

Attachment B

Former Witwer 44-6D Wellhead

**TASMAN****Borehole Logging Form**BOREHOLE ID: SB01SITE NAME: Witwer 44-60 WHCLIENT NAME: PDC ENERGYDate Completed: 8/2/22Location: SouthernDrilling Company: Tasman

Surface Completion:

DTW: NA TD: 8'Type of Drill: HAGeologist: E. WozniakProject Manager: B. NelsonBit Size: 2 3/8"

Logging Method:

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

Depth (feet)	Well Completion	Sample Type	% Recovery	PID (ppm)	Laboratory Sample	USCS	Description
1	NA	↑	↑	0.6	SB01(9)	SM	(0-3') Light brown silty sand, fine to medium grain, poorly sorted, dry, no odor - trace gravel
2		↑	↑	0.2	2.5' (9.20)		
3		↑	↑	0.3	SB01(9)		
4		HA	100	0.0	4' (9.40)	SL	(3'-8') Tan clayey sand, fine to coarse grain, poorly sorted, moist, no odor - trace gravel
5		↓	↓	0.2	5' (9.45)		
6		↓	↓	0.3	SB01(9)		
7		↓	↓	0.2	6' (9.50)		
8		↓	↓	0.4	7' (10.00)		
9					8' (10.05)		No recovery after 8' due to a cemented layer of sand
10							Groundwater not encountered
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							
21							
22							
23							
24							
25							

**TASMAN****Borehole Logging Form**

BOREHOLE ID: <u>SB02</u>		SITE NAME: <u>Witwer 44-60 WH</u>		CLIENT NAME: <u>PDC ENERGY</u>			
Date Completed: <u>8/2/22</u>		Location: <u>N of source</u>					
Drilling Company: <u>Tasman</u>		Surface Completion: <u>NA</u>		DTW: <u>NA</u> TD: <u>8'</u>			
Type of Drill: <u>HA</u>		Geologist: <u>P. Wozniak</u>		Project Manager: <u>B. Nelson</u>			
Bit Size: <u>2 3/8"</u>		Logging Method:					
Well Const. Material: Diameter: <u>1"</u> Screen: <u>Sch 40 PVC Slotted 0.010</u> Riser: <u>Sch 40 PVC Blank</u>							
Depth (feet)	Well Completion	Sample Type	% Recovery	PID (ppm)	Laboratory Sample	USCS	Description
1	↑ NA ↓	↑	↑	0.2	SB02@	SM	(0-3') Light brown, silty sand, fine to medium grain, poorly sorted, dry, no odor - trace gravel
2				0.0	2.5'		
3				0.0	925		
4		HA	100	0.0		SP	(3'-6') Tan sand, fine grain, well sorted, dry, no odor - trace gravel
5				0.1	SB02@4'		
6				0.0	(930)		
7				0.0	SB02@5'		
8				0.0	(935)		
9				0.0	SB02@6' SW		(6'-8') tan sand, fine to coarse grain, poorly sorted, moist, no odor - trace gravel
10				0.0	SB02@7'		
11				0.0	(947)		
12				0.0	SB02@8'		
13					(950)		No recovery after 8' due to a cemented layer of sand
14							Groundwater not encountered
15							
16							
17							
18							
19							
20							
21							
22							
23							
24							
25							

**TASMAN****Borehole Logging Form**BOREHOLE ID: SB03 SITE NAME: Witwer 44-6DWH CLIENT NAME: PDC ENERGYDate Completed: 8/2/22 Location: W of sourceDrilling Company: Tasman Surface Completion: NA DTW: NA TD: 8'Type of Drill: Hand Auger Geologist: E. Wozniak Project Manager: B. NelsonBit 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	NA	↑	↑	0.8		SM	(0'-4') tan, silty sand, fine to med um grain, poorly sorted, dry, no odor - trace gravel
2		↑	↑	0.1	SB03@2' (1155)		
3		↑	↑	0.1			
4		HA	100	0.0	SB03@4' (1200)		
5		↓	↓	0.0	SB03@5' (1205)	SC	(4'-6') tan, clayey sand, fine to coarse grain, poorly sorted, moist, no odor
6		↓	↓	0.0	SB03@6' (1210)		- trace gravel
7		↓	↓	0.2	SB03@7' (1215)	SW	(6'-8') tan, sand, fine to coarse grain, poorly sorted, moist, no odor
8		↓	↓	0.0	SB03@8' (1220)		
9							No recovery after 8' due to cemented layer of sand
10							
11							Groundwater not encountered
12							
13							
14							
15							
16							
17							
18							
19							
20							
21							
22							
23							
24							
25							

**TASMAN****Borehole Logging Form**BOREHOLE ID: SB04SITE NAME: Witwer 44-6D WHCLIENT NAME: PDC ENERGYDate Completed: 8/2/22Location: 5 of sourceDrilling Company: Tasman

Surface Completion:

DTW: NA TD: 8'Type of Drill: H4Geologist: E. WozniakProject Manager: B. NelsonBit Size: 2 3/8"

Logging Method:

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

Depth (feet)	Well Completion	Sample Type	% Recovery	PID (ppm)	Laboratory Sample	USCS	Description
1	NA	↑	↑	0.6	SB04 @ 1'	SM	10-20' tan, silty sand, fine to medium grain, poorly sorted, dry, no odor
2		↑	↑	0.6	2-5' (1055)		- trace gravel
3		↑	↑	0.0	SB04 @ 3'	SC	12-41' tan, clayey sand, fine to coarse grain, poorly sorted, dry, no odor
4		↑	↑	0.0	4' (1100)		- trace gravel
5		↑	↑	0.0	SB04 @ 5'	SW	(4'-8') tan, sand, fine to coarse grain, poorly sorted, moist
6		↑	↑	0.3	SB04 @ 6'		- trace gravel
7		↑	↑	0.5	SB04 @ 7'		
8		↑	↑	0.0	SB04 @ 8'		
9					(1120)		No recovery after 8' due to a cemented layer of sand
10							
11							groundwater not encountered
12							
13							
14							
15							
16							
17							
18							
19							
20							
21							
22							
23							
24							
25							

**TASMAN****Borehole Logging Form**BOREHOLE ID: SB05SITE NAME: Witwer 44-60 WHCLIENT NAME: PDC ENERGYDate Completed: 8/2/22Location: E of sourceDrilling Company: tasmanSurface Completion: NADTW: NA TD: 81Type of Drill: #4Geologist: E. WozniakProject Manager: B. NelsonBit Size: 2 3/8"

Logging Method:

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

Depth (feet)	Well Completion	Sample Type	% Recovery	PID (ppm)	Laboratory Sample	USCS	Description
1	NA	↑	↑	0.1		SM	(0-3') Tan, silty sand, fine to medium grain, poorly sorted, dry, no odor
2		↑	↑	0.0	SB05@25 1025		- trace gravel
3		↑	↑	0.0			
4		HA	100	0.1		SW	(3'-5') Tan, sand, fine to medium grain, poorly sorted, moist, no odor
5		↓	↓	0.0	SB05@41 1030		- trace gravel
6		↓	↓	0.1	SB05@51 1035	SW	(5'-8') Tan, sand, fine to coarse grain, poorly sorted, moist, no odor
7		↓	↓	0.0	SB05@61 1040		- trace gravel
8		↓	↓	0.0	SB05@71 1045		
9					SB05@81 1050		No recovery after 8' due to a cemented layer of sand
10							groundwater not encountered
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							
21							
22							
23							
24							
25							