Incident ID	NCH1903660967
District RP	1RP-5345
Facility ID	fGP00000000008
Application ID	pCH1903661277

February 8, 2019

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

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-5345

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	1/21/2019	**Source of Release**	Pipeline
Type of Release	Natural Gas	**Volume Released (McF)**	340.442
		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 dry gas release was confined to within an open bell hole.		
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	NCH1903660967
District RP	1RP-5345
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REMEDIATION ACTIVITIES SUMMARY

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.

Incident ID	NCH1903660967
District RP	1RP-5345
Facility ID	fGP00000000008
Application ID	pCH1903661277

CLOSURE REQUEST

Laboratory analytical results from excavation confirmation soil samples collected from the floor and sidewalls of the excavated area indicated soil was not affected above the NMOCD Closure Criteria for BTEX, TPH or chloride. 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)

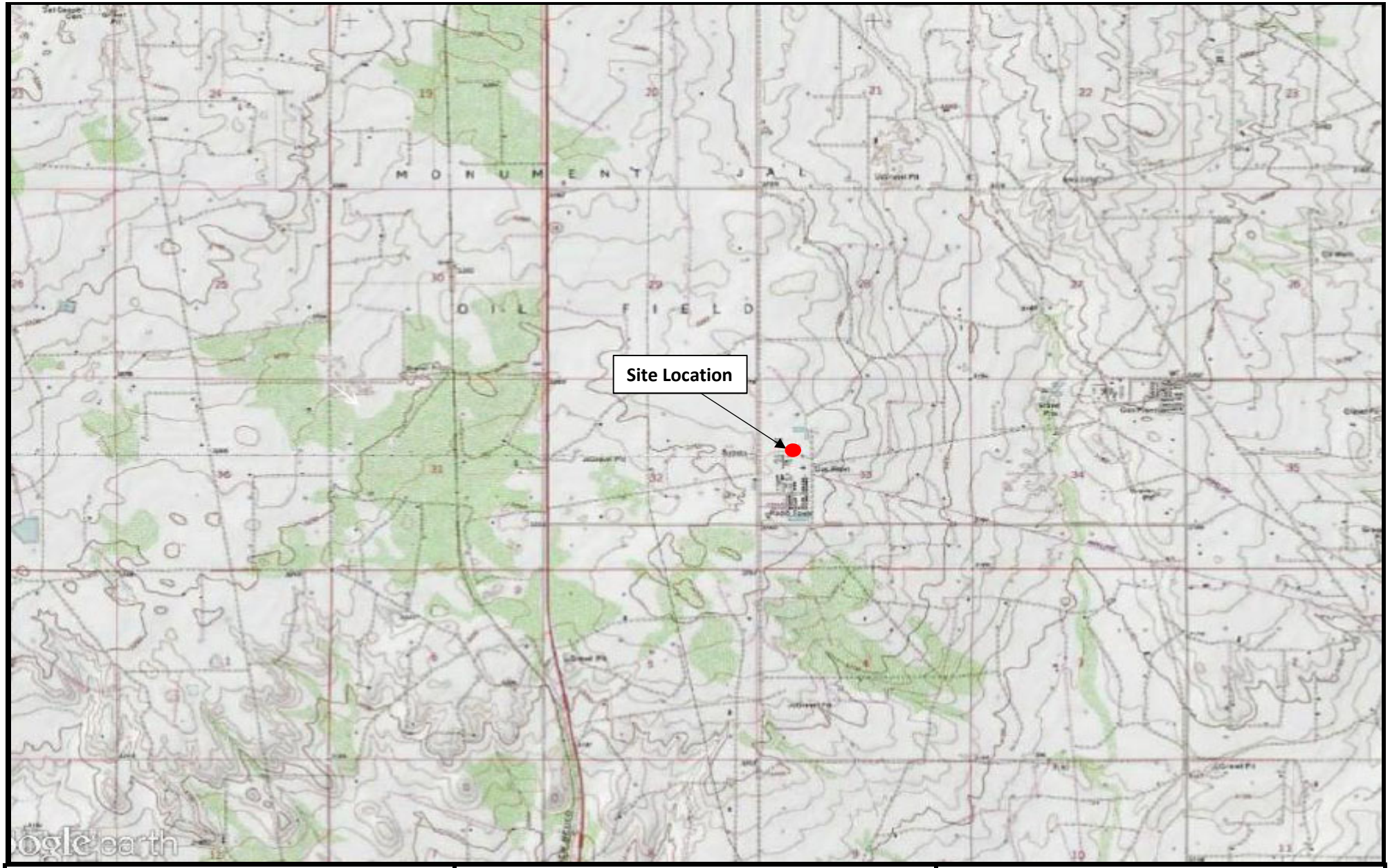
LIMITATIONS

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

LOWRY environmental

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

Attachment #2 - Figure 2 - Aerial Map

LEGEND:

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

Figure 2

Aerial Map

ETC Texas Pipeline, Ltd.

