

ATTACHMENT B

Borehole Logging Form

BK601
SITE NAME: Toedtli 1-10
CLIENT NAME: PDC ENERGY
Date Started: 9/14/2021

Location: 40.851038 -103.739836

Date Completed: Tasman

TOC Elevation: NA

DTW: ~~NA~~ NA

Type of Drill: Hand Auger

Geologist: Sam Anderson

Bit Size: 2 3/8"

Project Manager: Brock Nelson

Drilling Company: Tasman

Depth (feet)	Well Completion	Sample Type	% Recovery	PID (ppm)	Laboratory Sample	USCS	Description
1				0.0	BK601@1' 1133	SW	light brown, sand, part sorted, fine grained
2		HA	100%	0.0		SW	grained, dry, no odor
3				0.0	BK601@3' 1137		
4	x						↓ groundwater not encountered.
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Borehole Logging Form

BH01		SITE NAME: Toedtli 1-10		CLIENT NAME: PDC ENERGY	
Date Started: 9/14/2021		Location: 40.851038 -103.739836			
Date Completed: Tasman		TOC Elevation: NA		DTW: 34 NA	
Type of Drill: Hand Auger		Geologist: Sam Anderson			
Bit Size: 2 3/8"		Project Manager: Brock Nelson			

Drilling Company: Tasman

Depth (feet)	Well Completion	Sample Type	% Recovery	PID (ppm)	Laboratory Sample	USCS	Description
1	K			0.0	BH01@1' 1012	RSP	light tan, sand, well sorted, fine fine grained, dry, no HC odor.
2		HA	100%	0.1			
3				0.0	BH01@3' 1013		
4	K						↓ groundwater not encountered
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Borehole Logging Form

BH02	SITE NAME: Toedtli 1-10	CLIENT NAME: PDC ENERGY
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Date Started: 9/14/2021	Location: 40.851038 -103.739836	
Date Completed: Tasman	TOC Elevation: NA	DTW: 32 NA
Type of Drill: Hand Auger	Geologist: Sam Anderson	
Bit Size: 2 3/8"	Project Manager: Brock Nelson	

Drilling Company: Tasman

Depth (feet)	Well Completion	Sample Type	% Recovery	PID (ppm)	Laboratory Sample	USCS	Description
1				0.0	BH02 @ 1' 1015	SP	tan. Sand, well sorted, very fine grained dry, no HC odor.
2		HA	100%	0.0			
3				0.0	BH02 @ 3' 1018		
4	X						no granules encountered
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Borehole Logging Form

BH03		SITE NAME: Toedtli 1-10	CLIENT NAME: PDC ENERGY
Date Started: 9/14/2021		Location: 40.851038 -103.739836	
Date Completed: Tasman		TOC Elevation: NA	DTW: NA NA
Type of Drill: Hand Auger		Geologist: Sam Anderson	
Bit Size: 2 3/8"		Project Manager: Brock Nelson	

Drilling Company: Tasman

Depth (feet)	Well Completion	Sample Type	% Recovery	PID (ppm)	Laboratory Sample	USCS	Description
1	X			0.0	BH03 @ 1' 1040	SP	light tan, sand, well sorted fine grained clay, no HC odor.
2		HA	100%	0.0			
3				0.0	BH03 @ 3' 1043		
4							↓ groundwater not encountered
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Borehole Logging Form

BH04	SITE NAME: Toedtli 1-10	CLIENT NAME: PDC ENERGY
Date Started: 9/14/2021	Location: 40.851038 -103.739836	
Date Completed: Tasman	TOC Elevation: NA	DTW: NA NA
Type of Drill: Hand Auger	Geologist: Sam Anderson	
Bit Size: 2 3/8"	Project Manager: Brock Nelson	

Drilling Company:

Depth (feet)	Well Completion	Sample Type	% Recovery	PID (ppm)	Laboratory Sample	USCS	Description
1		↑	↑			SP	light tan, Sand, well sorted fine Fine grained, no moisture, no odor
2							
3							
4							
5		HA	100%			SP	Very hard Sandstone layer
6							
7				0.0	SB04 @ 7'	SP	brown, Sand, well sorted fine Fine grained dry, no HC odor
8				0.1	SB04 @ 8'		
9		↓	↓	0.1	SB04 @ 9'		
10	X				1118		Groundwater not encountered
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Borehole Logging Form

BH05	SITE NAME: Toedtli 1-10	CLIENT NAME: PDC ENERGY
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Date Started: 9/14/2021	Location: 40.851038 -103.739836
Date Completed: Tasman	TOC Elevation: NA DTW: 21 NA
Type of Drill: Hand Auger	Geologist: Sam Anderson
Bit Size: 2 3/8"	Project Manager: Brock Nelson

