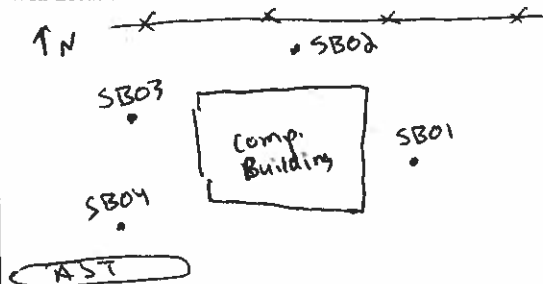


Well Location Sketch:



Compliance - Engineering - Remediation
LT Environmental, Inc.
 4600 W. 60th Avenue

BORING LOG/MONITORING WELL COMPLETION DIAGRAM

Boring/Well Number: SB01		Project: Dragoon Compressor	
Date: 2-27-2019		Project Number: 010219024	
Logged By: Dan Thomas		Drilled By: Drill Pro	
Drilling Method: Direct Push/Geoprobe		Sampling Method: Continuous	
Seal:		Grout: N/A	
Diameter: N/A	Length: N/A 16'	Hole Diameter:	Depth to Liquid:
Diameter: N/A	Length: N/A 30'	Total Depth: 44' 36"	Depth to Water:

Penetration Resistance	Moisture Content	Vapor (ppm)	Staining	Sample #	Depth (ft. bgs.)	Sample Run	Recovery	Soil/Rock Type	Lithology/Remarks	Well Completion Diagram
					0					
	DRY				2				0'-1' mostly pebbles / pad material	
	moist				4				0'-10' moisture most likely from pothole rig.	
					6				did not log 1'-10'	
					8					
					10				Potholed/not Logged	
					12	2'	3'	SP	10'-26.5' vfg. lg sand, trace clay, brown moist, poorly graded, no stain, no odor.	
					14	2'	3'			
					16	2'	3'		0115' clay lens (mod. plast) - 6"	
					18	4'	4'		0135' clay lens (mod. plast) - 6"	
					20				0195' clay lens (high plast) - 6"	
					22				0220' clay lens (mod. plast) - 6"	
					24				12'-24' Sand-fluvial	
					26				26.5'-44' vfg. mg sand trace clay, moist, poorly graded, no stain, odor.	
					28				3" clay lens @ 34' (mod. plast)	
					30				Odor trend increases w/ depth	
					32				Coarser sand 34'-44'	
					34					
					36					
					38					
					40					

Finished as Temp SU.
 Driller (close) @ 44'

Well Location Sketch:

Ref. SBO1



Compliance - Engineering - Remediation
 LT Environmental, Inc.
 4600 W. 60th Avenue

BORING LOG/MONITORING WELL COMPLETION DIAGRAM

Boring/Well Number: **SE02** Project: **Diagon Compressor Station**

Date: **2-27-2019** Project Number: **014219024**

Logged By: **Daniel Thomas** Drilled By: **Drill Pro**

Elevation: **N/A** Detector: **PID** Drilling Method: **Direct Push/Geoprobe** Sampling Method: **Continuous**

Gravel Pack: **Silica Sand** Seal: **Bentonite** Grout:


Casing Type: **PVC** Diameter: **1"** Length: Hole Diameter: **2.75"** Depth to Liquid: **-**

Screen Type: **PVC** Slot: **0.01** Diameter: **1"** Length: Total Depth: Depth to Water:

Penetration Resistance	Moisture Content	Vapor (ppm)	Staining	Sample #	Depth (ft. bgs.)	Sample Run	Recovery	Soil/Rock Type	Lithology/Remarks	Well Completion Diagram
					0				0'-1' Pebbles / pad material	
	16.8	4			2			CL	0'-3.5' clay some vfg. big sand little silt, grey, moist, low plasticity, low cohesion, stain, color	
	4.5				4			SP / SC	Potholed to 6' bgs, not logged 3.5'-7' Vfg - mg sand little clay, grey, moist, poorly-grained, stain, color.	
	5.3				6				High clay content (some) 6'	
	1.9				8					
					10					
					12					
					14					
					16					
					18					

NOTES:

Page ____ of ____

Location Map: Ref. SBO1		 Compliance • Engineering • Remediation LT Environmental, Inc. 4400 W. 46th Avenue Denver, Colorado 80212							
		BORING LOG/MONITORING WELL COMPLETION DIAGRAM							
		Boring/Well Number: SBO2	Project: Dyecon Compressor						
		Date: 3-1-2019	Project Number: 014219024						
Elevation: N/A		Detector: PID		Drilling Method: Hand Auger		Sampling Method: Continuous			
Gravel Pack:		Seal: Bentonite		Grout:					
Casing Type:		Diameter:		Length: 12		Hole Diameter: 5"	Depth to Liquid:		
Screen Type:		Slot:		Diameter:		Length: 30'		Total Depth: 42'	Depth to Water: 13'/26'
Penetration Resistance	Moisture Content	Vapor (ppm)	Staining	Sample #	Depth (ft. bgs.)	Sample Run <i>Recovery</i>	Soil/Rock Type	Lithology/Remarks	Well Completion
					0				
					4				
					8				
	Moist ↓	2.7			12	2 1/2'	SC	10'-14' Clayey Sand, brown/gray, moist (saturated @ 13'-14'), poorly-graded, no staining, odor.	
	Saturated ↓	8.1			16	4 1/4'			
	Moist ↓	1.4			20	4 1/4'	SP/SC	14'-27' Vfg - lg Sand, trace - few clay, tan/gray, moist - sh. moist, poorly-graded, stain @ 19', no odor & saturated @ 26'	
	Sh. moist ↓	1.5			24	4 1/4'			
		17.6			28	4 1/4'			
	Saturated ↓	2.0			32	4 1/4'			
	Moist ↓	8.8			36	4 1/4'	SP	27.5' - 40' Vfg - mg Sand, trace clay, brown, moist, poorly-graded, no staining & clay lens @ 23'	
	Moist ↓	11.7			40	4 1/4'			
	Sh. moist ↓	4.8			44				
		14.0			48				
		28.5			52				
		35.1			56				
		44.6			60				
		9.0							
		8.6							

*Finished as Temp { u
Driller Refusal @ 40'*

• PID every 2'

Well Location Sketch:



Compliance - Engineering - Remediation
 LT Environmental, Inc.
 4600 W. 60th Avenue