2B2

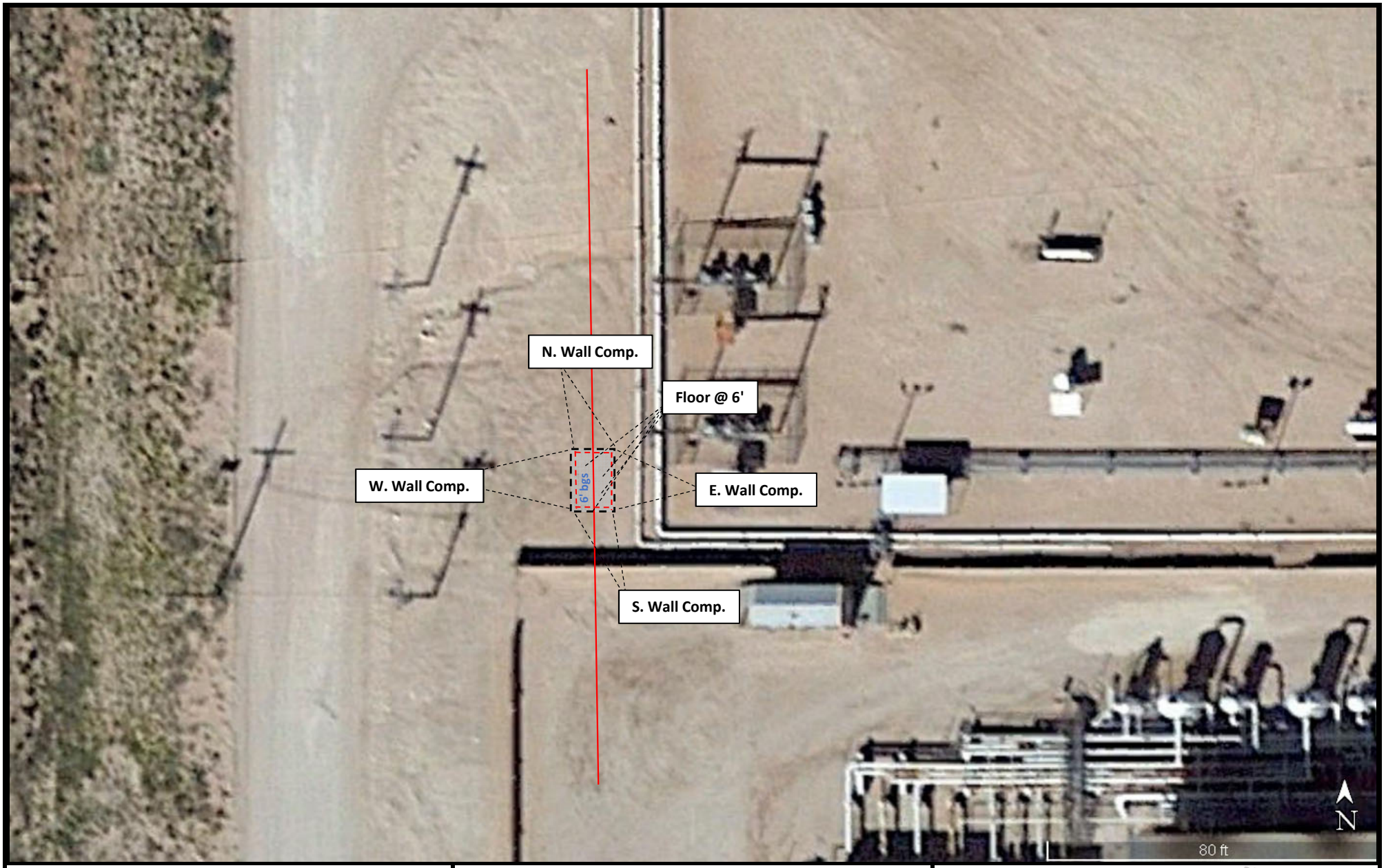
GPS: 32.17311, -103.17584

Lea County, New Mexico

LOWRY environmental

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

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



LEGEND:

- Excavated Area
- Pipeline
- Sample Location

Figure 3

Site & Sample Location Map

ETC Texas Pipeline, Ltd.

