



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

October 9, 2019

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

RE: IRP-3069 State CK # 3

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 August 7, 2010. Apache is respectfully submitting the closure report based on remediation and studies occurring in 2010 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 blue ink, appearing to read "David Feather".

David Feather
Environmental Supervisor
Apache Corporation - Permian Basin Region

Attachment: Closure Report Dated September 27, 2019



Bruce Baker

State CK #3

Remediation Closure Plan

API # 30-025-20540

1RP-06-14-3069

Release Date: 8/7/2010

U/L N, Section 19, Township 21S, Range 37E

Lea County, New Mexico

September 27, 2019



Hungry Horse LLC
4024 Plains Highway
Lovington, NM 88260

August 27, 2019

RE: Closure Request for Apache Corporation – State CK #3
API No. 30-025-20540
U/L N, Section 19, Township 21S, Range 37E

To Whom It May Concern,

On behalf of Apache Corporation, Hungry Horse LLC has prepared this Closure Report that demonstrates the release site associated with the State CK #3 was remediated sometime before or after December 16, 2010, with the RP # of 1RP-06-14-3069.

Background

This site is located in the southern part of Lea County near Eunice, New Mexico. On August 15th, 2010 the C-141 for the Release Notification and Corrective Action was submitted to the NMOCD.

Ground Water Information

Hungry Horse has conducted a ground water study of the area. It has been determined that according to the New Mexico Office of the State Engineer, the average depth of ground water is 234'bgs (below ground surface), minimum depth is 35'bgs and maximum depth is 4374'bgs. The wells located closest to the release site on the State CK #3 that have been recorded as follows:

CP 00484 POD1: well is set at 207'bgs and the water level is 148'bgs, distance from the site is 1297'.

CP 01999 POD1: well is set at 415'bgs and the water level is 372'bgs, distance from the site is 1711'.

This spill release was remediated under the old rule and therefore does not fall under the new standard 19.15.29 NMAC adopted on August 14, 2018.

Site Delineation and Remediation

Apache Corporation began delineation of this site starting on or before September 7th, 2010. An internal investigation and remediation was conducted by Apache. A 5 point composite bottom excavation sample, as well as North, South, East, and West side wall samples were taken. Samples were taken on the 12/16/10 and sent to Cardinal Laboratories and analyzed for chlorides. Lab data was available from the delineation process, which is included in this report.

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
RECEIVED
Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505
SEP 07 2010
HOBSOCD

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 P.O. Box 1849 Eunice, NM 88231	Telephone No. 575-390-4186
Facility Name State CK #3	Facility Type Production well

Surface Owner Bill Stephens	Mineral Owner State of NM	Lease No. 30-025-20540
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LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
N	19	21S	37E	330'	FSL	1549'	FEL	Lea

Latitude _____ Longitude _____

NATURE OF RELEASE

Type of Release Hydrocarbon/Produced Water	Volume of Release 10	Volume Recovered 5
Source of Release Nipple on tubing	Date and Hour of Occurrence 08/07/2010 10am	Date and Hour of Discovery Same
Was Immediate Notice Given? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom?	
By Whom? Natalie Gladden	Date and Hour 08/03/2010	
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 @ 110'

Describe Cause of Problem and Remedial Action Taken.*
Nipple on tubing failed

Describe Area Affected and Cleanup Action Taken.*

Fluid was released on location pad, no fluid in the pasture area. The contamination was excavated and hauled to Sundance Disposal.

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 <i>Spencer Perkins</i> Approved by District Supervisor/Environmental Specialist	
Printed Name: Natalie Gladden	Approval Date: 09/07/10	Expiration Date: 11/08/10
Title: EHS Environmental Tech	Conditions of Approval: SUBMIT FINAL	
E-mail Address: natalie.gladden@apachecorp.com	C-141 BY 11/08/10	Attached <input type="checkbox"/> IRP-06-14-3069
Date: 08/15/2010 Phone: 575-390-4186		

* Attach Additional Sheets If Necessary

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>234</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 type="checkbox"/> Yes <input checked="" 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.*

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

State of New Mexico
Oil Conservation Division

Incident ID	
District RP	
Facility ID	
Application ID	

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.

