



February 8, 2019

Christina Hernandez
New Mexico Energy, Minerals and Natural Resources Department
Oil Conservation Division, District 1
1625 French Drive
Hobbs, NM 88240

Incident ID	NOY1831243301
District RP	1RP-5264
Facility ID	fGP0000000008
Application ID	pOY1831245442

Re: Site Assessment and Closure Report
Site Name: 2B2
GPS: Latitude: 32.17311 Longitude: -103.17584
Legals: UL "L", Sec. 33, T24S, R37E
Lea County, New Mexico
NMOCD Ref. No. 1RP-5264

Lowry Environmental & Associates, LLC (LEA), on behalf of ETC Texas Pipeline, Ltd. , has prepared this Site Assessment and Closure Report for the Release Site known as the 2B2 . Details of the release are summarized on the table below:

Nature and Volume of Release				
Date Release Discovered		10/24/2018	Source of Release	Pipeline
Type of Release		Natural Gas	Volume Released (McF)	382.85
			Volume Recovered	None
Cause of Release				
The release was attributed to the failure of a segment of 24-inch below ground pipeline as a result of corrosion.				
Affected Area				
The release was confined to the pipeline right-of-way. Impacts were limited due to the release being dry gas.				
Was this a major release?		If YES, for what reasons (s) is this considered a major release?		
No		N/A		
If Yes, was immediate notice given to the OCD? By whom? To whom? When and by what means?				
N/A				

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

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Site Assessment/Characterization

What is the shallowest depth to groundwater beneath the area affected by the release?	~59.5 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. A search of the NMOSE database suggested that there are no wells within 1,000 ft. of the site and that the average depth to groundwater is approximately 255 Ft. bgs. The average depth to groundwater within the three (3) closest applicable USGS wells was 59.5 Ft. bgs.

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	10,000 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	NOY1831243301
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REMEDIATION ACTIVITIES SUMMARY

On **October 24, 2018**, during initial response activities, the pipeline was exhumed and soil adjacent to the release point was excavated and stockpiled on-site atop an impermeable liner, pending final disposition. The floor and sidewalls of the excavated area were advanced until field observations suggested visibly impacted soil had been removed.

On **January 23, 2019**, five (5) confirmation soil samples (N. Wall Comp. S. Wall Comp., E. Wall Comp., W. Wall Comp. and Floor @ 6') were collected from the floor and sidewalls of the excavated area. The collected soil samples were submitted to an NMOCD-approved laboratory for analysis of BTEX, TPH and chloride concentrations. Laboratory analytical results indicated BTEX, TPH and chloride concentrations were below the NMOCD Closure Criteria in each of the submitted soil samples. A table summarizing laboratory analytical results from confirmation soil samples 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.					4500 C
				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)
N. Wall Comp.	1/23/19	NA	In-Situ	<0.050	<0.300	<10.0	27.3	27.3	<10.0	27.3	176
S. Wall Comp.	1/23/19	NA	In-Situ	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	64.0
E. Wall Comp.	1/23/19	NA	In-Situ	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	64.0
W. Wall Comp.	1/23/19	NA	In-Situ	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	64.0
Floor @ 6'	1/23/19	6'	In-Situ	<0.050	<0.300	<10.0	28.2	28.2	<10.0	28.2	64.0
Closure Criteria				10	50	-	-	1,000	-	2,500	10,000

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.

On **February 4, 2019**, upon receiving laboratory analytical results from confirmation soil samples, the excavated area was backfilled with locally sourced, non-impacted material. Excavation backfill was contoured to meet the needs of the facility.

Approximately **48 cubic yards** of impacted soil was transported to an Sundance Services, Inc NMOCD Permit No. NM1-52 for disposal.

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CLOSURE REQUEST

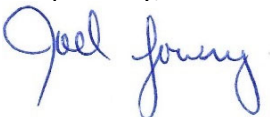
Affected soil adjacent to the release point was excavated and transported to an NMOCD-approved facility for disposal. Laboratory analytical results from excavation confirmation soil samples collected from the floor and sidewalls of the excavated area indicated concentrations of BTEX, TPH and chloride were below the NMOCD Closure Criteria. Upon receiving laboratory analytical results from confirmation soil samples, the excavated area was backfilled with locally sourced, non-impacted "like" material. Prior to backfill, the final dimensions of the excavated area were approximately 15 ft. in length, 10 ft. in width and 6 ft. depth.

SITE RESTORATION AND RE-VEGETATION PLAN

Upon receiving laboratory analytical results from confirmation soil samples, the excavated area was backfilled with locally sourced, non-impacted "like" material placed at or near original relative positions. The affected area was contoured and/or compacted to achieve erosion control, stability and preservation of surface water flow, to the extent practicable. Areas affected by remediation and closure activities are within an active gas processing plant therefore reseeding is not applicable at this time.

If you have any questions, or need any additional information, please feel free to contact Dean Ericson 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)

