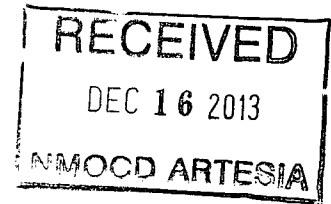


BOPCO



Poker Lake Unit #114

CLOSURE REPORT

2RP-1100-0

API No. 30-015-28102

Release Date: 3/27/2012

Unit Letter F, Section 36, Township 24 South, Range 30 East

December 12, 2013

Prepared by:

Environmental Department
Diversified Field Service, Inc.

3412 N. Dal Paso

Hobbs, NM 88240

Phone: (575)964-8394

Fax: (575)393-8396

Table of Contents

- 1 Introduction
- 2 Site Activities
- 3 Conclusion

Figure – Site Diagram with Sample Data

APPENDICES

Appendix I – Initial Form C-141

Appendix II – Site Photographs

Appendix III – Groundwater Data

Appendix IV – Laboratory Analyses

Poker Lake Unit #114

1 INTRODUCTION

Bass Enterprises Production Company (Bopco) has retained Diversified Field Service, Inc. (DFSI) to address environmental issues for the site detailed herein.

The site is located southeast of Carlsbad, NM, in Eddy County. The site resulted from an accidental opening of a 1/2 inch valve on the well head. The leak released produced water and crude oil onto approximately 2,400 square feet of the well pad. The valve handle was removed and the valve was plugged. An initial form C-141 was submitted to the NMOCD on April 10, 2012 (Appendix I).

2 SITE ACTIVITIES

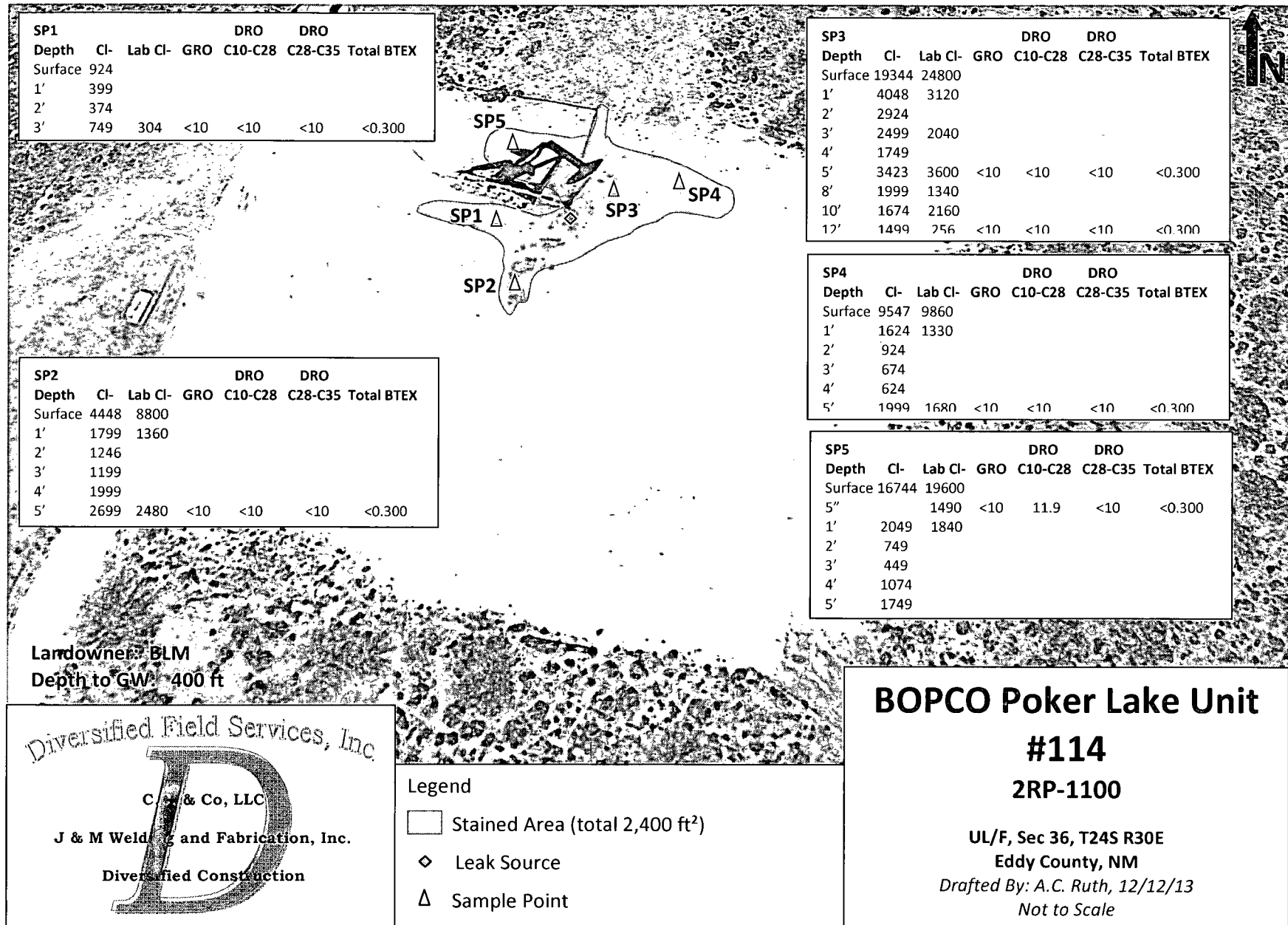
On October 23, 2013, DFSI personnel collected soil samples by hand auger from the site (Figure). The samples were field screened for chloride and headspace measurements, were collected using a photoionization detector (PID). The sample auger was refused after the 5 foot samples were collected. Samples were submitted to a commercial laboratory for chloride, TPH (GRO/DRO), and BTEX analyses (Appendix IV). On October 31, 2013, DFSI personnel returned to collect additional soil samples at SP3 using a backhoe to determine the total depth of impact at the site. Samples were collected to 12 feet below ground surface (bgs) at which point chloride decreased to 256 mg/kg. GRO, DRO (C10-C28), and DRO (C28-C35) were each less than 10 mg/kg.

DFSI personnel excavated the site to 2 feet bgs and installed a reinforced 20 mil plastic liner at that depth. Impacted soils were removed to a NMOCD approved disposal facility. The excavation was backfilled with a 1 foot lift of pad sand above the plastic liner. The excavation was capped with a 1 foot lift of caliche, and the site was leveled. Photographs of site activities can be viewed in Appendix II.

3 CONCLUSION

According to the U.S. Geological Survey and the NM Office of the State Engineer, depth to groundwater within two miles of the site is approximately 400 ft. bgs (Appendix III). Based on the removal of soils containing elevated chloride and visual staining, and the installation of a liner, Bopco respectfully requests the closure of the regulatory file for the site.

Figure: Site Diagram with Sample Data



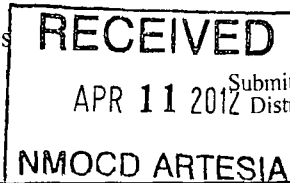
Appendix I

INITIAL FORM C-141

Diversified Field Service, Inc.
3412 N. Dal Paso
Hobbs, NM 88240
(575) 964-8394

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



Form C-141
Revised October 10, 2003
Submit 2 Copies to appropriate
District Office in accordance
with Rule 116 on back
side of form

30-015-28102

Release Notification and Corrective Action

MLB 1211158154

OPERATOR

☒ Initial Report ☐ Final Report

Name of Company BOPCO, L.P.	260737	Contact Tony Savoie
Address 522 W. Mermod, Suite 704 Carlsbad, N.M. 88220		Telephone No. 432-556-8730
Facility Name Poker Lake Unit #114		Facility Type E&P

Surface Owner State Of N.M.	Mineral Owner State of N.M.	Lease No. 8910000303E
-----------------------------	-----------------------------	-----------------------

LOCATION OF RELEASE

Unit Letter F	Section 36	Township 24S	Range 30E	Feet from the 1982	North/South Line North	Feet from the 2019	East/West Line West	County Eddy
------------------	---------------	-----------------	--------------	-----------------------	---------------------------	-----------------------	------------------------	----------------

Latitude N 32.176120 Longitude W 103.836300

NATURE OF RELEASE

Type of Release: Produced water and crude oil	Volume of Release: 10 bbls produced water and 5 bbls crude oil	Volume Recovered: 0
Source of Release: 1/2" valve on the wellhead	Date and Hour of Occurrence 3/27/12 Time unknown	Date and Hour of Discovery 3/27/12 2:00 p.m.
Was Immediate Notice Given? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Required	If YES, To Whom?	
By Whom?	Date and Hour	
Was a Watercourse Reached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse.	

If a Watercourse was Impacted, Describe Fully.*

Describe Cause of Problem and Remedial Action Taken.* A 1/2" valve on the wellhead was accidentally opened, the valve handle was removed and the valve was plugged.

