Incident ID	pending
District RP	pending
Facility ID	pending
Application ID	pending

February 14, 2019

Mike Bratcher & Robert Hamlet
New Mexico Energy, Minerals and Natural Resources Department
Oil Conservation Division, District 2
811 S. First Street
Artesia, NM 88210

Ryan Mann
Hobbs Field Office
New Mexico State Land Office
2827 North Dal Paso Street, Suite 117
Hobbs, NM 88240

Re: **Site Assessment Report and Proposed Remediation Plan**
Site Name: Tomb Raider 1-12 Fed 718H
GPS: Latitude: 32.34271 Longitude: -103.73229
Legals: UL "A", Sec. 1, T23S, R31E
EddyCounty, New Mexico
NMOCD Ref. No. pending

Lowry Environmental & Associates, LLC (LEA), on behalf of Fluid Delivery Solutions, LLC, has prepared this Site Assessment Report and Proposed Remediation Plan for the Release Site known as the Tomb Raider 1-12 Fed 718H. Details of the release are summarized on the table below:

Nature and Volume of Release			
Date Release Discovered	10/26/2018	**Source of Release**	Lay Flat Hose
Type of Release	Produced and Fresh Water Mix	**Volume Released (bbls)**	44.6
		Volume Recovered (bbls)	0
Cause of Release			
The release was attributed to the failure of a lay flat hose as a result of a valve inadvertantly being left closed.			
Affected Area			
The release affected an area on the north side of the caliche access road measuring approximately 1,800 sq. ft.			
Was this a major release?	**If YES, for what reasons (s) is this considered a major release?**		
Yes	Unauthorized release of a volume of liquids exceeding 25 bbls.		
If Yes, was immediate notice given to the OCD? By whom? To whom? When and by what means?			
Yes, Brett Fulks at Devon emailed Shelly Tucker, Maria Pruett, Mike Bratcher, and Jim Griswold at 4:08 PM on 10/27/2018			

A copy of the Release Notification (NMOCD Form C-141) is provided as Attachment #9.

Incident ID	pending
District RP	pending
Facility ID	pending
Application ID	pending

Site Assessment/Characterization	
What is the shallowest depth to groundwater beneath the area affected by the release?	50-100 Ft.
Did this release impact groundwater or surface water?	No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	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)?	No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	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?	No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	No
Are the lateral extents of the release within 300 feet of a wetland?	No
Are the lateral extents of the release overlying a subsurface mine?	No
Are the lateral extents of the release overlying an unstable area such as karst geology?	No
Are the lateral extents of the release within a 100-year floodplain?	No
Did the release impact areas **not** on an exploration, development, production or storage site?	Yes

A search of groundwater databases maintained by the New Mexico Office of the State Engineer (NMOSE) and United States Geological Survey was conducted in an effort to determine the average depth to groundwater within a 1 Mile radius of the Site and identify any registered water wells within a 1/2 Mile radius of the Site. If none where identified, or the results were inconclusive, the approximate depth to groundwater was extrapolated from available data including the Depth to Groundwater Map utilized by the NMOCD.

Based on the volume and nature of the release, inferred depth to groundwater and NMOCD Siting Criteria, the NMOCD Closure Criteria for the Site is as follows:

Closure Criteria for Soil Impacted by a Release	
Benzene	**10 mg/kg**
Benzene, Toluene, Ethylbenzene and Total Xylenes (BTEX)	**50 mg/kg**
Total Petroleum Hydrocarbons	**2,500 mg/kg**
Combined GRO and DRO	**1,000 mg/kg**
Chloride	**20,000 mg/kg**

NMOCD Siting Criteria data was gathered from available resources including Bureau of Land Management (BLM) shapefiles; topographic maps; NMOSE and USGS databases; and aerial imagery. The results are depicted on Figures 1 & 2. Depth to groundwater information is provided as Attachment #4. A Photographic Log is provided as Attachment #8.

Incident ID	pending
District RP	pending
Facility ID	pending
Application ID	pending

INITIAL SITE ASSESSMENT

On **January 25, 2019,** an initial assessment was conducted at the Site. During the initial assessment, twelve (12) soil samples were collected from within the release margins in an effort to determine if soil was affected above the NMOCD Closure Criteria and/or the vertical and horizontal extent. The collected soil samples were submitted to an NMOCD-approved laboratory for analysis of BTEX, TPH and/or chloride concentrations. Laboratory analytical results indicated BTEX, TPH and/or chloride concentrations were below the NMOCD Closure Criteria in each of the submitted soil samples. Analytical results indicated BTEX, TPH and/or chloride concentrations were below the BLM Reclamation Standards in each of the submitted soil samples with the exception of soil samples SP #3 0-4", SP #3 18", SP #4 0-4", SP #5 0-4" and SP #6 0-4", which exhibited chloride concentrations of 2,080, 656, 768, 1,870, and 1,800 mg/kg, respectively.

A table summarizing laboratory analytical results from soil samples collected during the initial site assessment is provided below:

Concentrations of BTEX, TPH and/or Chloride in Soil

Sample ID	Date	Depth	Soil Status	SW 846 8021B		SW 846 8015M Ext.					4500Cl
				Benzene (mg/kg)	BTEX (mg/kg)	GRO C_6-C_{10} (mg/kg)	DRO C_{10}-C_{28} (mg/kg)	GRO + DRO C_6-C_{28} (mg/kg)	ORO C_{28}-C_{36} (mg/kg)	TPH C_6-C_{36} (mg/kg)	Chloride (mg/kg)
SP #1 0-4"	1/25/19	0-4"	In-Situ	-	-	-	-	-	-	-	80.0
SP #1 18"	1/25/19	18"	In-Situ	-	-	-	-	-	-	-	160
SP #2 0-4"	1/25/19	0-4"	In-Situ	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	464
SP #2 18"	1/25/19	18"	In-Situ	-	-	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
SP #3 0-4"	1/25/19	0-4"	In-Situ	-	-	-	-	-	-	-	2,080
SP #3 18"	1/25/19	18"	In-Situ	-	-	-	-	-	-	-	656
SP #4 0-4"	1/25/19	0-4"	In-Situ	-	-	<10.0	<10.0	<10.0	<10.0	<10.0	768
SP #4 18"	1/25/19	18"	In-Situ	-	-	-	-	-	-	-	64.0
SP #5 0-4"	1/25/19	0-4"	In-Situ	-	-	-	-	-	-	-	1,870
SP #5 18"	1/25/19	18"	In-Situ	-	-	-	-	-	-	-	336
SP #6 0-4"	1/25/19	0-4"	In-Situ	-	-	-	-	-	-	-	1,800
SP #6 18"	1/25/19	18"	In-Situ	-	-	-	-	-	-	-	176
Closure Criteria				**10**	**50**	**-**	**-**	**1,000**	**-**	**2,500**	**20,000**

A "Site & Sample Location Map" is provided as Attachment #3. Field Data, if applicable, is provided as Attachment #5. Soil profile observations are provided on Attachment #6. Laboratory analytical reports are provided as Attachment #7.

