

## **ATTACHMENT B**



<b>SITE NAME:</b> Wacker 10G-302 Wellhead							<b>DATE:</b> 7/18/2022	<b>REM. PROJECT #:</b>	<b>WEATHER:</b> 100 & sunny
<b>SITE DIRECTIONS:</b> From CR60 and 55.5 travel S.06 Mi, Turn West down dirt drive for approximately 2,000 ft							<b>CLIENT:</b> PDC		
<b>LEGALS AND LAT/LONG:</b> 40.416253, -104.543353							<b>TASMAN PERSONNEL:</b> David vigil		
<b>SOIL TYPES:</b> Clayey Sand							<b>SURFACE GRADIENT:</b> South		
<b>SOIL SAMPLING</b>							<b>FACILITY INFRASTRUCTURE</b>		
Date/Time	Soil Sample ID	PID (ppm)	Visual	Olfactory	Photo?	Grab or Lab Sample?	EQUIPMENT	Quantity	
							Above Ground Storage Tank (AST)		
7/18/2022 13:20	SB01 @ 0-6"	0.4	No Staining	No Odor	Yes	Lab	Buried or Partially Buried Vessel		
7/18/2022 13:40	SB02 @ 0-6"	0.0	No Staining	No Odor	Yes	Lab	Separator		
7/18/2022 13:55	SB03 @ 0-6"	0.0	No Staining	No Odor	Yes	Lab	Emission Control Device (ECD)		
7/18/2022 14:05	SB04 @ 0-6"	0.0	No Staining	No Odor	Yes	Lab	Dump Line		
7/18/2022 14:10	SB05 @ 0-6"	0.1	No Staining	No Odor	Yes	Lab	Wellhead	1	
7/18/2022 14:20	BKG01 @ 0-6"	0.0	No Staining	No Odor	Yes	Lab	Flowline		
7/18/2022 14:25	GS01 @ 0-6"	0.0	No Staining	No Odor	No	Grab	Other:		
7/18/2022 14:30	GS02 @ 0-6"	0.0	No Staining	No Odor	No	Grab	Soil Loads Removed		
							<b>IMPACTED SOIL IDENTIFIED?</b>		
							<b>ESTIMATED VOLUME OF IMPACTS:</b>		
							Date	Number	CY
							Total Removed	0	0
							<b>Disposal Facility:</b>		
							<b>Groundwater Recovery</b>		
							<b>DATE GW ENCOUNTERED:</b>	<b>DEPTH:</b>	
							<b>GROUNDWATER IN CONTACT WITH IMPACTED SOIL?</b>		
							<b>LNAPL OR SHEEN OBSERVED ON GW?</b>		
<b>GROUNDWATER SAMPLING</b>							Date	BBLs	
Date/Time	Groundwater Sample ID	Depth Collected	Turbid?	Sheen?	Odor?	Photo?			
							Total Removed	0	
							<b>Disposal Facility:</b>		



### Photographic Log



<b>Equipment ID:</b> Site overview		<b>Equipment Type:</b>	
<b>Material:</b>	<b>Volume:</b>	<b>Contents:</b>	
<b>Notes/Conditions:</b> Blue lines indicate estimated release extent. White arrow indicates direction of release/spray.			

<b>Equipment ID:</b> SB01		<b>Equipment Type:</b>	
<b>Material:</b>	<b>Volume:</b>	<b>Contents:</b>	
<b>Notes/Conditions:</b>			

Photographic Log



<b>Equipment ID:</b> SB02		<b>Equipment Type:</b>		<b>Equipment ID:</b> SB03		<b>Equipment Type:</b>	
<b>Material:</b>	<b>Volume:</b>	<b>Contents:</b>		<b>Material:</b>	<b>Volume:</b>	<b>Contents:</b>	
<b>Notes/Conditions:</b>				<b>Notes/Conditions:</b>			

Photographic Log



<b>Equipment ID:</b> SB04		<b>Equipment Type:</b>		<b>Equipment ID:</b> SB05		<b>Equipment Type:</b>	
<b>Material:</b>	<b>Volume:</b>	<b>Contents:</b>		<b>Material:</b>	<b>Volume:</b>	<b>Contents:</b>	
<b>Notes/Conditions:</b>				<b>Notes/Conditions:</b>			

**Photographic Log**


<b>Equipment ID:</b> <small>BKG01</small>		<b>Equipment Type:</b>		<b>Equipment ID:</b>		<b>Equipment Type:</b>	
<b>Material:</b>	<b>Volume:</b>	<b>Contents:</b>		<b>Material:</b>	<b>Volume:</b>	<b>Contents:</b>	
<b>Notes/Conditions:</b>				<b>Notes/Conditions:</b>			

## Attachment C



# TASMAN

## Borehole Logging Form

BOREHOLE ID: SBO1 : SITE NAME: Wacker 106-30 wellhead CLIENT NAME: PDC ENERGY

Date Completed: 9/21/22 Location: SW of excavation extent

Drilling Company: Tasman Surface Completion: NA DTW: NA TD: 1'

Type of Drill: HSA Geologist: San Anderson Project Manager: B.Nelson

Bit Size: 2 3/8" Logging Method:

Well Const. Material: Diameter: 1" Screen: Sch 40 PVC Slotted 0.010 Riser: Sch 40 PVC Blank

Depth (feet)	Well Completion	Sample Type	% Recovery	PID (ppm)	Laboratory Sample	USCS	Description
1	X	HA	100%	0.0	SBA 1' 1034	GW SC	0-6" = sandstone 1' = tan/grey, clayey sand, poorly sorted, fine-grained most, organic odor / no staining.
2							
3							*GW not encountered
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# TASMAN

## Borehole Logging Form

BOREHOLE ID: SB02      SITE NAME: Wacker 104-30 wellhead      CLIENT NAME: PDC ENERGY

Date Completed: 9/21/22      Location: South of excavation extent

Drilling Company: Tasman      Surface Completion: NA      DTW: NA      TD: 1'

Type of Drill: HSA      Geologist: San Anderson      Project Manager: B.Nelson

Bit Size: 2 3/8"      Logging Method:

Well Const. Material: Diameter: 1"      Screen: Sch 40 PVC Slotted 0.010      Riser: Sch 40 PVC Blank

Depth (feet)	Well Completion	Sample Type	% Recovery	PID (ppm)	Laboratory Sample	USCS	Description
1	X	HA	100%	0.0	SB02 c1' 1044	GW CL	0-6" = sandstone 1' = tan/grey sandy clay, poorly sorted, moderate plat. mat, no HK odor/staining.
2							
3							*Gravel/pebbles NOT encountered
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# TASMAN

## Borehole Logging Form

BOREHOLE ID: 5803 : SITE NAME: Wacker 106-300 wellhead CLIENT NAME: PDC ENERGY

Date Completed: 9/21/22 Location: west of excavation extent

Drilling Company: Tasman Surface Completion: NA DTW: NA TD: 1'

Type of Drill: HSA Geologist: San Anderson Project Manager: B.Nelson

Bit Size: 2 3/8" Logging Method:

Well Const. Material: Diameter: 1" Screen: Sch 40 PVC Slotted 0.010 Riser: Sch 40 PVC Blank

Depth (feet)	Well Completion	Sample Type	% Recovery	PID (ppm)	Laboratory Sample	USCS	Description
1	X	HA	100%	0.0	SR03 c 1' 1053	GW SC	0-6" = sand base 1' = brown/tan, clayey sand, poorly sorted, fine-medium moist, no silt/clay.
2							
3							* Groundwater not encountered.
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# TASMAN

## Borehole Logging Form

BOREHOLE ID: **SBO4** : SITE NAME: **Wacker 106-30 wellhead** CLIENT NAME: **PDC ENERGY**

Date Completed: **9/21/22** Location: **Northwest of excavation extent**

Drilling Company: **Tasman** Surface Completion: **NA** DTW: **NA** TD: **1'**

Type of Drill: **HSA** Geologist: **San Anderson** Project Manager: **B.Nelson**

Bit Size: **2 3/8"** Logging Method:

Well Const. Material: Diameter: **1"** Screen: **Sch 40 PVC Slotted 0.010** Riser: **Sch 40 PVC Blank**