2B2

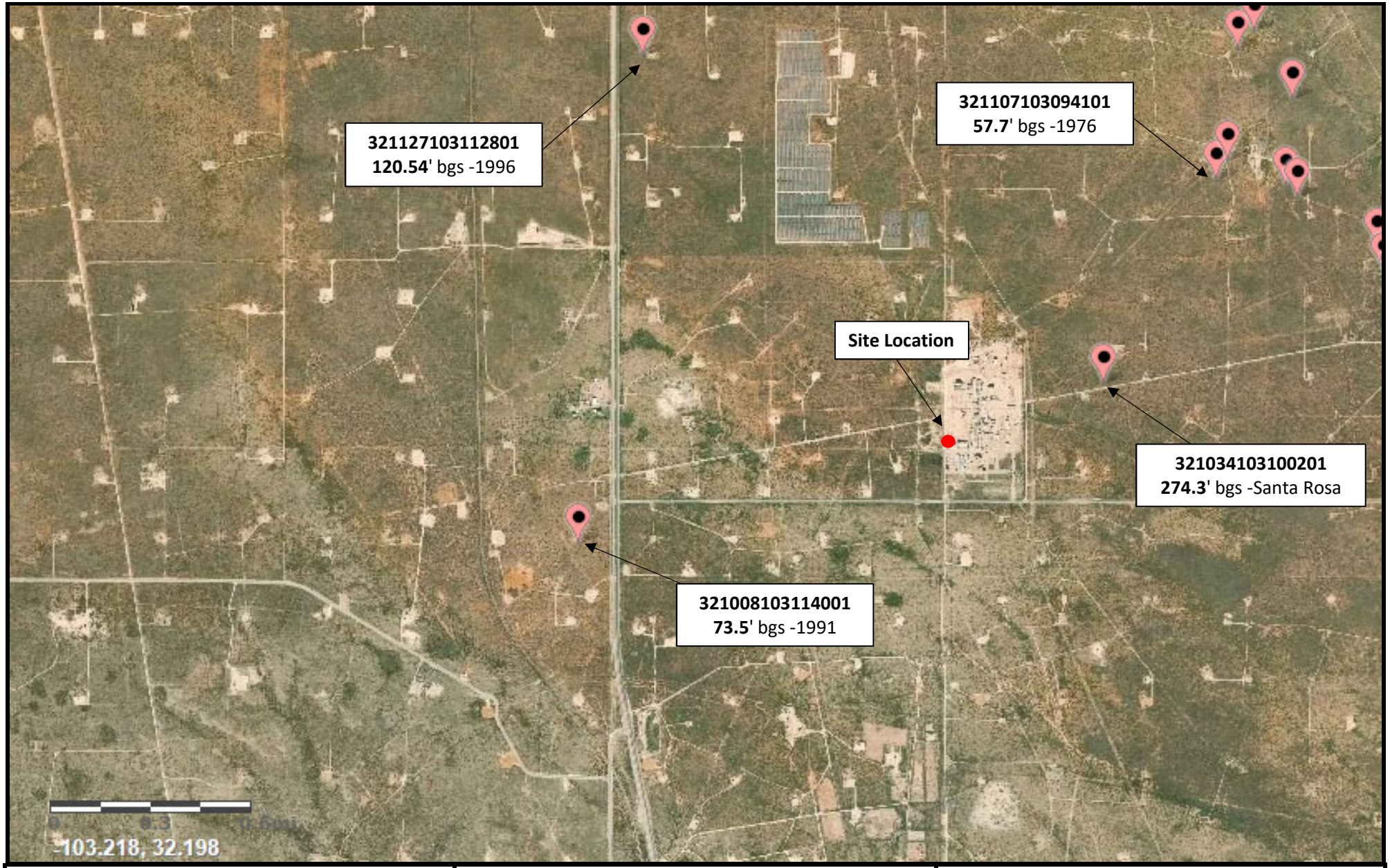
GPS: 32.17311, -103.17584

Lea County, New Mexico

LOWRY environmental

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

LOWRY environmental

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 Sub-basin	County	Q 64	Q 16	Q 4	Sec	Twn	Rng	X	Y	Distance	Depth Well	Depth Water	Water Column
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**

New Mexico Office of the State Engineer

Point of Diversion Summary

Well Tag	POD Number	(quarters are 1=NW 2=NE 3=SW 4=SE) (quarters are smallest to largest) Q64	Q16	Q4	Sec	Tws	Rng	(NAD83 UTM in meters) 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 Rcv 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**

National Water Information System: Web Interface

Click to hideNews Bulletins

- Due to a lapse in appropriations, the majority of USGS websites may not be up to date and may not reflect current conditions. Websites displaying real-time data, such as Earthquake and Water and information needed for public health and safety will be updated with limited support. Additionally, USGS will not be able to respond to inquiries until appropriations are enacted. For more information, please see www.doi.gov/shutdown.