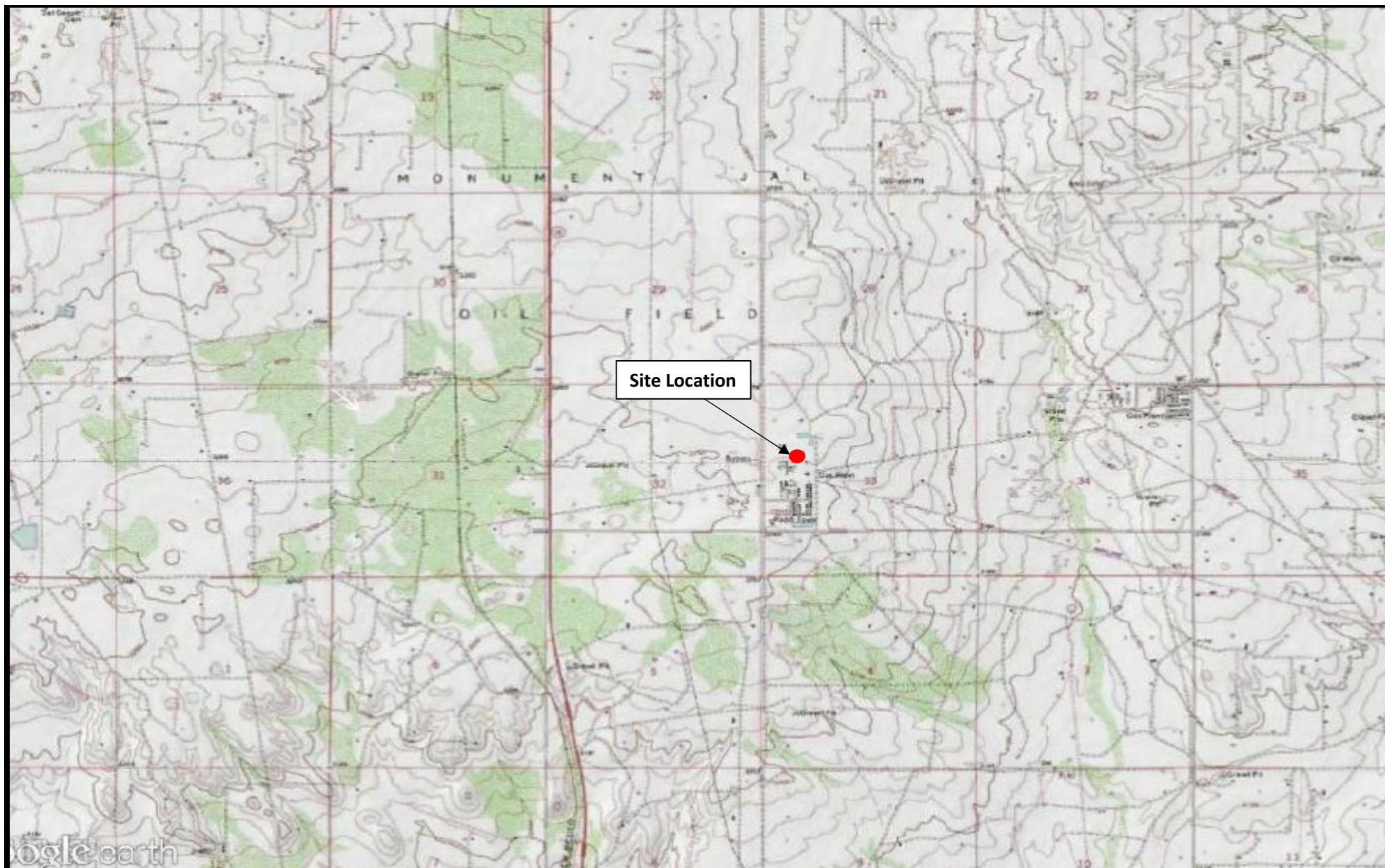
LIMITATIONS

This document has been prepared on behalf of ETC Texas Pipeline, Ltd. . Use of information contained in this report, including exhibits and attachments, by any other party without the consent of LEA and/or ETC Texas Pipeline, Ltd. 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

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
ETC Texas Pipeline, Ltd.

2B2

GPS: 32.17311, -103.17584

Lea County, New Mexico

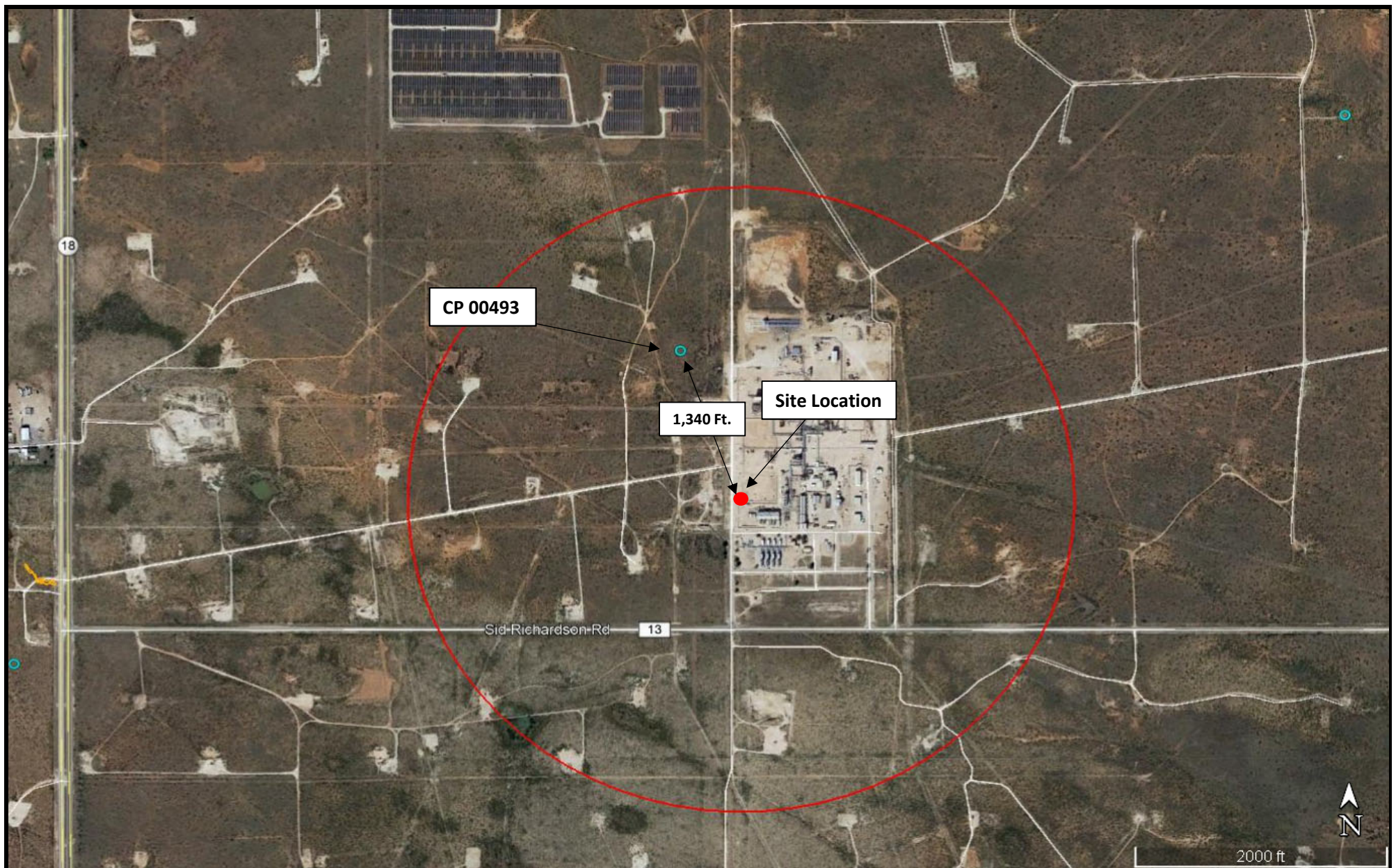


Drafted by: jwl

Checked by: client

Date: 2/8/2019

Attachment #2 - Figure 2 - Aerial Map



LEGEND:

- | | |
|--|---|
| ● Site Location |  Non-Industrial Building |
| ○ OSE Fresh Water Well |  Subsurface Mine |
|  100-Year Floodplain | ○ 1/2 Mile Radius |
|  High/Critical Karst | |

Figure 2

Aerial Map

ETC Texas Pipeline, Ltd.