Printed Name: Bruce Baker Title: Environmental Tech SR.
Signature: Bruce Baker Date: 10-9-19
email: larry.baker@apachecorp.com Telephone: 432-631-6982

OCD Only

Received by: _____ Date: _____

Incident ID	nKJ1604046284
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: 10-9-19
email: larry.baker@apachecorp.com Telephone: 432-631-6982

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: 07/02/2021
Printed Name: Bradford Billings Title: Envi.Spec.A



New Mexico Office of the State Engineer

Water Column/Average Depth to Water

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

No records found.

UTM NAD83 Radius Search (in meters):

Easting (X): 668677.65

Northing (Y): 3592626.96

Radius: 1000

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.

9/24/19 10:34 AM

WATER COLUMN/ AVERAGE
DEPTH TO WATER



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 Number	Code	POD Sub-basin	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Distance	DepthWell	DepthWater	Water Column
CP 00985 POD1		CP	LE	4	4	2	19	21S	37E	669595	3593453	1234	160		
CP 00484		CP	LE	2	4	25	21S	36E	668021	3591508*		1297	207	148	59
CC 01999 POD1		CU	CU	3	3	2	29	03N	36E	670385	3592502	1711	415	372	43
CP 01245 POD1		CP	LE		4	18	21S	37E	668676	3594411		1784	220		
CP 00895		CP	LE	1	1	20	21S	37E	669957	3593956*		1844	163		
CP 00676		CP	LE	4	4	18	21S	37E	669548	3594352*		1932	140	106	34
CP 00446 POD1		CP	LE	1	4	4	13	21S	36E	667871	3594424*	1969	185	148	37
CP 00446 POD2		CP	LE	1	4	4	13	21S	36E	667871	3594424*	1969	200	151	49
CP 00447 POD1		CP	LE	2	4	4	18	21S	37E	669647	3594451*	2065	95		
CP 00448 POD1		CP	LE	2	4	4	18	21S	37E	669647	3594451*	2065	100		
CP 00472 POD1		CP	LE	4	4	2	23	21S	36E	666480	3593391*	2326	200	140	60
CP 00472 POD2		CP	LE	4	4	2	23	21S	36E	666480	3593391*	2326	200	140	60
CP 00472 POD7		CP	LE	1	4	4	23	21S	36E	666293	3592787*	2390	205	165	40
CP 01026 POD1		CP	LE	1	1	3	17	21S	37E	669809	3594958	2591	167	95	72
CP 00472 POD3		CP	LE	4	3	2	23	21S	36E	666077	3593385*	2708	200	140	60
CP 00472 POD4		CP	LE	4	3	2	23	21S	36E	666077	3593385*	2708	200	140	60
CP 00664		CP	LE		2	23	21S	36E	666179	3593687*		2714	185	150	35
CP 00882		CP	LE		2	23	21S	36E	666179	3593687*		2714	195	142	53
CP 00472 POD5		CP	LE	2	3	2	23	21S	36E	666077	3593585*	2771	200	143	57
CP 00472 POD6		CP	LE	2	2	3	23	21S	36E	665682	3593177*	3045	200	128	72
CP 00513 POD1		CP	LE	3	1	3	28	21S	37E	671508	3591467*	3058	5000	4374	626
CP 01302 POD1		CP	LE	1	1	1	33	21S	37E	671454	3591072	3181	162	100	62
CP 01178 POD1		CP	LE	3	3	3	29	21S	37E	671403	3590979	3184	145	85	60
CP 01448 POD1		CP	LE	4	4	4	36	21S	36E	668136	3589337	3333	40		
CP 00322		CP	LE		3	28	21S	37E	671818	3591366*		3384	138	73	65
CP 01301 POD1		CP	LE	3	4	3	28	21S	37E	671871	3591110	3535	130	35	95
CP 00749		CP	LE	2	4	3	28	21S	37E	672118	3591271*	3697	123	75	48
CP 01636 POD2		CP	LE	2	3	2	28	21S	37E	672430	3592065	3794	108		
CP 00965 POD2		CP	LE	1	3	4	28	21S	37E	672273	3591336	3819	135		
CP 00966 POD1		CP	LE	1	3	4	28	21S	37E	672306	3591367	3840	154		