Ref. SBO1

BORING LOG/MONITORING WELL COMPLETION DIAGRAM

Boring/Well Number: 5803	Project: Diagoon Compressor
Date: 2-27-19	Project Number: 014219024
Logged By: Dan Thomas	Drilled By: Drill Pro
Elevation: N/A	Drilling Method: Direct Push/Geoprobe
Detector: PID	Sampling Method: Continuous
Gravel Pack: N/A	Seal: N/A
Casing Type: N/A	Diameter: N/A
Screen Type: N/A	Length: N/A
Slot: N/A	Length: N/A
Diameter: N/A	Length: N/A
Hole Diameter: 42	Depth to Liquid: ~32'
Total Depth: 42	Depth to Water: ~32'

Penetration Resistance	Moisture Content	Vapor (ppm)	Staining	Sample #	Depth (ft. bgs.)	Sample Run	Recovery	Soil/Rock Type	Lithology/Remarks	Well Completion Diagram
					0					
		78.4			2			CL	0' - 4' clay little VFg - G Sand, pebbles 0' - 1', grey, moist, low-plasticity, stain, odor.	
		141.2		*BT	4					
		370.1			6			SP/SC	4' - VFg - G Sand few clay, grey/brown, moist, poorly-graded, stain, odor.	
		537.7			8				Potholed/not Logged	
					10					
					12	2'	2'	SC	10' - 14' clayey Sand, brown/grey, moist, poorly-graded, stain, odor	
					14	4'	4'	SP/SC	14' - 27' VFg - G Sand, trace - few clay, tan/grey, moist, poorly-graded, no stain, no odor	
					16				* clay lens e 20'	
					18	4'	3'		* clay lens e 20'	
					20				* clay lens e 26'	
					22	4'	4'	SP/SC	27' - 40' VFg - mg Sand some clay, li, brown - brown, moist - saturated e 30', poorly-graded, no stain, no odor.	
					24					
					26	4'	4'			
					28					
					30	4'	4'			
					32					
					34	4'	4'			
					36					
					38	4'	4'			
					40					

Finished as Temp SU
 Drills Retrusale 40'

NOTES:

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Well Location Sketch:



Compliance - Engineering - Remediation
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Ref. SBO1

BORING LOG/MONITORING WELL COMPLETION DIAGRAM

Boring/Well Number: SBO4	Project: Dragon Compressor
Date: 3-27-19	Project Number: 014219024
Logged By: Dan Thomas	Drilled By: Drill Pro
Drilling Method: Direct Push/Geoprobe	Sampling Method: Continuous
Seal:	Grout: N/A

Elevation: N/A	Detector: PID	Diameter: N/A	Length: N/A	Hole Diameter: 12"	Depth to Liquid: 42'
Gravel Pack: N/A	Screen Type: N/A	Slot: N/A	Diameter: N/A	Length: N/A	Depth to Water: ~14' - ~26'

Penetration Resistance	Moisture Content	Vapor (ppm)	Staining	Sample #	Depth (ft. bgs.)	Sample Run	Recovery	Soil/Rock Type	Lithology/Remarks	Well Completion Diagram
					0					
		186.3		1e1'	2			CL	0'-3' clay like VFg-Fg Sand, trace silt, gray, moist, low-plasticity, stain, odor, pebbles	
		20.7			4			SP/SC	3'-10' VFg-Mg Sand Few Clay, gray/brown, moist, poorly-graded, stain, odor.	
		411.6			6					
		53.5			8					
					10				Potholed/not Logged	
					12	2'	2'	SC	10'-15' clayey Sand, gray/black, moist, poorly-graded, stain, odor.	
					14	4'	4'			
					16			SP/SC	15'-26' VFg-Cg Sand trace - Few clay, tan/gray/black, moist, poorly-graded, stain, odor.	
					18	4'	4'			
					20				*clay lens @ 22'	
					22	4'	4'	CL	26'-29' VFg-Mg Sandy Clay, dark brown moist, lowplast, no stain, odor.	
					24					
					26	4'	4'			
					28			SP	29'-40' VFg-Mg Sand trace clay, l.b. brown, poorly-graded, no stain, slight odor.	
					30	4'	4'			
					32				*clay lens @ 35'	
					34	4'	4'			
					36				Finished as Temp. SU Driller refused to e 40'	
					38	4'	4'			
					40					

NOTES:

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Location Sketch:



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BORING LOG/MONITORING WELL COMPLETION DIAGRAM

Boring/Well Number: SB05	Project: Dragon Comp.
Date: 3-1-19	Project Number: 014219024
Logged By: Dan Thomas	Drilled By: Drill Pro
Drilling Method: Direct Push/Geoprobe	Sampling Method: Continuous
Gravel Pack: N/A	Seal: N/A
Casing Type: N/A	Hole Diameter: N/A
Screen Type: N/A	Depth to Liquid: N/A
Slot: N/A	Depth to Water: N/A

Penetration Resistance	Moisture Content	Vapor (ppm)	Staining	Sample #	Depth (ft. bgs.)	Sample Run	Recovery	Soil/Rock Type	Lithology/Remarks	Well Completion Diagram
					0					
	Moist	150.0	Y		2			CL	0'-1' mostly pebbles / ped gravel	
		450.4		103'	4			SL	0'-1' Vfg - Cg Sandy clay, grey, moist (from hydrovac), low plasticity, stain, odor	
		201.1			6				→ Sand content increases w/ depth	
		270.3			8					
					10				Potholed/not Logged	
	Moist	10.1	Y		12	2'	2'	SP1	10'-26' Vfg - Cg Sand & silt clay, tan / black / grey, moist, poorly-graded, stain 10'-11', odor.	
	St. Moist	21.6			14	4'	3'	SC		
		19.6			16					
		1.3			18	4'	4'		019' 1' thick clay layer (CL)	
	Moist	33.1			20			SP1	026' clay lens (CL)	
	St. Moist	30.8		1020'	22	4'	4'	SC	26'-40' Vfg - mg Sand, tan clay, light brown - brown, St. moist-moist, poorly-graded, no stain, odor.	
		13.3			24					
		4.0			26	4'	4'			
		27.0			28				028' 1' thick sandy clay layer	
		23.5			30	4'	4'		030' clay lens	
		7.2			32				039' clay lens	
		18.1			34	4'	4'			
		14.0			36					
		101.7			38	4'	4'			
		80.1		2040'	40					

Boring abandoned due to little to no saturation.