2B2

GPS: 32.17311, -103.17584

Lea County, New Mexico

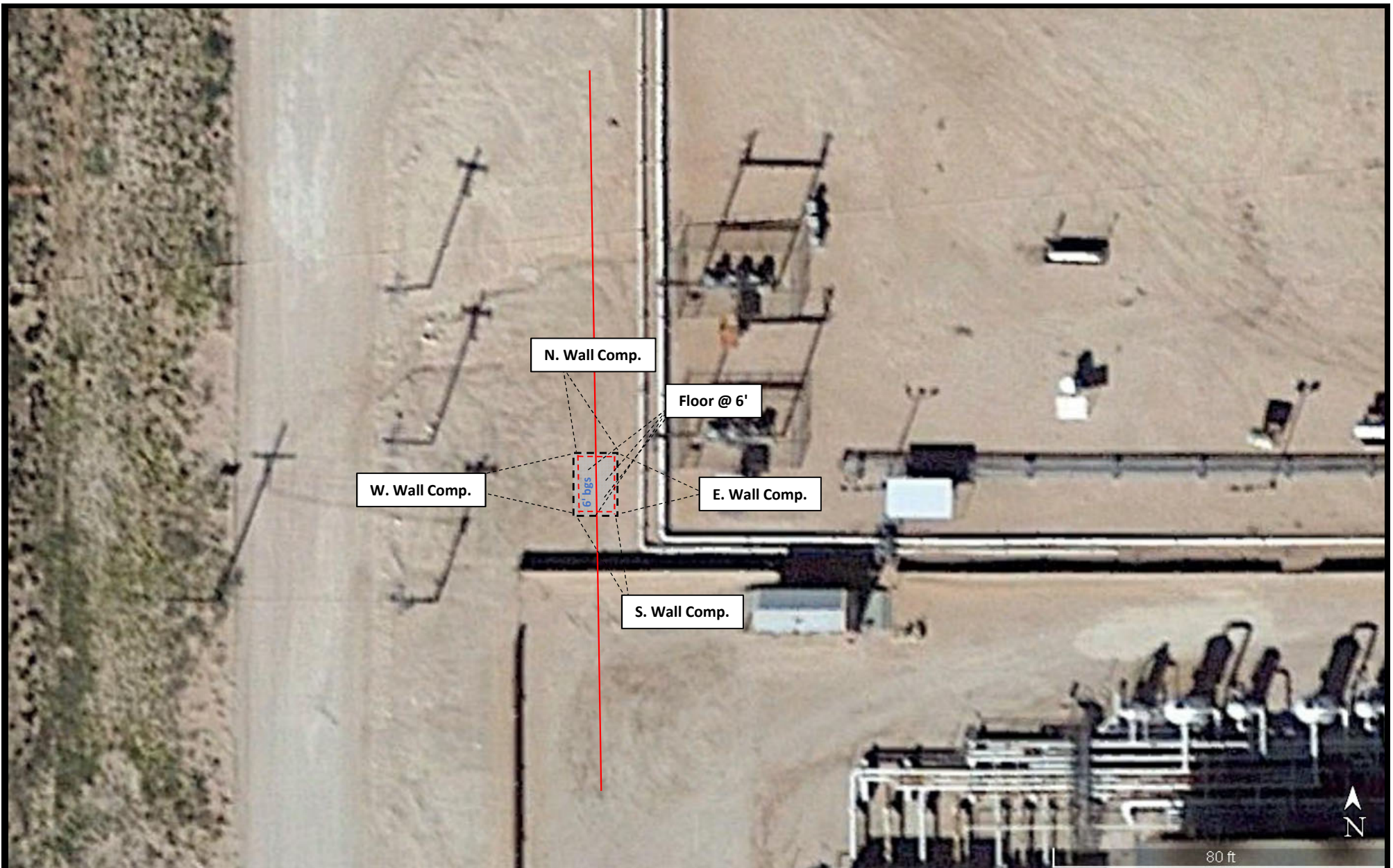


Drafted by: jwl

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Attachment #3 - Figure 3 - Site and Sample Location Map



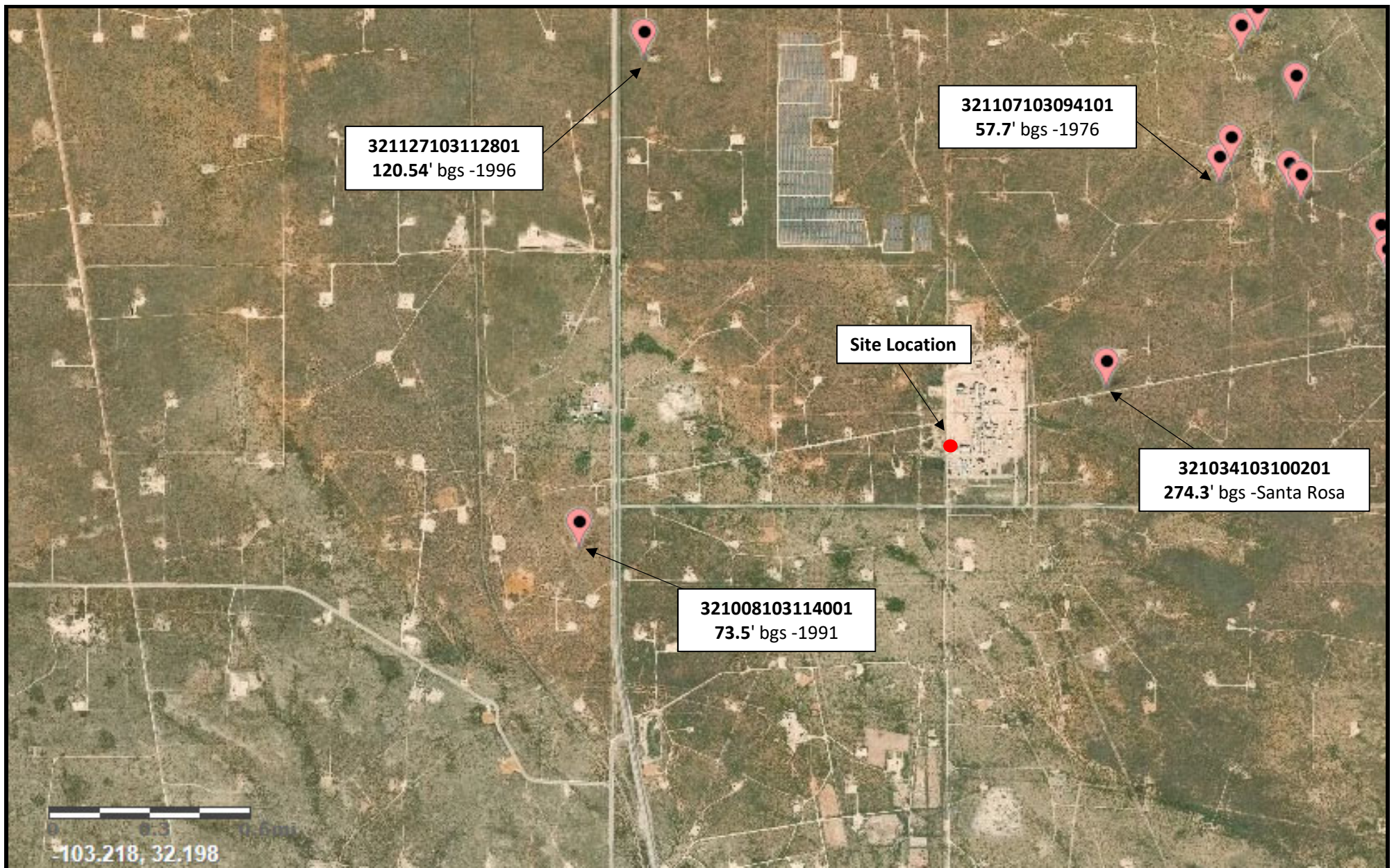
LEGEND:
[Dashed Red Box] Excavated Area
[Red Line] Pipeline
[Dashed Red Box] Sample Location

Figure 3
Site & Sample Location Map
ETC Texas Pipeline, Ltd.
2B2
GPS: 32.17311, -103.17584
Lea County, New Mexico



Drafted by: jwl Checked by: client Date: 2/8/2019

Attachment #4 - Depth to Groundwater Information



LEGEND:

● Site Location

Figure 4

Depth to Groundwater Map
ETC Texas Pipeline, Ltd.

2B2

GPS: 32.17311, -103.17584
Lea County, New Mexico



Drafted by: jwl

Checked by: client

Date: 2/8/2019



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		County	Q Q Q			Sec	Tws	Rng	X	Y	Distance	DepthWell	DepthWater	Water Column	
		Sub-basin	basin		64	16	4										
CP 00493 POD1		CP	LE		2	4	2	32	24S	37E	671834	3561458*	508	500			
CP 00495 POD1		CP	LE		3	1	1	34	24S	37E	673637	3561693*	1585	480			
CP 00184 POD2		CP	LE		4	4	4	28	24S	37E	673428	3562089*	1608	801		255	546
Average Depth to Water:																255 feet	
Minimum Depth:																255 feet	
Maximum Depth:																255 feet	

Record Count: 3

UTMNAD83 Radius Search (in meters):

Easting (X): 672174.6

Northing (Y): 3561080.8

Radius: 1610

*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.

1/21/19 1:32 PM

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 00493 POD1	2	4	2	32	24S	37E	671834	3561458* 
x									
Driller License:		Driller Company:							
Driller Name: W. PERRY SMITH									
Drill Start Date: 05/15/1971		Drill Finish Date: 05/19/1971		Plug Date:					
Log File Date: 08/04/1971		PCW Rev Date:		Source:					
Pump Type:		Pipe Discharge Size:		Estimated Yield:					
Casing Size: 8.00		Depth Well: 500 feet		Depth Water:					
x									
Water Bearing Stratifications:		Top	Bottom	Description					
		80	128	Sandstone/Gravel/Conglomerate					
x									

*UTM location was derived from PLSS - see Help

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Groundwater

Geographic Area:

United States

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site_no list =

- 321008103114001

Minimum number of levels = 1

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USGS 321008103114001 24S.37E.31.243442

Available data for this site

Groundwater: Field measurements

GO

Lea County, New Mexico

Hydrologic Unit Code 13070007

Latitude 32°10'08", Longitude 103°11'40" NAD27

Land-surface elevation 3,240 feet above NAVD88

The depth of the well is 100 feet below land surface.

This well is completed in the Ogallala Formation (121OGLL) local aquifer.