Incident ID	pending
District RP	pending
Facility ID	pending
Application ID	pending

PROPOSED REMEDIATION PLAN

Based on laboratory analytical results, site characteristics and field observations made during the initial site assessment, Fluid Delivery Solutions, LLC proposes the following remediation activities designed to advance the Site toward an approved closure:

•Utilizing mechanical equipment, excavate impacted soil within the release margins in the area characterized by sample point SP #3 to a depth beyond 18 in. bgs, until laboratory analytical results from confirmation soil samples indicate concentrations of chloride are below the applicable BLM Reclamation Standards. Impacted soil in the areas characterized by sample points SP #4, SP #5 and SP #6 will be excavated to a depth beyond 4 in. bgs, or until laboratory analytical results from confirmation soil samples indicate concentrations of chloride are below the applicable BLM Reclamation Standards.
• Excavated soil will be temporarily stockpiled on-site, pending transportation under manifest to an NMOCD-approved disposal facility.
• Upon receiving favorable laboratory analytical results from confirmation soil samples (below the NMOCD Closure Criteria and BLM Reclamation Standards) excavated areas will be backfilled with locally sourced, non-impacted "like" material. Excavation backfill will be placed at or near original relative positions. The affected area will be contoured and/or compacted to achieve erosion control, stability and preservation of surface water flow to the extent practicable.

SAMPLING PLAN

Upon completion of excavation activities, representative five-point composite excavation confirmation soil samples will be collected from the excavation sidewalls in each cardinal direction, representing no more than **50 linear ft**. A minimum of **one (1**) representative five-point composite excavation confirmation soil sample will be collected from the base of the excavated area representing every **200 square feet**. Additional, "discrete" confirmation soil samples will be collected from wet or visibly stained areas inferred to have been affected by the release, as necessary. Excavation confirmation soil samples will be analyzed for constituents of concern present above the NMOCD Closure Criteria as determined during the Initial Site Assessment.

TIMELINE AND ESTIMATED VOLUME OF SOIL TO BE REMEDIATED

Remediation activities are expected to be completed **within 90 days** of receiving necessary approval(s) of this Site Assessment Summary and Proposed Remediation Plan. Based on laboratory analytical results, site characteristics and field observations made during the initial site assessment it is estimated that approximately **200 cubic yards** of soil has been affected above the NMOCD Closure Criteria and BLM Reclamation Standards.

Incident ID	pending
District RP	pending
Facility ID	pending
Application ID	pending

RESTORATION, RECLAMATION AND RE-VEGETATION PLAN

Areas affected by remediation and closure activities will be substantially restored to the condition that existed prior to the release, to the extent practicable. Excavated areas will be backfilled with locally sourced, non-impacted "like" material placed at or near original relative positions. The affected area will be contoured and/or compacted to achieve erosion control, stability and preservation of surface water flow to the extent practicable. Affected areas not on production pads and/or lease roads will be reseeded with a BLM-approved seed mixture during the first favorable growing season following closure of the site.

If you have any questions, or need any additional information, please feel free to contact Jess Foshee or the undersigned by phone or email.

Respectfully,

Joel W. Lowry
Environmental Professional
Lowry Environmental & Associates, LLC

Attachments:

Attachment #1- Figure 1 - Topographic Map
Attachment #2- Figure 2 - Aerial Map
Attachment #3- Figure 3 - Site & Sample Location Map
Attachment #4- Depth to Groundwater Information
Attachment #5 Field Data
Attachment #6- Soil Profile
Attachment #7- Laboratory Analytical Reports
Attachment #8- Photographic Log
Attachment #9- Release Notification (FORM C-141)