Describe Area Affected and Cleanup Action Taken.* An area covering approximately 2400 sq.ft. on the caliche well pad was affected by the release, the saturated soil was scraped up and stockpiled on site. The spill will be remediated following the NMOCD guidelines for spill remediation.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the NMOCD marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

Signature: <u>Tony Savoie</u>	OIL CONSERVATION DIVISION	
Printed Name: Tony Savoie	Approved by <u>Mike Benavides</u>	
Title: Waste Mgmt. & Remediation Specialist	Approval Date: <u>APR 20 2012</u>	Expiration Date:
E-mail Address: TASavoie@BassPet.com	Conditions of Approval: Remediation per OCD Rules & Guidelines. SUBMIT REMEDIATION	Attached <input type="checkbox"/>
Date: 4/10/12 Phone: 432-556-8730	PROPOSAL NOT LATER THAN: <u>5/20/2012</u>	

* Attach Additional Sheets If Necessary

2RP-1100

Appendix II

SITE PHOTOGRAPHS

Diversified Field Service, Inc.
3412 N. Dal Paso
Hobbs, NM 88240
(575) 964-8394

BOPCO PLU #114

Unit Letter F, Section 36, T24S R30E



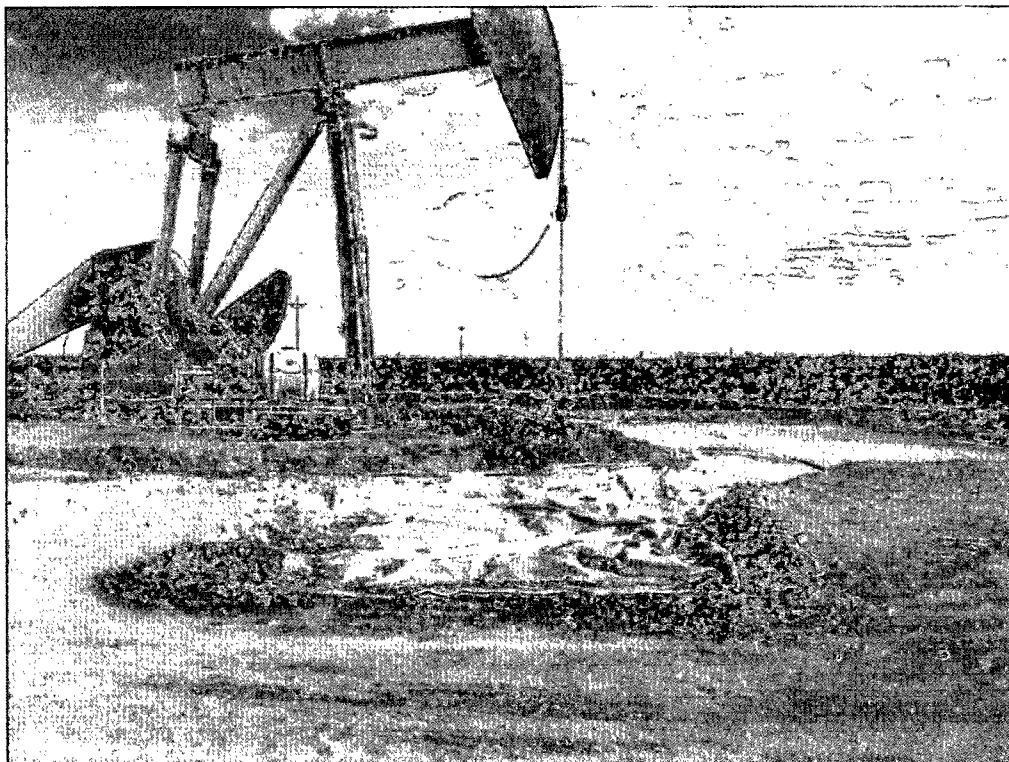
Sign marking location 10/26/13



Spill location SW of lease road 10/26/13



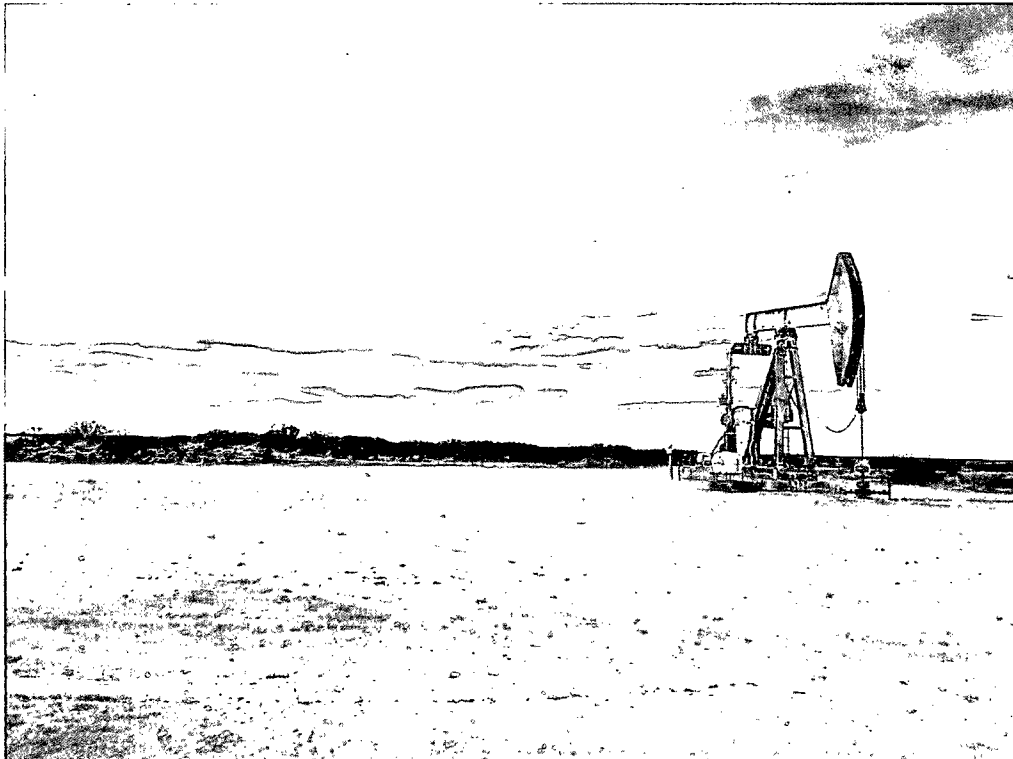
Soil excavation 11/02/13



Installation of liner 11/02/13



Backfill of lined area 11/16/13



Site at completion 12/3/13

Appendix III

GROUNDWATER DATA

Diversified Field Service, Inc.
3412 N. Dal Paso
Hobbs, NM 88240
(575) 964-8394

DEPTH TO GROUNDWATER

BOPCO PLU #114

UL: F Sec: 36 T: 24S R: 30E

Groundwater Depth: ~118 ft. averaged

○ = NM Office of the State Engineer

NMOCD GW trend map - 200 to 225 ft bgs

● = U.S. Geological Survey (unknown well)

Date: 11/11/13

✕ = Site Location

By: Amy Ruth

			354' S Labs MON	
10' IMC K 16' Mosaic MON 38' JG IRR 30' SF Energy PRO/DEV	28' IMC K 44' Mosaic MON 18' IMC K 23S 29E	85' JM Trst COM 440' BLM STK 23S 30E	168' USBLM STK 125' JM Trst STK 160' Texaco/PRO, GRR&CM/IRR 23S 31E	
36' SWS Co MON 26' SWS Co MON 4' USGS PRO/DEV	18' RBWPC Dist ND 24S 29E	186' M&M Cattle Co. STK 24S 30E	205' Com of Pub Lands PRO 400' CW McDonald STK 24S 31E	
40' Gulf Oil PRO/DEV	40' AGC DOM 60' TKWC Bank STK 30' JN STK 25S 29E	25S 30E	390' BJT STK 25S 31E	



New Mexico Office of the State Engineer



























Water Column/Average Depth to Water

(A CLW#### in the POD suffix indicates the POD has been replaced & no longer serves a water right file.)