CP 00760 POD1		CP	LE	1	4	4	35	21S	36E	666347	3589567*	<input type="text"/>	3846	5000		
CP 00965 POD1	R	CP	LE	1	3	4	28	21S	37E	672333	3591346	<input type="text"/>	3872	123	60	63
CP 00242 POD1		CP	LE	3	4	2	28	21S	37E	672708	3591889*	<input type="text"/>	4097			
CP 00279 POD1		CP	LE	3	1	3	14	21S	36E	665053	3594579*	<input type="text"/>	4116	197		
CP 00711		CP	LE	4	2	2	28	21S	37E	672900	3592291*	<input type="text"/>	4235	100	65	35
CP 00735		CP	LE		2	4	28	21S	37E	672816	3591588*	<input type="text"/>	4266	105		
CP 01095 POD1		CP	LE	2	2	4	28	21S	37E	672859	3591714	<input type="text"/>	4279	108	48	60
CP 00685 POD1		CP	LE	2	3	4	11	21S	36E	666038	3595997*	<input type="text"/>	4280	220		
CP 01096 POD1		CP	LE	2	2	4	28	21S	37E	672861	3591708	<input type="text"/>	4283	108	48	60
CP 01095 POD2		CP	LE	2	2	4	28	21S	37E	672876	3591714	<input type="text"/>	4296	109	48	61
CP 01077 POD1		CP	LE	1	2	2	33	21S	37E	672710	3590940	<input type="text"/>	4371	80	45	35
CP 00666		CP	LE		2	05	22S	37E	671055	3588939*	<input type="text"/>	4387	120	79	41	
CP 01096 POD2		CP	LE	2	2	4	28	21S	37E	672976	3591731	<input type="text"/>	4391	98	48	50
CP 00761 POD1		CP	LE	4	3	1	01	22S	36E	666964	3588569*	<input type="text"/>	4404	5000		
CP 00763		CP	LE	2	2	3	01	22S	36E	667372	3588374*	<input type="text"/>	4448	265	137	128
CP 00294 POD1		CP	LE	1	3	1	27	21S	37E	673110	3592096*	<input type="text"/>	4464			
CP 00481		CP	LE	4	2	2	05	22S	37E	671349	3589047*	<input type="text"/>	4466	125	90	35
CP 00941 POD1		CP	LE		3	2	22	21S	36E	664254	3593330	<input type="text"/>	4479	257		
CP 00733 POD1		CP	LE		3	3	22	21S	37E	673196	3592801*	<input type="text"/>	4521	7864		
CP 00736		CP	LE		3	1	27	21S	37E	673211	3591997*	<input type="text"/>	4576	120	76	44
L 09966		L	LE	1	2	2	02	17S	37E	667627	3588089	<input type="text"/>	4657	150	70	80
CP 00986 POD1		CP	LE	4	3	4	06	21S	37E	669110	3597437	<input type="text"/>	4830	154		
CP 00726		CP	LE		2	4	33	21S	37E	672844	3589980*	<input type="text"/>	4936	125	100	25
CP 00255 POD1	R	CP	LE	1	4	1	04	22S	37E	671959	3588860*	<input type="text"/>	4995	162		

Average Depth to Water: 234 feet
 Minimum Depth: 35 feet
 Maximum Depth: 4374 feet

Record Count: 54

UTMNA83 Radius Search (in meters):

Easting (X): 668677.65 Northing (Y): 3592626.96 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.

9/24/19 10:33 AM

WATER COLUMN/ AVERAGE DEPTH TO WATER



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 00484	2	4	25	21S	36E	668021	3591508*	<input type="checkbox"/>

Driller License:	46	Driller Company:	ABBOTT BROTHERS COMPANY	
Driller Name:	ABBOTT, MURRELL			
Drill Start Date:	07/16/1970	Drill Finish Date:	07/20/1970	Plug Date:
Log File Date:	07/28/1970	PCW Rcv Date:		Source: Shallow
Pump Type:		Pipe Discharge Size:		Estimated Yield:
Casing Size:	7.00	Depth Well:	207 feet	Depth Water: 148 feet

Water Bearing Stratifications:	Top	Bottom	Description
	124	200	Sandstone/Gravel/Conglomerate

Casing Perforations:	Top	Bottom
	112	207

*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.

9/24/19 10:35 AM POINT OF DIVERSION SUMMARY



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
	CC 01999 POD1	3	3	2	29	03N	36E	670385	3592502 <input type="checkbox"/>

Driller License:	395	Driller Company:	ROMAN WELL SERVICE, INC.	
Driller Name:	D'AMOUR, DON (LD)			
Drill Start Date:	01/29/2009	Drill Finish Date:	01/29/2009	Plug Date:
Log File Date:	01/31/2009	PCW Rcv Date:		Source: Shallow
Pump Type:		Pipe Discharge Size:		Estimated Yield:
Casing Size:	5.00	Depth Well:	415 feet	Depth Water: 372 feet

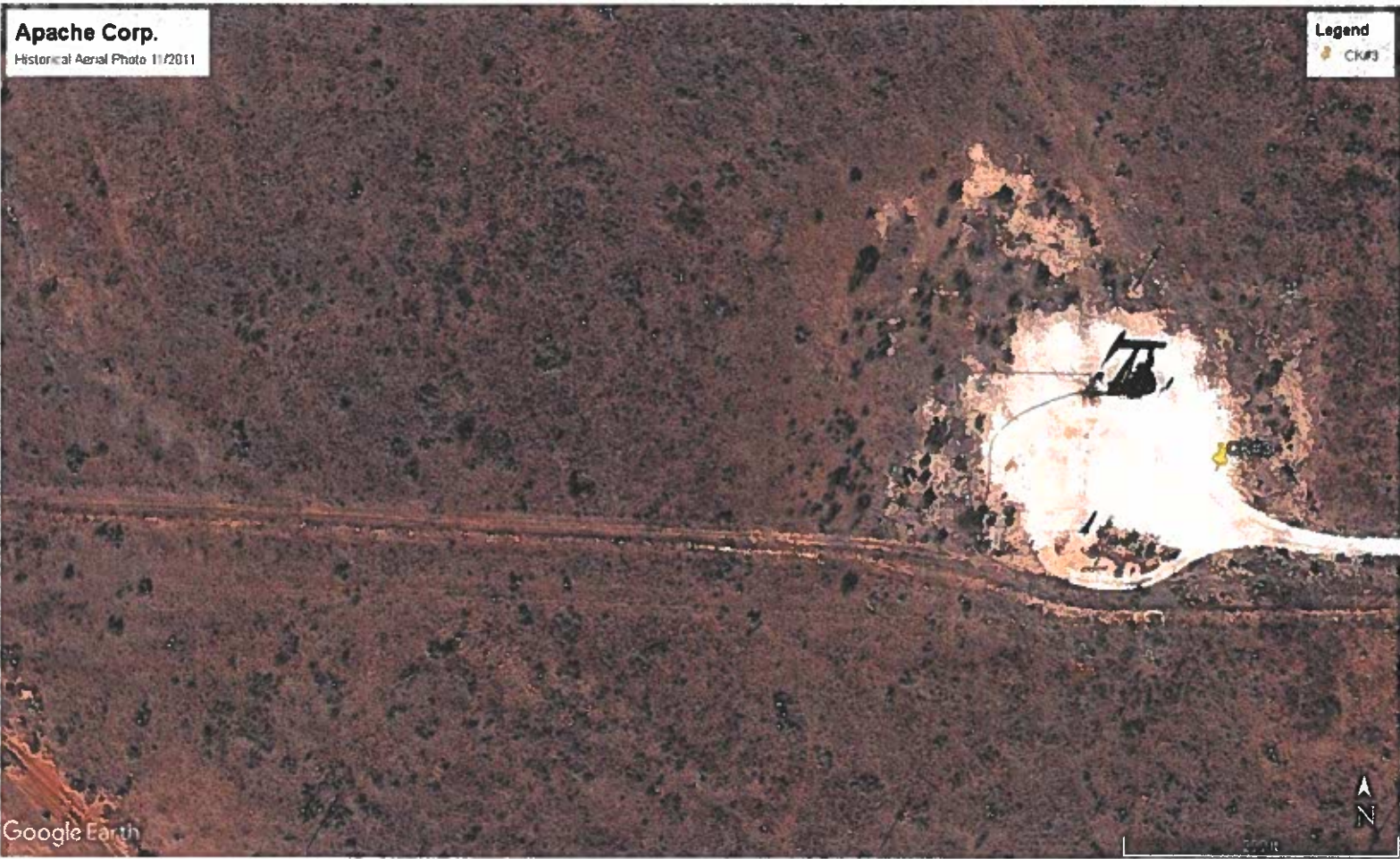
Water Bearing Stratifications:	Top	Bottom	Description
	372	392	Sandstone/Gravel/Conglomerate
	392	409	Sandstone/Gravel/Conglomerate
	409	415	Other/Unknown

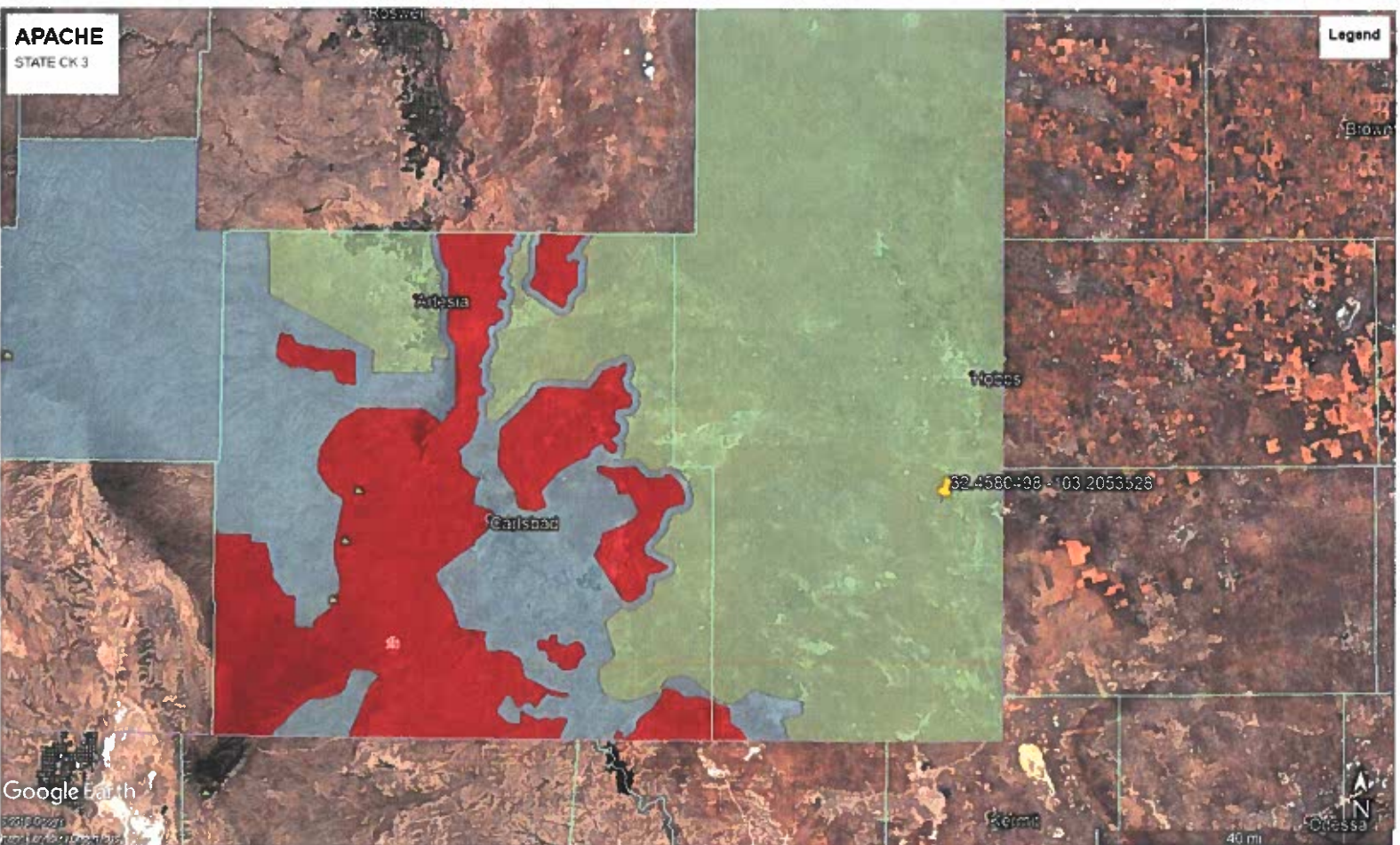
Casing Perforations:	Top	Bottom
	0	415

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.

9/24/19 10:35 AM

POINT OF DIVERSION SUMMARY







PHONE (575) 363-2326 • 101 E. MARLAND • HOBBS, NM 88240

December 21, 2010

NATALIE GLADDEN

APACHE - EUNICE

P. O. BOX 1849

EUNICE, NM 88231

RE: STATE CK #3

Enclosed are the results of analyses for samples received by the laboratory on 12/16/10 16:26.

Cardinal Laboratories is accredited through Texas NELAP for:

Method SW-846 8021	Benzene, Toluene, Ethyl Benzene, and Total Xylenes
Method SW-846 8260	Benzene, Toluene, Ethyl Benzene, and Total Xylenes
Method TX 1005	Total Petroleum Hydrocarbons

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

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 (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 - EUNICE
NATALIE GLADDEN
P. O. BOX 1849
EUNICE NM, 88231
Fax To: 394-2425

Received:	12/16/2010	Sampling Date:	12/16/2010
Reported:	12/21/2010	Sampling Type:	Soil
Project Name:	STATE CK #3	Sampling Condition:	** (See Notes)
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: NORTH WALL (H021548-01)

Sample 22: NORTH WALL (R021548-01)									
Chloride, SM4500Cl-B		mg/kg	Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	12/20/2010	ND	432	108	400	3.77	

Sample ID: EAST WALL (H021548-02)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	12/17/2010	ND	432	108	400	3.77	

Sample ID: SOUTH WALL (H021548-03)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	12/17/2010	ND	432	108	400	3.77		

Sample ID: WEST WALL (H021548-04)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	12/17/2010	ND	432	108	400	3.77	

Sample ID: 5 PT BOTTOM COMP (H021548-05)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	12/17/2010	ND	432	108	400	3.77	

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



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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 SM4500C-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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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 1741

CONDITIONS

Operator: APACHE CORPORATION 303 Veterans Airpark Ln Midland, TX 79705	OGRID: 873
	Action Number: 1741
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
bbillings	None	7/2/2021