- Please see news on new formats
- Full News

Groundwater levels for the Nation

Search Results -- 1 sites found

site_no list =

- 321008103114001

Minimum number of levels = 1

Save file of selected sites to local disk for future upload

USGS 321008103114001 24S.37E.31.243442

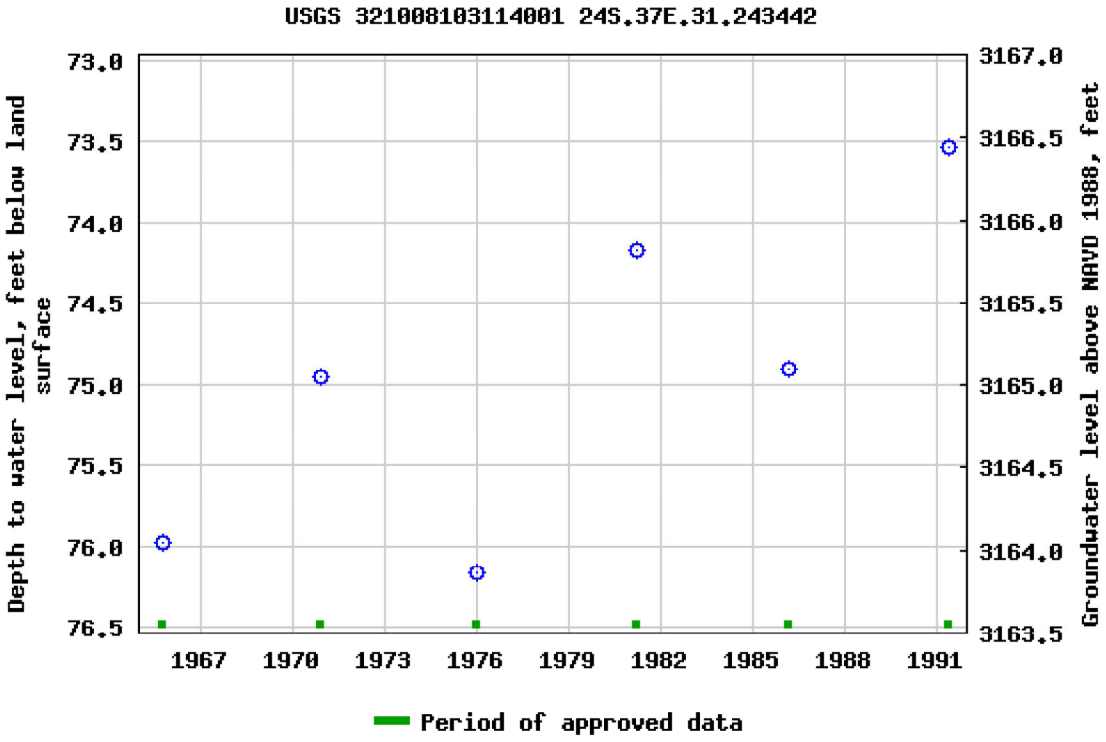
Available data for this site Groundwater: Field measurements | GO

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.

Output formats

Table of data
Tab-separated data
Graph of data

Reselect period



Breaks in the plot represent a gap of at least one year between field measurements.
Download a presentation-quality graph