(R=POD has been replaced,
O=orphaned,
C=the file is closed)

(quarters are 1=NW 2=NE 3=SW 4=SE)
(quarters are smallest to largest) (NAD83 UTM in meters)

(In feet)

	POD														
	Sub-		Q	Q	Q										
POD Number	Code	basin	County	64	16	4	Sec	Tws	Rng	X	Y	Depth	Depth	Water	
												Well	Water	Column	
C 00571	C	ED	1	3	3	30	23S	29E		591241	3570957* 	89	38	51	
C 00571 CLW241602	O	ED	3	3	3	30	23S	29E		591241	3570757* 	89	38	51	
C 01217 S		ED	4	1	4	16	23S	29E		595413	3574403* 	350			
C 01627	C	ED	1	4	4	28	23S	29E		595649	3570959* 	170			
C 02182	C	ED			4	30	23S	29E		592328	3571048* 	75	30	45	
C 02608		ED	3	1	4	17	23S	29E		593598	3574387* 	400			
C 02613		ED	4	4	2	20	23S	29E		594203	3573176* 	400			
C 02704	C	ED			1	19	23S	29E		591531	3573493* 	174			
C 02705	C	ED			2	17	23S	29E		593902	3575093* 	68	28	40	
C 02706	C	ED			4	18	23S	29E		592302	3574291* 	17	10	7	
C 02707	C	ED			2	28	23S	29E		595535	3571868* 	40	18	22	
C 02715		ED	4	1	3	15	23S	29E		596221	3574411* 	400			
C 02716		ED	4	4	4	16	23S	29E		595818	3574002* 	400			
C 02717		ED	4	2	4	16	23S	29E		595817	3574407* 	400			
C 02718		ED	4	4	2	16	23S	29E		595816	3574812* 	400			
C 02720		ED		2	1	21	23S	29E		594911	3573690* 	150			
C 02721		ED		2	3	21	23S	29E		594915	3572879* 	150			
C 02792		ED		4	3	04	23S	29E		594868	3577336* 	200			
C 02793		ED		4	3	04	23S	29E		594868	3577336* 	100			
C 02794		ED		4	3	10	23S	29E		596518	3575731* 	100			
C 02795		ED		4	3	10	23S	29E		596518	3575731* 	200			
C 02797		ED		2	3	22	23S	29E		596540	3572895* 	200			
C 02804		ED		2	1	08	23S	29E		593262	3576905* 	100			
C 02805		ED		2	1	08	23S	29E		593262	3576905* 	100			
C 02806		ED		1	1	09	23S	29E		594473	3576927* 	100			
C 02807		ED		1	1	09	23S	29E		594473	3576927* 	100			

*UTM location was derived from PLSS - see Help








(A CLW##### in the
POD suffix indicates the
POD has been replaced
& no longer serves a
water right file.)

(R=POD has
been replaced,
O=orphaned,
C=the file is
closed)

(quarters are 1=NW 2=NE 3=SW 4=SE)

(quarters are smallest to largest) (NAD83 UTM in meters)

(In feet)

POD Number	POD		Q Q Q							X	Y	Depth Well	Depth Water	Water Column	
	Sub-Code	basin	County	64	16	4	Sec	Tws	Rng						
<u>C 02808</u>			ED	2	3	16	23S	29E	594909	3574501*		100			
<u>C 02809</u>			ED	2	3	16	23S	29E	594909	3574501*		100			
<u>C 03057 EXPLORE</u>			ED	4	1	1	21	23S	29E	594605	3573586*		150		
<u>C 03058 EXPLORE</u>			ED	4	1	1	16	23S	29E	594605	3575206*		150		
<u>C 03059 EXPLORE</u>			ED	4	1	3	17	23S	29E	592993	3574378*			65	
<u>C 03587 POD1</u>	C		ED	1	4	3	29	23S	29E	593338	3570754		99	44	55
<u>C 03587 POD2</u>	C		ED	1	2	4	19	23S	29E	592213	3572706		77	16	61

Average Depth to Water: **31 feet**

Minimum Depth: **10 feet**

Maximum Depth: **65 feet**

Record Count: 33

PLSS Search:



Township: 23S

Range: 29E

*UTM location was derived from PLSS - see Help

The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.



WR File Nbr	Sub basin	Use	Diversion	Owner	County	POD Number	Code	Grant	(quarters are smallest to largest) (NAD83 UTM in meters)									
									Source	6416	4	Sec	Tws	Rng	X	Y		
<u>C 00571</u>	C	IRR	362.4	JOHNNIE GIOVENGO, JR.	ED	<u>C 00571</u>			Shallow	1	3	3	30	23S	29E	591241	3570957*	
<u>C 03121</u>	C	DOL	3	JOHNNIE GIOVENGO, JR.	ED	<u>C 00571</u>			Shallow	1	3	3	30	23S	29E	591241	3570957*	

ACTIVE & INACTIVE POINTS OF DIVERSION



New Mexico Office of the State Engineer

Active & Inactive Points of Diversion

(with Ownership Information)

(acre ft per annum)					(R=POD has been replaced and no longer serves this file, C=the file is closed)		(quarters are 1=NW 2=NE 3=SW 4=SE) (quarters are smallest to largest) (NAD83 UTM in meters)			
WR File Nbr	Sub basin	Use	Diversion	Owner	County	POD Number	Code	Grant	Source	q q q
C 02182	C	PRO	0	SANTA FE ENERGY	ED	C 02182			Shallow	6416 4
										Sec Tws Rng
										X Y
										592328 3571048*

Record Count: 1

POD Search:

POD Number: C 02182

Sorted by: File Number

*UTM location was derived from PLSS - see Help

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New Mexico Office of the State Engineer

Active & Inactive Points of Diversion

(with Ownership Information)

		(acre ft per annum)																
WR File Nbr	Sub	basin	Use	Diversion	Owner	County	POD Number	Code	Grant	Source	q	q	q	Sec	Tws	Rng	X	Y
C 02705	C				0 IMC KALIUM	ED	C 02705			Shallow	6	4	1	2	17	23S 29E	593902	3575093*

Record Count: 1

POD Search:

POD Number: C 02705

Sorted by: File Number

*UTM location was derived from PLSS - see Help

The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.

11/12/13 10:46 AM

Page 1 of 1

ACTIVE & INACTIVE POINTS OF DIVERSION



New Mexico Office of the State Engineer

Active & Inactive Points of Diversion

(with Ownership Information)

		(acre ft per annum)																
WR File Nbr	Sub	basin	Use	Diversion	Owner	County	POD Number	Code	Grant	Source	q q q	6416 4	Sec	Tws	Rng	X	Y	
C 02707	C			0	IMC KALIUM	ED	C 02707			Shallow	2	28	23S	29E	595535	3571868*		

Record Count: 1

POD Search:

POD Number: C 02707

Sorted by: File Number

*UTM location was derived from PLSS - see Help

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New Mexico Office of the State Engineer

Active & Inactive Points of Diversion

(with Ownership Information)

		(acre ft per annum)			(R=POD has been replaced and no longer serves this file, C=the file is closed)	(quarters are 1=NW 2=NE 3=SW 4=SE) (quarters are smallest to largest) (NAD83 UTM in meters)
WR File Nbr	Sub basin Use Diversion Owner		County	POD Number	Code Grant	Source
C 03587	MON 0 MOSAIC POTASH CARLSBAD INC		ED	C 03587 POD1		Shallow 1 4 3 29 23S 29E 593337 3570754

Record Count: 1

POD Search:

POD Number: C 03587 POD1

Sorted by: File Number

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New Mexico Office of the State Engineer

Active & Inactive Points of Diversion

(with Ownership Information)

										(R=POD has been replaced and no longer serves this file, (quarters are 1=NW 2=NE 3=SW 4=SE) C=the file is closed) (quarters are smallest to largest) (NAD83 UTM in meters)									

Record Count: 1

POD Search:

POD Number: C 02095

Sorted by: File Number

*UTM location was derived from PLSS - see Help

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New Mexico Office of the State Engineer

















Water Column/Average Depth to Water

(A CLW##### in the
POD suffix indicates the
POD has been replaced
& no longer serves a
water right file.)

(R=POD has
been replaced,
O=orphaned,

C=the file is (quarters are 1=NW 2=NE 3=SW 4=SE)

closed) (quarters are smallest to largest) (NAD83 UTM in meters) (In feet)

POD Number	POD		Q Q Q							X	Y	Depth Well	Depth Water	Water Column	
	Sub-Code	basin	County	64	16	4	Sec	Tws	Rng						
<u>C 02258</u>	C	ED		3	2	26	23S	31E	618055	3571853*		662			
<u>C 02348</u>	C	ED		1	4	3	26	23S	31E	617648	3571068		500		
<u>C 02492</u>		ED		4	4	4	06	23S	31E	612056	3577320*		135	85	50
<u>C 02492 POD2</u>	C	ED		3	2	2	07	23S	31E	611767	3576996		400	125	275
<u>C 02664</u>		ED		3	3	2	05	23S	31E	613049	3578138*		4291	354	3937
<u>C 02725</u>		ED		1	1	1	05	23S	31E	612240	3578731*		532		
<u>C 02773</u>		ED		4	1	3	03	23S	31E	615668	3577762*		880		
<u>C 02774</u>		ED		3	1	3	04	23S	31E	613857	3577745*		1660		
<u>C 02775</u>		ED		1	1	1	05	23S	31E	612240	3578731*		529		
<u>C 02776</u>		ED		2	1	1	05	23S	31E	612440	3578731*		661		
<u>C 02777</u>		ED		2	2	2	15	23S	31E	616905	3575562*		1001		
<u>C 02865</u>		ED		4	4	4	06	23S	31E	612056	3577320*		174		
<u>C 02954 EXPL</u>		ED		3	1	4	20	23S	31E	613114	3572906*		905		
<u>C 03140</u>		ED		4	2	4	04	23S	31E	615266	3577758*		684		
<u>C 03351</u>	C	ED		4	1	4	04	23S	31E	614917	3577861		320	168	152
<u>C 03520 POD1</u>	C	ED		3	1	1	07	23S	31E	610733	3576905		500		

Average Depth to Water: **183 feet**

Minimum Depth: **85 feet**

Maximum Depth: **354 feet**

Record Count: 16

PLSS Search:

Township: 23S

Range: 31E

*UTM location was derived from PLSS - see Help

The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.



New Mexico Office of the State Engineer

Active & Inactive Points of Diversion

(with Ownership Information)

										(R=POD has been replaced and no longer serves this file, (quarters are 1=NW 2=NE 3=SW 4=SE) C=the file is closed) (quarters are smallest to largest) (NAD83 UTM in meters)									
										</									

Record Count: 2

POD Search:

POD Number: C 02492

Sorted by: File Number

*UTM location was derived from PLSS - see Help

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New Mexico Office of the State Engineer

Active & Inactive Points of Diversion

(with Ownership Information)

										(R=POD has been replaced and no longer serves this file, (quarters are 1=NW 2=NE 3=SW 4=SE) C=the file is closed) (quarters are smallest to largest) (NAD83 UTM in meters)									



New Mexico Office of the State Engineer

Active & Inactive Points of Diversion

(with Ownership Information)

					(R=POD has been replaced and no longer serves this file, (quarters are 1=NW 2=NE 3=SW 4=SE) C=the file is closed) (quarters are smallest to largest) (NAD83 UTM in meters)												
(acre ft per annum)																	
Sub					q q q												
WR File Nbr	basin	Use	Diversion	Owner	County	POD Number	Code	Grant	Source	6416 4	Sec	Tws	Rng	X	Y		
C 02664		MON		0 SANDIA NATIONAL LABORATORIES	ED	C 02664			Shallow	3	3	2	05	23S	31E	613049	3578138*

Record Count: 1

POD Search:

POD Number: C 02664

Sorted by: File Number

*UTM location was derived from PLSS - see Help

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New Mexico Office of the State Engineer

Active & Inactive Points of Diversion

(with Ownership Information)

(R=POD has been replaced
and no longer serves this file, (quarters are 1=NW 2=NE 3=SW 4=SE)
C=the file is closed) (quarters are smallest to largest) (NAD83 UTM in meters)

WR File Nbr	Sub basin	Use	Diversion	Owner	County	POD Number	Code Grant	Source	q q q	Sec	Tws	Rng	X	Y
C 03351	C	STK	3	UNITED STATES BUREAU OF LAND MANAGEMENT	ED	C 03351		Shallow	4 1 4	04	23S	31E	614916	3577861

Record Count: 1

POD Search:

POD Number: C 03351

Sorted by: File Number

The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.



New Mexico Office of the State Engineer

Water Column/Average Depth to Water

(A CLW#### in the
POD suffix indicates the
POD has been replaced
& no longer serves a
water right file.)

(R=POD has
been replaced,
O=orphaned,

C=the file is (quarters are 1=NW 2=NE 3=SW 4=SE)

closed) (quarters are smallest to largest) (NAD83 UTM in meters)

(In feet)

POD Number	POD		Sub-	Q Q Q				Sec	Tws	Rng	X	Y	Depth Well	Depth Water	Water Column
	Code	basin		64	16	4	4								
<u>C 00349</u>	C	CUB	ED	1	3	18	24S	29E			591401	3564773*	2734		
<u>C 00381</u>	C	C	ED	3	2	3	07	24S	29E		591682	3566297*	2797		
<u>C 00463</u>		C	ED	4	4	4	17	24S	29E		594332	3564282*	260	4	256
<u>C 00856</u>			ED	1	2	4	30	24S	29E		592538	3561644*	380		
<u>C 00857</u>			ED	3	1	4	30	24S	29E		592135	3561440*	306		
<u>C 00862</u>			ED	1	2	4	30	24S	29E		592538	3561644*	155		
<u>C 00863</u>			ED	3	3	1	16	24S	29E		594524	3565091*	220		
<u>C 00863 CLW199506</u>	O		ED	3	3	1	16	24S	29E		594524	3565091*	220		
<u>C 02713</u>		C	ED	4	4	1	16	24S	29E		591633	3565944	230	18	212
<u>C 03615 POD1</u>		C	ED	1	3	2	06	24S	29E		591964	3568500	60	36	24
<u>C 03615 POD2</u>		C	ED	4	2	4	06	24S	29E		592661	3568013	60	26	34

Average Depth to Water: **21 feet**

Minimum Depth: **4 feet**

Maximum Depth: **36 feet**

Record Count: 11

PLSS Search:

Township: 24S

Range: 29E

*UTM location was derived from PLSS - see Help

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e, (quarters are 1=NW 2=NE 3=SW 4=SE)



(quarters are smallest to largest) (NAD83 UTM in meters)

ACTIVE & INACTIVE POINTS OF DIVERSION



(quarters are 1=NW 2=NE 3=SW 4=SE)

(quarters are smallest to largest) (NAD83 UTM in meters)

WR File Nbr	Sub				County	POD Number	Code Grant	q q q					X	Y			
	basin	Use	Diversion	Owner				Source	6416	4	Sec	Tws			Rng		
C 02713		IND	645	RED BLUFF WATER POWER CONTROL DISTRICT	ED	C 02713		Shallow	4	4	1	16	24S	29E	591633	3565944	
C 03360	C	PRO	0	REEF EXPLORATION	ED	C 02713		Shallow	4	4	1	16	24S	29E	591633	3565944	

Sorted by: File Number

ACTIVE & INACTIVE POINTS OF DIVERSION



New Mexico Office of the State Engineer

Active & Inactive Points of Diversion

(with Ownership Information)

(R=POD has been replaced
and no longer serves this file, (quarters are 1=NW 2=NE 3=SW 4=SE)
C=the file is closed) (quarters are smallest to largest) (NAD83 UTM in meters)

WR File Nbr	Sub basin Use Diversion Owner	County POD Number	Code Grant	Source	q q q	Sec	Tws	Rng	X	Y
C 03615	C MON 0 SOUTHWEST SALT COMPANY LLC	ED C 03615 POD1		Shallow	1 3 2	06	24S	29E	591963	3568500

Record Count: 1

POD Search:

POD Number: C 03615 POD1

Sorted by: File Number

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(quarters are smallest to largest) (NAD83 UTM in meters)

Shallow 4 2 4 06 24S 29E 592661 3568013

ACTIVE & INACTIVE POINTS OF DIVERSION



New Mexico Office of the State Engineer

Water Column/Average Depth to Water

(A CLW##### in the
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water right file.)

(R=POD has
been replaced,
O=orphaned,

C=the file is (quarters are 1=NW 2=NE 3=SW 4=SE)
closed) (quarters are smallest to largest)

(NAD83 UTM in meters)

(In feet)

POD Number	POD Sub-		Q Q Q			Sec	Tws	Rng	X	Y		Depth Well	Depth Water	Water Column
	Code	basin	64	16	4									
<u>C 02108</u>		ED	1	3	08	24S	30E		602702	3566487*		200	186	14
<u>C 02109</u>		ED	1	2	4	19	24S	30E	602130	3563412		130	150	-20
<u>C 02110</u>		ED	4	3	23	24S	30E		608036	3562950*		600	400	200
<u>C 02780</u>		ED	2	3	2	23	24S	30E	608535	3563857*		505		
<u>C 02781</u>		ED	4	3	2	23	24S	30E	608535	3563657*		624		
<u>C 02782</u>		ED	4	3	2	23	24S	30E	608535	3563657*		808		
<u>C 03558 POD1</u>	C	ED	1	2	2	25	24S	30E	610412	3562651		20	0	20
<u>C 03558 POD2</u>	C	ED	1	2	2	25	24S	30E	610412	3562651		20	0	20
<u>C 03558 POD3</u>	C	ED	1	2	2	25	24S	30E	610412	3562651		25	0	25
<u>C 03558 POD4</u>	C	ED	1	2	2	25	24S	30E	610412	3562651		25	0	25
<u>C 03558 POD5</u>	C	ED	1	2	2	25	24S	30E	610412	3562651		30	0	30

Average Depth to Water: **92 feet**

Minimum Depth: **0 feet**

Maximum Depth: **400 feet**

Record Count: 11

Basin/County Search:

Basin: Carlsbad

County: Eddy

PLSS Search:

Township: 24S

Range: 30E

*UTM location was derived from PLSS - see Help

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(quarters are smallest to largest) (NAD83 UTM in meters)

ACTIVE & INACTIVE POINTS OF DIVERSION



New Mexico Office of the State Engineer

Active & Inactive Points of Diversion

(with Ownership Information)

(acre ft per annum)					(R=POD has been replaced and no longer serves this file, (quarters are 1=NW 2=NE 3=SW 4=SE) C=the file is closed) (quarters are smallest to largest) (NAD83 UTM in meters)												
WR File Nbr	Sub basin	Use	Diversion	Owner	County	POD Number	Code	Grant	Source	q	q	q	Sec	Tws	Rng	X	Y
C 02110		STK		3 CLARENCE W. McDONALD	ED	C 02110			6416 4	4	3	23	24S	30E		608036	3562950*

Record Count: 1

POD Search:

POD Number: C 02110

PLSS Search:

Township: 24S Range: 30E

Sorted by: File Number

*UTM location was derived from PLSS - see Help

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New Mexico Office of the State Engineer

Water Column/Average Depth to Water

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closed) (quarters are smallest to largest) (NAD83 UTM in meters)

(In feet)

POD Number	POD Sub-		Q Q Q				Sec	Tws	Rng	X	Y	Depth Well	Depth Water	Water Column
	Code	basin	64	16	4	4								
<u>C 02405</u>	C	ED	4	1	02	24S	31E			617690	3568631*	275	160	115
<u>C 02440</u>	C	ED	2	3	10	24S	31E			616103	3566599*	350		
<u>C 02460</u>	C	ED		3	02	24S	31E			617496	3568022*	320		
<u>C 02460 POD2</u>	C	ED		3	02	24S	31E			617496	3568022*	320		
<u>C 02464</u>	C	ED	3	4	1	02	24S	31E		617589	3568530*	320	205	115
<u>C 02661</u>		ED	3	3	1	04	24S	31E		613969	3568485*	708		
<u>C 02783</u>	CUB	ED	3	3	1	04	24S	31E		613911	3568461	708		
<u>C 02783 POD2</u>	C	ED	3	3	1	04	24S	31E		613911	3568461	672		
<u>C 02784</u>	C	ED	4	2	4	04	24S	31E		613911	3568461	584		
<u>C 02785</u>		ED	3	3	1	04	24S	31E		613969	3568485*	692		

Average Depth to Water: **182 feet**

Minimum Depth: **160 feet**

Maximum Depth: **205 feet**

Record Count: 10

Basin/County Search:

Basin: Carlsbad

County: Eddy

PLSS Search:

Township: 24S

Range: 31E

*UTM location was derived from PLSS - see Help

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New Mexico Office of the State Engineer

Active & Inactive Points of Diversion

(with Ownership Information)

(acre ft per annum)										(R=POD has been replaced and no longer serves this file, (quarters are 1=NW 2=NE 3=SW 4=SE) C=the file is closed) (quarters are smallest to largest) (NAD83 UTM in meters)									
WR File Nbr	Sub	Use	Diversion	Owner	County	POD Number	Code	Grant	q q q										
	basin								Source	6416 4	Sec	Tws	Rng	X	Y				
<u>C 00225 A</u>		IRR	8.4	GREGORY ROCKHOUSE RANCH	ED	<u>C 02405</u>			Shallow	4	1	02	24S	31E	617690	3568631*			
<u>C 01246 AO</u>		IRR	47.82	CATHLEEN MC INTIRE	ED	<u>C 02405</u>			Shallow	4	1	02	24S	31E	617690	3568631*			
<u>C 02405</u>	C	PRO	0	TEXACO EXPLORATION & PROD. IND	ED	<u>C 02405</u>			Shallow	4	1	02	24S	31E	617690	3568631*			
<u>C 02452</u>	C	PRO	0	TEXACO EXPLORATION & PROD INC.	ED	<u>C 02405</u>			Shallow	4	1	02	24S	31E	617690	3568631*			
<u>C 02576</u>	C	PRO	0	SONAT EXPLORATION COMPANY	ED	<u>C 02405</u>			Shallow	4	1	02	24S	31E	617690	3568631*			

Record Count: 5

POD Search:

POD Number: C 02405

Sorted by: File Number

*UTM location was derived from PLSS - see Help

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ACTIVE & INACTIVE POINTS OF DIVERSION



New Mexico Office of the State Engineer

Water Column/Average Depth to Water

(A CLW##### in the
POD suffix indicates the
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& no longer serves a
water right file.)

(R=POD has
been replaced,
O=orphaned,
C=the file is

closed) (quarters are 1=NW 2=NE 3=SW 4=SE)
(quarters are smallest to largest) (NAD83 UTM in meters)

(In feet)

POD Number	POD		Q Q Q				Sec	Tws	Rng	X	Y	Depth Well	Depth Water	Water Column
	Sub-	Code	basin	County	64	16	4							
<u>C 01337</u>	C	ED	2	1	30	25S	29E			591926	3552642*	180	30	150
<u>C 01880</u>	C	ED	3	3	2	06	25S	29E		592161	3558605*	85	40	45
<u>C 02371</u>	C	ED	2	3	15	25S	29E			596741	3555106*	200	60	140
<u>C 02459</u>	C	ED	4	4	1	02	25S	29E		598422	3558663*	150		
<u>C 02518</u>	C	ED	3	4	08	25S	29E			593895	3556300*	462		
<u>C 02680</u>	C	ED	2	3	15	25S	29E			596741	3555106*	200		
<u>RA 07162 EXP2</u>		ED	1	3	1	10	25S	29E		596214	3557222*	55	40	15

Average Depth to Water: **42 feet**

Minimum Depth: **30 feet**

Maximum Depth: **60 feet**

Record Count: 7

PLSS Search:

Township: 25S

Range: 29E

*UTM location was derived from PLSS - see Help


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New Mexico Office of the State Engineer

Active & Inactive Points of Diversion

(with Ownership Information)

										(R=POD has been replaced and no longer serves this file, (quarters are 1=NW 2=NE 3=SW 4=SE) C=the file is closed) (quarters are smallest to largest) (NAD83 UTM in meters)																																																																					
										(acre ft per annum)																																																																					
										Sub																																																																					
										q q q																																																																					
WR File Nbr										basin Use Diversion Owner										County POD Number										Code Grant										Source 6416 4 Sec Tws Rng										X										Y																			
C 01337										C STK 3 JAMES NYMEYER										ED C 01337																				Shallow 2 1 30 25S 29E										591926										3552642*																			

(R=POD has been replaced and no longer serves this file, (quarters are 1=NW 2=NE 3=SW 4=SE)
C=the file is closed) (quarters are smallest to largest) (NAD83 UTM in meters)

Record Count: 1

POD Search:

POD Number: C 01337

Sorted by: File Number

*UTM location was derived from PLSS - see Help

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New Mexico Office of the State Engineer

Active & Inactive Points of Diversion

(with Ownership Information)

		(acre ft per annum)			(R=POD has been replaced and no longer serves this file, C=the file is closed)	(quarters are 1=NW 2=NE 3=SW 4=SE) (quarters are smallest to largest) (NAD83 UTM in meters)
WR File Nbr	Sub basin Use Diversion Owner		County POD Number	Code Grant	q q q	Source 6416 4 Sec Tws Rng X Y
C 01880	C PRO 0 GULF OIL CORPORATION		ED C 01880			Shallow 3 3 2 06 25S 29E 592161 3558605*

Record Count: 1

POD Search:

POD Number: C 01880

Sorted by: File Number

*UTM location was derived from PLSS - see Help

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New Mexico Office of the State Engineer

Active & Inactive Points of Diversion

(with Ownership Information)

										(R=POD has been replaced and no longer serves this file, (quarters are 1=NW 2=NE 3=SW 4=SE) C=the file is closed) (quarters are smallest to largest) (NAD83 UTM in meters)									



New Mexico Office of the State Engineer

Active & Inactive Points of Diversion

(with Ownership Information)

					(R=POD has been replaced and no longer serves this file, (quarters are 1=NW 2=NE 3=SW 4=SE) C=the file is closed) (quarters are smallest to largest) (NAD83 UTM in meters)											
					q q q											
WR File Nbr		Sub basin	Use	Diversion	Owner	County	POD Number	Code	Grant	Source	6416 4	Sec	Tws	Rng	X	Y
RA 07162			DOM		0 AMERICAN GROUNDWATER CONSULT.	ED	RA 07162 EXP2			Shallow	1	3	1	10 25S 29E	596214	3557222*

Record Count: 1

POD Search:

POD Number: RA 07162 EXP2

Sorted by: File Number

*UTM location was derived from PLSS - see Help

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

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C=the file is (quarters are 1=NW 2=NE 3=SW 4=SE)
closed) (quarters are smallest to largest)

(NAD83 UTM in meters)

(In feet)

POD Number	POD Sub-	Q	Q	Q	Code	basin	County	64	16	4	Sec	Tws	Rng	X	Y	Depth Well	Depth Water	Water Column
C 01379	C	ED	4	4	3	10	25S	30E	606571	3556355*						400		

Average Depth to Water: --

Minimum Depth: --

Maximum Depth: --

Record Count: 1

Basin/County Search:

Basin: Carlsbad

County: Eddy

PLSS Search:

Township: 25S

Range: 30E

*UTM location was derived from PLSS - see Help

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New Mexico Office of the State Engineer

Water Column/Average Depth to Water

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closed) (quarters are smallest to largest)

(NAD83 UTM in meters)

(In feet)

POD Number	POD Sub-		Q Q Q				Sec	Tws	Rng	X	Y	Depth Well	Depth Water	Water Column
	Code	basin	County	64	16	4								
<u>C 02250</u>	ED			3	1	4	21	25S	31E	614912	3553620*	400	390	10
<u>C 02568</u>	ED			4	3	1	01	25S	31E	619103	3558892*	1025		
<u>C 02569</u>	ED			4	4	2	02	25S	31E	618699	3558891*	1016		
<u>C 02570</u>	ED			4	2	4	02	25S	31E	618704	3558489*	895		
<u>C 02571</u>	ED			4	1	2	02	25S	31E	618292	3559294*	860		
<u>C 02572</u>	ED			4	2	2	02	25S	31E	618695	3559294*	852		
<u>C 02573</u>	ED			1	4	2	02	25S	31E	618499	3559091*			
<u>C 02574</u>	ED			1	1	2	02	25S	31E	618092	3559494*			

Average Depth to Water: **390 feet**

Minimum Depth: **390 feet**

Maximum Depth: **390 feet**

Record Count: 8

Basin/County Search:

Basin: Carlsbad

County: Eddy

PLSS Search:

Township: 25S

Range: 31E

*UTM location was derived from PLSS - see Help

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New Mexico Office of the State Engineer

Active & Inactive Points of Diversion

(with Ownership Information)

(acre ft per annum)		(R=POD has been replaced and no longer serves this file, (quarters are 1=NW 2=NE 3=SW 4=SE)		C=the file is closed) (quarters are smallest to largest) (NAD83 UTM in meters)		q q q		X Y	
WR File Nbr	Sub basin Use Diversion Owner	County	POD Number	Code	Grant	Source	6416 4 Sec Tws Rng		
C 02250	STK 3 BUCK JACKSON TRUST	ED	C 02250			3 1 4 21 25S 31E	614912 3553620*		

Record Count: 1

POD Search:

POD Number: C 02250

Sorted by: File Number

*UTM location was derived from PLSS - see Help

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10/16/13 2:47 PM

Page 1 of 1

ACTIVE & INACTIVE POINTS OF DIVERSION

Appendix IV

LABORATORY ANALYSES

Diversified Field Service, Inc.
3412 N. Dal Paso
Hobbs, NM 88240
(575) 964-8394



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

October 29, 2013

AMY RUTH

DIVERSIFIED FIELD SERVICES, INC.

P. O. BOX 5966

HOBBS, NM 88241

RE: PLU #114

Enclosed are the results of analyses for samples received by the laboratory on 10/23/13 16:46.

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,

Celey D. Keene

Lab Director/Quality Manager

Analytical Results For:

 DIVERSIFIED FIELD SERVICES, INC.
 AMY RUTH
 P. O. BOX 5966
 HOBBS NM, 88241
 Fax To: (575) 393-2981

 Received: 10/23/2013
 Reported: 10/29/2013
 Project Name: PLU #114
 Project Number: NONE GIVEN
 Project Location: NOT GIVEN

 Sampling Date: 10/23/2013
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: SP 1 @ 3' (H302576-01)

BTEX 8021B			mg/kg		Analyzed By: MS				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/28/2013	ND	2.16	108	2.00	2.91	
Toluene*	<0.050	0.050	10/28/2013	ND	2.20	110	2.00	2.57	
Ethylbenzene*	<0.050	0.050	10/28/2013	ND	2.21	110	2.00	2.96	
Total Xylenes*	<0.150	0.150	10/28/2013	ND	6.39	106	6.00	3.57	
Total BTEX	<0.300	0.300	10/28/2013	ND					

Surrogate: 4-Bromofluorobenzene (PIC) 103 % 89.4-126

Chloride, SM4500Cl-B			mg/kg		Analyzed By: AP				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	304	16.0	10/24/2013	ND	432	108	400	3.77	

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	10/27/2013	ND	192	96.0	200	5.98	
DRO >C10-C28	<10.0	10.0	10/27/2013	ND	182	91.0	200	8.63	
EXT DRO >C28-C35	<10.0	10.0	10/27/2013	ND					


Surrogate: 1-Chlorooctane 84.6 % 65.2-140

Surrogate: 1-Chlorooctadecane 87.4 % 63.6-154

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

DIVERSIFIED FIELD SERVICES, INC.

AMY RUTH

P. O. BOX 5966

HOBBS NM, 88241

Fax To: (575) 393-2981

Received: 10/23/2013
Reported: 10/29/2013
Project Name: PLU #114
Project Number: NONE GIVEN
Project Location: NOT GIVEN

Sampling Date: 10/23/2013
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: SP 2 @ SURFACE (H302576-02)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	8800	16.0	10/24/2013	ND	432	108	400	3.77	

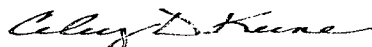
Sample ID: SP 2 @ 1' (H302576-03)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1360	16.0	10/24/2013	ND	432	108	400	3.77	

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

 DIVERSIFIED FIELD SERVICES, INC.
 AMY RUTH
 P. O. BOX 5966
 HOBBS NM, 88241
 Fax To: (575) 393-2981

 Received: 10/23/2013
 Reported: 10/29/2013
 Project Name: PLU #114
 Project Number: NONE GIVEN
 Project Location: NOT GIVEN

 Sampling Date: 10/23/2013
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: SP 2 @ 5' (H302576-04)

BTEX 8021B			mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/28/2013	ND	2.16	108	2.00	2.91		
Toluene*	<0.050	0.050	10/28/2013	ND	2.20	110	2.00	2.57		
Ethylbenzene*	<0.050	0.050	10/28/2013	ND	2.21	110	2.00	2.96		
Total Xylenes*	<0.150	0.150	10/28/2013	ND	6.39	106	6.00	3.57		
Total BTEX	<0.300	0.300	10/28/2013	ND						

Surrogate: 4-Bromofluorobenzene (PIE) 104 % 89.4-126

Chloride, SM4500Cl-B			mg/kg							
			Analyzed By: AP							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2480	16.0	10/24/2013	ND	432	108	400	3.77		

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	10/27/2013	ND	192	96.0	200	5.98	
DRO >C10-C28	<10.0	10.0	10/27/2013	ND	182	91.0	200	8.63	
EXT DRO >C28-C35	<10.0	10.0	10/27/2013	ND					

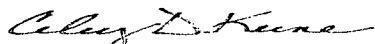
Surrogate: 1-Chlorooctane 90.9 % 65.2-140

Surrogate: 1-Chlorooctadecane 92.1 % 63.6-154

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Analytical Results For:

DIVERSIFIED FIELD SERVICES, INC.
AMY RUTH
P. O. BOX 5966
HOBBS NM, 88241
Fax To: (575) 393-2981

Received: 10/23/2013
Reported: 10/29/2013
Project Name: PLU #114
Project Number: NONE GIVEN
Project Location: NOT GIVEN

Sampling Date: 10/23/2013
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: SP 3 @ SURFACE (H302576-05)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	24800	16.0	10/24/2013	ND	432	108	400	3.77	

Sample ID: SP 3 @ 1' (H302576-06)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3120	16.0	10/24/2013	ND	432	108	400	3.77	

Sample ID: SP 3 @ 3' (H302576-07)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2040	16.0	10/24/2013	ND	432	108	400	3.77	

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Analytical Results For:

 DIVERSIFIED FIELD SERVICES, INC.
 AMY RUTH
 P. O. BOX 5966
 HOBBS NM, 88241
 Fax To: (575) 393-2981

 Received: 10/23/2013
 Reported: 10/29/2013
 Project Name: PLU #114
 Project Number: NONE GIVEN
 Project Location: NOT GIVEN

 Sampling Date: 10/23/2013
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: SP 3 @ 5' (H302576-08)

BTEX 8021B			mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/28/2013	ND	2.16	108	2.00	2.91		
Toluene*	<0.050	0.050	10/28/2013	ND	2.20	110	2.00	2.57		
Ethylbenzene*	<0.050	0.050	10/28/2013	ND	2.21	110	2.00	2.96		
Total Xylenes*	<0.150	0.150	10/28/2013	ND	6.39	106	6.00	3.57		
Total BTEX	<0.300	0.300	10/28/2013	ND						

Surrogate: 4-Bromofluorobenzene (PIE) 103 % 89.4-126

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3600	16.0	10/24/2013	ND	432	108	400	3.77	
TPH 8015M		mg/kg		Analyzed By: MS					

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	10/27/2013	ND	192	96.0	200	5.98	
DRO >C10-C28	<10.0	10.0	10/27/2013	ND	182	91.0	200	8.63	
EXT DRO >C28-C35	<10.0	10.0	10/27/2013	ND					


Surrogate: 1-Chlorooctane 89.4 % 65.2-140

Surrogate: 1-Chlorooctadecane 91.2 % 63.6-154

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Analytical Results For:

DIVERSIFIED FIELD SERVICES, INC.
AMY RUTH
P. O. BOX 5966
HOBBS NM, 88241
Fax To: (575) 393-2981

Received: 10/23/2013
Reported: 10/29/2013
Project Name: PLU #114
Project Number: NONE GIVEN
Project Location: NOT GIVEN

Sampling Date: 10/23/2013
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: SP 4 @ SURFACE (H302576-09)

Chloride, SM4500CI-B		mg/kg	Analyzed By: AP							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	9860	16.0	10/24/2013	ND	432	108	400	3.77		

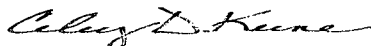
Sample ID: SP 4 @ 1' (H302576-10)

Chloride, SM4500CI-B		mg/kg	Analyzed By: AP							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1330	16.0	10/24/2013	ND	432	108	400	3.77		

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Analytical Results For:

 DIVERSIFIED FIELD SERVICES, INC.
 AMY RUTH
 P. O. BOX 5966
 HOBBS NM, 88241
 Fax To: (575) 393-2981

 Received: 10/23/2013
 Reported: 10/29/2013
 Project Name: PLU #114
 Project Number: NONE GIVEN
 Project Location: NOT GIVEN

 Sampling Date: 10/23/2013
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: SP 4 @ 5' (H302576-11)

BTEX 8021B			mg/kg								Analyzed By: MS	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier			
Benzene*	<0.050	0.050	10/28/2013	ND	2.16	108	2.00	2.91				
Toluene*	<0.050	0.050	10/28/2013	ND	2.20	110	2.00	2.57				
Ethylbenzene*	<0.050	0.050	10/28/2013	ND	2.21	110	2.00	2.96				
Total Xylenes*	<0.150	0.150	10/28/2013	ND	6.39	106	6.00	3.57				
Total BTEX	<0.300	0.300	10/28/2013	ND								

Surrogate: 4-Bromofluorobenzene (PIC) 104 % 89.4-126

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1680	16.0	10/24/2013	ND	432	108	400	3.77	
TPH 8015M		mg/kg		Analyzed By: MS					

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	10/27/2013	ND	192	96.0	200	5.98	
DRO >C10-C28	<10.0	10.0	10/27/2013	ND	182	91.0	200	8.63	
EXT DRO >C28-C35	<10.0	10.0	10/27/2013	ND					

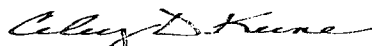
Surrogate: 1-Chlorooctane 95.1 % 65.2-140

Surrogate: 1-Chlorooctadecane 96.2 % 63.6-154

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* = Accredited Analyte

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Analytical Results For:

DIVERSIFIED FIELD SERVICES, INC.

AMY RUTH

P. O. BOX 5966

HOBBS NM, 88241

Fax To: (575) 393-2981

Received: 10/23/2013
Reported: 10/29/2013
Project Name: PLU #114
Project Number: NONE GIVEN
Project Location: NOT GIVEN

Sampling Date: 10/23/2013
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

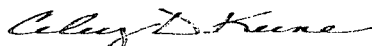
Sample ID: SP 5 @ SURFACE (H302576-12)**Chloride, SM4500Cl-B****mg/kg****Analyzed By: AP**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	19600	16.0	10/24/2013	ND	432	108	400	3.77	

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Analytical Results For:

DIVERSIFIED FIELD SERVICES, INC.
AMY RUTH
P. O. BOX 5966
HOBBS NM, 88241
Fax To: (575) 393-2981

Received: 10/23/2013
Reported: 10/29/2013
Project Name: PLU #114
Project Number: NONE GIVEN
Project Location: NOT GIVEN

Sampling Date: 10/23/2013
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: SP 5 @ 5" (H302576-13)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/28/2013	ND	2.16	108	2.00	2.91	
Toluene*	<0.050	0.050	10/28/2013	ND	2.20	110	2.00	2.57	
Ethylbenzene*	<0.050	0.050	10/28/2013	ND	2.21	110	2.00	2.96	
Total Xylenes*	<0.150	0.150	10/28/2013	ND	6.39	106	6.00	3.57	
Total BTEX	<0.300	0.300	10/28/2013	ND					

Surrogate: 4-Bromofluorobenzene (PIE) 104 % 89.4-126

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1490	16.0	10/24/2013	ND	432	108	400	3.77	

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	10/27/2013	ND	192	96.0	200	5.98	
DRO >C10-C28	11.9	10.0	10/27/2013	ND	182	91.0	200	8.63	
EXT DRO >C28-C35	<10.0	10.0	10/27/2013	ND					

Surrogate: 1-Chlorooctane 79.0 % 65.2-140

Surrogate: 1-Chlorooctadecane 86.1 % 63.6-154

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Analytical Results For:

DIVERSIFIED FIELD SERVICES, INC.
AMY RUTH
P. O. BOX 5966
HOBBS NM, 88241
Fax To: (575) 393-2981

Received: 10/23/2013
Reported: 10/29/2013
Project Name: PLU #114
Project Number: NONE GIVEN
Project Location: NOT GIVEN

Sampling Date: 10/23/2013
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

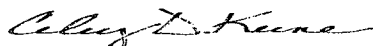
Sample ID: SP 5 @ 1' (H302576-14)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1840	16.0	10/24/2013	ND	432	108	400	3.77		

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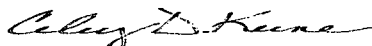
Notes and Definitions

ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by 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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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Page 13 of 14

Company Name: <u>Diversified Field Services, Inc.</u>		BILL TO		ANALYSIS REQUEST											
Project Manager: <u>Amy Ruth</u>		P.O. #:		<div>chloride TPH 8015m BTEX</div>											
Address: <u>3412 N. Del Paso</u>		Company: <u>BDPCD</u>													
City: <u>Hobbs</u> State: <u>NM</u> Zip: <u>882</u>		Attn: <u>Tony</u>													
Phone #: <u>575-964-8394</u> Fax #: <u>575-964-8396</u>		Address:													
Project #: _____ Project Owner: <u>BDPCD</u>		City:													
Project Name:		State: _____ Zip: _____													
Project Location: <u>P.L.U #114</u>		Phone #:													
Sampler Name: <u>Miguel Gomez</u>		Fax #:													
FOR LAB USE ONLY	Lab I.D.	Sample I.D.	(GRAB OR COMPOUND)	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER	ACID/BASE	ICE / COOL	OTHER	DATE	TIME
	<u>H3025716</u>														
	1	<u>SP1@3'</u>	<u>G</u>	<u>1</u>										<u>10-23-13</u>	<u>10:36</u>
	2	<u>SP2@Surface</u>	<u>G</u>	<u>1</u>										<u>10-23-13</u>	<u>8:32</u>
	3	<u>SP2@1'</u>	<u>G</u>	<u>1</u>										<u>10-23-13</u>	<u>9:22</u>
	4	<u>SP2@5'</u>	<u>G</u>	<u>1</u>										<u>10-23-13</u>	<u>10:08</u>
	5	<u>SP3@Surface</u>	<u>G</u>	<u>1</u>										<u>10-23-13</u>	<u>8:38</u>
	6	<u>SP3@1'</u>	<u>G</u>	<u>1</u>										<u>10-23-13</u>	<u>10:36</u>
	7	<u>SP3@3'</u>	<u>G</u>	<u>1</u>										<u>10-23-13</u>	<u>10:45</u>
	8	<u>SP3@5'</u>	<u>G</u>	<u>1</u>										<u>10-23-13</u>	<u>11:11</u>
	9	<u>SP4@Surface</u>	<u>G</u>	<u>1</u>										<u>10-23-13</u>	<u>8:39</u>
	10	<u>SP4@1'</u>	<u>G</u>	<u>1</u>										<u>10-23-13</u>	<u>11:34</u>

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 the client for the analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 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.

Relinquished By: <u>Miguel Gomez</u>	Date: <u>10/23/13</u> Time: <u>4:46</u>	Received By: <u>Debi Benson</u>	Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Phone #:
Relinquished By:	Date:	Received By:	Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Fax #:
Delivered By: (Circle One)	Sample Condition	CHECKED BY:	REMARKS:	
Sampler - UPS - Bus - Other:	<u>3.6°C</u> Cool <input checked="" type="checkbox"/> Intact <input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	<u>[Signature]</u>	Email results: <u>sjwalters@BassPet.com</u> <u>aruth@diversifiedfsi.com</u>	

† Cardinal cannot accept verbal changes. Please fax written changes to (575) 393-2326

#54



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: <u>Diversified Field Services, Inc.</u>		BILL TO		ANALYSIS REQUEST																									
Project Manager: <u>Amy Ruth</u>		P.O. #:																											
Address: <u>3412 N. Dal Paso</u>		Company: <u>BDPCD</u>																											
City: <u>Hobbs</u> State: <u>NM</u> Zip: <u>882</u>		Attn: <u>Tony</u>																											
Phone #: <u>575-964-8394</u> Fax #: <u>575-964-8396</u>		Address:																											
Project #: _____ Project Owner: <u>BDPCD</u>		City:																											
Project Name: _____		State: _____ Zip: _____																											
Project Location: <u>P.L.V.#114</u>		Phone #: _____																											
Sampler Name: <u>Miguel Gomez</u>		Fax #: _____																											
FOR LAB USE ONLY	Lab I.D.	Sample I.D.	# GRAB OR (COMP. # CONTAINERS)	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER	ACID/BASE	ICE/COOL	OTHER	DATE	TIME															
	<u>H302576</u>																												
	<u>11</u>	<u>SP4 @ 5'</u>	<u>6</u>	<u>1</u>			<u>✓</u>						<u>10-23-13</u>	<u>11:43</u>	<u>✓</u>	<u>✓</u>	<u>✓</u>												
	<u>12</u>	<u>SP5 @ Surface</u>	<u>6</u>	<u>1</u>			<u>✓</u>						<u>10-23-13</u>	<u>8:40</u>	<u>✓</u>	<u>✓</u>	<u>✓</u>												
	<u>13</u>	<u>SP5 @ 5'</u>	<u>6</u>	<u>1</u>			<u>✓</u>						<u>10-23-13</u>	<u>1:22</u>	<u>✓</u>	<u>✓</u>	<u>✓</u>												
	<u>14</u>	<u>SP5 @ 1'</u>	<u>6</u>	<u>1</u>			<u>✓</u>						<u>10-23-13</u>	<u>1:13</u>	<u>✓</u>	<u>✓</u>	<u>✓</u>												

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Relinquished By: <u>Miguel Gomez</u>	Date: <u>10/23/13</u>	Received By: <u>Jodi Benson</u>	Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Phone #:
	Time: <u>4:46</u>		Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Fax #:
Relinquished By:	Date:	Received By:	REMARKS:	
	Time:		Email results: <u>STWalters@BogPet.com</u> <u>aruth@diversifiedfsi.com</u>	
Delivered By: (Circle One)	Sample Condition:	CHECKED BY:		
Sampler - UPS - Bus - Other:	Cool <input type="checkbox"/> Intact <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/>	<u>3.6g</u> <u>g</u>		

† Cardinal cannot accept verbal changes. Please fax written changes to (575) 393-2326

November 08, 2013

AMY RUTH

DIVERSIFIED FIELD SERVICES, INC.

P. O. BOX 5966

HOBBS, NM 88241

RE: PLU #114

Enclosed are the results of analyses for samples received by the laboratory on 11/01/13 17:10.

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.

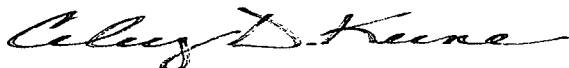
Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

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,



Caley D. Keene

Lab Director/Quality Manager

Analytical Results For:

 DIVERSIFIED FIELD SERVICES, INC.
 AMY RUTH
 P. O. BOX 5966
 HOBBS NM, 88241
 Fax To: (575) 393-2981

 Received: 11/01/2013
 Reported: 11/08/2013
 Project Name: PLU #114
 Project Number: NONE GIVEN
 Project Location: NOT GIVEN

 Sampling Date: 10/31/2013
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: SP 3 @ 8' (H302681-01)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1340	16.0	11/06/2013	ND	400	100	400	3.92	

Sample ID: SP 3 @ 10' (H302681-02)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2160	16.0	11/06/2013	ND	400	100	400	3.92	

Sample ID: SP 3 @ 12' (H302681-03)

BTEx 8021B			mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/07/2013	ND	2.20	110	2.00	6.58		
Toluene*	<0.050	0.050	11/07/2013	ND	2.24	112	2.00	7.60		
Ethylbenzene*	<0.050	0.050	11/07/2013	ND	2.28	114	2.00	7.83		
Total Xylenes*	<0.150	0.150	11/07/2013	ND	6.83	114	6.00	8.29		
Total BTEx	<0.300	0.300	11/07/2013	ND						

Surrogate: 4-Bromofluorobenzene (PIE) 106 % 89.4-126

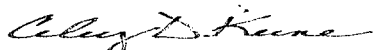
Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	256	16.0	11/06/2013	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

DIVERSIFIED FIELD SERVICES, INC.
AMY RUTH
P. O. BOX 5966
HOBBS NM, 88241
Fax To: (575) 393-2981

Received: 11/01/2013
Reported: 11/08/2013
Project Name: PLU #114
Project Number: NONE GIVEN
Project Location: NOT GIVEN

Sampling Date: 10/31/2013
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: SP 3 @ 12' (H302681-03)

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	11/05/2013	ND	200	100	200	0.0305	
DRO >C10-C28	<10.0	10.0	11/05/2013	ND	205	102	200	0.511	
EXT DRO >C28-C35	<10.0	10.0	11/05/2013	ND					
Surrogate: 1-Chlorooctane	96.6 %	65.2-140							
Surrogate: 1-Chlorooctadecane	104 %	63.6-154							

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

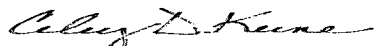
Notes and Definitions

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

Cardinal Laboratories

*=Accredited Analyte

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Caley 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: <u>Diversified Field Services, Inc.</u>		BILL TO		ANALYSIS REQUEST																					
Project Manager: <u>Amy Ruth</u>		P.O. #:																							
Address: <u>3412 N. Del Paso</u>		Company: <u>BDPCD</u>																							
City: <u>Hobbs</u> State: <u>NM</u> Zip: <u>882</u>		Attn: <u>Tony</u>																							
Phone #: <u>575-964-8394</u> Fax #: <u>575-964-8396</u>		Address:																							
Project #: Project Owner: <u>BDPCD</u>		City:																							
Project Name:		State: Zip:																							
Project Location: <u>P.L.O. #114</u>		Phone #:																							
Sampler Name: <u>Miguel Gomez</u>		Fax #:																							
FOR LAB USE ONLY		MATRIX		PRESERV.		SAMPLING																			
Lab I.D.	Sample I.D.	(G/RAB OR C/OMP)	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER	ACID/BASE	ICE / COOL	OTHER	DATE	TIME											
<u>H302681</u>																									
<u>1 SR3 @ 8'</u>		<u>4</u>	<u>1</u>			<u>1</u>					<u>1</u>		<u>10-31-13</u>	<u>3:50</u>	<u>1</u>	<u>Chloride</u>	<u>TPH</u>	<u>BTEX</u>							
<u>2 SR3 @ 10'</u>		<u>4</u>	<u>1</u>			<u>1</u>					<u>1</u>		<u>10-31-13</u>	<u>3:54</u>	<u>1</u>										
<u>3 SR3 @ 12'</u>		<u>4</u>	<u>1</u>			<u>1</u>					<u>1</u>		<u>10-31-13</u>	<u>4:00</u>	<u>1</u>										

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 the client for the analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 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.

Relinquished By: <u>Miguel Gomez</u>	Date: <u>11/1/13</u> Time: <u>5:10</u>	Received By: <u>Jodi Benson</u>	Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Phone #:
Relinquished By:	Date:	Received By:	Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Fax #:
Delivered By: (Circle One) Sampler - UPS - Bus - Other:			REMARKS: Email results: <u>STWalters@BassPet.com</u> <u>aruth@diversifiedfsi.com</u>	
Sample Condition Cool Intact <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			CHECKED BY: <u>[Signature]</u>	

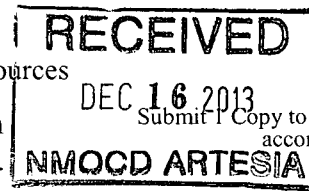
Appendix V

FINAL FORM C-141

Diversified Field Service, Inc.
3412 N. Dal Paso
Hobbs, NM 88240
(575) 964-8394

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

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



Form C-141
Revised August 8, 2011

Release Notification and Corrective Action

OPERATOR

☐ Initial Report ☒ Final Report

Name of Company BOPCO, L.P.	Contact: Tony Savoie	
Address 522 W. Mermod, Suite 704 Carlsbad, N.M. 88220	Telephone No. 432-556-8730	
Facility Name Poker Lake Unit #114	Facility Type	
Surface Owner State of New Mexico	Mineral Owner State of New Mexico	API No. 30-015-28102

LOCATION OF RELEASE

Unit Letter F	Section 36	Township 24S	Range 30E	Feet from the North	North/South Line 1982	Feet from the West	East/West Line 2019	County Eddy
------------------	---------------	-----------------	--------------	------------------------	--------------------------	-----------------------	------------------------	-------------

Latitude 32.86647 Longitude 103.8571

NATURE OF RELEASE

Type of Release: Produced water and crude oil	Volume of Release 10 bbls	Volume Recovered 0
Source of Release Well Head	Date and Hour of Occurrence 3/27/12 Time unknown	Date and Hour of Discovery 3/27/12 2:00 PM
Was Immediate Notice Given? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Required	If YES, To Whom?	
By Whom?	Date and Hour	
Was a Watercourse Reached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse.	
If a Watercourse was Impacted, Describe Fully.* NA		
Describe Cause of Problem and Remedial Action Taken.* A 1/2" valve on the wellhead was accidentally opened, the valve handle was removed and the valve was plugged.		
Describe Area Affected and Cleanup Action Taken.* Spill affected area approximately 4800 sq. ft. on the caliche well pad. The impacted soil was scraped up and stockpiled on site. The spill was delineated by Diversified Field Services, Inc. Samples were submitted to a commercial lab for analyses. Impacted soils were removed to a NMOCD approved disposal facility. Confirmation samples were submitted to a commercial lab for analyses. A liner was installed. The excavation was backfilled and the site was contoured to the surrounding landscape.		
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the NMOCD marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.		
Signature:	<u>OIL CONSERVATION DIVISION</u>	
Printed Name: Tony Savoie	Approved by Environmental Specialist:	
Title: Waste Mgmt. and Remediation Specialist	Approval Date:	Expiration Date:
E-mail Address: TASavoie@BassPet.com	Conditions of Approval:	Attached <input type="checkbox"/>
Date: 12/12/13	Phone: 432-556-8730	

* Attach Additional Sheets If Necessary