Depth (feet)	Well Completion	Sample Type	% Recovery	PID (ppm)	Laboratory Sample	USCS	Description	
1	<b>X</b>	HA	100%	0.1	SBO4e 1' 1105	GW SL	0-6" = sandstone 0-1' = brown/tan, clayey sand, poorly sorted, fine-coarse grain, moist, no HC odor/sticky	
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# TASMAN

## Borehole Logging Form

BOREHOLE ID: **SB05**      SITE NAME: **Wacker 106-30 wellhead**      CLIENT NAME: **PDC ENERGY**

Date Completed: **9/21/22**      Location: **West excavation extent**

Drilling Company: **Tasman**      Surface Completion: **NA**      DTW: **NA**      TD: **1'**

Type of Drill: **HSA**      Geologist: **San Anderson**      Project Manager: **B.Nelson**

Bit Size: **2 3/8"**      Logging Method:

Well Const. Material: Diameter: **1"**      Screen: **Sch 40 PVC Slotted 0.010**      Riser: **Sch 40 PVC Blank**

Depth (feet)	Well Completion	Sample Type	% Recovery	PID (ppm)	Laboratory Sample	USCS	Description
1	X	HA	100%	0.0	SB05.P1 1120	GW SC	0.6" = sandbase 1' = tan/grey, sandy clay, poorly sorted, moderate plasticity, moist, no color staining.
2							
3							* groundwater not encountered.
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# TASMAN

## Borehole Logging Form

BOREHOLE ID: SB06 : SITE NAME: Wacker 106-300 wellhead CLIENT NAME: PDC ENERGY

Date Completed: 9/21/22 Location: South east of excavation

Drilling Company: Tasman Surface Completion: NA DTW: NA TD: 0-6"

Type of Drill: HSA Geologist: San Anderson Project Manager: B.Nelson

Bit Size: 2 3/8" Logging Method:

Well Const. Material: Diameter: 1" Screen: Sch 40 PVC Slotted 0.010 Riser: Sch 40 PVC Blank

Depth (feet)	Well Completion	Sample Type	% Recovery	PID (ppm)	Laboratory Sample	USCS	Description
1	X	HA	100%	0.0	SB06-06" 433	SC	6" = brown, clayey sand well sorted, fine grain, moist, organic odor.
2							
3							* Groundwater not encountered.
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# TASMAN

## Borehole Logging Form

BOREHOLE ID: SB07 : SITE NAME: Wacker 104-302 wellhead CLIENT NAME: PDC ENERGY

Date Completed: 9/21/22 Location: East of excavation

Drilling Company: Tasman Surface Completion: NA DTW: NA TD: 0-6"

Type of Drill: HSA Geologist: San Anderson Project Manager: B.Nelson

Bit Size: 2 3/8" Logging Method:

Well Const. Material: Diameter: 1" Screen: Sch 40 PVC Slotted 0.010 Riser: Sch 40 PVC Blank

Depth (feet)	Well Completion	Sample Type	% Recovery	PID (ppm)	Laboratory Sample	USCS	Description
1	X	NA	100%	0.1	<del>SB07</del> 1140	SC	0-6" = brown, clay sand, well sorted, fine grain moist, organic odor / no staining.
2							
3							*Groundwater not encountered
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# TASMAN

## Borehole Logging Form

BOREHOLE ID: <b>SB08</b>	SITE NAME: <b>Wacker 106-300 wellhead</b>	CLIENT NAME: <b>PDC ENERGY</b>
Date Completed: <b>9/21/22</b>	Location: <b>Northeast of excavation</b>	
Drilling Company: <b>Tasman</b>	Surface Completion: <b>NA</b>	DTW: <b>NA</b> TD: <b>0-6"</b>
Type of Drill: <b>HSA</b>	Geologist: <b>San Anderson</b>	Project Manager: <b>B. Nelson</b>
Bit Size: <b>2 3/8"</b>	Logging Method:	

Well Const. Material: Diameter: 1" Screen: Sch 40 PVC Slotted 0.010 Riser: Sch 40 PVC Blank

Depth (feet)	Well Completion	Sample Type	% Recovery	PID (ppm)	Laboratory Sample	USCS	Description
1	X	HA	100%	0.0	SB0820-6" 199	SC	0-6" = Brown/gray, clayey sand, well sorted, fine grain, moist, organic at 1/NO staining.
2							* Gas hydrate not encountered.
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