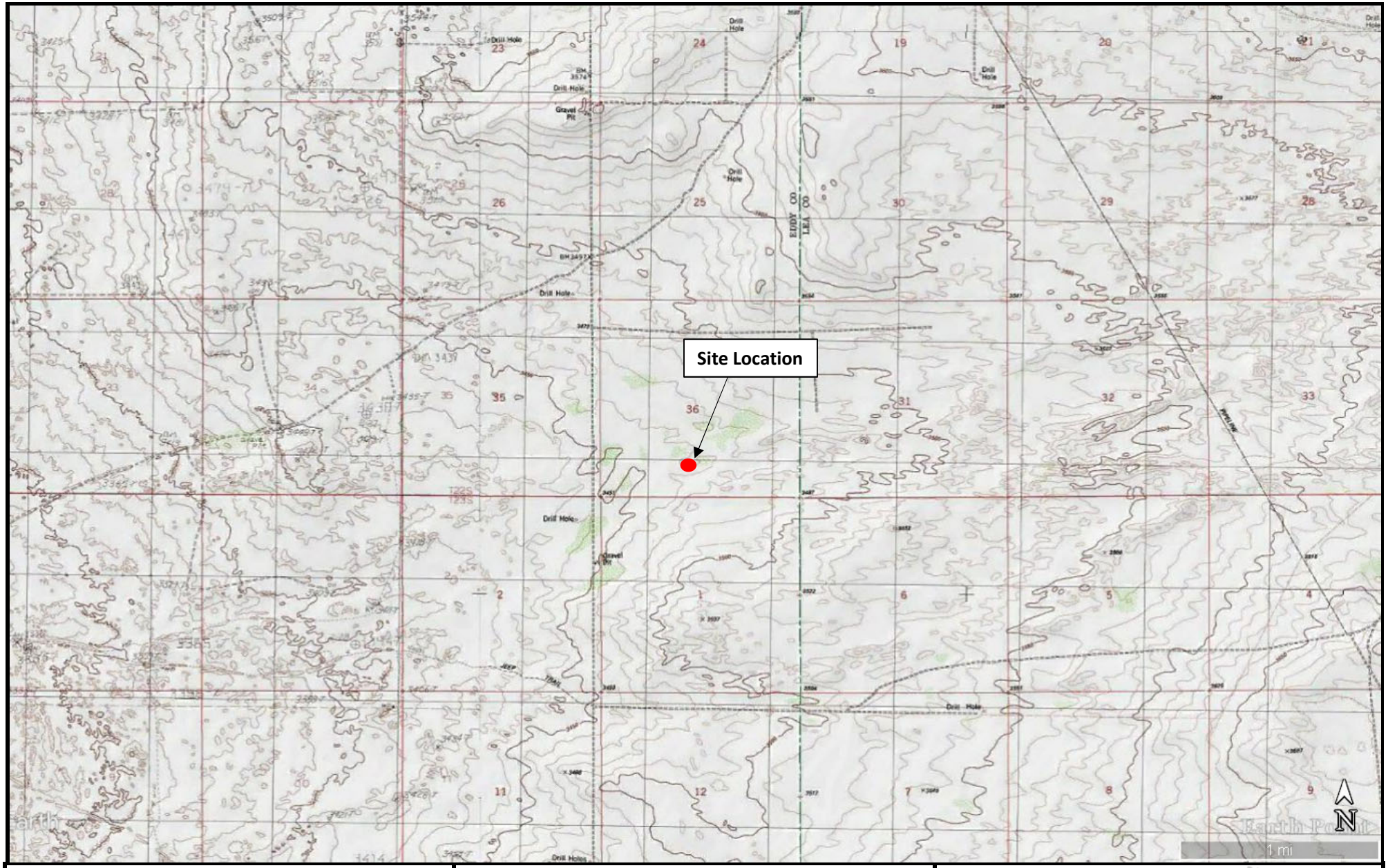
LIMITATIONS

This document has been prepared on behalf of Fluid Delivery Solutions, LLC. Use of information contained in this report, including exhibits and attachments, by any other party without the consent of LEA and/or Fluid Delivery Solutions, LLC is prohibited.

This document has been prepared in a professional manner, using the degree of skill and care exercised by similar environmental professionals. LEA notes that the facts and conditions referenced in this document may change over time and that the conclusions and recommendations are only applicable to the facts and conditions as described at the time this document was prepared.

LEA has prepared this report to the best of its ability. No other warranty, expressed or implied, is made or intended.

Attachment #1
Figure 1 - Topographic Map



LEGEND:

- Site Location

Figure 1

Topographic Map

Fluid Delivery Solutions, LLC

Tomb Raider 1-12 Fed 718H

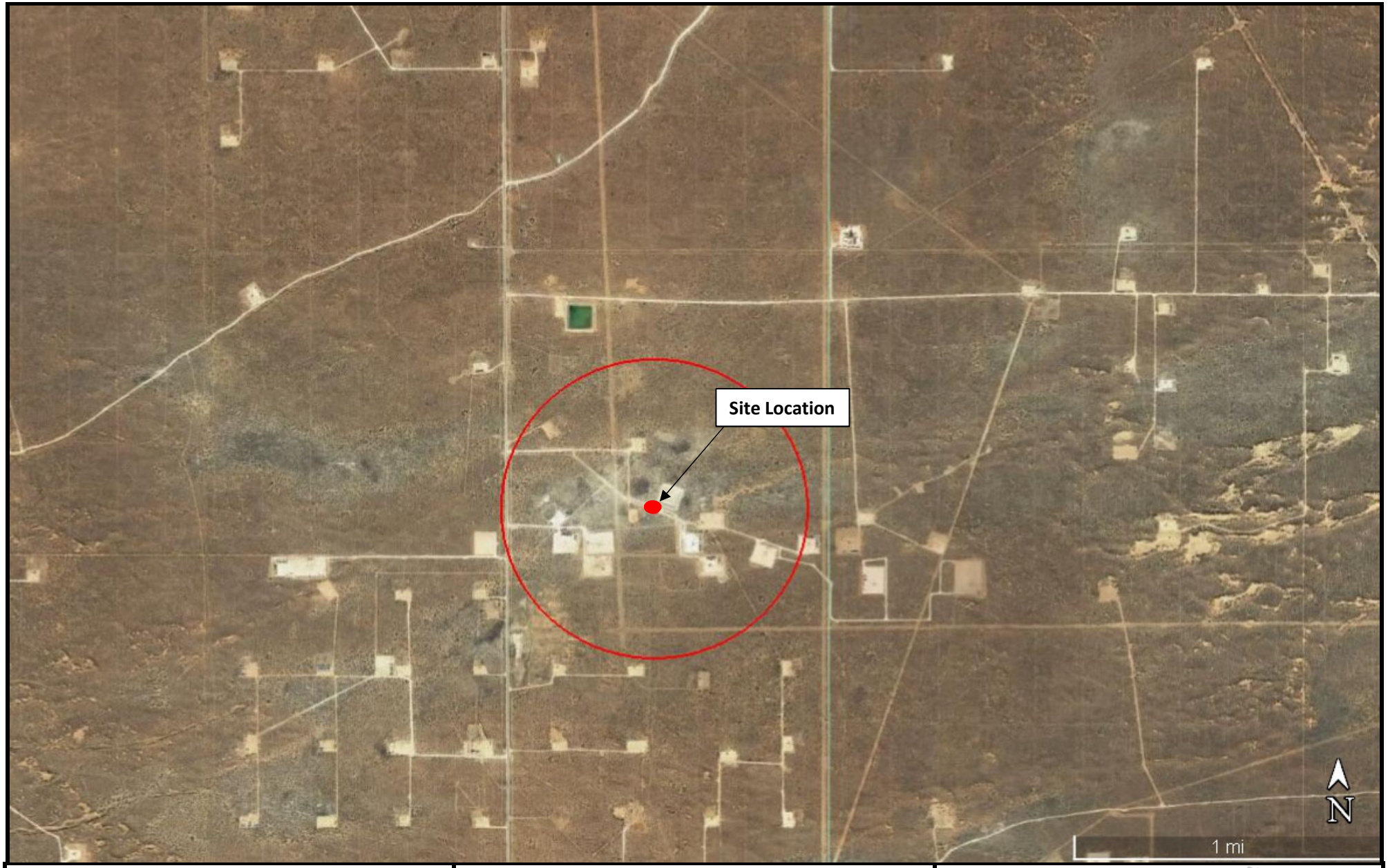
GPS: 32.34271, -103.73229

EddyCounty, New Mexico

LOWRY environmental

Drafted by: jwl Checked by: client Date: 2/14/2019

Attachment #2
Figure 2 - Aerial Map



LEGEND:

- Site Location
- OSE Fresh Water Well
- 100-Year Floodplain
- High/Critical Karst
- Non-Inustrial Building
- Subsurface Mine
- 1/2 Mile Radius
- Wetland

Figure 2

Aerial Map

Fluid Delivery Solutions, LLC

Tomb Raider 1-12 Fed 718H

GPS: 32.34271, -103.73229

EddyCounty, New Mexico

LOWRY environmental

Drafted by: jwl Checked by: client Date: 2/14/2019

Attachment #3
Figure 3 - Site & Sample Location Map

LEGEND:

- Excavated Area
- Pipeline
- Sample Location

Figure 3

Site & Sample Location Map
Fluid Delivery Solutions, LLC
Tomb Raider 1-12 Fed 718H
GPS: 32.34271, -103.73229
EddyCounty, New Mexico

LOWRY environmental

Drafted by: jwl Checked by: client Date: 2/14/2019

Attachment #4
Depth to Groundwater Information

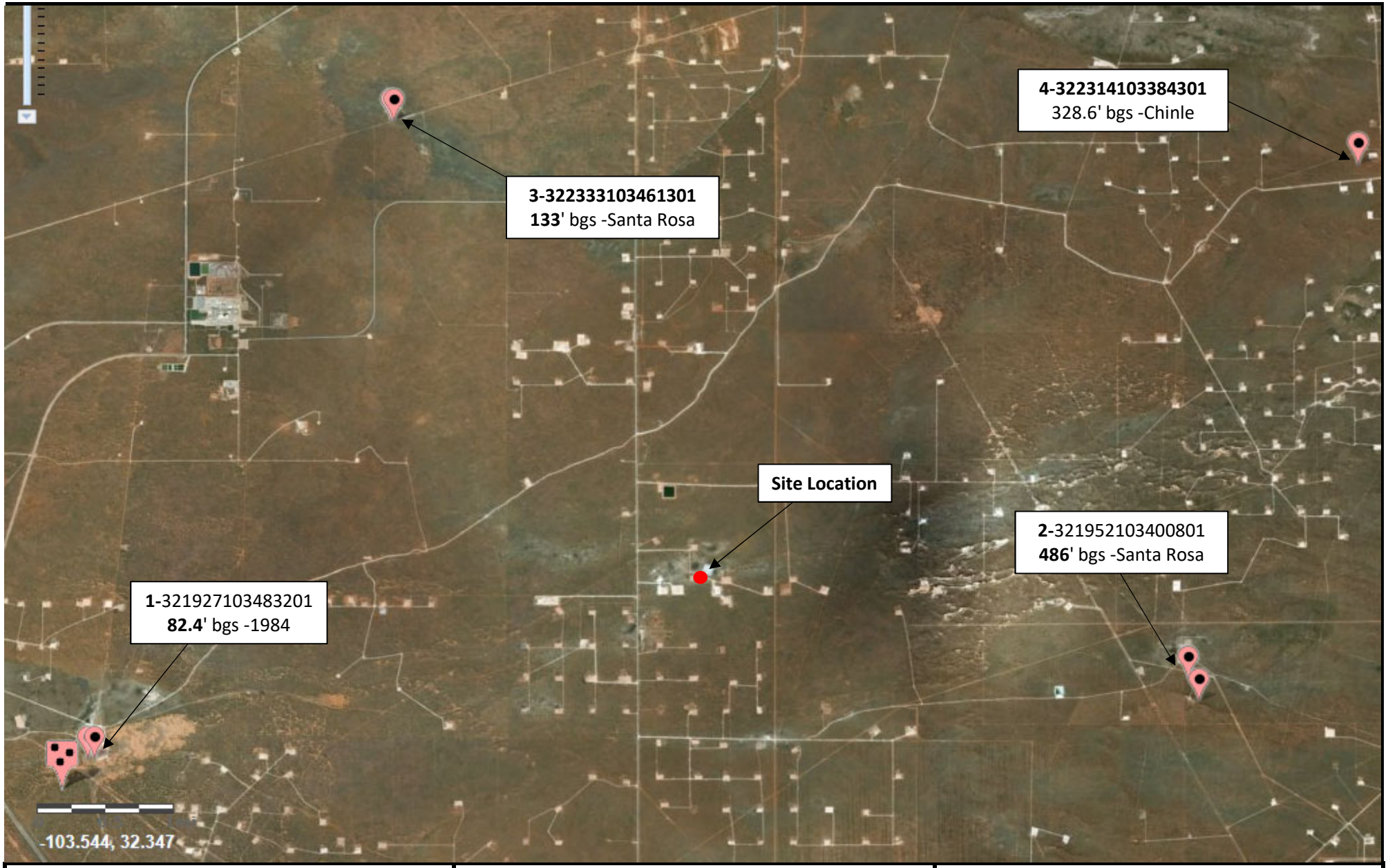
New Mexico Office of the State Engineer
Water Column/Average Depth to Water

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

No records found.

UTMNAD83 Radius Search (in meters):

Easting (X): 617248 **Northing (Y):** 3552683 **Radius:** 1610



LEGEND:

- Site Location

Figure 4

Depth to Groundwater Map
Fluid Delivery Solutions, LLC
Tomb Raider 1-12 Fed 718H
GPS: 32.34271, -103.73229
EddyCounty, New Mexico

LOWRY environmental

Drafted by: jwl Checked by: client Date: 2/14/2019

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Groundwater levels for the Nation

Search Results -- 1 sites found

Agency code = usgs
site_no list =
- 320643103465002

Minimum number of levels = 1
Save file of selected sites to local disk for future upload

USGS 320643103465002 25S.31E.21.413314A

Eddy County, New Mexico
Latitude 32°06'46.0", Longitude 103°46'56.3" NAD83
Land-surface elevation 3,374.00 feet above NGVD29
The depth of the well is 400 feet below land surface.
This well is completed in the Alluvium, Bolson Deposits and Other Surface Deposits (110AVMB) local aquifer.

Output formats

Table of data
Tab-separated data
Graph of data
Reselect period

Date	Time	? Water-level date-time accuracy	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	? Water-level accuracy	? Status	? Method of measurement	? Measuring agency	? Source of measurem
1959-02-17		D	318.02			2	P	U		
2013-01-17	12:40 MST	m					D	S	USGS	

Explanation

Section	Code	Description
Water-level date-time accuracy	D	Date is accurate to the Day
Water-level date-time accuracy	m	Date is accurate to the Minute
Water-level accuracy		Not determined
Water-level accuracy	2	Water level accuracy to nearest hundredth of a foot
Status	D	Site was dry (no water level was recorded).
Status	P	Site was being pumped.
Method of measurement	S	Steel-tape measurement.
Method of measurement	U	Unknown method.
Measuring agency		Not determined
Measuring agency	USGS	U.S. Geological Survey
Source of measurement	R	Reported by person other than the owner, driller, or another government agency.
Source of measurement	U	Source is unknown.
Water-level approval status	A	Approved for publication -- Processing and review completed.

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Groundwater levels for the Nation

Search Results -- 1 sites found

Agency code = usgs
site_no list =
- 320932103443801

Minimum number of levels = 1
Save file of selected sites to local disk for future upload

USGS 320932103443801 25S.31E.02.23441

Eddy County, New Mexico
Latitude 32°09'37.4", Longitude 103°44'29.6" NAD83
Land-surface elevation 3,460.00 feet above NGVD29
The depth of the well is 1,016 feet below land surface.
This well is completed in the Rustler Formation (312RSLR) local aquifer.

Output formats

Table of data
Tab-separated data
Graph of data
Reselect period

Date	Time	? Water-level date-time accuracy	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	? Water-level accuracy	? Status	? Method of measurement	? Measuring agency	? Source of measurem
1966-08-18		D	400.00			2		U		
1976-01-28		D	390.27			2		U		

Explanation

Section	Code	Description
Water-level date-time accuracy	D	Date is accurate to the Day
Water-level accuracy	2	Water level accuracy to nearest hundredth of a foot
Status		The reported water-level measurement represents a static level
Method of measurement	U	Unknown method.
Measuring agency		Not determined
Source of measurement	U	Source is unknown.
Water-level approval status	A	Approved for publication -- Processing and review completed.

Page Contact Information: USGS Water Data Support Team
Page Last Modified: 2019-02-12 18:29:11 EST
0.46 0.43 nadww01

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- Full News

Groundwater levels for the Nation

Search Results -- 1 sites found

Agency code = usgs
site_no list =
- 321005103402301

Minimum number of levels = 1
Save file of selected sites to local disk for future upload

USGS 321005103402301 24S.32E.33.42241

Lea County, New Mexico
Latitude 32°10'21.6", Longitude 103°40'18.9" NAD83
Land-surface elevation 3,499.00 feet above NGVD29
The depth of the well is 367 feet below land surface.
This well is completed in the Chinle Formation (231CHNL) local aquifer.

Output formats

Table of data
Tab-separated data
Graph of data
Reselect period

Date	Time	? Water-level date-time accuracy	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	? Water-level accuracy	? Status	? Method of measurement	? Measuring agency	? Source of measurem
1959-02-18		D	313.40			2		U		
1981-06-12		D	304.40			2		U		
1986-03-11		D	305.21			2		U		
1991-05-29		D	287.45			2		U		
1996-03-14		D	285.40			2		S		
2001-02-27		D	288.68			2		S		
2013-01-17	09:30 MST	m	289.69			2		S	USGS	

Explanation

Section	Code	Description
Water-level date-time accuracy	D	Date is accurate to the Day
Water-level date-time accuracy	m	Date is accurate to the Minute
Water-level accuracy	2	Water level accuracy to nearest hundredth of a foot
Status		The reported water-level measurement represents a static level
Method of measurement	S	Steel-tape measurement.
Method of measurement	U	Unknown method.
Measuring agency		Not determined
Measuring agency	USGS	U.S. Geological Survey
Source of measurement	R	Reported by person other than the owner, driller, or another government agency.
Source of measurement	U	Source is unknown.

Section	Code	Description
Water-level approval status	A	Approved for publication -- Processing and review completed.

Questions about sites/data?
Feedback on this web site
Automated retrievals
Help
Data Tips
Explanation of terms
Subscribe for system changes
News

Accessibility Plug-Ins FOIA Privacy Policies and Notices

U.S. Department of the Interior | U.S. Geological Survey

Title: Groundwater for USA: Water Levels
URL: https://nwis.waterdata.usgs.gov/nwis/gwlevels?

Page Contact Information: USGS Water Data Support Team
Page Last Modified: 2019-02-12 18:30:00 EST
0.49 0.45 nadww01

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Groundwater levels for the Nation

Search Results -- 1 sites found

Agency code = usgs
site_no list =
- 320424103415401

Minimum number of levels = 1
Save file of selected sites to local disk for future upload

USGS 320424103415401 26S.31E.01.421322

Eddy County, New Mexico
Latitude 32°04'24", Longitude 103°41'54" NAD27
Land-surface elevation 3,294 feet above NAVD88
This well is completed in the Santa Rosa Sandstone (231SNRS) local aquifer.

Output formats

Table of data
Tab-separated data
Graph of data
Reselect period

Date	Time	? Water-level date-time accuracy	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	? Water-level accuracy	? Status	? Method of measurement	? Measuring agency	? Source of measurem
1983-01-26		D	290.12			2		U		
1983-02-14		D	289.42			2		U		
1987-10-21		D	289.90			2		U		

Explanation

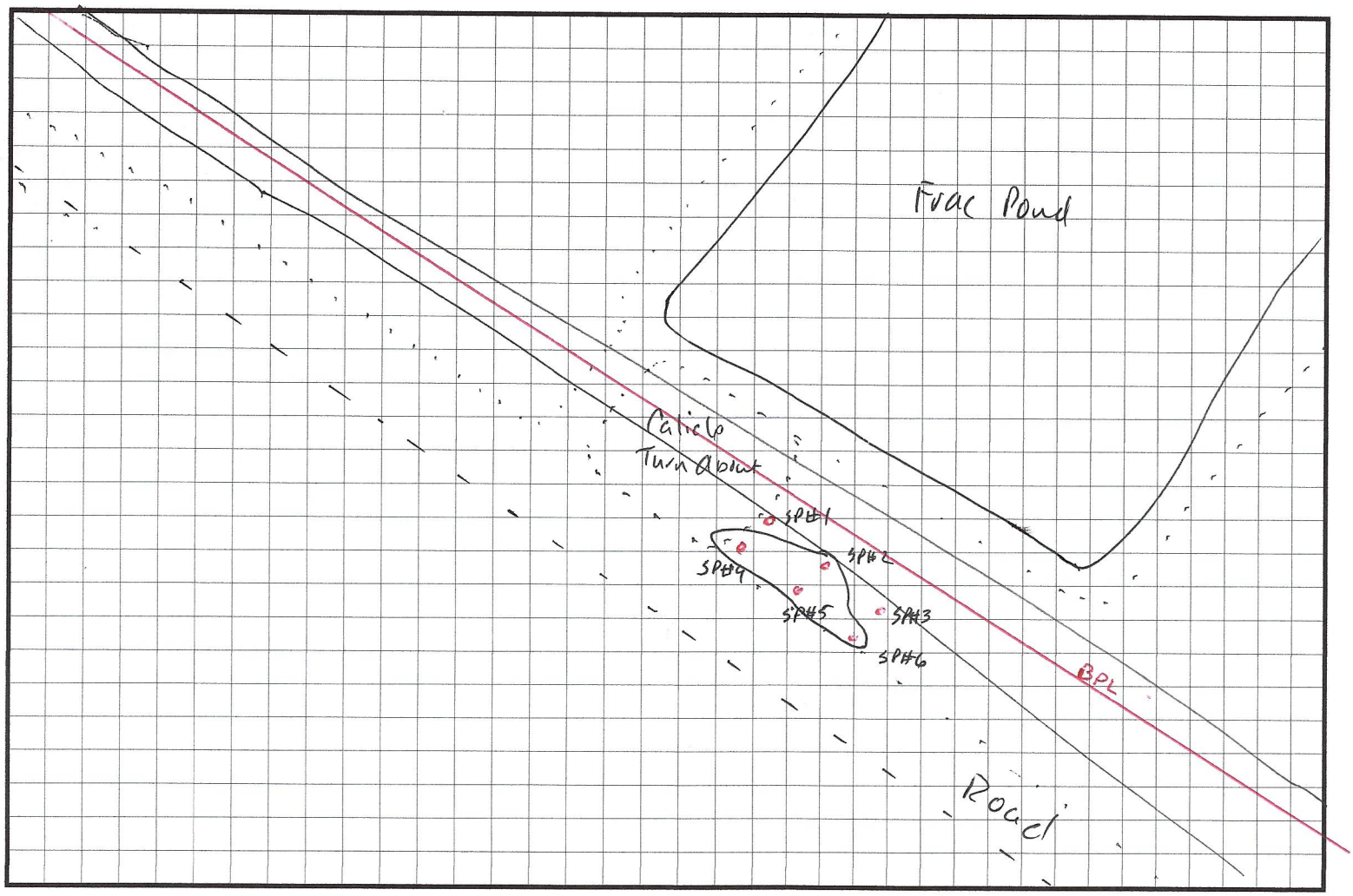
Section	Code	Description
Water-level date-time accuracy	D	Date is accurate to the Day
Water-level accuracy	2	Water level accuracy to nearest hundredth of a foot
Status		The reported water-level measurement represents a static level
Method of measurement	U	Unknown method.
Measuring agency		Not determined
Source of measurement	U	Source is unknown.
Water-level approval status	A	Approved for publication -- Processing and review completed.

Attachment #5
Field Data

FIELD NOTES

Site Name: Tomb Raider 1-12 Fed 7184

Date: 10/26/2018



Visit Release Site, Surface Staining Visible on East side of Turnabout, Low area
Grid Sample to Look for Impacts
Run Chloride Field Test

Field ID	Odor/PID	Chloride
SPH#1	None	<120
SPH#1	"	<120

Field ID	Odor/PID	Chloride
SPH#2	None	4136
SPH#2	"	<170

Field ID	Odor/PID	Chloride
SPH#3	None	1780
SPH#3	"	5604

Field ID	Odor/PID	Chloride
SPH#4	None	588
SPH#4	"	<170

Field ID	Odor/PID	Chloride
SPH#5	None	1908
SPH#5	"	164

Field ID	Odor/PID	Chloride
SPH#6	None	1360
SPH#6	"	<170

Attachment #6
Soil Profile

SOIL PROFILE

Site Name: Tomb Raider 1-12 Fed 7181H

Date: 10/26/2018

Description	Depth (ft. bgs)
Road Base/Caliche	1
Red/Brown Soil	2
	3
	4
	5
	6
	7
	8
	9
	0
	1
	2
	3
	4
	5
	6
	7
	8
	9
	0
	1
	2
	3
	4
	5
	6
	7
	8
	9
	0
	1
	2
	3
	4
	5
	6
	7
	8
	9
	0

Attachment #7
Laboratory Analytical Reports

CARDINAL Laboratories

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

February 01, 2019

JOEL LOWRY

LOWRY ENVIROMENTAL & ASSOCIATES

PO BOX 296

LOVINGTON, NM 88260

RE: TOMB RAIDER 718 PUMP

Enclosed are the results of analyses for samples received by the laboratory on 01/30/19 13:40.

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 accreditated through the State of Colorado Department of Public Health and Environment for:

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

Celey D. Keene

Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

LOWRY ENVIROMENTAL & ASSOCIATES
JOEL LOWRY
PO BOX 296
LOVINGTON NM, 88260
Fax To:

Received:	01/30/2019	Sampling Date:	01/25/2019
Reported:	02/01/2019	Sampling Type:	Soil
Project Name:	TOMB RAIDER 718 PUMP	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	FLUID DELIVERY - LEA CO NM		

Sample ID: SP # 1 0-4" (H900329-01)

Chloride, SM4500Cl-B **mg/kg** **Analyzed By: AC**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**80.0**	16.0	01/31/2019	ND	416	104	400	0.00	

Sample ID: SP # 1 18" (H900329-02)

Chloride, SM4500Cl-B **mg/kg** **Analyzed By: AC**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**160**	16.0	01/31/2019	ND	416	104	400	0.00	

Sample ID: SP # 2 0-4" (H900329-03)

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	01/31/2019	ND	2.36	118	2.00	0.804	
Toluene*	<0.050	0.050	01/31/2019	ND	2.24	112	2.00	0.837	
Ethylbenzene*	<0.050	0.050	01/31/2019	ND	2.20	110	2.00	1.03	
Total Xylenes*	<0.150	0.150	01/31/2019	ND	6.73	112	6.00	1.10	
Total BTEX	<0.300	0.300	01/31/2019	ND					

Surrogate: 4-Bromofluorobenzene (PID *101 %* *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	**464**	16.0	01/31/2019	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

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

LOWRY ENVIROMENTAL & ASSOCIATES
JOEL LOWRY
PO BOX 296
LOVINGTON NM, 88260
Fax To:

Received:	01/30/2019	Sampling Date:	01/25/2019
Reported:	02/01/2019	Sampling Type:	Soil
Project Name:	TOMB RAIDER 718 PUMP	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	FLUID DELIVERY - LEA CO NM		

Sample ID: SP # 2 0-4" (H900329-03)

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	01/31/2019	ND	171	85.3	200	1.48	
DRO >C10-C28*	<10.0	10.0	01/31/2019	ND	177	88.5	200	1.49	
EXT DRO >C28-C36	<10.0	10.0	01/31/2019	ND					

Surrogate: 1-Chlorooctane	*91.1 %*	*41-142*
Surrogate: 1-Chlorooctadecane	*84.0 %*	*37.6-147*

Sample ID: SP # 2 18" (H900329-04)

Chloride, SM4500Cl-B **mg/kg** **Analyzed By: AC**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**32.0**	16.0	01/31/2019	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	01/31/2019	ND	171	85.3	200	1.48	
DRO >C10-C28*	<10.0	10.0	01/31/2019	ND	177	88.5	200	1.49	
EXT DRO >C28-C36	<10.0	10.0	01/31/2019	ND					

Surrogate: 1-Chlorooctane	*94.0 %*	*41-142*
Surrogate: 1-Chlorooctadecane	*83.1 %*	*37.6-147*

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

LOWRY ENVIROMENTAL & ASSOCIATES
JOEL LOWRY
PO BOX 296
LOVINGTON NM, 88260
Fax To:

Received:	01/30/2019	Sampling Date:	01/25/2019
Reported:	02/01/2019	Sampling Type:	Soil
Project Name:	TOMB RAIDER 718 PUMP	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	FLUID DELIVERY - LEA CO NM		

Sample ID: SP # 3 0-4" (H900329-05)

Chloride, SM4500Cl-B **mg/kg** **Analyzed By: AC**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**2080**	16.0	01/31/2019	ND	416	104	400	0.00	

Sample ID: SP # 3 18" (H900329-06)

Chloride, SM4500Cl-B **mg/kg** **Analyzed By: AC**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**656**	16.0	01/31/2019	ND	416	104	400	0.00	

Sample ID: SP # 4 0-4" (H900329-07)

Chloride, SM4500Cl-B **mg/kg** **Analyzed By: AC**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**768**	16.0	01/31/2019	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	01/31/2019	ND	171	85.3	200	1.48	
DRO >C10-C28*	<10.0	10.0	01/31/2019	ND	177	88.5	200	1.49	
EXT DRO >C28-C36	<10.0	10.0	01/31/2019	ND					

Surrogate: 1-Chlorooctane	*82.6 %*	*41-142*
Surrogate: 1-Chlorooctadecane	*72.8 %*	*37.6-147*

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

LOWRY ENVIROMENTAL & ASSOCIATES
JOEL LOWRY
PO BOX 296
LOVINGTON NM, 88260
Fax To:

Received:	01/30/2019	Sampling Date:	01/25/2019
Reported:	02/01/2019	Sampling Type:	Soil
Project Name:	TOMB RAIDER 718 PUMP	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	FLUID DELIVERY - LEA CO NM		

Sample ID: SP # 4 18" (H900329-08)

Chloride, SM4500Cl-B **mg/kg** **Analyzed By: AC**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**64.0**	16.0	01/31/2019	ND	416	104	400	0.00	

Sample ID: SP # 5 0-4" (H900329-09)

Chloride, SM4500Cl-B **mg/kg** **Analyzed By: AC**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**1870**	16.0	01/31/2019	ND	416	104	400	0.00	

Sample ID: SP # 5 18" (H900329-10)

Chloride, SM4500Cl-B **mg/kg** **Analyzed By: AC**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**336**	16.0	01/31/2019	ND	416	104	400	0.00	

Sample ID: SP # 6 0-4" (H900329-11)

Chloride, SM4500Cl-B **mg/kg** **Analyzed By: AC**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**1800**	16.0	01/31/2019	ND	416	104	400	0.00	QM-07

Sample ID: SP # 6 18" (H900329-12)

Chloride, SM4500Cl-B **mg/kg** **Analyzed By: AC**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**176**	16.0	01/31/2019	ND	416	104	400	0.00	

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Notes and Definitions

QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
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

Celey D. Keene, Lab Director/Quality Manager

1 of 2

CARDINAL Laboratories

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name:	Fluid Delivery	**BILL TO**	
Project Manager:	Joel Lowry	**P.O. #:**	
Address:	PO 896	**Company:**	Lowry Environmental
City:	Lovington **State:** NM **Zip #**	**Attn:**	CO Joel Lowry
Phone #:	432-466-4450 **Fax #:**	**Address:**	
Project #:	**Project Owner:**	**City:**	
Project Name:	Tomb Raider 718 Pump	**State:**	**Zip:**
Project Location:	Lea County, New Mexico	**Phone #:**	
Sampler Name:	Joel Lowry	**Fax #:**	

FOR LAB USE ONLY				MATRIX						PRESERV.			SAMPLING		ANALYSIS REQUEST											
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**	**Chloride**	**TPH 8015**	**BTEX 8021**									
H900329																									
1	SP #1 0-4"	G	1			x					x		1/25/19		x										
2	SP #1 18"	G	1			x					x		1/25/19		x										
3	SP #2 0-4"	G	1			x					x		1/25/19		x	x	x								
4	SP #2 18"	G	1			x					x		1/25/19		x	x									
5	SP #3 0-4"	G	1			x					x		1/25/19		x										
6	SP #3 18"	G	1			x					x		1/25/19		x										
7	SP #4 0-4"	G	1			x					x		1/25/19		x	x									
8	SP #4 18"	G	1			x					x		1/25/19		x										
9	SP #5 0-4"	G	1			x					x		1/25/19		x										
10	SP #5 18"	G	1			x					x		1/25/19		x										

Relinquished By: Joel Lowry	**Date:** 1/30/19 **Time:** 13:40	**Received By:** Jodi Henson	**Phone Result:** ☐ Yes ☐ No **Add'l Phone #:**
Relinquished By:	**Date:** **Time:**	**Received By:**	**Fax Result:** ☐ Yes ☐ No **Add'l Fax #:**
			REMARKS: joel@lowryenvironmental.com

Delivered By: (Circle One) Sampler - UPS - Bus - Other: 5.8°C / #97

Sample Condition Cool: ☑ Yes ☐ No Intact: ☑ Yes ☐ No

CHECKED BY: (Initials)

FORM-006 R 2.0

† Cardinal cannot accept verbal changes. Please fax written changes to 575-393-2476

CARDINAL Laboratories

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name:	Fluid Delivery	**BILL TO**	
Project Manager:	Joel Lowry	**P.O. #:**	
Address:	PO 896	**Company:**	Lowry Environmental
City:	Lovington **State:** NM **Zip #**	**Attn:**	CO Joel Lowry
Phone #:	432-466-4450 **Fax #:**	**Address:**	
Project #:	**Project Owner:**	**City:**	
Project Name:	Tomb Raider 718 Pump	**State:**	**Zip:**
Project Location:	Lea County, New Mexico	**Phone #:**	
Sampler Name:	Joel Lowry	**Fax #:**	

FOR LAB USE ONLY				MATRIX						PRESERV.			SAMPLING		ANALYSIS REQUEST											
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**	**Chloride**	**TPH 8015**	**BTEX 8021**									
H900329																									
11	SP #6 0-4"	G	1			x					x		1/25/19		x										
12	SP #6 18"	G	1			x					x		1/25/19		x										

Relinquished By: Joel Lowry	**Date:** 1/30/19 **Time:** 13:40	**Received By:** Jodi Henson	
Relinquished By:	**Date:** **Time:**	**Received By:**	
Delivered By: (Circle One) Sampler - UPS - Bus - Other: 5.8°C / #97	**Sample Condition** Cool: ☑ Yes ☐ No Intact: ☑ Yes ☐ No	**CHECKED BY: (Initials)** JH	

Phone Result:	☐ Yes	☐ No	**Add'l Phone #:**
Fax Result:	☐ Yes	☐ No	**Add'l Fax #:**
REMARKS: joel@lowryenvironmental.com			

FORM-006 R 2.0

† Cardinal cannot accept verbal changes. Please fax written changes to 575-393-2476

Attachment #8
Photographic Log

PHOTOLOG

Photo 1: View of the affected area and sample location, facing Northwest.

Photo 2: View of the affected area and sample location, facing Southwest.

PHOTOLOG

Photo 3: View of the affected area and sample location, facing Southeast.

Photo 4: View of the affected area and sample location, facing Southeast.

PHOTOLOG

Photo 5: View of the affected area and sample location, facing Southeast.

Photo 6: View of the affected area and sample location, facing Northwest.

Attachment #9
Release Notification (FORM C-141)

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 Department

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

Form C-141
Revised August 24, 2018
Submit to appropriate OCD District office

Incident ID	
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible Party: Devon Energy Production Co LP	OGRID: 06137
Contact Name: Stephen Richards, Completions Foreman	Contact Telephone: 575.748.1867
Contact email: stephen.richards@dvn.com	Incident # *(assigned by OCD)*
Contact mailing address: PO BOX 250, ARTESIA, NM 88211	

Location of Release Source

Latitude 32.342719 Longitude -103.732299

(NAD 83 in decimal degrees to 5 decimal places)

Site Name: Tomb Raider 1-12 Fed 718H	Site Type: Oil Well
Date Release Discovered: 10/26/2018	API# *(if applicable)*: 30-015-44811

Unit Letter	Section	Township	Range	County
A	1	23S	31E	EDDY

Surface Owner: ☒ State ☐ Federal ☐ Tribal ☐ Private (*Name:* _____)

Nature and Volume of Release

Material(s) Released (Select all that apply and attach calculations or specific justification for the volumes provided below)

☐ Crude Oil	Volume Released (bbls)	Volume Recovered (bbls)
☒ Produced Water	Volume Released (bbls) 44.6	Volume Recovered (bbls) 0
	Is the concentration of total dissolved solids (TDS) in the produced water >10,000 mg/l?	☒ Yes ☐ No
☐ Condensate	Volume Released (bbls)	Volume Recovered (bbls)
☐ Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
☐ Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)

Cause of Release: While transferring water for the completion of the Tomb Raider 1-12 Fed 718H(API 30-015-44811) well, a contractor inadvertently left one of their valves closed. When the transfer began, the 12" lay flat hose pressure increased and ruptured, releasing approximately 44.6 bbls of water that was a mixture of 50% fresh and 50% produced water. No fluids were recovered. All fluid was released was in the pasture.

State of New Mexico
Oil Conservation Division

Incident ID	
District RP	
Facility ID	
Application ID	

Was this a major release as defined by 19.15.29.7(A) NMAC? ■ Yes ☐ No	If YES, for what reason(s) does the responsible party consider this a major release? Release is over 25 barrels

If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)?

Yes, Brett Fulks at Devon emailed Shelly Tucker, Maria Pruett, Mike Bratcher, and Jim Griswold at 4:08 PM on 10/27/2018.

Initial Response

The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury

- ■ The source of the release has been stopped.
- ■ The impacted area has been secured to protect human health and the environment.
- ■ Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices.
- ■ All free liquids and recoverable materials have been removed and managed appropriately.

If all the actions described above have not been undertaken, explain why:

Per 19.15.29.8 B. (4) NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please attach a narrative of actions to date. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see 19.15.29.11(A)(5)(a) NMAC), please attach all information needed for closure evaluation.

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: Denise Menoud Title: Field Admin Support

Signature: _____ Date: 10/29/2018

email: denise.menoud@dvn.com Telephone: 575-746-5544

OCD Only

Received by: _____ Date: _____

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?	_____ (ft bgs)
Did this release impact groundwater or surface water?	☐ Yes ☐ No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	☐ Yes ☐ 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)?	☐ Yes ☐ No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	☐ Yes ☐ 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?	☐ Yes ☐ No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	☐ Yes ☐ No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	☐ Yes ☐ No
Are the lateral extents of the release within 300 feet of a wetland?	☐ Yes ☐ No
Are the lateral extents of the release overlying a subsurface mine?	☐ Yes ☐ No
Are the lateral extents of the release overlying an unstable area such as karst geology?	☐ Yes ☐ No
Are the lateral extents of the release within a 100-year floodplain?	☐ Yes ☐ No
Did the release impact areas **not** on an exploration, development, production, or storage site?	☐ Yes ☐ 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 ½-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: _____ Title: _____

Signature:_____ Date: _____

email: _____ Telephone: _____

OCD Only

Received by: _____ Date**:** _____

State of New Mexico
Oil Conservation Division

Incident ID	
District RP	
Facility ID	
Application ID	

Remediation Plan

Remediation Plan Checklist: ***Each of the following items must be included in the plan.***

- ☐ Detailed description of proposed remediation technique
- ☐ Scaled sitemap with GPS coordinates showing delineation points
- ☐ Estimated volume of material to be remediated
- ☐ Closure criteria is to Table 1 specifications subject to 19.15.29.12(C)(4) NMAC
- ☐ Proposed schedule for remediation (note if remediation plan timeline is more than 90 days OCD approval is required)

Deferral Requests Only: ***Each of the following items must be confirmed as part of any request for deferral of remediation.***

☐ Contamination must be in areas immediately under or around production equipment where remediation could cause a major facility deconstruction.

☐ Extents of contamination must be fully delineated.

☐ Contamination does not cause an imminent risk to human health, the environment, or groundwater.

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: _____ Title: _____

Signature: _____ Date: _____

email: _____ Telephone: _____

OCD Only

Received by: _____ Date: _____

☐ Approved ☐ Approved with Attached Conditions of Approval ☐ Denied ☐ Deferral Approved

Signature: _____ Date: _____

State of New Mexico
Oil Conservation Division

Incident ID	
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: _____ Title: _____

Signature: _____ Date: _____

email: _____ Telephone: _____

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: _____ Date: _____

Printed Name: _____ Title: _____