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

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: 2019-01-21 15:50:56 EST
1.27 1 nadww01

National Water Information System: Web Interface

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- Please see news on new formats
- Full News

Groundwater levels for the Nation

Search Results -- 1 sites found

site_no list =

- 321034103100201

Minimum number of levels = 1

Save file of selected sites to local disk for future upload

USGS 321034103100201 24S.37E.28.43333

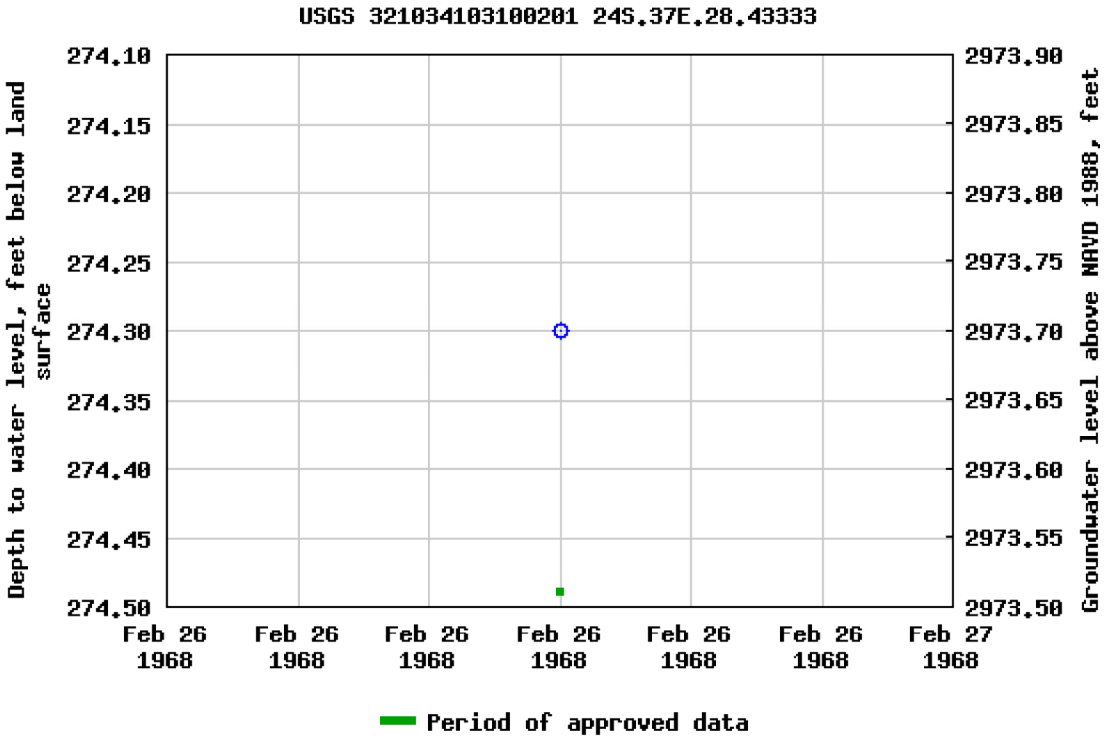
Available data for this site Groundwater: Field measurements | GO