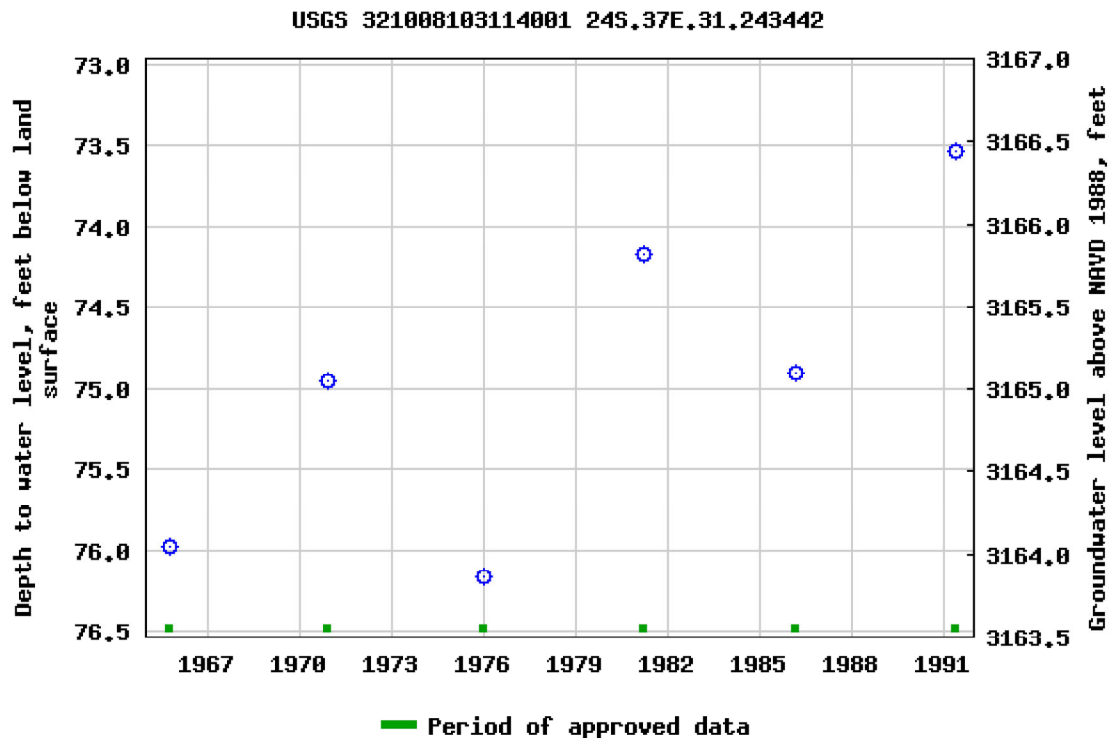
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Title: Groundwater for USA: Water Levels

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1.27 1 nadww01



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- 321034103100201

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USGS 321034103100201 24S.37E.28.43333

Available data for this site

Groundwater: Field measurements

GO

Lea County, New Mexico

Hydrologic Unit Code 13070007

Latitude 32°10'34", Longitude 103°10'02" NAD27

Land-surface elevation 3,248 feet above NAVD88

The depth of the well is 798 feet below land surface.

This well is completed in the Santa Rosa Sandstone (231SNRS) local aquifer.

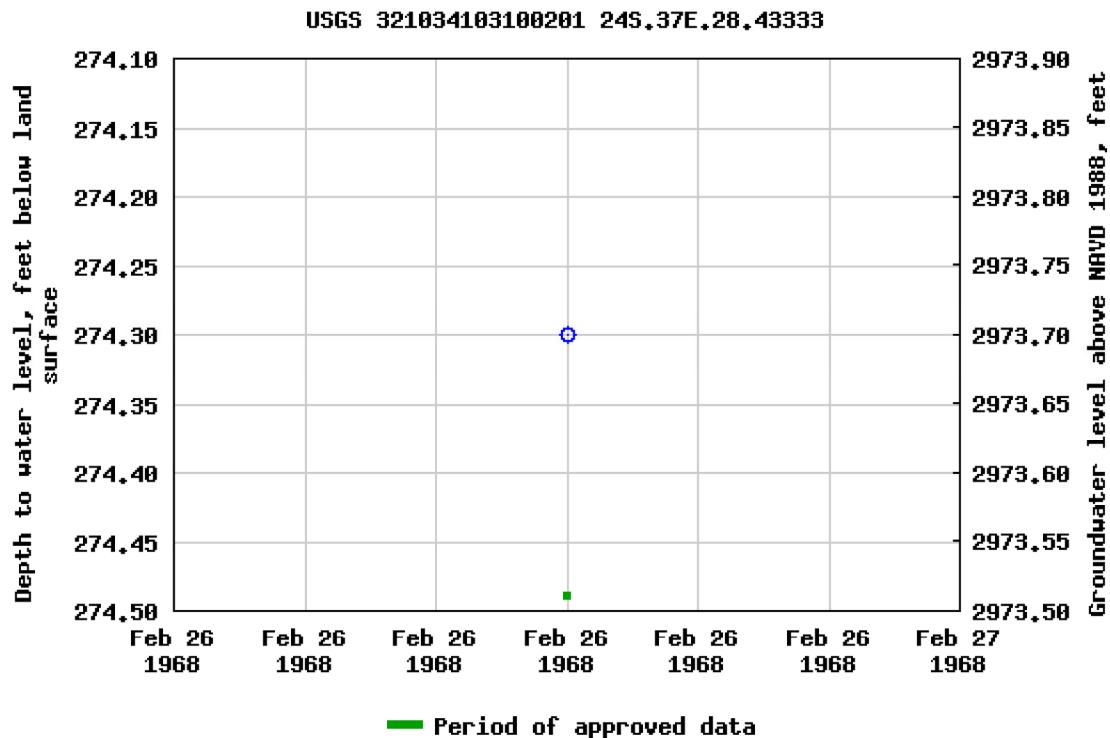
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1.26 1.12 nadww01



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site_no list =

- 321107103094101

Minimum number of levels = 1

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USGS 321107103094101 24S.37E.28.241444

Lea County, New Mexico

Latitude 32°11'07", Longitude 103°09'41" NAD27

Land-surface elevation 3,203 feet above NAVD88

The depth of the well is 80 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 measurement
1976-01-14		D	57.71			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.

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0.54 0.47 nadww01





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Agency code = usgs

site_no list =

- 321044103090601

Minimum number of levels = 1

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USGS 321044103090601 24S.37E.34.121432

Lea County, New Mexico

Latitude 32°10'44", Longitude 103°09'06" NAD27

Land-surface elevation 3,182 feet above NAVD88

The depth of the well is 82 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 measurement
1978-03-29		D	37.65				2		U	
1981-05-20		D	47.34				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.

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Groundwater levels for the Nation

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Agency code = usgs

site_no list =

- 321127103112801

Minimum number of levels = 1

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USGS 321127103112801 24S.37E.20.333441

Lea County, New Mexico

Latitude 32°11'27", Longitude 103°11'28" NAD27

Land-surface elevation 3,268 feet above NAVD88

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 measurment
1968-02-27		D	122.07				2	R		U
1970-12-02		D	121.60				2	R		U
1976-01-15		D	121.55				2			U
1981-03-18		D	121.12				2			U
1986-03-05		D	120.69				2			U
1991-05-21		D	120.78				2			U
1996-02-28		D	120.54				2			S

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
Status	R	Site had been pumped recently.
Method of measurement	S	Steel-tape measurement.
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.

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[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: 2019-02-08 12:43:57 EST

1.17 0.75 nadww01

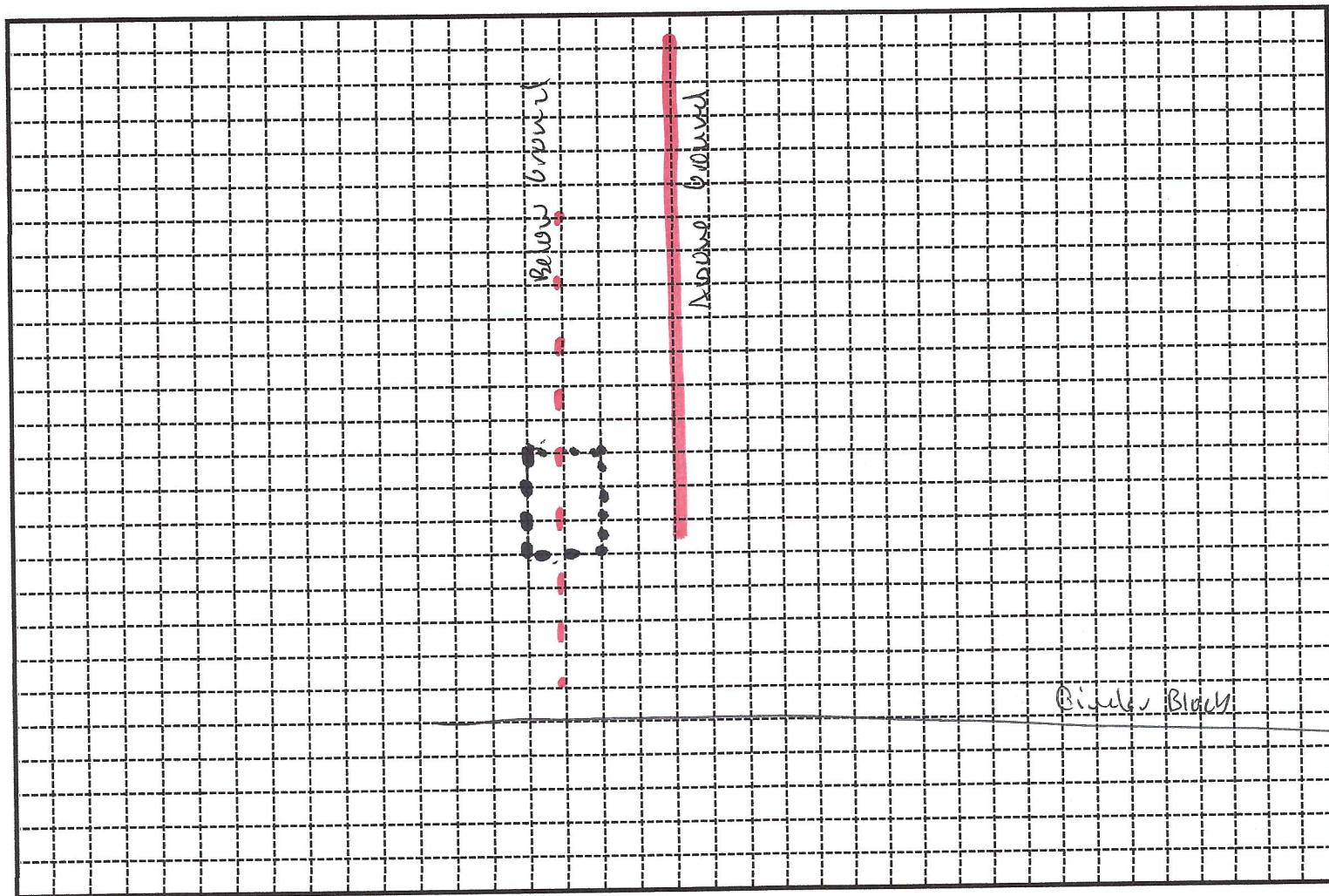


Attachment #5 - Field Data

FIELD NOTES

Site Name: 2B2

Date: 1/23/19



Small Open Bell Hole, No evidences at release
Collect Composite Soil Samples from floor and sidewalks

Field ID	Odor/PID	Chloride
NSW	None	<120
ESW	None	<120
SSW	None	<120
WSW	None	<120
Floor	None	<120

Field ID	Odor/PID	Chloride

Field ID	Odor/PID	Chloride

Field ID	Odor/PID	Chloride

Field ID	Odor/PID	Chloride

Field ID	Odor/PID	Chloride

Attachment #6 - Soil Profile

SOIL PROFILE

Site Name: 2B2

Date: 1/23/19

Description		Depth (ft. bgs)
		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
		1
		2
		3
		4
		5
		6
		7
		8
		9
		0

Brown sand w/ Clay

Caliche Hardpan

Attachment #7 - Laboratory Analytical Reports



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

January 30, 2019

DEAN ERICSON

ENERGY TRANSFER

P. O. BOX 1226

JAL, NM 88252

RE: 2-B-2

Enclosed are the results of analyses for samples received by the laboratory on 01/24/19 15:30.

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,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive, flowing style.

Celey D. Keene

Lab Director/Quality Manager

Analytical Results For:

ENERGY TRANSFER
DEAN ERICSON
P. O. BOX 1226
JAL NM, 88252
Fax To:

Received: 01/24/2019
Reported: 01/30/2019
Project Name: 2-B-2
Project Number: JAL 3
Project Location: LEA COUNTY, NM

Sampling Date: 01/23/2019
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: NORTH WALL COMP. (H900269-01)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/29/2019	ND	1.53	76.5	2.00	9.66	
Toluene*	0.054	0.050	01/29/2019	ND	1.64	82.0	2.00	11.5	
Ethylbenzene*	<0.050	0.050	01/29/2019	ND	1.68	83.9	2.00	9.65	
Total Xylenes*	<0.150	0.150	01/29/2019	ND	4.86	81.0	6.00	11.3	
Total BTEX	<0.300	0.300	01/29/2019	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.3 % 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	176	16.0	01/28/2019	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	01/25/2019	ND	220	110	200	3.04	
DRO >C10-C28*	27.3	10.0	01/25/2019	ND	187	93.6	200	11.7	
EXT DRO >C28-C36	<10.0	10.0	01/25/2019	ND					

Surrogate: 1-Chlorooctane 85.9 % 41-142

Surrogate: 1-Chlorooctadecane 85.7 % 37.6-147

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

ENERGY TRANSFER
DEAN ERICSON
P. O. BOX 1226
JAL NM, 88252
Fax To:

Received: 01/24/2019
Reported: 01/30/2019
Project Name: 2-B-2
Project Number: JAL 3
Project Location: LEA COUNTY, NM

Sampling Date: 01/23/2019
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: SOUTH WALL COMP. (H900269-02)

BTX 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	01/29/2019	ND	1.53	76.5	2.00	9.66	
Toluene*	<0.050	0.050	01/29/2019	ND	1.64	82.0	2.00	11.5	
Ethylbenzene*	<0.050	0.050	01/29/2019	ND	1.68	83.9	2.00	9.65	
Total Xylenes*	<0.150	0.150	01/29/2019	ND	4.86	81.0	6.00	11.3	
Total BTX	<0.300	0.300	01/29/2019	ND					

Surrogate: 4-Bromofluorobenzene (PID) 91.8 % 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	64.0	16.0	01/28/2019	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	01/25/2019	ND	220	110	200	3.04	
DRO >C10-C28*	<10.0	10.0	01/25/2019	ND	187	93.6	200	11.7	
EXT DRO >C28-C36	<10.0	10.0	01/25/2019	ND					

Surrogate: 1-Chlorooctane 90.9 % 41-142

Surrogate: 1-Chlorooctadecane 89.5 % 37.6-147

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

ENERGY TRANSFER
DEAN ERICSON
P. O. BOX 1226
JAL NM, 88252
Fax To:

Received: 01/24/2019
Reported: 01/30/2019
Project Name: 2-B-2
Project Number: JAL 3
Project Location: LEA COUNTY, NM

Sampling Date: 01/23/2019
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: EAST WALL COMP. (H900269-03)

BTX 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	01/29/2019	ND	1.53	76.5	2.00	9.66	
Toluene*	<0.050	0.050	01/29/2019	ND	1.64	82.0	2.00	11.5	
Ethylbenzene*	<0.050	0.050	01/29/2019	ND	1.68	83.9	2.00	9.65	
Total Xylenes*	<0.150	0.150	01/29/2019	ND	4.86	81.0	6.00	11.3	
Total BTX	<0.300	0.300	01/29/2019	ND					

Surrogate: 4-Bromofluorobenzene (PID) 92.5 % 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	64.0	16.0	01/28/2019	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	01/25/2019	ND	220	110	200	3.04	
DRO >C10-C28*	<10.0	10.0	01/25/2019	ND	187	93.6	200	11.7	
EXT DRO >C28-C36	<10.0	10.0	01/25/2019	ND					

Surrogate: 1-Chlorooctane 89.5 % 41-142

Surrogate: 1-Chlorooctadecane 89.0 % 37.6-147

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

ENERGY TRANSFER
DEAN ERICSON
P. O. BOX 1226
JAL NM, 88252
Fax To:

Received: 01/24/2019
Reported: 01/30/2019
Project Name: 2-B-2
Project Number: JAL 3
Project Location: LEA COUNTY, NM

Sampling Date: 01/23/2019
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: WEST WALL COMP. (H900269-04)

BTX 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	01/29/2019	ND	1.53	76.5	2.00	9.66		
Toluene*	<0.050	0.050	01/29/2019	ND	1.64	82.0	2.00	11.5		
Ethylbenzene*	<0.050	0.050	01/29/2019	ND	1.68	83.9	2.00	9.65		
Total Xylenes*	<0.150	0.150	01/29/2019	ND	4.86	81.0	6.00	11.3		
Total BTX	<0.300	0.300	01/29/2019	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.1 % 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	64.0	16.0	01/28/2019	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	01/25/2019	ND	220	110	200	3.04	
DRO >C10-C28*	<10.0	10.0	01/25/2019	ND	187	93.6	200	11.7	
EXT DRO >C28-C36	<10.0	10.0	01/25/2019	ND					

Surrogate: 1-Chlorooctane 102 % 41-142

Surrogate: 1-Chlorooctadecane 102 % 37.6-147

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

ENERGY TRANSFER
DEAN ERICSON
P. O. BOX 1226
JAL NM, 88252
Fax To:

Received: 01/24/2019
Reported: 01/30/2019
Project Name: 2-B-2
Project Number: JAL 3
Project Location: LEA COUNTY, NM

Sampling Date: 01/23/2019
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: FLOOR @ 6' (H900269-05)

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	01/29/2019	ND	1.53	76.5	2.00	9.66		
Toluene*	<0.050	0.050	01/29/2019	ND	1.64	82.0	2.00	11.5		
Ethylbenzene*	<0.050	0.050	01/29/2019	ND	1.68	83.9	2.00	9.65		
Total Xylenes*	<0.150	0.150	01/29/2019	ND	4.86	81.0	6.00	11.3		
Total BTEx	<0.300	0.300	01/29/2019	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	64.0	16.0	01/28/2019	ND	432	108	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	01/25/2019	ND	220	110	200	3.04	
DRO >C10-C28*	28.2	10.0	01/25/2019	ND	187	93.6	200	11.7	
EXT DRO >C28-C36	<10.0	10.0	01/25/2019	ND					

Surrogate: 1-Chlorooctane 86.8 % 41-142

Surrogate: 1-Chlorooctadecane 84.9 % 37.6-147

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Celey D. Keene, Lab Director/Quality Manager

Notes and Definitions

QR-02	The RPD result exceeded the QC control limits; however, both percent recoveries were acceptable. Sample results for the QC batch were accepted based on percent recoveries and completeness of QC data.
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

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Celey D. Keene, Lab Director/Quality Manager

Attachment #8 - Photographic Log

PHOTOLOG

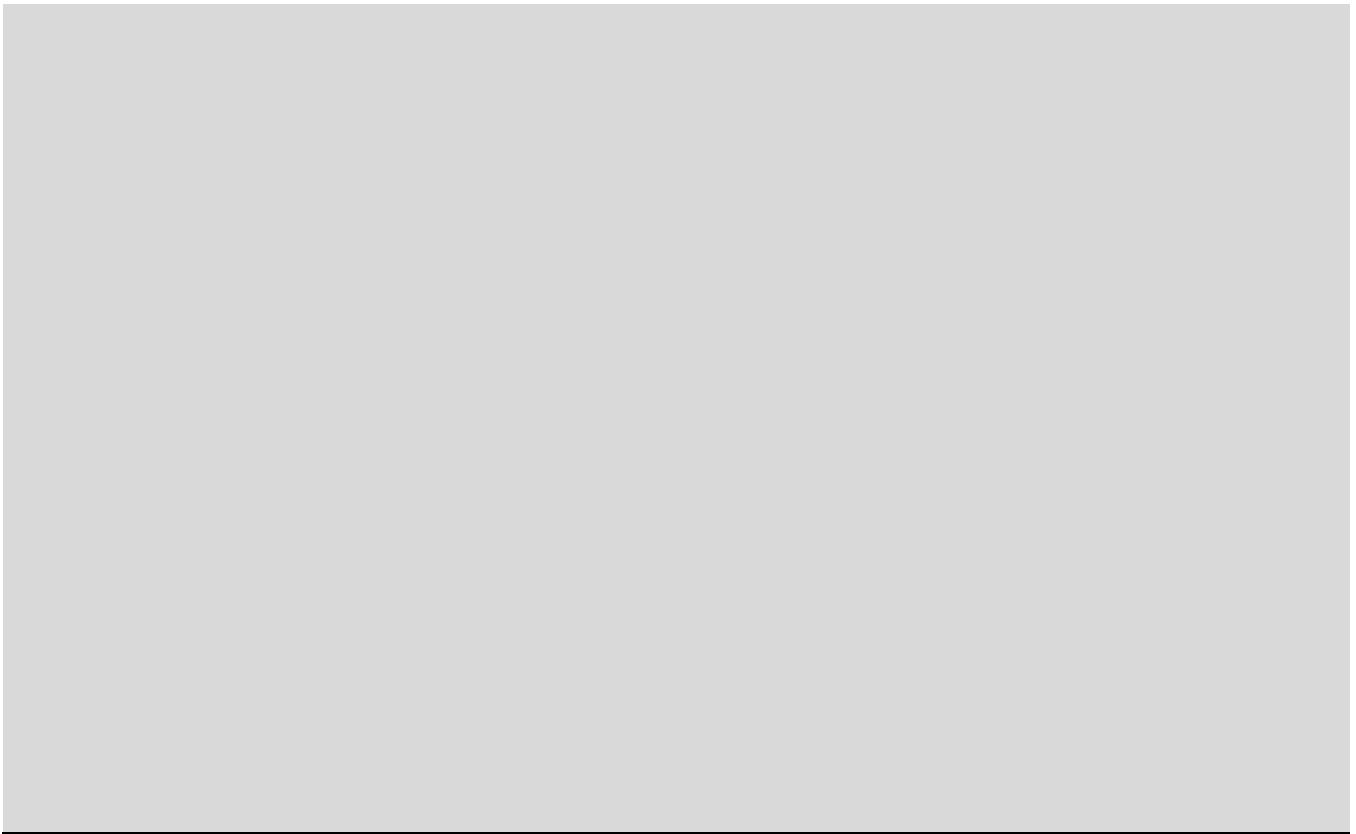


Photo 1: Intentionally Left Blank



Photo 2: View of open excavation and sample locations, facing North.

PHOTOLOG



Photo 3: View of open excavation and sample locations, facing West.



Photo 4: View of open excavation and sample locations, facing East.

PHOTOLOG



Photo 5: View of open excavation before backfilling activities, facing South.



Photo 6: View of the affected area upon completion of remediation activities, facing South.

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	NOY1831243301
District RP	1RP-5264
Facility ID	fGP00000000008
Application ID	pOY1831245442

Release Notification

Responsible Party

Responsible Party: ETC Texas Pipeline, Ltd.	OGRID: 371183
Contact Name: Carolyn J. Blackaller	Contact Telephone: (817) 302-9766
Contact email: carolyn.blackaller@energytransfer.com	Incident # (assigned by OCD) NOY1831243301
Contact mailing address: 600 N. Marienfeld Street, Suite 700, Midland, TX 79701	

Location of Release Source

Latitude 32.173071 Longitude -103.173881
(NAD 83 in decimal degrees to 5 decimal places)

Site Name: 2B2	Site Type: Pipeline
Date Release Discovered: 10/24/2018	API# (if applicable): N/A

Unit Letter	Section	Township	Range	County
L	33	T24S	R37E	Lea

Surface Owner: ☐ State ☐ Federal ☐ Tribal ☒ Private (Name: Energy Transfer)

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)	Volume Recovered (bbls)
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	☐ Yes ☐ No
☐ Condensate	Volume Released (bbls)	Volume Recovered (bbls)
☒ Natural Gas	Volume Released (Mcf): 382.850 Mcf	Volume Recovered (Mcf): 0 Mcf
☐ Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)

Cause of Release: On October 24, 2018, it was discovered that corrosion to a segment on the 2B2 24-inch Pipeline in Lea County, NM was causing a leak of field gas. A crew was dispatched to begin repairs to this segment and the leak was repaired by using a clamp. Given the amount of time it took to repair the leak, the leak hole size, and pipe pressure, it was calculated that approximately 382.850 Mcf of gas was released. Please find these calculations appended to this form.

Incident ID	NOY1831243301
District RP	1RP-5264
Facility ID	fGP00000000008
Application ID	pOY1831245442

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?
Not applicable.

If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)?
Not applicable.

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. N/A
- ☐ All free liquids and recoverable materials have been removed and managed appropriately. N/A

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: Carolyn J. Blackaller Title: Sr. Environmental Specialist

Signature:  Date: 11/06/2018

email: carolyn.blackaller@energytransfer.com Telephone: (817) 302-9766

OCD Only

RECEIVED

Received by: By Olivia Yu at 11:51 am, Nov 08, 2018 Date: _____