



DAVID FLATHER
ENVIRONMENTAL SUPERVISOR
DIRLCT (432) 818-1615
E MAIL: DAVID.FLATHER@APACHECORP.COM

October 29, 2019

Mr. Bradford Billings
State of New Mexico Oil Conservation Division
1220 South St Francis Drive
Santa Fe, NM 87505

RE: 1RP-2664 South Eunice Seven Rivers 402

Mr. Billings,

In compliance with 19.15.29.15(B) NMAC and the agreement submitted by Apache Corporation on November 8, 2018, Apache Corporation is submitting information related to closure for the release occurring June 29, 2010. Apache is respectfully submitting the closure report based on studies occurring in 2019 that demonstrate the site meeting the requirements of the agency. Unless further information is requested by NMOCD, Apache Corporation considers this release closed.

If there are any questions, please feel free to contact me by telephone at 432-818-1615 or by e-mail at David.Feather@ApacheCorp.com.

Sincerely,

A handwritten signature in black ink, appearing to read "D. Feather", is placed below the word "Sincerely,".

David Feather
Environmental Supervisor
Apache Corporation - Permian Basin Region

Attachment: Closure Report Dated October 24, 2019



Bruce Baker

**South Eunice Seven Rivers Transfer Line (SESRQU #402)
Closure Report**

API NO. 30-025-09159

1RP-11-10-2664

Release Date: 06/29/2010

U/L B, Section 35, Township 22S, Range 36E

Lea County, NM

10/24/19

Prepared By:



4024 Plains Hwy

Lovington, NM 88260

October 24, 2019

New Mexico Energy, Minerals, & Natural Resources
Oil Conservation Division, Environmental Bureau – District I
1625 N. French Dr.
Hobbs, NM 88240-9273

RE: TERMINATION REQUEST

**Apache Corporation – South Eunice Seven Rivers Queen Unit Transfer Line (SESRQU #402)
U/L B, Section 35, Township 22S, Range 36E
API No. 30-025-09159**

To Whom it May Concern,

Apache Corporation has retained Hungry Horse, LLC to address the potential environmental concerns at the site referenced above.

Background and Previous Work

The site had an accidental discharge of produced water associated with the SESRQU Transfer Line (South Eunice Seven Rivers Queen Unit #402) on June 29th, 2010. It was determined that external corrosion was found on the steel line. A pipe clamp was used to stop the leak to get the production back in service. It was determined that 1520bbls of produced water was released and due to the locality of the release, no fluids were recovered. At this time, Apache Corporation replaced 1.3 miles of line and replaced it with NUPI Polyline. Apache Corporation notified Larry Johnson of the NMOCD on June 29th, 2010 at approximately 2:15p.m.

The pasture area was immediately cleared of all vegetation and contaminated soil was hauled to Sundance Disposal. Once the line was removed and replaced remediation of the road and pasture began. Although the remediation was completed back in 2010, unfortunately documentation cannot be found.

Groundwater Information

According to the New Mexico Office of the State Engineer, the ground water depth at this site ranges from 55 to 4000' bgs. Below you will find the ground water information for the site as it is reported to the NMOSE:

E03808 POD1: 331' from site with 55'dgw
CP00776 POD1: 921' from site with 4000'dgw
CP00575: 1557' from site with 160'dgw

Hungry Horse used the depth of ground water found above as the basis of the Closure Criteria for Soils Impacted by a Release and is listed below for the new rule dated August 14th, 2018. The site was delineated based on the old rule criteria back in 2010 but when re-delineated by HH, the new rule was used. Below you will find the closure criteria for the South Eunice Seven Rivers Unit Transfer Line using the closest water well to the site, which is at 55'DGW:

Closure for Soils Impacted by a Release			
Depth	Constituent	Method	Limit
51' to 100'	Chloride	EPA 300.00 or SM4500 CL B	10,000 mg/kg
	TPH (GRO, DRO, MRO)	EPA SW-846 Method 8015M	2,500 mg/kg
	GRO+DRO	EPA SW-846 Method 8015M	1,000 mg/kg
	BTEX	EPA SW-846 Method 8021B or 8260B	50 mg/kg
	Benzene	EPA SW-846 Method 8021B or 8260B	10 mg/kg

Based on the condition of the site it was determined that the site had been remediated in 2010, with that being said further delineation took place to confirm prior remediation.

Delineation

Hungry Horse personnel began taking samples on September 10th, 2019. The horizontal soil samples were not tested in the field but delivered immediately to Cardinal Laboratories for analysis. The previously impacted area had sufficient vegetation on the edge of the lease road and no visual contamination was found throughout the site inspection. The site was delineated by use of hand auger due to buried lines in the area of the release. The impacted soil was sampled using 1' intervals. Below you will find the lab analysis confirmed by Cardinal Lab:

Sample ID	FT	BTEX	CHLORIDE	TPH
Center SP	1'	<0.300	48	<10
Center SP	2'	<0.300	16	<10
Center SP	3'	<0.300	<16	<10
North SP	1'	<0.300	<16	<10
North SP	2'	<0.300	16	<10
West SP	1'	<0.300	<16	<10
West SP	2'	<0.300	<16	<10
West SP	3'	<0.300	16	<10
West SP	4'	<0.300	<16	<10
South SP	1'	<0.300	<16	<10
South SP	2'	<0.300	<16	<10
South SP	3'	<0.300	<16	<10
East SP	1'	<0.300	<16	<10
East SP	2'	<0.300	<16	<10

Conclusion

Based on the delineation conducted in 2019 of the release area and along with sufficient vegetation and no visual staining found during the site inspection, Apache Corporation respectfully requests closure of the regulatory file for this site.

Apache Corporation appreciates the opportunity to work with you on this project. Please Call Bruce Baker at 432-631-6982 if you have any questions or concerns.

Sincerely,



Vernon Black
Operations Manager/Owner
Hungry Horse, LLC.
4024 Plains Highway
Lovington, NM 88260
Cell (575) 390-1761
tjennings@hungry-horse.com

Attachments:

- Initial C141
- Site Map
- Groundwater Information
- Sample Data
- Sample Map
- Current Lab Analysis



AE Order Number Banner

Report Description

This report shows an AE Order Number in Barcode format for purposes of scanning. The Barcode format is Code 39.