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.

Output formats

Table of data
Tab-separated data
Graph of data

Reselect period



Breaks in the plot represent a gap of at least one year between field measurements.
Download a presentation-quality graph

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

Click to hideNews Bulletins

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- Please see news on new formats
- Full News

Groundwater levels for the Nation

Search Results -- 1 sites found

Agency code = usgs
site_no list =
- 321107103094101

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

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 measurem
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.

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

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- Due to a lapse in appropriations, the majority of USGS websites may not be up to date and may not reflect current conditions. Websites displaying real-time data, such as Earthquake and Water and information needed for public health and safety will be updated with limited support. Additionally, USGS will not be able to respond to inquiries until appropriations are enacted. For more information, please see www.doi.gov/shutdown.
- Please see news on new formats
- Full News

Groundwater levels for the Nation

Search Results -- 1 sites found

Agency code = usgs
site_no list =
- 321044103090601

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

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 measurem
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.

Questions about sites/data?
Feedback on this web site

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- Please see news on new formats
- Full News

Groundwater levels for the Nation

Search Results -- 1 sites found

Agency code = usgs
site_no list =
- 321127103112801

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

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 measurem
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.

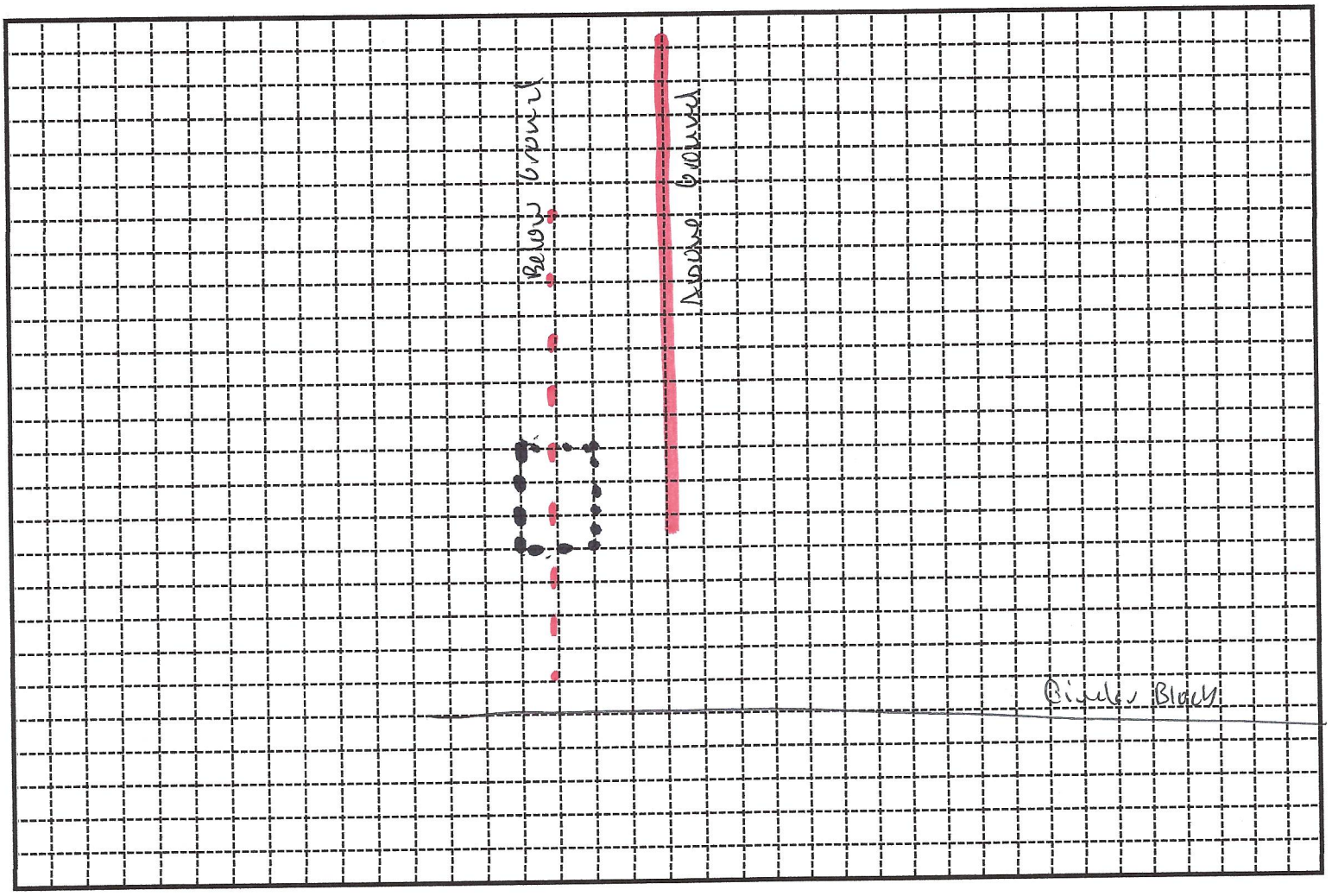
Title: Groundwater for USA: Water Levels
URL: https://nwis.waterdata.usgs.gov/nwis/gwlevels?