Drilling Company: Tasman

Depth (feet)	Well Completion	Sample Type	% Recovery	PID (ppm)	Laboratory Sample	USCS	Description
1	X					SP	light tan, sand, well sorted, fine fine grained, no moisture, no odor
2							
3							
4							
5						SP	very hard sandstone layer
6							
7				0.0	SB05@7' DB 1135	SP	brown, sand, well sorted, fine fine grained, dry, no HC odor.
8				0.0	SB05@8' 1136		
9				0.0	SB05@9' 1138		
10							groundwater not encountered
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Borehole Logging Form

BH07

SITE NAME: Toedtli 1-10

CLIENT NAME: PDC ENERGY

Date Started: 9/14/2021

Location: 40.851038 -103.739836

Date Completed: Tasman

TOC Elevation: NA

 DTW: ~~NA~~ NA

Type of Drill: Hand Auger

Geologist: Sam Anderson

Bit Size: 2 3/8"

Project Manager: Brock Nelson

Drilling Company: Tasman

Depth (feet)	Well Completion	Sample Type	% Recovery	PID (ppm)	Laboratory Sample	USCS	Description
1	x	HA	100%	0.0	BH07 @ 1' 1220	SP	light tan sand, well sorted fine fine grained, dry, no HC odor.
2				0.0			
3				0.0	BH07 @ 3' 1225		
4	x						groundwater not encountered
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Borehole Logging Form

BH08		SITE NAME: Toedtli 1-10	CLIENT NAME: PDC ENERGY
Date Started: 9/14/2021		Location: 40.851038 -103.739836	
Date Completed: Tasman		TOC Elevation: NA	DTW: 34 NA
Type of Drill: Hand Auger		Geologist: Sam Anderson	
Bit Size: 2 3/8"		Project Manager: Brock Nelson	

 Drilling Company: Tasman

Depth (feet)	Well Completion	Sample Type	% Recovery	PID (ppm)	Laboratory Sample	USCS	Description
1	x			0.2	BH08 @ 1' 1214	SP	brown, sand, well sorted sand fine grained dry, no H ₂ S odor.
2		HA	100%	0.0			
3				0.0	BH08 @ 3' 1215		
4							groundwater not encountered
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Borehole Logging Form

BH09
SITE NAME: Toedtli 1-10

CLIENT NAME: PDC ENERGY

Date Started: 9/14/2021

Location: 40.851038 -103.739836

Date Completed: Tasman

TOC Elevation: NA

DTW: ~~NA~~ NA

Type of Drill: Hand Auger

Geologist: Sam Anderson

Bit Size: 2 3/8"

Project Manager: Brock Nelson

Drilling Company: Tasman

Depth (feet)	Well Completion	Sample Type	% Recovery	PID (ppm)	Laboratory Sample	USCS	Description
1				0.0	BH09 @ 1' 1105	SP	light brown, sand, well sorted & fine grained, dry, no HC odor.
2		HA	100%	0.0			
3				0.0	BH09 @ 3' 1110		↓
4	X						groundwater not encountered
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Borehole Logging Form

BH10		SITE NAME: Toedtli 1-10		CLIENT NAME: PDC ENERGY	
Date Started: 9/14/2021		Location: 40.851038 -103.739836			
Date Completed: Tasman		TOC Elevation: NA		DTW: 30 N/A	
Type of Drill: Hand Auger		Geologist: Sam Anderson			
Bit Size: 2 3/8"		Project Manager: Brock Nelson			

 Drilling Company: Tasman

Depth (feet)	Well Completion	Sample Type	% Recovery	PID (ppm)	Laboratory Sample	USCS	Description
1				0.0	BH10 @ 1' 1232	SP	brown, sand, well sorted, some fine grained
2		HA	100%	0.0			dry, no HC odor.
3				0.0	BH10 @ 3' 1233		↓
4	X						groundwater not encountered
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Borehole Logging Form

BH 11		SITE NAME: Toedtli 1-10		CLIENT NAME: PDC ENERGY	
Date Started: 9/14/2021		Location: 40.851038 -103.739836			
Date Completed: Tasman		TOC Elevation: NA		DTW: 3A NA	
Type of Drill: Hand Auger		Geologist: Sam Anderson			
Bit Size: 2 3/8"		Project Manager: Brock Nelson			

