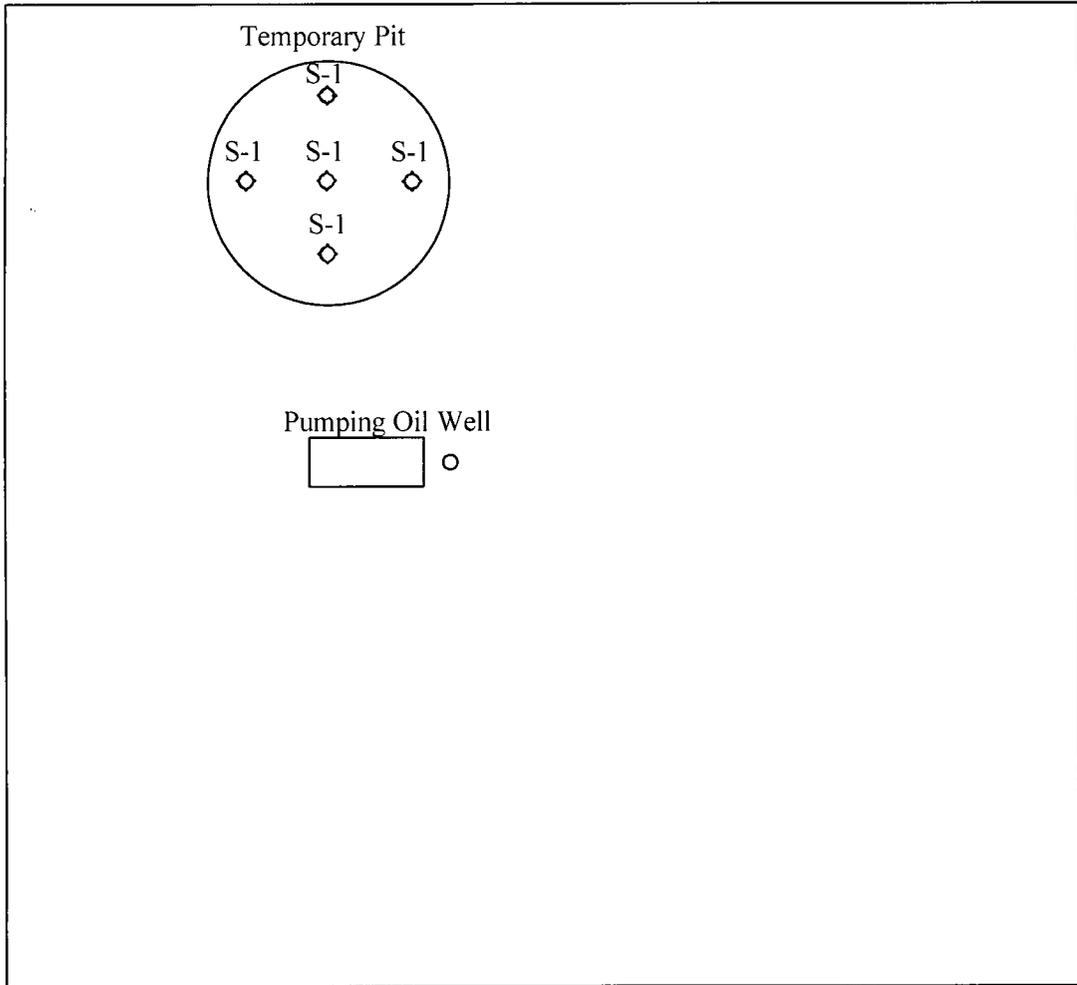
Sample ID	BTEX (mg/kg)	Chlorides (mg/kg)	TPH 8015M (mg/kg) GRO	TPH 8015M (mg/kg) DRO	TPH 418.1 (mg/kg)
S-1 0'	<0.300	1760	<10	<10	<100

Results from field titration test method sampling activities on May 30, 2013, on location:

Sample ID	Chlorides (mg/kg)
S-1 3"	2061
S-1 6"	141
S-2 3"	282
S-3 3"	1923
S-3 6"	282
S-4 3'	687
S-4 6"	141
S-5 3"	141

Results from field titration test method sampling activities on June 18, 2013:

Sample ID	Chlorides (mg/kg)
S-1 6"	160
S-2 3"	416
S-3 6"	400
S-4 6"	176
S-5 3"	96



Legend
 ◊ - Sample Location



Date: 05/09/2013
 Scale: NTS
 Drawn By: TJS

Turquoise PWD 27 No. 5
 Devon Energy Corporation
 Eddy County, New Mexico
 Figure 1 - Site Plan



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

May 09, 2013

MIKE STUBBLEFIELD

TALON LPE

408 W. TEXAS AVE.

ARTESIA, NM 88210

RE: TURQUOISE PWU 27 NO. 5H

Enclosed are the results of analyses for samples received by the laboratory on 05/07/13 14:20.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-11-3. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive style with a large, prominent initial "C".

Celey D. Keene

Lab Director/Quality Manager

Analytical Results For:

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

Received:	05/07/2013	Sampling Date:	05/06/2013
Reported:	05/09/2013	Sampling Type:	Soil
Project Name:	TURQUOISE PWU 27 NO. 5H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	SEC. 27 - T19S - R29E		

Sample ID: S-1 (H301082-01)

BTEX 8021B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/08/2013	ND	1.77	88.3	2.00	16.2		
Toluene*	<0.050	0.050	05/08/2013	ND	1.64	82.0	2.00	14.5		
Ethylbenzene*	<0.050	0.050	05/08/2013	ND	1.73	86.7	2.00	16.9		
Total Xylenes*	<0.150	0.150	05/08/2013	ND	5.13	85.5	6.00	16.3		
Total BTEX	<0.300	0.300	05/08/2013	ND						

Surrogate: 4-Bromofluorobenzene (PIC) 108 % 89.4-126

Chloride, SM4500Cl-B		mg/kg		Analyzed By: DW						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1760	16.0	05/08/2013	ND	432	108	400	0.00		

TPH 418.1		mg/kg		Analyzed By: AM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
TPH 418.1	<100	100	05/08/2013	ND	2370	95.0	2500	3.60		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	05/07/2013	ND	204	102	200	9.74		
DRO >C10-C28	<10.0	10.0	05/07/2013	ND	194	97.1	200	14.3		

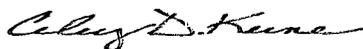
Surrogate: 1-Chlorooctane 97.2 % 65.2-140

Surrogate: 1-Chlorooctadecane 102 % 63.6-154

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* = Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

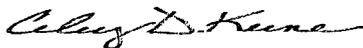
Notes and Definitions

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

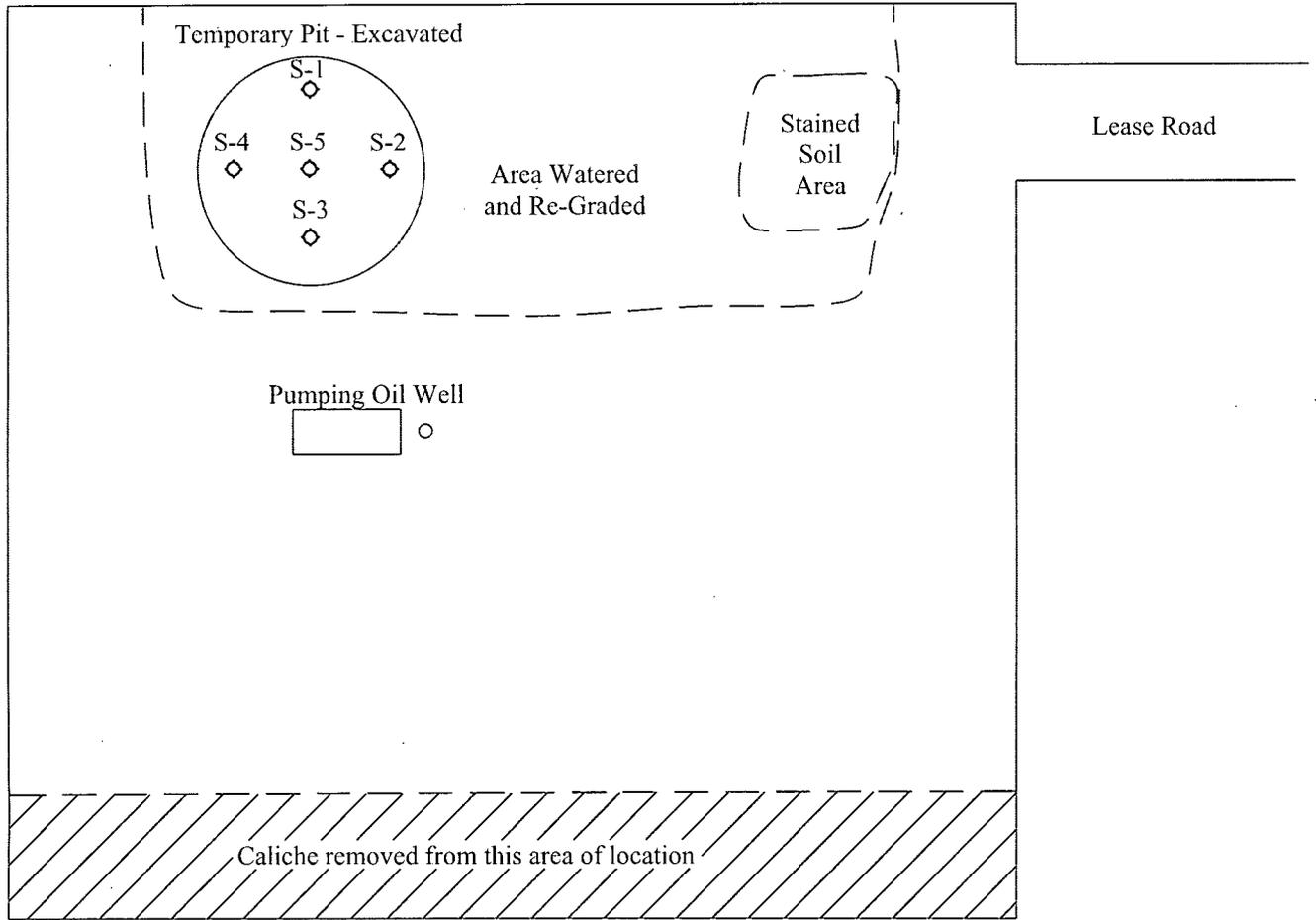
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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



Legend
 ◇ - Sample Location



Date: 06/06/2013

Scale: NTS

Drawn By: TJS

Turquoise PWD 27 No. 5
 Devon Energy Corporation
 Eddy County, New Mexico
 Figure 1 - Site Plan



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

June 18, 2013

DAVID ADKINS

TALON LPE

408 W. TEXAS AVE.

ARTESIA, NM 88210

RE: TURQUOISE PWU 27 NO. 5H

Enclosed are the results of analyses for samples received by the laboratory on 05/30/13 16:03.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-11-3. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene".

Celey D. Keene

Lab Director/Quality Manager

Analytical Results For:

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

Received:	05/30/2013	Sampling Date:	05/30/2013
Reported:	06/18/2013	Sampling Type:	Soil
Project Name:	TURQUOISE PWU 27 NO. 5H	Sampling Condition:	** (See Notes)
Project Number:	700794.7101	Sample Received By:	Jodi Henson
Project Location:	SEC. 27 - T19S - R29E		

Sample ID: S-1 0.5' (H301275-01)

Chloride, SM4500Cl-B		mg/kg	Analyzed By: DW							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	160	16.0	06/18/2013	ND	432	108	400	0.00		

Sample ID: S-2 3" (H301275-02)

Chloride, SM4500Cl-B		mg/kg	Analyzed By: DW							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	416	16.0	06/18/2013	ND	432	108	400	0.00		

Sample ID: S-3 0.5' (H301275-03)

Chloride, SM4500Cl-B		mg/kg	Analyzed By: DW							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	400	16.0	06/18/2013	ND	432	108	400	0.00		

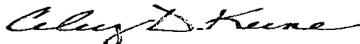
Sample ID: S-4 0.5' (H301275-04)

Chloride, SM4500Cl-B		mg/kg	Analyzed By: DW							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	176	16.0	06/18/2013	ND	432	108	400	0.00		

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* = Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

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

Received:	05/30/2013	Sampling Date:	05/30/2013
Reported:	06/18/2013	Sampling Type:	Soil
Project Name:	TURQUOISE PWU 27 NO. 5H	Sampling Condition:	** (See Notes)
Project Number:	700794.7101	Sample Received By:	Jodi Henson
Project Location:	SEC. 27 - T19S - R29E		

Sample ID: S-5 3" (H301275-05)

Chloride, SM4500Cl-B

mg/kg

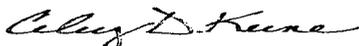
Analyzed By: DW

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	06/18/2013	ND	432	108	400	0.00	

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Celey D. Keene, Lab Director/Quality Manager

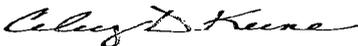
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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