Attachment #5 - Field Data

FIELD NOTES

Site Name: 2B2

Date: 1/23/19



Small Open Bell Hole NO evidences of release
Collect Composite Soil samples from floor and sidewalls

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
Brown Sand w/ Clay	4
	5
	6
	7
Caliche Hardpan	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

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 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:

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

Received:	01/24/2019	Sampling Date:	01/23/2019
Reported:	01/30/2019	Sampling Type:	Soil
Project Name:	2-B-2	Sampling Condition:	Cool & Intact
Project Number:	JAL 3	Sample Received By:	Tamara Oldaker
Project Location:	LEA COUNTY, NM		

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

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:

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

Received:	01/24/2019	Sampling Date:	01/23/2019
Reported:	01/30/2019	Sampling Type:	Soil
Project Name:	2-B-2	Sampling Condition:	Cool & Intact
Project Number:	JAL 3	Sample Received By:	Tamara Oldaker
Project Location:	LEA COUNTY, NM		

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

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 *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

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	01/24/2019	Sampling Date:	01/23/2019
Reported:	01/30/2019	Sampling Type:	Soil
Project Name:	2-B-2	Sampling Condition:	Cool & Intact
Project Number:	JAL 3	Sample Received By:	Tamara Oldaker
Project Location:	LEA COUNTY, NM		

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

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	01/29/2019	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 *92.5 %* *73.3-129*

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

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**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

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	01/24/2019	Sampling Date:	01/23/2019
Reported:	01/30/2019	Sampling Type:	Soil
Project Name:	2-B-2	Sampling Condition:	Cool & Intact
Project Number:	JAL 3	Sample Received By:	Tamara Oldaker
Project Location:	LEA COUNTY, NM		