Abandoned

ell Location Sketch:



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Ref. Aerial

BORING LOG/MONITORING WELL COMPLETION DIAGRAM

Boring/Well Number: **SB06** Project: **Dagoon Comp.**

Date: **3-1-19** Project Number: **04219024**

Logged By: **Dan Thomas** Drilled By: **Drill Pro**

Elevation: **N/A** Detector: **PID** Drilling Method: **Direct Push/Geoprobe** Sampling Method: **Continuous**

Gravel Pack: **N/A** Seal: **N/A** Grout: **N/A**

Casing Type: **N/A** Diameter: **N/A** Length: **12'** Hole Diameter: **N/A** Depth to Liquid: **N/A**

Screen Type: **N/A** Slot: **N/A** Diameter: **N/A** Length: **30'** Total Depth: **42'** Depth to Water: **26'**

Penetration Resistance	Moisture Content	Vapor (ppm)	Staining	Sample #	Depth (ft. bgs.)	Sample Run	Recovery	Soil/Rock Type	Lithology/Remarks	Well Completion Diagram
					0					
		0.3		1e1'	2			SL	0'-10' mostly pebbles/pad gravel.	
		12.5			4			SL	0'-10' VFg-Mg Sandy clay, grey/brown, moist (from hydraulic/meth), low plasticity, stain, odor.	
		13.1			6					
					8					
					10				Potholed/not Logged	
					12	2' 0"	0'	SP	10'-11' VFg-Mg Sand from clay, brown/tan, moist, poorly-graded, no stain, slight odor.	
		13.6			14	4' 3"	3'			
		9.8			16				@13' clay lens (CL)	
		3.8			18	4' 4"	4'	SP/SL	24.5'-36' VFg-Mg Sand, tan clay, tan/brown, moist (saturated @26'-29'), poorly-graded, no stain, odor.	
		5.6			20					
		2.5			22	4' 4"	4'		@29' clay lens (CL)	
		4.0			24					
		14.8			26	4' 4"	4'		@33' clay lens (med. plast)	
		8.3			28					
		27.1			30	4' 4"	4'			
		19.5			32			CL	36'-40' clay little VFg-Fg Sand, brown, moist, low-med. plasticity, no stain, odor.	
		13.8			34	4' 4"	4'			
		0.7			36					
		22.4			38	4' 4"	4'			
		23.8			40				Finished as temp SU.1 Piller refusal @ 40'	

Well Location Sketch:



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Ref. Aerial

BORING LOG/MONITORING WELL COMPLETION DIAGRAM

Boring/Well Number: SB07	Project: Dragoon Comp.
Date: 3-1-14	Project Number: 014219024
Logged By: Dan Thomas	Drilled By: Drill Pro
Drilling Method: Direct Push/Geoprobe	Sampling Method: Continuous
Seal:	Grout: N/A

Elevation: N/A	Detector: PID	Diameter: N/A	Length: N/A	Hole Diameter:	Depth to Liquid:
Gravel Pack: N/A	Casing Type: N/A	Diameter: N/A	Length: 10'	Total Depth: 42'	Depth to Water: 31'
Screen Type: N/A	Slot: N/A	Diameter: N/A	Length: 30'		

Penetration Resistance	Moisture Content	Vapor (ppm)	Staining	Sample #	Depth (ft. bgs.)	Sample Run	Recovery	Soil/Rock Type	Lithology/Remarks	Well Completion Diagram
					0					
		56.1			2				0'-1' Mostly pebbles / pad gravel	
		114.7			4				0'-1' VFg-Mg Sandy clay, gray, moist, low plasticity, stain, odor.	
		24.2			6					
					8					
					10				Potholed/not Logged	
					12	2'	2'	SP	10'-24' VFg-Cg Sand trace clay, moist tan/black, poorly-graded, stain, odor.	
					14	4'	3.5'	SC		
					16				@19' clay lens (CL)	
					18	4'	4'	CL	24'-27' Clay some VFg-Mg Sand, brown, moist, low-moel. plasticity, no stain, odor.	
					20					
					22	4'	4'			
					24			SP/SC	27'-40' VFg-Mg Sand trace clay tan/brown, moist - saturated	
					26	4'	4'		@31' clay lens (CL)	
					28				@33' clay lens (CL)	
					30	4'	4'		@35' clay lens (CL)	
					32					
					34	4'	4'			
					36					
					38	4'	4'			
					40				Finished as temp SB Refused @ 40'	

NOTES:

Page 1 of 1

Well Location Sketch:



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Ref. Aerial

BORING LOG/MONITORING WELL COMPLETION DIAGRAM

Boring/Well Number: SB08	Project: Dragoon Comp.
Date: 3-1-14	Project Number: 014219024
Logged By: Dan Thomas	Drilled By: Drill Pro
Elevation: N/A	Drilling Method: Direct Push/Geoprobe
Detector: PID	Sampling Method: Continuous
Gravel Pack: N/A	Seal: N/A
Casing Type: N/A	Diameter: N/A
Screen Type: N/A	Length: N/A
	Length: 30'
	Total Depth: 42'
	Depth to Liquid: 33'
	Depth to Water: 33'

Penetration Resistance	Moisture Content	Vapor (ppm)	Staining	Sample #	Depth (ft. bgs.)	Sample Run	Recovery	Soil/Rock Type	Lithology/Remarks	Well Completion Diagram
					0					
		4.7			2			CL	0'-1' Mostly gravel / pebbles	
		19.0			4				0'-15' VFg-mg sandy clay, grey / brown / reddish, moist, low plasticity, little staining, slight odor.	
		20.7			6					
					8					
					10				Potholed/not Logged	
					12	2'	2'	SP	15'-16' VFg-Cg Sand trace clay, tan, moist, poorly-graded, no stain, odor.	
					14	4'	3'			
					16				16'-21' Clay some VFg-mg sand, dark brown, moist, low-mod. plasticity, no stain, odor.	
					18	4'	4'			
					20					
					22	4'	4'		21'-25' VFg-Cg Sand trace clay, tan / brown, moist, poorly-graded, no stain, odor.	
					24					
					26	4'	4'	SC	25'-40' VFg-mg Sand, some clay, li. brown / brown, moist, poorly-graded, no stain, odor.	
					28					
					30	4'	4'		29' - clay lens.	
					32					
					34	4'	4'			
					36					
					38	4'	4'			
					40					

Finished as Temp SU
 Refusals 40'

Location Map:



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BORING LOG/MONITORING WELL COMPLETION DIAGRAM

Boring/Well Number: SB09	Project: Dragoon Compressor Station
Date: 5/13/20	Project Number: 14219024
Logged By: David Stainback, P.G.	Drilled By: Drill Pro
Drilling Method: Geoprobe/HA	Sampling Method: Continuous
Gravel Pack:	Seal: Bentonite
Casing Type:	Hole Diameter: 2.25"
Screen Type:	Total Depth: 44'
Slot:	Depth to Liquid: N/A
Diameter:	Depth to Water: N/A
Length:	