Drilling Company: Tasman

Depth (feet)	Well Completion	Sample Type	% Recovery	PID (ppm)	Laboratory Sample	USCS	Description
1	HA			1.5	BH11@ 1' 1235	SP	light tan, well sorted, fine finegrained sand, dry, no HC obs.
2			100%	1.1			
3				2.3	BH11@ 3' 1239		
4	X						↓ groundwater not encountered
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Borehole Logging Form

BH12	SITE NAME: Toedtli 1-10	CLIENT NAME: PDC ENERGY
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Date Started: 9/14/2021	Location: 40.851038 -103.739836	
Date Completed: Tasman	TOC Elevation: NA	DTW: 3' NA
Type of Drill: Hand Auger	Geologist: Sam Anderson	
Bit Size: 2 3/8"	Project Manager: Brock Nelson	

Drilling Company: Tasman

Depth (feet)	Well Completion	Sample Type	% Recovery	PID (ppm)	Laboratory Sample	USCS	Description
1	X			0.1	BH12 @ 1' 1211	SP	light tan, Sand, well sorted, fine getting dry, no HC odor.
2		HA	100%	0.0			
3				0.4	BH12 @ 3' 1213		
4							↓ groundwater not encountered
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Borehole Logging Form

BH13		SITE NAME: Toedtli 1-10		CLIENT NAME: PDC ENERGY	
Date Started: 9/14/2021		Location: 40.851038 -103.739836			
Date Completed: Tasman		TOC Elevation: NA		DTW: NA NA	
Type of Drill: Hand Auger		Geologist: Sam Anderson			
Bit Size: 2 3/8"		Project Manager: Brock Nelson			

 Drilling Company: *Tasman*

Depth (feet)	Well Completion	Sample Type	% Recovery	PID (ppm)	Laboratory Sample	USCS	Description
1	<i>X</i>	<i>HA</i>	<i>100%</i>	<i>0.0</i>	<i>BH13 @ 1' 1233</i>	<i>SP</i>	<i>brown, sand, well sorted, fine grain, dry, no H₂S odor.</i>
2				<i>0.0</i>			
3				<i>0.0</i>	<i>BH13 @ 3' 1238</i>		
4	<i>X</i>						<i>groundwater not encountered</i>
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TASMAN
GEOSCIENCES

Borehole Logging Form

BH14		SITE NAME: Toedtli 1-10			CLIENT NAME: PDC ENERGY		
Date Started: 9/14/2021		Location: 40.851038 -103.739836					
Date Completed: Tasman		TOC Elevation: NA		DTW: 36 NA			
Type of Drill: Hand Auger		Geologist: Sam Anderson					
Bit Size: 2 3/8"		Project Manager: Brock Nelson					
Drilling Company: Tasman							
Depth (feet)	Well Completion	Sample Type	% Recovery	PID (ppm)	Laboratory Sample	USCS	Description
1	X			1.4	BH14 @ 1' 1255	SP	tan, sand, well sorted, fine fine grained, dry, no HC odor.
2		HA	100%	0.8			
3				1.3	BH14 @ 3' 1259		
4							↓ groundwater not encountered
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Borehole Logging Form

BH15		SITE NAME: Toedtli 1-10		CLIENT NAME: PDC ENERGY	
Date Started: 9/14/2021		Location: 40.851038 -103.739836			
Date Completed: Tasman		TOC Elevation: NA		DTW: NA NA	
Type of Drill: Hand Auger		Geologist: Sam Anderson			
Bit Size: 2 3/8"		Project Manager: Brock Nelson			

 Drilling Company: Tasman

Depth (feet)	Well Completion	Sample Type	% Recovery	PID (ppm)	Laboratory Sample	USCS	Description
1	K			0.0	BH15 @ 1' 1245	SP	tan, sand, well sorted, fine fine grained day, no HC det.
2		HA	100%	0.2			
3				0.0	BH15 @ 3' 1250		
4	K						grand water not encountered.
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Borehole Logging Form

BH 16		SITE NAME: Toedtli 1-10		CLIENT NAME: PDC ENERGY	
Date Started: 9/14/2021		Location: 40.851038 -103.739836			
Date Completed: Tasman		TOC Elevation: NA		DTW: NA NA	
Type of Drill: Hand Auger		Geologist: Sam Anderson			
Bit Size: 2 3/8"		Project Manager: Brock Nelson			

 Drilling Company: *Tasman*

Depth (feet)	Well Completion	Sample Type	% Recovery	PID (ppm)	Laboratory Sample	USCS	Description
1	x			0.4	BH16 @ 1' 1248	SP	tan sand, well sorted fine fine grained, clay, no HC obs.
2		HA	100%	0.0			
3				0.0	BH16 @ 3' 1249		↓
4	x						groundwater not encountered
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