

Attachment B

Former Witwer 34, 44-6D Tank Battery



TASMAN

Borehole Logging Form

BOREHOLE ID: <u>BK602</u>		SITE NAME: <u>Witwer 34, 44-6D</u> <u>43-6+TB</u>		CLIENT NAME: <u>PDC ENERGY</u>	
Date Completed: <u>8/2/22</u>		Location: <u>N of extent</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	↑	↑	0.1	BK602	SM	(0-6') tan, silty sand, fine to medium grain, poorly sorted, dry, no odor - trace gravel
2				0.5	(2-5')		
3				0.0			
4		HA	100	0.0	BK602		
5				0.2	(4')		
6				0.0	(1245)		
7				0.1	BK602	SW	(6'-8') tan sand, fine to medium grain, poorly sorted, moist, no odor - trace gravel
8				0.0	(8')		
9				(1255)		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: BK603 SITE NAME: Witwer 34, 44-60, 113-6, TR CLIENT NAME: PDC ENERGY





Date Completed: 8/2/22 Location: N of extent

Drilling Company: Tasman Surface Completion: NA DTW: NA TD: 8'

Type of Drill: HA Geologist: E. Wozniak 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	 NA 	 #A		0.2		SM	(0-7') tan silty sand, fine to medium grain, poorly sorted, dry, no odor
2				0.0	BK603, @ 2-5' 1225		- trace gravel
3				0.1			
4			100	0.0	BK603 @ 4' 1230		
5				0.0			
6				0.1	BK603 @ 6' 1235		
7				0.5			
8				0.3	BK603 @ 8' 1240	SW	(7'-8') tan sand, fine to medium grain, poorly sorted, moist, no odor
9							
10							No recovery after 8' due to cemented layer of sand
11							
12							Groundwater not encountered
13							
14							
15							
16							
17							
18							
19							
20							
21							
22							
23							
24							
25							

**TASMAN****Borehole Logging Form**BOREHOLE ID: BK604 SITE NAME: Witwer 34,44-6D CLIENT NAME: PDC ENERGYDate Completed: 8/2/22 Location: EE of extentDrilling Company: Tasman Surface Completion: NA DTW: NA TD: 8'Type of Drill: HA 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	↑ HA ↓	↑	↑	0.2	BK604	SM	(0-3') tan, silty sand, small to medium grain, poorly sorted, dry, no odor
2		↑	↑	0.1	(a) 2.5		- trace gravel
3		↑	↑	0.0	1300		
4		HA	100	0.0	BK604 (a) 4.1		
5	↓	↓	↓	0.0	1305	SW	(4'-8') tan sand, small to coarse grain, poorly sorted, moist, no odor
6		↓	↓	0.0	(a) 6.1		- trace gravel
7		↓	↓	0.6	1310		
8		↓	↓	0.0	BK604 (a) 8.1		
9					1315		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: BKG05 SITE NAME: Witwer 34,44-6D CLIENT NAME: PDC ENERGY
43-6 TB

Date Completed: 8/2/22 Location: SE of extent

Drilling Company: Tasman Surface Completion: NA DTW: NA TD: 8'

Type of Drill: H4 Geologist: E. Wozniak 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	NA	↑	↑	0.5		SM	(0-2') Tan, silty sand, fine to medium grain, poorly sorted, dry, no odor - trace gravel
2		↑	↑	0.2	BKG05 @ 2.5' (1330)		(2'-4') Tan, sand, fine to coarse grain, poorly sorted, dry, no odor
3		↑	↑	0.0	BKG05 @ 4' (1335)	SW	(4'-8') Same as above, in oil +
4		HA	100	0.1	BKG05 @ 6' (1340)		
5		↓	↓	0.6	BKG05 @ 6' (1340)		
6		↓	↓	0.1	BKG05 @ 8' (1345)		
7		↓	↓	0.2			
8		↓	↓	0.1			
9							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							



Borehole Logging Form

BOREHOLE ID: BKG06 SITE NAME: Witwer 34, 44-60 CLIENT NAME: PDC ENERGY
Date Completed: 8/2/22 Location: SE of extent
Drilling Company: Tasman Surface Completion: NA DTW: NA TD: 8'
Type of Drill: HA Geologist: E. Wozniak 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	NA	↑	↑	0.3		SW	(0-4') Tan sand fine to coarse grain, poorly sorted, dry, no odor
2		↑	↑	0.2	BKG06 @ 2.5'		1-1/2" vase gravel
3		↑	↑	0.1	1350		
4		HA	100%	0.0	BKG06 @ 4'		
5		↓	↓	0.0	1355	SW	(4'-8') Same as above, moist
6		↓	↓	0.0	BKG06 @ 6'		
7		↓	↓	0.0	1400		
8		↓	↓	0.0	BKG06 @ 8'		
9					140.5		No recovery after 8' due to a hard cemented layer of sand
10							
11							Groundwater not encountered
12							
13							
14							
15							
16							
17							
18							
19							
20							
21							
22							
23							
24							
25							