Penetration Resistance	Moisture Content	Vapor (ppm)	Staining	Sample #	Depth (ft. bgs.)	Sample Run	Soil/Rock Type	Lithology/Remarks	Well Completion
	moist	16.3 32.3 62.2 26.4 23.9	Grey	SB09 @ 2'	0			0-7' CL , Sampled w/ hand auger	
					4			1-4' clayey VFg Sands, some cohesion, moist, grey w/ odor	
					8			4-7' clay w/ VFg - my Sands, grey, moist, odor, low plasticity	
		12.8 16.7 24.2 6.7 3.7			12		SC	10-12' clayey Fg - My sands, moist, grey, SC odor	
					16		SW	12-14' clay w/ Fg sands, grey, SC odor, low plasticity, moist	
		1.8 45.5 3.3 60.3 36.2 17.9 17.7 9.4 1.6 40.1 1.2 12.1 18.6	NO		20			14-16' Fg - Cy Sands, moist, grey to black, SC odor	
					24			16-20' Fg - Cy Sand w/ little gravels, moist, grey, SC odor	
					28		SC	20-24' same as above, no stain, Fg clayey 4" lens @ 23'	
					32		SP	24-26' same as above, SC odor	
					36		CL	26-35' clayey Fg sands, some cohesion, non-plastic, no stain/odor, moist, little My Sands	
					40		SP	35-37' clay w/ Fg sands, low plasticity, no stain/odor, cohesive	
				SB09 @ 44'	44			37-40' Fg - my Sands, moist, no stain/odor	
					48			40-44' Fg sands w/ some to little My S, clayey 42-44', no stain/odor	
					52			TD @ 44', backfill	
					56			hole w/ bentonite	
					60				

Location Map:



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BORING LOG/MONITORING WELL COMPLETION DIAGRAM

Boring/Well Number:

SB10

Project:

Dragoon Compressor Station

Date:

5/13/20

Project Number:

14219024

Logged By:

David Stainback, P.G.

Drilled By:

Drill Pro

Elevation:

N/A

Detector:

PID

Drilling Method:

Geoprobe

Sampling Method:

Continuous

Gravel Pack:

Seal:

Bentonite

Grout:

Casing Type:

Diameter:

Length:

Hole Diameter:

2.35

Depth to Liquid:

Screen Type:

Slot:

Diameter:

Length:

Total Depth:

44'

Depth to Water:

N/A

Penetration Resistance	Moisture Content	Vapor (ppm)	Staining	Sample #	Depth (ft. bgs.)	Sample Run	Soil/Rock Type	Lithology/Remarks	Well Completion
	no. 54	8.6	grey		0		CL	0-7' sampled via hand auger	
		6.8			4		SC	1-4' Clay w/ VFg Sands grey, moist, no odor, low plasticity	
		4.7						4-6 clayey Fg - My Sands, moist, no odor	
		2.2			8			6-7' lost recovery	
	12.5	6.7	black		12		SC	10-12 Clayey Fg sands, Black stain s/o Moist.	
	7.25	4.3			16		SW	12-13' Same as above	
		40.6	grey					13-16' Sand, well graded, Fine w/ med. grains loose, moist, No odor.	
		2.8			20			16-20' well graded sands, loose & coarse grained	
		2.5						Fine to Med grains, trace large grains	
		4.5			24		SC	20-24' Fine to coarse sands, small grains	
		40.1						22-23' No odor. Slight odor. No stain	
		23.2			28		SC	24-26' Fine grain sands w/ clay @ 23'	
		13.9	NO					24-26' Fine grain sands w/ clay NO stain	
		1.9			32		SP	26-28' Fine grain poorly graded sand	
		12.9	black					NO stain, NO odor. loose, moist	
		16.7	NO		36		SP	28-32' Sand, poorly graded, Fine to med.	
		31.2	black	SB10 @ 32'				Slight odor, 1" black stain @ 28', 10" clay @ 30'	
		4.4	NO		40			1" coarse, low to med plasticity. 31.5, coarse sand	
		4.6			44			32-36' 3" clay lens @ 32'. 4" coarse grain clay lens after strong odor, black stain	
		16.4	black					34' poorly graded, fine to med sand	
		136.2	NO	SB10 @ 44'				No stain, NO odor, moist	
		13.3			48			36-40' poorly graded sand Fine to med	
		32.5						Intermittent clay lens throughout. NO stain	
					52			NO odor, moist	
					56			40-44' Poorly graded sand Fine to med.	
					60			Strong odor, black stain, 6" Fine graded	
								small grains @ 42', Moist	
								TD @ 44' Back fill with Bentonite	

Location Map:



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BORING LOG/MONITORING WELL COMPLETION DIAGRAM

Boring/Well Number:

SB11

Project:

Dragoon Compressor Station

Date:

5/13/20

Project Number:

14219024

Logged By:

David Stainback, P.G.

Drilled By:

Drill Pro

Drilling Method:

Geoprobe

Sampling Method:

Continuous

Elevation:

N/A

Detector:

PID

Gravel Pack:

Seal:

Bentonite

Grout:

Casing Type:

Diameter:

Length:

Hole Diameter:

2.25"

Depth to Liquid:

Screen Type:

Slot:

Diameter:

Length:

Total Depth:

44'

Depth to Water:

N/A

Penetration Resistance	Moisture Content	Vapor (ppm)	Staining	Sample #	Depth (ft. bgs.)	Sample Run	Soil/Rock Type	Lithology/Remarks	Well Completion
	moist	0.4	Black		0			0-7' Sample by hand auger	
	1.2	1.2	grey		4			0-2' back/graded soil, no stain/odor	
	2.0	2.0						3-7' Vfg Sands w/ clay, grey, sb odor, tie joints	
	4.0	4.0			8			10-12' clayey Fg Sands, moist, Black stain w/ sb odor	
	9.4	9.4	Black		12		SC	12-16' clayey Fg-Cg Sands, black stain w/ odor, moist	
	12.7	12.7	grey		16		SW/SC	16-20' SAA, grey stain 16-17', sb odor, moist	
	14.2	14.2			20			20-25' Fg-Cg Sands, tie fines, sb odor, loose	
	15.2	15.2			24			25-32' clayey Fg Sands w/ little Mg sands, no stain/odor, moist	
	1.3	1.3			28		SC	32-35' SAA, increase in Mg sands, no stain/odor, (elevated PID)	
	20.3	20.3			32			35-36' clay, medium plasticity	
	6.8	6.8			36		CL	36-41' Fg Sands w/ clay & tie Mg, moist, no stain/odor	
	20.2	20.2			40		SC	40-44' Fg-Mg Sands, tie fines, no stain/odor	
	14.7	14.7			44		SP	TD @ 44', backfill hole w/ bentonite	
	57.1	57.1		SB11 @ 32'	48				
	11.0	11.0			52				
	12.5	12.5			56				
	6.8	6.8			60				
	14.7	14.7		SB11 @ 44'					
	20.6	20.6							

Location Map:



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BORING LOG/MONITORING WELL COMPLETION DIAGRAM

Boring/Well Number:

SB12

Project:

Dragoon Compressor Station

Date:

5/13/20

Project Number:

14219024

Logged By:

David Stainback, P.G.

Drilled By:

Drill Pro

Elevation:

N/A

Detector:

PID

Drilling Method:

Geoprobe

Sampling Method:

Continuous

Gravel Pack:

Seal:

Bentonite

Grout:

Casing Type:

Diameter:

Length:

Hole Diameter:

20.5"

Depth to Liquid:

Screen Type:

Slot:

Diameter:

Length:

Total Depth:

44'

Depth to Water:

NA

Penetration Resistance	Moisture Content	Vapor (ppm)	Staining	Sample #	Depth (ft. bgs.)	Sample Run	Soil/Rock Type	Lithology/Remarks	Well Completion
								0-7' sampled w/ HA	
	20.3	28.3	grey		0		SC	0-7' clayey Fg-Mg sands, less	
	22.2	23.2	NO		4			clay w/ depth & more sands w/	
	17.7							depth, grey 1-4' w/ SC odor	
	11.6				8			10-13' clayey Fg sand w/	
	21.2		Yes	(1322)				little Mg, moist, stain/odor obs	
	57.2		NO	SB12 @ 12'	12			11-13'	
	17.3				16		SW	13-20' Fg-Vcg sands, less moist,	
	8.9		Yes					SC odor, no stain, 3' clay lens	
	22.0		NO		20			@ 17' w/ stain, increase in Cg	
	15.6				24			sand w/ depth	
	53.8				28		SC	20-25' well graded Fg-Vcg	
	8.2							sands, no stain/odor, less moist	
	40.2				32		SP	25-28' clayey Fg sand w/ some	
	18.4							Mgs, some cohesion, moist, no	
	6.2				36		SC	stain/odor	
	4.1				40			28-32' Fg sands w/ little Mg	
	27.3							sand, moist, no stain/odor	
	1.1				44			32-40' Fg-Mg sand, too	
	35.1							clay, less moist, no stain/odor	
	3.5				48			5' clay lens @ 36'	
	18.9				52			40-44' Fg-Mg clayey sands,	
	7.3				56			less moist, no stain/odor	
					60			TD @ 44', abandon hole w/	
								bentonite	

Location Map:



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BORING LOG/MONITORING WELL COMPLETION DIAGRAM

Boring/Well Number:

SB13

Project:

Dragoon Compressor Station

Date:

5/13/20

Project Number:

14219024

Logged By:

David Stainback, P.G.

Drilled By:

Drill Pro

Elevation:

N/A

Detector:

PID

Drilling Method:

Geoprobe

Sampling Method:

Continuous

Gravel Pack:

Seal:

Bentonite

Grout:

Casing Type:

Diameter:

Length:

Hole Diameter:

2-25"

Depth to Liquid:

Screen Type:

Slot:

Diameter:

Length:

Total Depth:

Depth to Water:

N/A

Penetration Resistance	Moisture Content	Vapor (ppm)	Staining	Sample #	Depth (ft. bgs.)	Sample Run	Soil/Rock Type	Lithology/Remarks	Well Completion
	3.5	0.0	No		0			0-7' Sampled w/ Hand auger	
		0.0			4			0-7' Fg-Mg clayey Sands, moist, no stain/odor	
		0.0			8			10-12' Fg-Mg Sands w/ clay, moist, no stain/odor	
		0.0			12		SC	12-13.5' clay w/ Fg Sands, moist, no stain/odor, low plasticity	
		0.5	grey		16		SW	13.5-20' Fg-Cg grey Sands, trc gravel, moist, loose, well graded	
		6.0			20			20-26.5' SAA, no stain/odor, grey, moist	
		0.6			24			26.5-28' Clay w/ little-trc Fg Sands, low plasticity, no stain/odor	
		3.1			28		CL	28-29' clayey Fg Sands, no stain/odor, moist	
		4.7			32		SC	29-32' Fg-Mg Sands, loose, moist, no stain/odor 6" clay lense @ 31'	
		1.3			36		SP	32-40' Fg-Mg Sands, loose, moist, no stain/odor, clayey Fg-Mg Sand lense @ 32' (10")	
		6.2	No	SB13 @ 36'	40			40-44' Fg-Mg Sands, loose, moist, no stain/odor, clays obs. @ 42-43'	
		9.1			44			TD @ 44', no well set, plug hole w/ bentonite	
		1.2		SB14 @ 44'	48				
		1.4			52				
		16.8			56				
		5.1			60				
		7.0							
		11.3							
		5.4							

Location Map:



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BORING LOG/MONITORING WELL COMPLETION DIAGRAM

Boring/Well Number:

SB14

Project:

Dragoon Compressor Station

Date:

5/14/20

Project Number:

14219024

Logged By:

David Stainback, P.G.

Drilled By:

Drill Pro

Elevation:

N/A

Detector:

PID

Drilling Method:

Geoprobe

Sampling Method:

Continuous

Gravel Pack:

Seal:

Bentonite

Grout:

N/A

Casing Type:

N/A

Diameter:

Length:

Hole Diameter:

2.25"

Depth to Liquid:

Screen Type:

N/A

Slot:

Diameter:

Length:

Total Depth:

43.5'

Depth to Water:

N/A

Penetration Resistance	Moisture Content	Vapor (ppm)	Staining	Sample #	Depth (ft. bgs.)	Sample Run	Soil/Rock Type	Lithology/Remarks	Well Completion
	moist	58.1	gray		0		SC	0-7' potholed & logged using hand	
		161.3			4			1-4' Fg sand w/ clay, SC odor,	
		101.8	black					gray stain, moist, black stain &	
		391.8	SCV					odor @ 4'	
		7.5						5-7' Fg sand w/ clay, moist, gray,	
		10.6			8			no odor	
		3.6	SCV		12		SC	10-16' clayey Fg-Mg sands, moist,	
		12.6	black					gray w/ SC odor, black stain &	
		9.8			16		SW-SC	coarse sands 14-16'	
		12.6						16-24' Fg-Cg clayey sands, strong	
		21.6			20			odor w/ stain, moist	
		889						24-40' Fg-Mg sand w/ trace-	
		24.1	gray		24		SW	little Cg sands, gray w/	
		924						strong odor observed, trace	
		1272			28			small gravel, no stain 28-40'	
		1266						40-43.5' Fg sands w/ some	
		1403			32			Mg sands, trace-little clay,	
		2712						strong odor, no stain	
		1910			36			* Rods jamming, unable	
		1502	NO				SP	to push deeper	
		1350			40			- driller's refusal @ 43.5'	
		795						- Plug hole w/ bentonite	
		1546			44			no well set	
		4605			48				
		1410			52				
		1782			56				
		1340			60				

Location Map:



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BORING LOG/MONITORING WELL COMPLETION DIAGRAM

Boring/Well Number:

SB15

Project:

Dragoon Compressor Station

Date:

5/15/20

Project Number:

14219024

Logged By:

David Stainback, P.G.

Drilled By:

Drill Pro

Elevation:

N/A

Detector:

PID

Drilling Method:

Geoprobe

Sampling Method:

Continuous

Gravel Pack:

N/A

Seal:

Bentonite

Grout:

Casing Type:

N/A

Diameter:

Length:

Hole Diameter:

2.25"

Depth to Liquid:

Screen Type:

N/A

Slot:

Diameter:

Length:

Total Depth:

47'

Depth to Water:

N/A

Penetration Resistance	Moisture Content	Vapor (ppm)	Staining	Sample #	Depth (ft. bgs.)	Sample Run	Soil/Rock Type	Lithology/Remarks	Well Completion
	moist	6.1	NO		0		SC	0-7' cleared w/ path hole, logged	
		0.3			4			1-7' Fg sands w/ clay, moist, non-plastic, some cohesion, no stain/odor, decreasing clay w/ depth	
		0.2			8			10-12' clayey Fg-Mg sands, some cohesion, 3" clay lens @ 11.5', no stain/odor, moist	
		6.1			12		SC	12-14' SAA, no stain/odor	
		6.3			16		SW	14-17' Fg-Cg sands, well graded, iron mults, loose, no stain/odor, too small gravel	
		0.3			20		SC	17-20' Fg-Mg clayey sands, grey, slight odor, moist, some cohesion, non-plastic, 3" clay lens @ 17.5'	
		0.1	grey		24		SW	20-23' Fg-Vcg sands w/ some small gravel, grey, SL odor, loose	
		3.1			28		SC	23-24' clayey Fg sands, some cohesion, moist, grey, SL odor	
		3.1			32		SW	24-26.5' clay w/ Fg sands, low plasticity, grey, moist, SL odor	
		1.7			36		SC	26.5-36' Fg-Mg sands, loose, no stain/odor, moist	
		6.8			40		SW	36-40' clayey Fg-Mg sands, moist, SL odor, grey, clay lens (4") @ 39'	
		2.2			44			40-47' Fg-Cg sands, moist, strong odor, grey, clayey Fg sands 42-43'	
		25.3			48				
		4.0	NO		52				
		16.5			56				
		15.5	grey		60				
		85.3							
		2.3							
		17.2							
		160.9							
		429.1							
		1,186							
		1,482							
		392							
		1,044							
		1,058							

unable to push deeper
 - Abandon/plug hole w/ bentonite

Location Map:



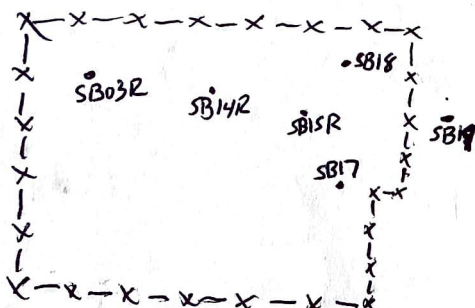
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BORING LOG/MONITORING WELL COMPLETION DIAGRAM

Boring/Well Number: SB16	Project: Dragoon Compressor Station
Date: 5/15/20	Project Number: 14219024
Logged By: David Stainback, P.G.	Drilled By: Drill Pro
Drilling Method: Geoprobe	Sampling Method: Continuous
Gravel Pack: N/A	Seal: Bentonite
Casing Type: N/A	Grout: N/A
Screen Type: N/A	Hole Diameter: 2.25"
Slot: N/A	Depth to Liquid: N/A
Diameter: N/A	Depth to Water: N/A
Length: N/A	Total Depth: 44'

Penetration Resistance	Moisture Content	Vapor (ppm)	Staining	Sample #	Depth (ft. bgs.)	Sample Run	Soil/Rock Type	Lithology/Remarks	Well Completion
	moist	0.1	none		0		SC	0-7' panned & sampled w/ hand auger	
		0.0			4		I	1-4 Fg Sands w/ clay, moist, no stain/odor	
		0.2						4-7 Fg-mg Sands, tr. clay, moist, no stain/odor observed	
		0.1			8			10-12 clayey Fg-mg Sands, moist, no stain/odor	
		0.3			12		SC	12-13.5 Same as above, some cohesion, no stain/odor	
		0.2			16		SW	17.5-20 Fg-mg Sand, loose, moist, no stain/odor	
		0.4			20		I	odor 19-20', stain w/ tur-like some gravel	
		0.6	yes		24		I	20-24 same as above, clayey w/ little some gravel, black w/ tar odor	
		1.0			28		SP/SC	24-28 clayey Fg Sands, moist, no stain/odor, 5" clay lens @ 27.5'	
		0.0			32		SP	28-36 Fg-mg loose Sand, moist, no stain/odor, clays 32-36'	
		1.9			36		SP-SC	36-41 same as above, no stain/odor obs., moist	
		2.4	NO		40		I	40-44' Fg Sand w/ clay, Fg-mg loose Sandy lens @ 42-43', SC odor, no stain	
		1.3			44		SC	TD @ 44' bgs, no well set, plug hole w/ bentonite chips	
		1.0			48				
		1.7			52				
		102.1			56				
		2.0			60				
		22.5							
		14.1							
		17.0							
		2.3							
		5.2							

Location Map:



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BORING LOG/MONITORING WELL COMPLETION DIAGRAM

Boring/Well Number: SB17	Project: Dragoon Compressor Station
Date: 8-17-20	Project Number: 14219024
Logged By: Ryan Jedrzejak David Stainback, P.G.	Drilled By: Drill Pro
Drilling Method: HSA	Sampling Method: Continuous Core Bore
Seal: Bentonite	Grout: —
Casing Type: —	Hole Diameter: 4.25
Screen Type: —	Total Depth: 55'
Slot: —	Depth to Liquid: —
Diameter: —	Depth to Water: NA
Length: —	

Penetration Resistance	Moisture Content	Vapor (ppm)	Staining	Sample #	Depth (ft. bgs.)	Sample Run	Soil/Rock Type	Lithology/Remarks	Well Completion
	Dry	0.8 0.1 0.2	None		0		SC	2-6' Fg Sands w/ little clay. Brown Dry, No stain No odor.	
					4				
					8				
		0.8			12		SP	10-15' Fg-Med grain sands w/ trace clay. Brown, Dry, Soft, No stain No odor, low plasticity clay lense 14-15'	
		0.3			16		SP	15-20' Fg-Course grain sands, tan Dry, well graded, No stain No odor	
		1.7			20			20-25' Fg-Course grain sands, Grey Dry well graded, No stain No odor	
		0.4			24			25-30' Fg Sands w/ clay, Dark brown Moist, Med Plasticity clay lense 28-29'	
	Moist	1.5 2.6 7.8 0.8 1.7 13.3 3.0 16.0 18.3 15.6 4.2 6.4 32.2 175.0 10.6 26.6			28		SC	Slight odor, No staining, No stain No odor elsewhere	
					32		SC	30-35' Fg-Med sands, w/ little Med grains, tan Moist, No staining slight odor.	
					36		SC	35-40' Same as above, increase Fg Sands with clay lense 38-39.5, No stain slight odor.	
					40		SC	40-45' Clayey Fg Sands, Brown Moist, slight odor, No staining	
					44		SC	45-50' Fg-Med grain sands: Few coarse grain sand, tan Moist, well graded slight odor, No stain.	
					48		SW	50-55' Fg-Med grains, Few coarse grain tan, Moist, well graded GREY 55'	
					52		SW	TD@55' Abandoned with Native + Bentonite	
					56				
					60				

Location Map:



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Refer to SB07

BORING LOG/MONITORING WELL COMPLETION DIAGRAM

Boring/Well Number: SB18	Project: Dragoon Compressor Station
Date: 8-19-20	Project Number: 14219024
Logged By: Ryan J. Jurek David Stambaugh, P.G.	Drilled By: Drill Pro
Elevation: N/A	Drilling Method: HSA
Gravel Pack: -	Seal: Bentonite
Casing Type: -	Sampling Method: Continuous Core Barrel
Screen Type: -	Grout: -

Diameter:	Length:	Hole Diameter: 4.25	Depth to Liquid:
Diameter:	Length:	Total Depth: 50	Depth to Water:

Penetration Resistance	Moisture Content	Vapor (ppm)	Staining	Sample #	Depth (ft. bgs.)	Sample Run	Soil/Rock Type	Lithology/Remarks	Well Completion
	Dry	0.0	None		0		cl	2' clay w/ little sands. Brown. Dry	
		0.0			4		sp	Med plasticity. No stain. No odor	
		0.0						4-6 VFg-Fs Sands w/ trace clay. Brown. Dry. Possibly gravel. No stain No odor. Very soft	
	Moist	0.0			8		cl	6-10' Fg Sands. trace clay. Brown. Dry. Poorly graded. No stain No odor	
		0.3			12		sc	10-15' Fs Sands, with little clay	
		0.4			16		sw	Few Med grains, trace small grains	
		0.0			20		cl	Brown. Moist. Low plasticity clay. Loose	
		2.1			24		sw	10-11' No stain No odor	
		7.6	Yes		28		sp	15-20' Fg-Coarse grain Sands. tan. Moist, well-graded. 19-20' Clay. with trace Fg sand	
		10.5	None		32		sc	low plasticity. No stain No odor	
		19			36		sp	20-25' Fg-Coarse grain Sands. Brown. Grey 23-25' Fg-Med grain	
		5.1			40		sp	Sand. loose 23-25'. well-graded-Poorly graded	
		4.0			44		sp	laminated staining 23-21. Organic odor. moist.	
		0.4			48		sp	25-30' Fg-Med grain Sands, trace clay	
		2.0			52		sp	Brown. Moist. Poorly graded. NO stain	
		11.9			56		sp	No odor.	
		126.9			60		sp	30-35' Same as above. No clay. Brown. Moist. No stain No odor	
								35-40' clayey Fg Sands. Brown moist	
								No stain no odor	
								40-45' Fg-Med grain Sands Few clay	
								Brown. Moist No stain No odor	
								45-50' Fg Sands w/ Few clay 45-47'	
								Fg Sands with trace med grains, trace small grains	
								trace clay. Brown. moist No stain slight odor	

TD @ 50' Abandoned w/
Bentonite

Location Map:



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Refer to 5317

BORING LOG/MONITORING WELL COMPLETION DIAGRAM

Boring/Well Number: 5319		Project: Dragoon Compressor Station	
Date: 8-14-20		Project Number: 14219024	
Logged By: <i>Ryan Desreynaik</i> David Stainback, P.G.		Drilled By: Drill Pro	
Drilling Method: HSA		Sampling Method: Continuous Core Barrel	
Seal: Bentonite		Grout:	
Elevation: N/A	Detector: PID	Diameter:	Length:
Gravel Pack:		Hole Diameter: 4.25	Depth to Liquid:
Casing Type:		Total Depth: 50	Depth to Water: N/A
Screen Type:	Slot:	Diameter:	Length:

Penetration Resistance	Moisture Content	Vapor (ppm)	Staining	Sample #	Depth (ft. bgs.)	Sample Run	Soil/Rock Type	Lithology/Remarks	Well Completion
	Dry	0.2	None		0		CI	2 - clay with trace Fg Sands, Brown, Moist.	
		0.2			4		SP	10 - Plasticity, No Shrink, No odor.	
		0.2						4 - Fg Sands, w/ trace clay, Brown, Dry, Poorly graded	
								6 - trace organic, no stain, no odor.	
								6 - Fg + Fg Sands, trace clay, Brown, Dry, Poorly sorted	
		2.4			8		SC	7-10 Clayey Fg Sands, Few Med grains	
		10.2						Brown, Dry, No Shrink, No odor	
	Moist	0.1			12		CI	10-15 clayey Fg Sands 10-13' Few med	
		0.0						grains, Clay with some Fg Sands 13-15'	
		0.0			16		SP	trace med grains, Brown, Dry low plasticity	
		0.1			20			No Shrink, No odor	
		0.1			24		SC	15-20 Fg - Med grain Sands, little	
		0.7						coarse grains, trace small gravel	
		17.2			28		SP	Brown Moist, well-graded, no Shrink, No odor	
		4.4						20-25 - Same as above, increasing	
		13.5			32			coarse grains, No Shrink, No odor	
		7.4						25-30. Fg - Med grain Sands trace	
		9.4			36		CI	coarse, Grey, Moist, Poorly graded,	
		1.7						Clayey, Fg - coarse grain, loose 25-25.5	
		21.6			40		SP	Slight stain, slight odor	
		6.7						30-35. Same as above, Poorly graded	
		58.6			44		SC	Grey, Moist, slight stain, slight odor	
		19.7						35-40 Fg - Med grain Sands, little coarse	
		13.4			48		SP	grain, Grey, Moist, Poorly sorted, 3"	
								low plasticity clay, loose 31-37.3, slight stain	
					52		SW	@ 37, slight odor	
					56			40-45 Fg - Med grain Sands, tan, Moist	
								Poorly grade, Clayey Fg Sand, loose 44.5-50'	
					60			No Shrink, slight odor	

increase grain size w/ depth
TD @ 50' Abandoned w/ Bentonite

Location Map:



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Redrill.

BORING LOG/MONITORING WELL COMPLETION DIAGRAM

Boring/Well Number: 5B0312	Project: Dragoon Compressor Station
Date: 8-18-20	Project Number: 14219024
Logged By: <i>David Stainback, P.G.</i>	Drilled By: Drill Pro
Drilling Method: HSA	Sampling Method: Split spoon
Seal: Bentonite	Grout: -
Casing Type:	Diameter: Length: Hole Diameter: 4.25 Depth to Liquid: -
Screen Type: Slot: Diameter: Length: Total Depth: 45' Depth to Water: -	

Penetration Resistance	Moisture Content	Vapor (ppm)	Staining	Sample #	Depth (ft. bgs.)	Sample Run	Soil/Rock Type	Lithology/Remarks	Well Completion
					0			0-6 ft. not logged	
					4				
					8			6-32 drilled not logged	
					12				
					16				
					20			33-35' vFg-Fg sands, little-some med grains. moist. tan. poorly graded clayey Fg sand lense 33-33.5'. No skin slight odor.	
					24				
					28			35-37 vFg-Fg sands, little-some med grains. tan. moist. poorly graded No skin, slight odor, trace clay	
2, 5, 8, 9	Moist	957.0	None	BORESS	32		SC SP		
		39.0			36			38-40' vFg-Med grain sands, tan moist & 2 low plasticity clay lense @ 49.5' No skin, slight odor.	
8, 9, 10, 11		741.0			40			40-42' Fg-Med grain sand, few clay tan, moist, clayey sand lense @ 41.5', No odor.	
3, 6, 7, 10		28.2			44			43-45' vFg-Med grain sand, tan, moist poorly graded. No skin, slight odor	
7, 7, 14, 20		43.3			48			45-47' same as above. tan, moist, No skin slight odor	
7, 8, 10, 13		16.1			52			48-50' vFg-Med grain, trace coarse, trace clay tan, moist. No skin, slight odor, poorly graded	
8, 11, 12, 12		70.4			56			TD @ 50' Abandoned w/ Bentonite	
3, 6, 7, 9		47.3			60				
		66.9		BOREH					
		146.0		BORES					
		36.9							
		36.2							

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Compliance _M Engineering _M Remediation
LT Environmental, Inc.
4400 W. 46th Avenue
Denver, Colorado 80212

BORING LOG/MONITORING WELL COMPLETION DIAGRAM

Boring/Well Number: SB14R	Project: Dragoon Compressor Station	
Date: 8-18-20	Project Number: 14219024	
Logged By: Ryan J. Starnback, P.G.	Drilled By: Drill Pro	
Drilling Method: HSA	Sampling Method: split spoon	
Seal: Bentonite	Grout: —	
Diameter: —	Hole Diameter: 4.26	Depth to Liquid: —
Diameter: —	Total Depth: 57	Depth to Water: 56

Penetration Resistance	Moisture Content	Vapor (ppm)	Staining	Sample #	Depth (ft. bgs.)	Sample Run	Soil/Rock Type	Lithology/Remarks	Well Completion
					0			0-6 pot holed not logged	
					4				
					8			6-43 drilled not logged	
					12				
					16				
					20			43-45' clayey Fg Sands, Grey	
					24			Moist. vFg-Fg Sand lense 44.5'-44.5'	
					28			NO stain strong odor.	
					32			45-47' vFg-Fg Sands, trace Med grains	
					36			tan. moist. Poorly graded, NO stain	
					40			strong odor	
					44			48-50' vFg-Fg Sands, trace clay 48-49'	
					48			trace coarse	
					52			vFg-Med grain Sand SA 49-50' tan-black	
					56			Moist. Staining, strong odor. well graded.	
					60			50-52' Fg-Med grain sands, trace coarse.	
								Grey/Black. Moist. Fg-Med grain w/ few	
								clay lense 51-51.5. Black staining strong	
								odor	
								53-55' vFg-Med grain sands, Some coarse	
								grains, trace clay. Grey, moist. Some	
								staining. Some odor. well graded	
								55-57' Fg-Med grains, Some coarse, trace	
								Small gravel. Grey/Black wet @ 56, well-graded	

Some staining, strong odor.

Test backfill with nation + Bernote

Location Map:

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 4400 W. 46th Avenue
 Denver, Colorado 80212

BORING LOG/MONITORING WELL COMPLETION DIAGRAM

Boring/Well Number: SBISR	Project: Dragoon Compressor Station
Date: 8-17-70	Project Number: 14219024
Logged By: David Stainback, P.G.	Drilled By: Drill Pro
Drilling Method: HSA	Sampling Method: Split spoon
Seal: Bentonite	Grout: —
Casing Type: —	Hole Diameter: 4 1/2"
Screen Type: —	Total Depth: 60'
Slot: —	Depth to Water: ~ 56'

Penetration Resistance	Moisture Content	Vapor (ppm)	Staining	Sample #	Depth (ft. bgs.)	Sample Run	Soil/Rock Type	Lithology/Remarks	Well Completion
					0			0-6 pitholed not logged	
					4				
					8			6-48 Drilled Not logged	
					12				
					16				
					20			48-50' Fg - coarse grain sands Grey, moist, well-graded. Black stain 50'. Strong odor.	
					24			50-52' Fg - coarse grain sands Grey, moist, well-graded. Grey stain. Strong odor	
					28			52-54' same as above. Grey moist, well-graded, black staining 53-54. Strong odor.	
					32			54-58' Fg - coarse grain sand Black, wet 56-57. Staining, slight odor well graded	
					36			58-60' Same as above tan wet, well-graded. No skin no odor	
					40			to 60' Abundant w/ Native + Bentonite	
					44				
					48				
8.16	Moist	1944	Grey	SBISR 48	48				
21.26		784.0	Black	SBISR 52	52				
1.8		1704	Grey	SBISR 54	54				
19.23		1566	Black	SBISR 56	56				
11.25		64.7		SBISR 58	58				
24.24		2162			60				
2.11		251.0	Non						

SBISR Redrilled to collect Confirmation Samples