App Number: pGRL1033432867

1RP - 2664

APACHE CORP

3/1/2016

MAR 01 2016

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

RECEIVED
AUG 04 2010
HOBBS OUCD

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

Form C-141
Revised October 10, 2003

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

Release Notification and Corrective Action

OPERATOR

☒ Initial Report ☐ Final Report

Name of Company Apache Corporation	Contact Natalie Gladden
Address PO Box 1849 Eunice, NM 88231	Telephone No. 575-390-4186
Facility Name South Eunice Seven Rivers Queen Unit	Facility Type Water Flood
Transfer line (nearest well SEU #402)	

Surface Owner Deck Estate	Mineral Owner NMOCD	Lease No. 30-025-09159
---------------------------	---------------------	------------------------

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
B	35	22S	36E	660'	FNL	2310'	FEL	Lea

Latitude _____ Longitude _____

NATURE OF RELEASE

Type of Release Produced Water	Volume of Release 15-20bbbls	Volume Recovered 0bbbls
Source of Release Transfer Line	Date and Hour of Occurrence 06/29/2010 ?	Date and Hour of Discovery 06/29/2010 1156am
Was Immediate Notice Given? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom? Larry Johnson	
By Whom? Natalie Gladden	Date and Hour 06/29/2010 215pm	
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.*

WATER @ 140'

Describe Cause of Problem and Remedial Action Taken.*

This line was buried bgs but when surfaced, lease was shut in, clamp was put on line and lease turned back on. The entire 1.3miles of steel line has been replaced with NUPI Polyline. The saturated soil was immediately excavated and hauled to Sundance Services.

Describe Area Affected and Cleanup Action Taken.*

The pasture area was cleared of all vegetation and contaminated soil was hauled to Sundance Disposal. Final samples were taken and location was backfilled. Closure document to follow.

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: <i>Natalie Gladden</i>	OIL CONSERVATION DIVISION	
Printed Name: Natalie Gladden	ENV. ENGINEER; Approved by District Supervisor: <i>Geoffrey Yelkin</i>	
Title: EHS Environmental Tech	Approval Date: 08/04/10	Expiration Date: 10/04/10
E-mail Address: natalie.gladden@apachecorp.com	Conditions of Approval: SUBMIT FINAL C-141 BY 10/04/10,	Attached <input type="checkbox"/>
Date: 07/18/2010 Phone: 575-390-4186	IRP-11-10-2664	

* Attach Additional Sheets If Necessary

Form C-141

Page 3

State of New Mexico
Oil Conservation Division

Incident ID	
District RP	
Facility ID	
Application ID	

Site Assessment/Characterization

This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

What is the shallowest depth to groundwater beneath the area affected by the release?	<u>55</u> (ft bgs)
Did this release impact groundwater or surface water?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a wetland?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release overlying a subsurface mine?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release overlying an unstable area such as karst geology?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within a 100-year floodplain?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Did the release impact areas not on an exploration, development, production, or storage site?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

Attach a comprehensive report (electronic submittals in .pdf format are preferred) demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined. Refer to 19.15.29.11 NMAC for specifics.

Characterization Report Checklist: *Each of the following items must be included in the report.*

<input checked="" type="checkbox"/>	Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells.
<input type="checkbox"/>	Field data
<input checked="" type="checkbox"/>	Data table of soil contaminant concentration data
<input checked="" type="checkbox"/>	Depth to water determination
<input checked="" type="checkbox"/>	Determination of water sources and significant watercourses within 1/2-mile of the lateral extents of the release
<input type="checkbox"/>	Boring or excavation logs
<input checked="" type="checkbox"/>	Photographs including date and GIS information
<input checked="" type="checkbox"/>	Topographic/Aerial maps
<input checked="" type="checkbox"/>	Laboratory data including chain of custody

If the site characterization report does not include completed efforts at remediation of the release, the report must include a proposed remediation plan. That plan must include the estimated volume of material to be remediated, the proposed remediation technique, proposed sampling plan and methods, anticipated timelines for beginning and completing the remediation. The closure criteria for a release are contained in Table 1 of 19.15.29.12 NMAC, however, use of the table is modified by site- and release-specific parameters.

Form C-141

Page 6

State of New Mexico
Oil Conservation Division

Incident ID	nGRL1033432578
District RP	
Facility ID	
Application ID	

Closure

The responsible party must attach information demonstrating they have complied with all applicable closure requirements and any conditions or directives of the OCD. This demonstration should be in the form of a comprehensive report (electronic submittals in .pdf format are preferred) including a scaled site map, sampling diagrams, relevant field notes, photographs of any excavation prior to backfilling, laboratory data including chain of custody documents of final sampling, and a narrative of the remedial activities. Refer to 19.15.29.12 NMAC.

Closure Report Attachment Checklist: Each of the following items must be included in the closure report.

- ☒ A scaled site and sampling diagram as described in 19.15.29.11 NMAC
- ☐ Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection)
- ☒ Laboratory analyses of final sampling (Note: appropriate ODC District office must be notified 2 days prior to final sampling)
- ☒ Description of remediation activities

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD 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 OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD 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. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.

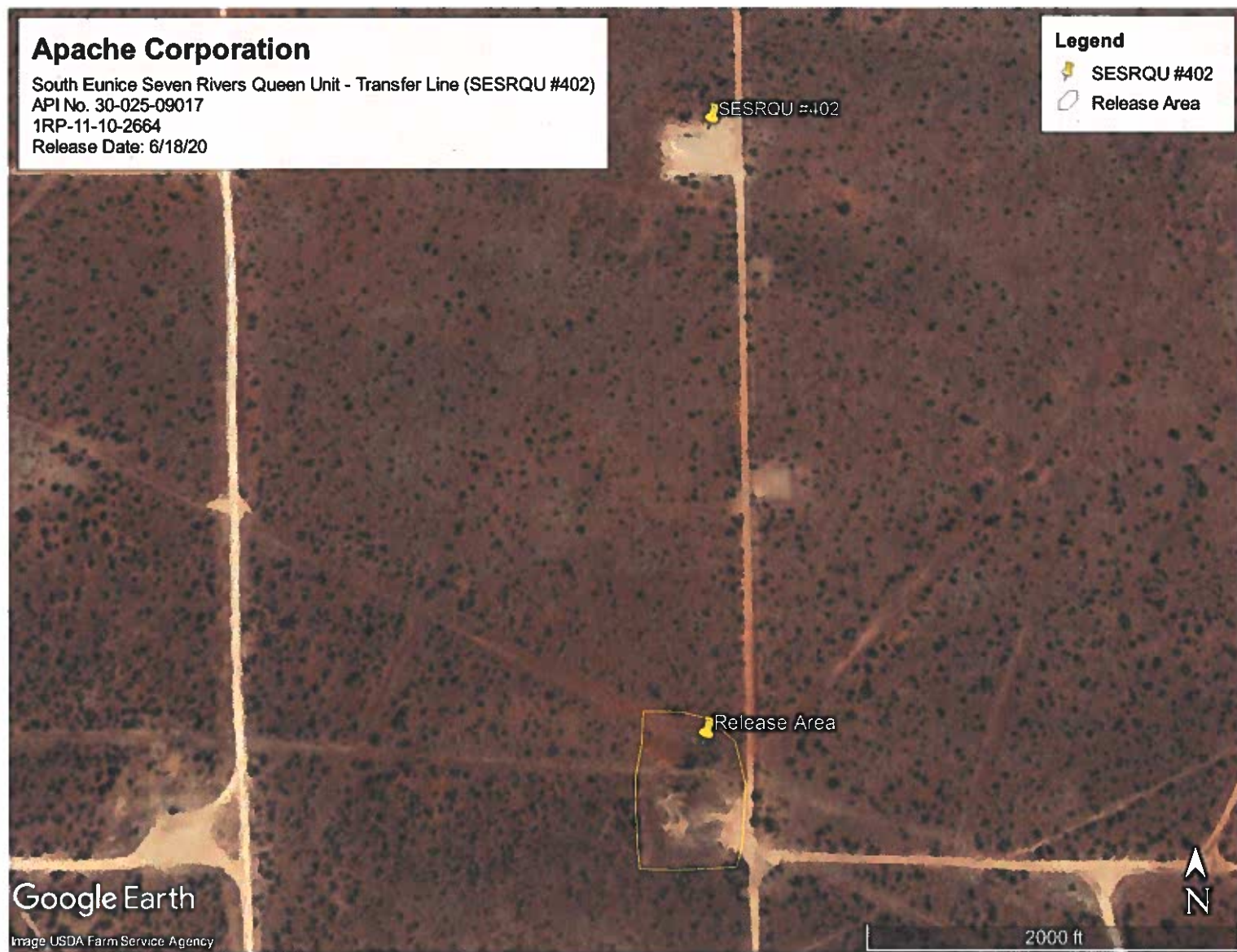
Printed Name: Bruce Baker Title: Environmental Tech SR.
Signature: Bruce Baker Date: 10-30-19
email: larry.baker@apachecorp.com Telephone: 432-631-6992

OCD Only

Received by: _____ Date: _____

Closure approval by the OCD does not relieve the responsible party of liability should their operations have failed to adequately investigate and remediate contamination that poses a threat to groundwater, surface water, human health, or the environment nor does not relieve the responsible party of compliance with any other federal, state, or local laws and/or regulations.

Closure Approved by: Bradford Billings Date: 07/12/2021
Printed Name: Bradford Billings Title: Env.Spc.A





New Mexico Office of the State Engineer Wells with Well Log Information

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

(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	Code	Subbasin	County	Source	6416 4	Sec	Tws	Rng	X	Y	Distance	Start Date	Finish Date	Log File Date	Depth Well	Depth Water	Driller	License Number	
ED3806 POD1		E		Shallow					666085	3580086	331	04-27-1983	04-27-1983	05-03-1983	125	55	GARCIA, RAYMOND	539	
CP100776, POD1		CP	LE	Shallow	4	1	3	26	225	36E	665474	3581705*	921	11-27-1992	01-02-1993	02-04-1993	4699	4000	V & B DILLING COMPANY

Record Count: 2

UTM NAD83 Radius Search (in meters):

Easting (X): 666088 86

Northing (Y): 3581018 19

Radius: 1000

*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

10/25/19 5:33 AM

WELLS WITH WELL LOG INFORMATION



New Mexico Office of the State Engineer Wells with Well Log Information

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

(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	Code	Subbasin	County	Source	6416 4	Sec	Tns	Rng	X	Y	Distance	Start Date	Finish Date	Log File Date	Depth Well	Depth Water	Driller	License Number
E 03RUR POD1				Shallow					666105	3580686	331	04/27/1983	04/27/1983	05/03/1983	125	55	GARCIA, RAYMOND	539
CP 00776 POD1	CP	LE	Shallow	4 1 3	26	22S	36E		665474	3581705*	921	11/27/1992	01/02/1993	02/04/1993	4699	4000	V & B DILLING COMPANY	
CP 00575	CP	LE	Shallow	3 4	27	22S	36E		664576	3581388*	1557	11/07/1978	11/13/1978	11/16/1978	198	160	ABBOTT, MURRELL	46
CP 01146 POD1	CP	LE			34	22S	36E		664065	3580944	2025	04/30/2013	04/30/2013	05/31/2013	101		RAYMOND STRAUB	1478
CP 01146 POD3	CP	LE			34	22S	36E		664045	3580932	2045	04/30/2013	04/30/2013	05/31/2013	20		RAYMOND STRAUB	1478
CP 01146 POD2	CP	LE			34	22S	36E		664041	3580934	2048	04/30/2013	04/30/2013	05/31/2013	100		RAYMOND STRAUB	1478
CP 01149 POD1	CP	LE			34	22S	36E		664281	3580034	2058	04/30/2013	04/30/2013	05/31/2013	25		STRAUB, RAYMOND JR	1478
CP 01148 POD3	CP	LE			27	22S	36E		663839	3582227	2553	04/29/2013	04/29/2013	05/31/2013	100		STRAUB, RAYMOND JR	1478
CP 01148 POD1	CP	LE			27	22S	36E		663840	3582232	2556	04/29/2013	04/29/2013	05/31/2013	40		STRAUB, RAYMOND JR	1478
CP 01148 POD2	CP	LE			27	22S	36E		663827	3582239	2570	04/29/2013	04/29/2013	05/31/2013	40		STRAUB, RAYMOND JR	1478
CP 100470	CP	LE	Shallow	1 3 4	22	22S	36E		664451	3583098*	2647	06/06/1980	06/28/1980	07/01/1980	199	22	VAN NOY, W L	208
CP 01147 POD1	CP	LE			22	22S	36E		663749	3582965	3044	08/29/2013	08/29/2013	09/16/2013	25		BRYAN, EDWARD	1711
CP 01147 POD2	CP	LE			22	22S	36E		663749	3582965	3044	08/29/2013	08/29/2013	09/13/2013	20		BRYAN, EDWARD	1711
CP 00142 POD1	CP	LE			4 1	29	22S	37E	670568	3582296*	4657	02/27/1960	05/15/1960	09/06/1966			R S WIGGINS, INC	

Record Count: 14

UTM NAD83 Radius Search (in meters):

Easting (X): 666088.86

Northing (Y): 3581018.19

Radius: 5000

*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.

10/25/19 5:35 AM

WELLS WITH WELL LOG INFORMATION



New Mexico Office of the State Engineer

Point of Diversion Summary

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

Well Tag	POD Number	Q64 Q16 Q4 Sec Tws Rng	X	Y
E 03808	POD1		666105	3580686

Driller License: 539	Driller Company: GARCIA BROTHERS DRILLING CO., LLC
Driller Name: GARCIA, RAYMOND	
Drill Start Date: 04/27/1983	Drill Finish Date: 04/27/1983
Log File Date: 05/03/1983	PCW Rcv Date:
Pump Type:	Pipe Discharge Size:
Casing Size: 5.00	Depth Well: 125 feet
	Depth Water: 55 feet

Water Bearing Stratifications:	Top	Bottom	Description
	35	55	Limestone/Dolomite/Chalk

Casing Perforations:	Top	Bottom
	30	50
	105	125

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.

10/25/19 5:35 AM

Page 1 of 1

POD SUMMARY - E 03808 POD1



New Mexico Office of the State Engineer

Point of Diversion Summary

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

Well Tag	POD Number	Q64 Q16 Q4 Sec Tws Rng	X	Y
	CP 00776 POD1	4 1 3 26 22S 36E	665474	3581705*

Driller License: Driller Company:

Driller Name: V & B DILLING COMPANY

Drill Start Date: 11/27/1992

Drill Finish Date: 01/02/1993

Plug Date:

Log File Date: 02/04/1993

PCW Rcv Date:

Source: Shallow

Pump Type:

Pipe Discharge Size:

Estimated Yield: 400 GPM

Casing Size: 7.00

Depth Well: 4699 feet

Depth Water: 4000 feet

Water Bearing Stratifications:

Top	Bottom	Description
3850	4050	Other/Unknown
4050	4699	Other/Unknown

Casing Perforations:

Top	Bottom
4158	4591

*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.

10/25/19 5:36 AM

Page 1 of 1

POD SUMMARY - CP 00776 POD1



New Mexico Office of the State Engineer

Point of Diversion Summary

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

Well Tag	POD Number	Q64 Q16 Q4 Sec Tws Rng	X	Y
	CP 00575	3 4 27 22S 36E	664576	3581388*

Driller License: 46	Driller Company: ABBOTT BROTHERS COMPANY		
Driller Name: ABBOTT, MURRELL			
Drill Start Date: 11/07/1978	Drill Finish Date: 11/13/1978	Plug Date:	
Log File Date: 11/16/1978	PCW Rcv Date:	Source: Shallow	
Pump Type:	Pipe Discharge Size:	Estimated Yield: 25 GPM	
Casing Size: 6.63	Depth Well: 198 feet	Depth Water: 160 feet	

Water Bearing Stratifications:	Top	Bottom	Description
	160	198	Sandstone/Gravel/Conglomerate

Casing Perforations:	Top	Bottom
	158	198

*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.

10/25/19 5:39 AM

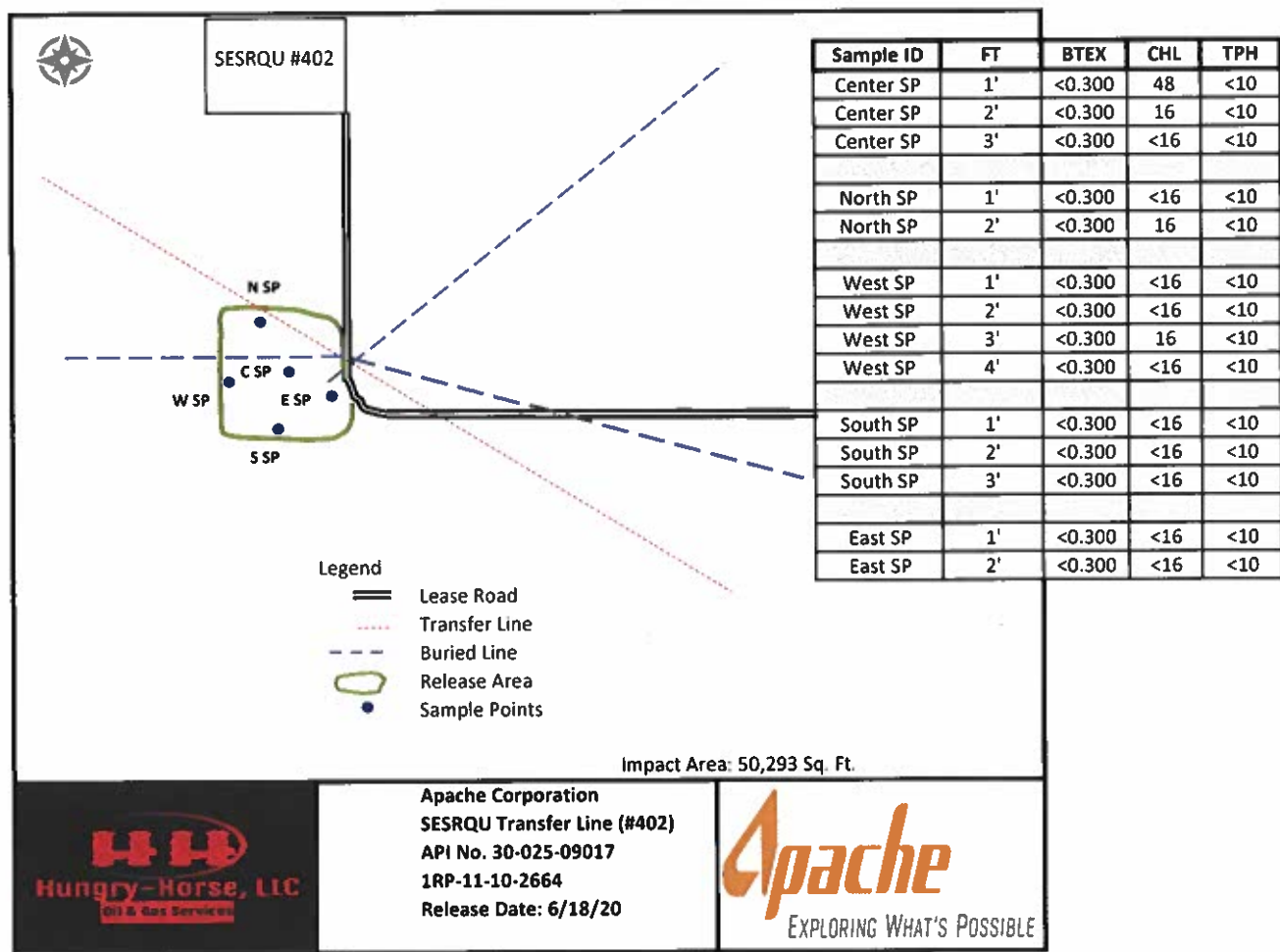
Page 1 of 1

POD SUMMARY - CP 00575

Apache Corporation: South Eunice Seven Rivers Transfer Line (402)
Release Date: 06/29/2010

2019 Sample Data

Sample ID	FT	BTEX	CHLORIDE	TPH
Center SP	1'	<0.300	48	<10
Center SP	2'	<0.300	16	<10
Center SP	3'	<0.300	<16	<10
North SP	1'	<0.300	<16	<10
North SP	2'	<0.300	16	<10
West SP	1'	<0.300	<16	<10
West SP	2'	<0.300	<16	<10
West SP	3'	<0.300	16	<10
West SP	4'	<0.300	<16	<10
South SP	1'	<0.300	<16	<10
South SP	2'	<0.300	<16	<10
South SP	3'	<0.300	<16	<10
East SP	1'	<0.300	<16	<10
East SP	2'	<0.300	<16	<10





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

September 13, 2019

BRUCE BAKER

APACHE CORP - HOBBS

2350 W. MARLAND BLVD.

HOBBS, NM 88240

RE: SEVEN RIVERS QUEEN #402

Enclosed are the results of analyses for samples received by the laboratory on 09/10/19 12:15.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-18-11. 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



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

Analytical Results For:

APACHE CORP - HOBBS
 BRUCE BAKER
 2350 W. MARLAND BLVD.
 HOBBS NM, 88240
 Fax To: (575) 393-2432

Received: 09/10/2019
 Reported: 09/13/2019
 Project Name: SEVEN RIVERS QUEEN #402
 Project Number: NONE GIVEN
 Project Location: NOT GIVEN

Sampling Date: 09/05/2019
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CENTER SP - 1 (H903115-01)

BTX 80218			mg/kg							Analyzed By: BF
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/11/2019	ND	1.98	98.9	2.00	0.722		
Toluene*	<0.050	0.050	09/11/2019	ND	1.96	97.9	2.00	2.85		
Ethylbenzene*	<0.050	0.050	09/11/2019	ND	2.02	101	2.00	0.247		
Total Xylenes*	<0.150	0.150	09/11/2019	ND	6.09	102	6.00	0.208		
Total BTX	<0.300	0.300	09/11/2019	ND						

Surrogate: 4-Bromofluorobenzene (PIC) 88.5 % 73.3-129

Chloride, SM4500Cl-B			mg/kg							Analyzed By: AC
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	09/11/2019	ND	416	104	400	0.00		

TPH 8015M			mg/kg							Analyzed By: MS
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	09/11/2019	ND	214	107	200	1.48		
DRO >C10-C28*	<10.0	10.0	09/11/2019	ND	215	108	200	2.86		
EXT DRO >C28-C36	<10.0	10.0	09/11/2019	ND						

Surrogate: 1-Chlorooctane 85.5 % 41-142

Surrogate: 1-Chlorooctadecane 91.4 % 37.6-147

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 waived 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 Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

APACHE CORP - HOBBS
 BRUCE BAKER
 2350 W. MARLAND BLVD.
 HOBBS NM, 88240
 Fax To: (575) 393-2432

Received: 09/10/2019
 Reported: 09/13/2019
 Project Name: SEVEN RIVERS QUEEN #402
 Project Number: NONE GIVEN
 Project Location: NOT GIVEN

Sampling Date: 09/05/2019
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CENTER SP - 2 (H903115-02)

BTEX 8021B			mg/kg		Analyzed By: CK				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/12/2019	ND	2.15	107	2.00	3.80	
Toluene*	<0.050	0.050	09/12/2019	ND	1.88	93.8	2.00	3.15	
Ethylbenzene*	<0.050	0.050	09/12/2019	ND	1.88	94.1	2.00	3.58	
Total Xylenes*	<0.150	0.150	09/12/2019	ND	5.72	95.4	6.00	3.47	
Total BTEX	<0.300	0.300	09/12/2019	ND					

Surrogate: 4-Bromofluorobenzene (PIE) 95.9 % 73.3-129

Chloride, SM4500Cl-B			mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	09/11/2019	ND	416	104	400	0.00		

TPH 8015M		mg/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/11/2019	ND	214	107	200	1.48	
DRO >C10-C28*	<10.0	10.0	09/11/2019	ND	215	108	200	2.86	
EXT DRO >C28-C36	<10.0	10.0	09/11/2019	ND					

Surrogate: 1-Chlorooctane 86.6 % 41-142

Surrogate: 1-Chlorooctadecane 93.1 % 37.6-147

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 waived 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 Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

APACHE CORP - HOBBS
 BRUCE BAKER
 2350 W. MARLAND BLVD.
 HOBBS NM, 88240
 Fax To: (575) 393-2432

Received: 09/10/2019
 Reported: 09/13/2019
 Project Name: SEVEN RIVERS QUEEN #402
 Project Number: NONE GIVEN
 Project Location: NOT GIVEN

Sampling Date: 09/05/2019
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CENTER SP - 3 (H903115-03)

BTEX 8021B			mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/12/2019	ND	2.15	107	2.00	3.80		
Toluene*	<0.050	0.050	09/12/2019	ND	1.88	93.8	2.00	3.15		
Ethylbenzene*	<0.050	0.050	09/12/2019	ND	1.88	94.1	2.00	3.58		
Total Xylenes*	<0.150	0.150	09/12/2019	ND	5.72	95.4	6.00	3.47		
Total BTEX	<0.300	0.300	09/12/2019	ND						

Surrogate: 4-Bromofluorobenzene (PIC) 96.4 % 73.3-129

Chloride, SM4500Cl-B			mg/kg		Analyzed By: AC				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	09/11/2019	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/11/2019	ND	214	107	200	1.48	
DRO >C10-C28*	<10.0	10.0	09/11/2019	ND	215	108	200	2.86	
EXT DRO >C28-C36	<10.0	10.0	09/11/2019	ND					

Surrogate: 1-Chlorooctane 85.2 % 41-142

Surrogate: 1-Chlorooctadecane 91.8 % 37.6-147

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 waived 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 Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

APACHE CORP - HOBBS
 BRUCE BAKER
 2350 W. MARLAND BLVD.
 HOBBS NM, 88240
 Fax To: (575) 393-2432

Received: 09/10/2019
 Reported: 09/13/2019
 Project Name: SEVEN RIVERS QUEEN #402
 Project Number: NONE GIVEN
 Project Location: NOT GIVEN

Sampling Date: 09/05/2019
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: NORTH SP - 1' (H903115-04)

BTEX 80218			mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/12/2019	ND	2.15	107	2.00	3.80		
Toluene*	<0.050	0.050	09/12/2019	ND	1.88	93.8	2.00	3.15		
Ethylbenzene*	<0.050	0.050	09/12/2019	ND	1.88	94.1	2.00	3.58		
Total Xylenes*	<0.150	0.150	09/12/2019	ND	5.72	95.4	6.00	3.47		
Total BTEX	<0.300	0.300	09/12/2019	ND						

Surrogate: 4-Bromofluorobenzene (PIE) 95.4 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	09/11/2019	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/11/2019	ND	214	107	200	1.48	
DRO >C10-C28*	<10.0	10.0	09/11/2019	ND	215	108	200	2.86	
EXT DRO >C28-C36	<10.0	10.0	09/11/2019	ND					

Surrogate: 1-Chlorooctane 84.4 % 41-142

Surrogate: 1-Chlorooctadecane 92.3 % 37.6-147

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 waived 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 Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

APACHE CORP - HOBBS
 BRUCE BAKER
 2350 W. MARLAND BLVD.
 HOBBS NM, 88240
 Fax To: (575) 393-2432

Received: 09/10/2019
 Reported: 09/13/2019
 Project Name: SEVEN RIVERS QUEEN #402
 Project Number: NONE GIVEN
 Project Location: NOT GIVEN

Sampling Date: 09/05/2019
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: NORTH SP - 2' (H903115-05)

BTX 80218		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/12/2019	ND	2.15	107	2.00	3.80	
Toluene*	<0.050	0.050	09/12/2019	ND	1.88	93.8	2.00	3.15	
Ethylbenzene*	<0.050	0.050	09/12/2019	ND	1.88	94.1	2.00	3.58	
Total Xylenes*	<0.150	0.150	09/12/2019	ND	5.72	95.4	6.00	3.47	
Total BTX	<0.300	0.300	09/12/2019	ND					

Surrogate: 4-Bromofluorobenzene (PIL) 96.3 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	09/11/2019	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/11/2019	ND	214	107	200	1.48	
DRO >C10-C28*	<10.0	10.0	09/11/2019	ND	215	108	200	2.86	
EXT DRO >C28-C36	<10.0	10.0	09/11/2019	ND					

Surrogate: 1-Chlorooctane 83.1 % 41-142

Surrogate: 1-Chlorooctadecane 89.9 % 37.6-147

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 waived 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 Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

APACHE CORP - HOBBS
 BRUCE BAKER
 2350 W. MARLAND BLVD.
 HOBBS NM, 88240
 Fax To: (575) 393-2432

Received: 09/10/2019
 Reported: 09/13/2019
 Project Name: SEVEN RIVERS QUEEN #402
 Project Number: NONE GIVEN
 Project Location: NOT GIVEN

Sampling Date: 09/05/2019
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: WEST SP - 1' (H903115-06)

BTEX 8021B			mg/kg		Analyzed By: CK				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/12/2019	ND	2.15	107	2.00	3.80	
Toluene*	<0.050	0.050	09/12/2019	ND	1.88	93.8	2.00	3.15	
Ethylbenzene*	<0.050	0.050	09/12/2019	ND	1.88	94.1	2.00	3.58	
Total Xylenes*	<0.150	0.150	09/12/2019	ND	5.72	95.4	6.00	3.47	
Total BTEX	<0.300	0.300	09/12/2019	ND					

Surrogate: 4-Bromofluorobenzene (PIC) 96.0 % 73.3-129

Chloride, SM4500Cl-B			mg/kg		Analyzed By: AC				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	09/11/2019	ND	416	104	400	0.00	

TPH 8015M			mg/kg		Analyzed By: MS				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/11/2019	ND	214	107	200	1.48	
DRO >C10-C28*	<10.0	10.0	09/11/2019	ND	215	108	200	2.86	
EXT DRO >C28-C36	<10.0	10.0	09/11/2019	ND					

Surrogate: 1-Chlorooctane 82.6 % 41-142

Surrogate: 1-Chlorooctadecane 89.5 % 37.6-147

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 waived 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 Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

APACHE CORP - HOBBS
 BRUCE BAKER
 2350 W. MARLAND BLVD.
 HOBBS NM, 88240
 Fax To: (575) 393-2432

Received: 09/10/2019
 Reported: 09/13/2019
 Project Name: SEVEN RIVERS QUEEN #402
 Project Number: NONE GIVEN
 Project Location: NOT GIVEN

Sampling Date: 09/05/2019
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: WEST SP - 2' (H903115-07)

BTX 8021B		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/12/2019	ND	2.15	107	2.00	3.80	
Toluene*	<0.050	0.050	09/12/2019	ND	1.88	93.8	2.00	3.15	
Ethylbenzene*	<0.050	0.050	09/12/2019	ND	1.88	94.1	2.00	3.58	
Total Xylenes*	<0.150	0.150	09/12/2019	ND	5.72	95.4	6.00	3.47	
Total BTX	<0.300	0.300	09/12/2019	ND					

Surrogate: 4-Bromofluorobenzene (PIC) 97.0 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	09/11/2019	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/11/2019	ND	214	107	200	1.48	
DRO >C10-C28*	<10.0	10.0	09/11/2019	ND	215	108	200	2.86	
EXT DRO >C28-C36	<10.0	10.0	09/11/2019	ND					

Surrogate: 1-Chlorooctane 85.2 % 41-142

Surrogate: 1-Chlorooctadecane 92.9 % 37.6-147

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 waived 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 Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

APACHE CORP - HOBBS
 BRUCE BAKER
 2350 W. MARLAND BLVD.
 HOBBS NM, 88240
 Fax To: (575) 393-2432

Received: 09/10/2019
 Reported: 09/13/2019
 Project Name: SEVEN RIVERS QUEEN #402
 Project Number: NONE GIVEN
 Project Location: NOT GIVEN

Sampling Date: 09/05/2019
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: WEST SP - 3' (H903115-08)

BTEX 80218			mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/12/2019	ND	2.15	107	2.00	3.80		
Toluene*	<0.050	0.050	09/12/2019	ND	1.88	93.8	2.00	3.15		
Ethylbenzene*	<0.050	0.050	09/12/2019	ND	1.88	94.1	2.00	3.58		
Total Xylenes*	<0.150	0.150	09/12/2019	ND	5.72	95.4	6.00	3.47		
Total BTEX	<0.300	0.300	09/12/2019	ND						

Surrogate: 4-Bromofluorobenzene (PIB) 96.7 % 73.3-129

Chloride, SM4500Cl-B			mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	09/11/2019	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/11/2019	ND	214	107	200	1.48	
DRO >C10-C28*	<10.0	10.0	09/11/2019	ND	215	108	200	2.86	
EXT DRO >C28-C36	<10.0	10.0	09/11/2019	ND					

Surrogate: 1-Chlorooctane 85.3 % 41-142

Surrogate: 1-Chlorooctadecane 91.2 % 37.6-147

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 waived 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 Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

APACHE CORP - HOBBS
 BRUCE BAKER
 2350 W. MARLAND BLVD.
 HOBBS NM, 88240
 Fax To: (575) 393-2432

Received: 09/10/2019
 Reported: 09/13/2019
 Project Name: SEVEN RIVERS QUEEN #402
 Project Number: NONE GIVEN
 Project Location: NOT GIVEN

Sampling Date: 09/05/2019
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: WEST SP - 4' (H903115-09)

BTX 8021B		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/12/2019	ND	2.15	107	2.00	3.80	
Toluene*	<0.050	0.050	09/12/2019	ND	1.88	93.8	2.00	3.15	
Ethylbenzene*	<0.050	0.050	09/12/2019	ND	1.88	94.1	2.00	3.58	
Total Xylenes*	<0.150	0.150	09/12/2019	ND	5.72	95.4	6.00	3.47	
Total BTX	<0.300	0.300	09/12/2019	ND					

Surrogate: 4-Bromofluorobenzene (PID) 96.5 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	09/11/2019	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/11/2019	ND	214	107	200	1.48	
DRO >C10-C28*	<10.0	10.0	09/11/2019	ND	215	108	200	2.86	
EXT DRO >C28-C36	<10.0	10.0	09/11/2019	ND					

Surrogate: 1-Chlorooctane 86.4 % 41-142

Surrogate: 1-Chlorooctadecane 92.5 % 37.6-147

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 waived 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 Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

APACHE CORP - HOBBS
 BRUCE BAKER
 2350 W. MARLAND BLVD.
 HOBBS NM, 88240
 Fax To: (575) 393-2432

Received: 09/10/2019
 Reported: 09/13/2019
 Project Name: SEVEN RIVERS QUEEN #402
 Project Number: NONE GIVEN
 Project Location: NOT GIVEN

Sampling Date: 09/05/2019
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SOUTH SP - 1' (H903115-10)

BTEX 8021B			mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/12/2019	ND	2.15	107	2.00	3.80		
Toluene*	<0.050	0.050	09/12/2019	ND	1.88	93.8	2.00	3.15		
Ethylbenzene*	<0.050	0.050	09/12/2019	ND	1.88	94.1	2.00	3.58		
Total Xylenes*	<0.150	0.150	09/12/2019	ND	5.72	95.4	6.00	3.47		
Total BTEX	<0.300	0.300	09/12/2019	ND						

Surrogate: 4-Bromofluorobenzene (PIL) 95.4 % 73.3-129

Chloride, SM4500Cl-B			mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	09/11/2019	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/11/2019	ND	214	107	200	1.48	
DRO >C10-C28*	<10.0	10.0	09/11/2019	ND	215	108	200	2.86	
EXT DRO >C28-C36	<10.0	10.0	09/11/2019	ND					

Surrogate: 1-Chlorooctane 84.6 % 41-142

Surrogate: 1-Chlorooctadecane 93.2 % 37.6-147

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 waived 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 Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

APACHE CORP - HOBBS
 BRUCE BAKER
 2350 W. MARLAND BLVD.
 HOBBS NM, 88240
 Fax To: (575) 393-2432

Received: 09/10/2019
 Reported: 09/13/2019
 Project Name: SEVEN RIVERS QUEEN #402
 Project Number: NONE GIVEN
 Project Location: NOT GIVEN

Sampling Date: 09/05/2019
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SOUTH SP - 2' (H903115-11)

BTEX 8021B			mg/kg		Analyzed By: CK				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/12/2019	ND	2.15	107	2.00	3.80	
Toluene*	<0.050	0.050	09/12/2019	ND	1.88	93.8	2.00	3.15	
Ethylbenzene*	<0.050	0.050	09/12/2019	ND	1.88	94.1	2.00	3.58	
Total Xylenes*	<0.150	0.150	09/12/2019	ND	5.72	95.4	6.00	3.47	
Total BTEX	<0.300	0.300	09/12/2019	ND					

Surrogate: 4-Bromofluorobenzene (PIL) 96.7 % 73.3-129

Chloride, SM4500Cl-B			mg/kg		Analyzed By: AC				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	09/11/2019	ND	416	104	400	0.00	

TPH 8015M			mg/kg		Analyzed By: MS				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/11/2019	ND	214	107	200	1.48	
DRO >C10-C28*	<10.0	10.0	09/11/2019	ND	215	108	200	2.86	
EXT DRO >C28-C36	<10.0	10.0	09/11/2019	ND					

Surrogate: 1-Chlorooctane 82.5 % 41-142

Surrogate: 1-Chlorooctadecane 89.3 % 37.6-147

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 waived 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 Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

APACHE CORP - HOBBS
 BRUCE BAKER
 2350 W. MARLAND BLVD.
 HOBBS NM, 88240
 Fax To: (575) 393-2432

Received: 09/10/2019
 Reported: 09/13/2019
 Project Name: SEVEN RIVERS QUEEN #402
 Project Number: NONE GIVEN
 Project Location: NOT GIVEN

Sampling Date: 09/05/2019
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SOUTH SP - 3' (H903115-12)

BTEX 8021B		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/12/2019	ND	2.15	107	2.00	3.80	
Toluene*	<0.050	0.050	09/12/2019	ND	1.88	93.8	2.00	3.15	
Ethylbenzene*	<0.050	0.050	09/12/2019	ND	1.88	94.1	2.00	3.58	
Total Xylenes*	<0.150	0.150	09/12/2019	ND	5.72	95.4	6.00	3.47	
Total BTEX	<0.300	0.300	09/12/2019	ND					

Surrogate: 4-Bromofluorobenzene (PIC) 96.9 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	09/11/2019	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/11/2019	ND	214	107	200	1.48	
DRO >C10-C28*	<10.0	10.0	09/11/2019	ND	215	108	200	2.86	
EXT DRO >C28-C36	<10.0	10.0	09/11/2019	ND					

Surrogate: 1-Chlorooctane 83.8 % 41-142

Surrogate: 1-Chlorooctadecane 91.9 % 37.6-147

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 waived 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 profit 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 Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

APACHE CORP - HOBBS
 BRUCE BAKER
 2350 W. MARLAND BLVD.
 HOBBS NM, 88240
 Fax To: (575) 393-2432

Received: 09/10/2019
 Reported: 09/13/2019
 Project Name: SEVEN RIVERS QUEEN #402
 Project Number: NONE GIVEN
 Project Location: NOT GIVEN

Sampling Date: 09/05/2019
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: EAST SP - 1' (H903115-13)

BTX 80218		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/12/2019	ND	2.15	107	2.00	3.80	
Toluene*	<0.050	0.050	09/12/2019	ND	1.88	93.8	2.00	3.15	
Ethylbenzene*	<0.050	0.050	09/12/2019	ND	1.88	94.1	2.00	3.58	
Total Xylenes*	<0.150	0.150	09/12/2019	ND	5.72	95.4	6.00	3.47	
Total BTX	<0.300	0.300	09/12/2019	ND					

Surrogate: 4-Bromofluorobenzene (PIE) 96.8 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	09/11/2019	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/11/2019	ND	214	107	200	1.48	
DRO >C10-C28*	<10.0	10.0	09/11/2019	ND	215	108	200	2.86	
EXT DRO >C28-C36	<10.0	10.0	09/11/2019	ND					

Surrogate: 1-Chlorooctane 83.5 % 41-142

Surrogate: 1-Chlorooctadecane 89.9 % 37.6-147

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 waived 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 Laboratories.

Celey D. Keene, Lab Director/Quality Manager

Page 14 of 18



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

Analytical Results For:

APACHE CORP - HOBBS
 BRUCE BAKER
 2350 W. MARLAND BLVD.
 HOBBS NM, 88240
 Fax To: (575) 393-2432

Received: 09/10/2019
 Reported: 09/13/2019
 Project Name: SEVEN RIVERS QUEEN #402
 Project Number: NONE GIVEN
 Project Location: NOT GIVEN

Sampling Date: 09/05/2019
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: EAST SP - 2' (H903115-14)

BTEX 8021B		mg/kg	Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/12/2019	ND	2.15	107	2.00	3.80	
Toluene*	<0.050	0.050	09/12/2019	ND	1.88	93.8	2.00	3.15	
Ethylbenzene*	<0.050	0.050	09/12/2019	ND	1.88	94.1	2.00	3.58	
Total Xylenes*	<0.150	0.150	09/12/2019	ND	5.72	95.4	6.00	3.47	
Total BTEX	<0.300	0.300	09/12/2019	ND					

Surrogate: 4-Bromofluorobenzene (PIL) 96.4 % 73.3-129

Chloride, SM4500Cl-B		mg/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	09/11/2019	ND	416	104	400	0.00	
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	09/11/2019	ND	214	107	200	1.48	
DRO >C10-C28*	<10.0	10.0	09/11/2019	ND	215	108	200	2.86	
EXT DRO >C28-C36	<10.0	10.0	09/11/2019	ND					

Surrogate: 1-Chlorooctane 85.6 % 41-142

Surrogate: 1-Chlorooctadecane 91.9 % 37.6-147

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 waived 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 Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

891

[illegible]



2058

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: <u>APACRE CORP</u> Project Manager: <u>APACRE CORP</u>		BILL TO		ANALYSIS REQUEST	
Address: City: _____ State: _____ Zip: _____ Phone #: _____ Fax #: _____ Project #: _____ Project Owner: _____ Project Name: _____ Project Location: <u>Seven Rivers Queen II 400</u> Sample Name: _____		P.O. #: _____ Company: <u>APACRE CORP</u> Attn: <u>Bruce Baker</u> Address: <u>2550 Marland</u> City: <u>HOBBS</u> State: <u>NM</u> Zip: <u>88240</u> Phone #: <u>(505) 631-6980</u> Fax #: _____			
FOR LAB USE ONLY		MATRIX PRESERV SAMPLING			
Lab I.D. Sample I.D. <u>H903115</u> <u>19 South Sp-1</u> <u>18 South Sp-2</u> <u>13 East Sp-1</u> <u>14 East Sp-2</u>	(G)RAB OR (C)OMP. # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER: ACID/BASE: ICE / COOL OTHER:	DATE TIME <u>9-5-19</u> <u>10:26</u> X <u>10:30</u> X <u>10:35</u> X <u>10:55</u> X <u>10:55</u> X			
		ANALYSIS REQUEST <u>On/rides</u> <u>BTEX</u> <u>TPH</u>			
Relinquished By: Date: <u>9-10-19</u> Time: <u>12:15</u> Received By: <u>[Signature]</u>		REMARKS: <u>Montano@Hungry-1-HSE.com</u> <u>larry.baker@apacre.com</u>			
Relinquished By: Date: _____ Time: _____ Received By: _____		PHONE RESULT: <input type="checkbox"/> Yes <input type="checkbox"/> No ADD'l PHONE #: _____ FAX RESULT: <input type="checkbox"/> Yes <input type="checkbox"/> No ADD'l FAX #: _____			
Delivered By: (Circle One) <u>LOE</u> #97 Sampler - UPS - Bus - Other: <u>Corrected 1.05</u>		CHECKED BY: <u>V.O.</u> Sample Condition: <input checked="" type="checkbox"/> Cool <input type="checkbox"/> Intact <input type="checkbox"/> Yes <input type="checkbox"/> No			

District I

1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720

District II

811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720

District III

1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170

District IV

1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

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

CONDITIONS

Action 2165

CONDITIONS

Operator: APACHE CORPORATION 303 Veterans Airpark Ln Midland, TX 79705	OGRID: 873
	Action Number: 2165
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
bbillings	None	7/12/2021