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

BTEX 8021B mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 *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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CARDINAL Laboratories

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

Analytical Results For:

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

Received:	01/24/2019	Sampling Date:	01/23/2019
Reported:	01/30/2019	Sampling Type:	Soil
Project Name:	2-B-2	Sampling Condition:	Cool & Intact
Project Number:	JAL 3	Sample Received By:	Tamara Oldaker
Project Location:	LEA COUNTY, NM		

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

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

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

*=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name:	ETC Texas Pipeline, Ltd.	**BILL TO**	
Project Manager:	Joel Lowry	**P.O. #:**	
Address:	600 N. Marienfeld. St., Suite 700, Midland, TX 79701	**Company:**	ETC Texas Pipeline, Ltd.
City:	**State:** **Zip:**	**Attn:**	Dean Ericson
Phone #:	432-466-4450 **Fax #:**	**Address:**	
Project #:	**Project Owner:**	**City:**	
Project Name:	2B2 Jal 3	**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**	4500 CL b	TPH	BTEX 8021									
H900268 9																									
1	N. Wall Comp.	c	1			x					x		1/23/18	10:20	x	x	x								
2	S. Wall Comp.	c	1			x					x		1/23/18	10:25	x	x	x								
3	E. Wall Comp.	c	1			x					x		1/23/18	10:30	x	x	x								
4	W. Wall Comp.	c	1			x					x		1/23/18	10:35	x	x	x								
5	Floor @ 6'	c	1			x					x		1/23/18	10:40	x	x	x								

Relinquished By: Joel Lowry	**Date:** 1/24/19 **Time:** 3:30	**Received By:** Alexis Lowry	
Relinquished By: Alexis Lowry	**Date:** 1/24/19 **Time:** 3:30	**Received By:** Tamara Oldaker	
Delivered By: (Circle One) Sampler - UPS - Bus - Other:	0.2° #97	**Sample Condition** Cool ☑ Yes ☐ No Intact ☑ Yes ☐ No	**CHECKED BY: (Initials)** TO

Phone Result:	☐ Yes ☐ No	**Add'l Phone #:**	
Fax Result:	☐ Yes ☐ No	**Add'l Fax #:**	
REMARKS:	joel@lowrvenvironmental.com dean.ericson@energytransfer.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 subject area after initial response activities.

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	NCH1903660967
District RP	1RP-5345
Facility ID	fGP00000000008
Application ID	pCH1903661277

Release Notification

Responsible Party

Responsibly Party	ETC Texas Pipeline, Ltd.	OGRID	371183
Contact Name	Carolyn Blackaller	Contact Telephone	817-302-9766
Contact Email	carolyn.blackaller@energytransfer.c	Incident #	NCH1903660967 ETC 2B-2 @ FGP00000000008
Contact Mailing Address	600 N. Marienfeld. St., Suite 700, Midland, TX 79701		

Location of Release Source

Latitude 32.17311 Longitude -103.17584

(Nad 83 in decimal degrees to 5 decimal places)

Site Name	2B-2	Site Type	Pipeline
Date Release Discovered	01/21/19	API# *(if applicable)*	NA

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 total dissolved solids (TDS) in the produced water >10,000 mg/l?	☐ Yes ☐ No ☑ N/A
☐ Condensate	Volume Released (bbls)	Volume Recovered (bbls)
☑ Natural Gas	Volume Released (Mcf) 340.442 Mcf	Volume Recovered (Mcf) None
☐ Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)

Cause of Release

The release was attributed to the failure of a segment of buried natural gas pipeline as a result of corrosion.

State of New Mexico
Oil Conservation Division

Incident ID	0
District RP	0
Facility ID	0
Application ID	0

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

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.
- ☑ Release 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: Carolyn Blackaller Title: Sr. Environmental Specialist

Signature: Carolyn Blackaller Date: 2/1/2019

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

OCD Only

Received by: Date: