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Westlake US 2, LLC (W1039)

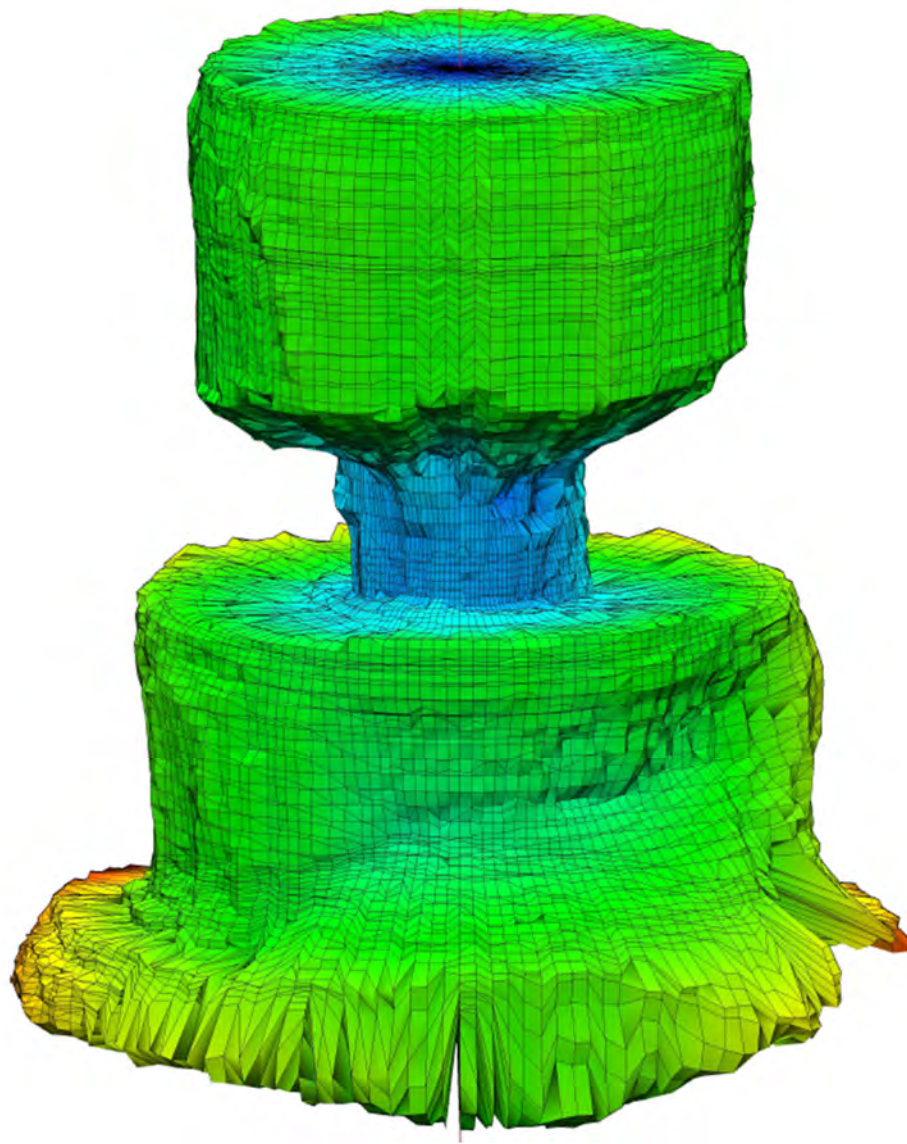
PPG No. 007B

Sulphur Mines (8759)

Calcasieu Parish, Louisiana

April 22, 2025

Through Pipe Sonar Survey



Survey Conducted by: Richard Lawrence
Company Representative: Mr. Mike Zaunbrecher
Mike.Zaunbrecher@lonquist.com 713-559-9950

Serving the Storage Well Industry Since 1978



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Well Information

Company: Westlake US 2, LLC (W1039)
 Well Name: PPG No. 007B
 Field: Sulphur Mines (8759)
 State: Louisiana
 Parish: Calcasieu
 API No.: 17-019-04012
 Serial No.: 67270

Cemented Casing: 7-5/8 in. @ 2501 ft.
 Hanging String: 5-1/2 in. @ 2607 ft.
 Total Depth: 3097.3 ft.

Permanent Datum: B.H.F.
 Depth Correction: 0 ft.

Total Volume BBL: 9,794,601.89
 Total Volume Ft³: 54,992,608.53

Sonar Tool Orientation:

Sonar tool serial number SON-073-054 magnetic compass calibration performed on July 16, 2024.

The sonar survey was run using the fiber optic gyro compass which was set to the internal magnetic compass at the depth of 2650 feet. The orientation was checked on the surface after the survey to verify the orientation.

Operation No. 1 – Sonic Surveys / Flodim – 2022.03.11 – Through Pipe Sonar Survey
 Operation No. 2 – Sonic Surveys / Flodim – 2022.11.02 – Through Pipe Sonar Survey
 Operation No. 3 – Sonic Surveys / Flodim – 2023.01.11 – Through Pipe Sonar Survey
 Orientation correction of -3° was made in November 2024 to align with the cavern
 Operation No. 4 – Sonic Surveys / Flodim – 2023.02.01 – Through Pipe Sonar Survey
 Orientation correction of -3° was made in November 2024 to align with the cavern
 Operation No. 5 – Sonic Surveys / Flodim – 2023.03.16 – Through Pipe Sonar Survey
 Operation No. 6 – Sonic Surveys / Flodim – 2023.07.26 – Through Pipe Sonar Survey
 Operation No. 7 – Sonic Surveys / Flodim – 2023.11.02 – Through Pipe Sonar Survey
 Operation No. 8 – Sonic Surveys / Flodim – 2024.04.15 – Through Pipe Sonar Survey
 Operation No. 9 – Sonic Surveys / Flodim – 2024.07.08 – Through Pipe Sonar Survey
 Operation No. 10 – Sonic Surveys / Flodim – 2025.01.07 – Through Pipe Sonar Survey
 Operation No. 11 – Sonic Surveys / Flodim – 2025.04.22 – Through Pipe Sonar Survey



List of Acquired Measurements

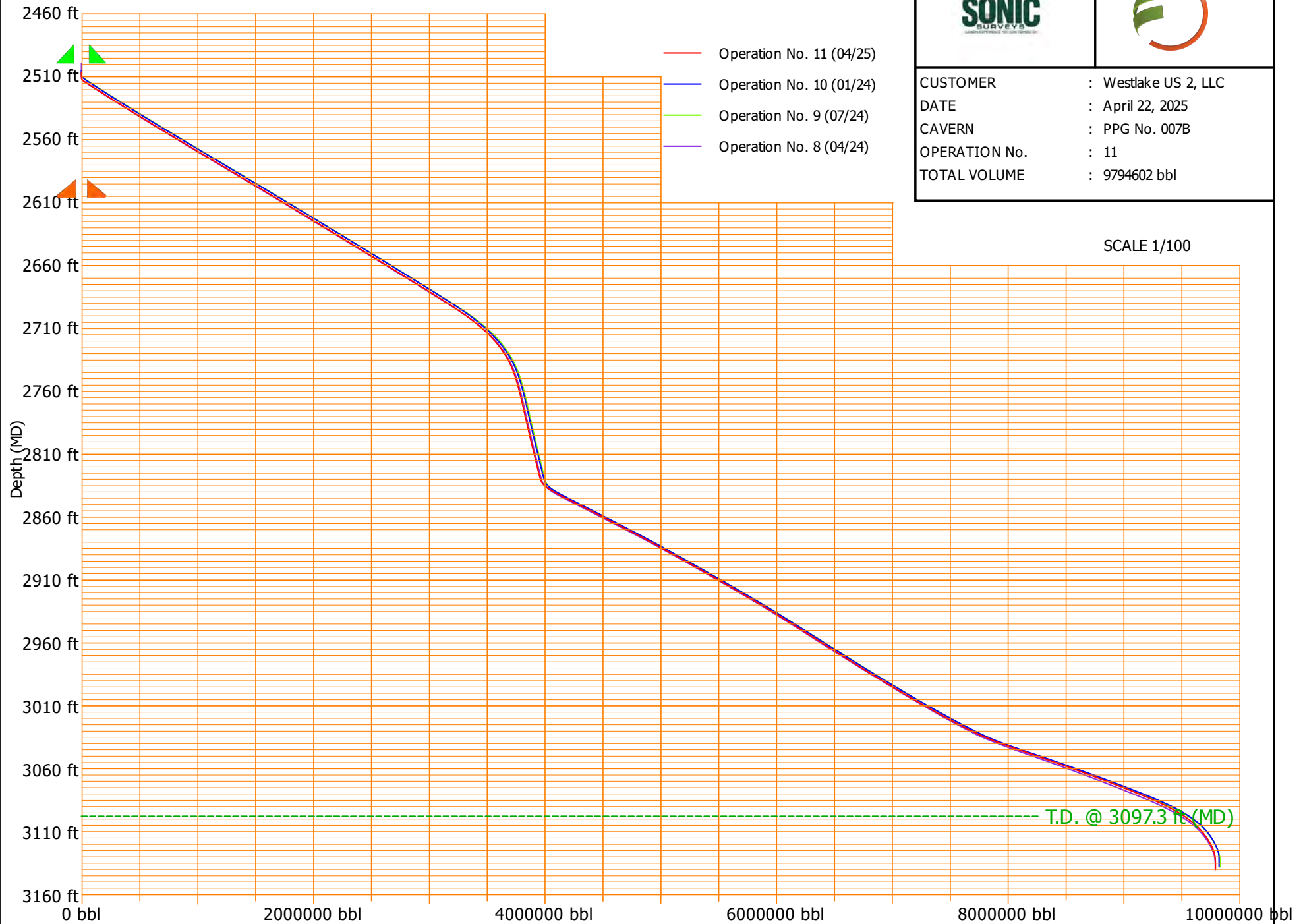
Sonar survey from 2501 ft. to 3095 ft.

- Oriented circular horizontal sections from 2501 ft to 2502 ft, with a step of 1 foot.
- Oriented circular horizontal sections from 2502 ft to 2505 ft, with a step of 3 feet.
- Oriented circular horizontal sections from 2505 ft to 2510 ft, with a step of 5 feet.
- Oriented circular horizontal sections from 2510 ft to 2520 ft, with a step of 2 feet.
- Oriented circular horizontal sections from 2520 ft to 2600 ft, with a step of 10 feet.
- Oriented circular horizontal sections from 2600 ft to 2640 ft, with a step of 5 feet.
- Oriented circular horizontal sections from 2640 ft to 2800 ft, with a step of 10 feet.
- Oriented circular horizontal sections from 2800 ft to 2870 ft, with a step of 5 feet.
- Oriented circular horizontal sections from 2870 ft to 3000 ft, with a step of 10 feet.
- Oriented circular horizontal sections from 3000 ft to 3095 ft, with a step of 5 feet.
- Up-tilted oriented circular sections from 2615 ft with a tilt of 5°, 10°, 15°, 20°, 25°, 30°, 35°, 40°, 45°, 50°, 55°, 60°, 65°, 70°, 75°, 80°, 85°, 89° with respect to the horizontal.
- Down-tilted oriented circular sections from 2615 ft with a tilt of -60°, -55°, -50°, -45°, -40°, -35°, -30°, -25°, -20°, -15° with respect to the horizontal.
- Down-tilted oriented circular sections from 2900 ft with a tilt of -63°, -60°, -57°, -54°, -51°, -48°, -45°, -42°, -39°, -36°, -35°, -34°, -33°, -32°, -31°, -30°, -29°, -28°, -27° with respect to the horizontal.
- Up-tilted oriented circular sections from 2920 ft with a tilt of 10°, 15°, 18°, 21°, 24°, 25°, 30°, 35°, 40°, 45°, 50°, 55°, 60°, 65°, 70°, 75°, 80°, 85° with respect to the horizontal.
- Down-tilted oriented circular sections from 3035 ft with a tilt of -87°, -84°, -81°, -78°, -75°, -72°, -69°, -66°, -63°, -60°, -57°, -54°, -51°, -48°, -45°, -42°, -39°, -36°, -33°, -30°, -27°, -24°, -21°, -18°, -15°, -12°, -9°, -6°, -5°, -4°, -3°, -2° with respect to the horizontal.
- Up-tilted oriented circular sections from 3080 ft with a tilt of 3°, 6°, 9°, 10°, 11°, 12°, 15°, 18°, 21°, 24°, 27°, 30°, 33°, 36°, 39°, 42°, 45°, 48°, 51°, 54°, 57°, 60° with respect to the horizontal.
- Complimentary measurement to determine the cavity floor depth.

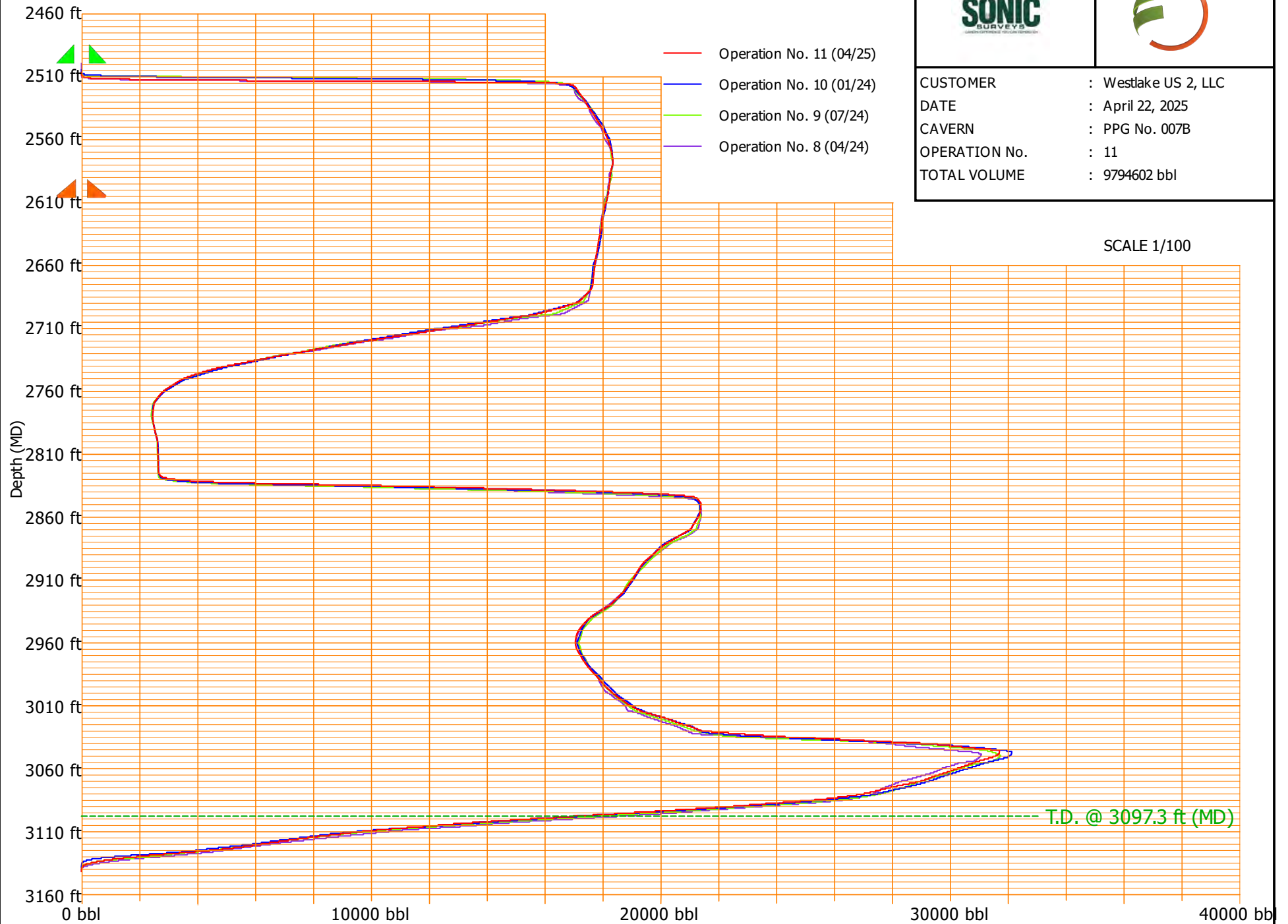
TOTAL VOLUME (bbl) VERSUS DEPTH (ft)**SONIC**
SURVEYS

CUSTOMER	: Westlake US 2, LLC
DATE	: April 22, 2025
CAVERN	: PPG No. 007B
OPERATION No.	: 11
TOTAL VOLUME	: 9794602 bbl

SCALE 1/100



PARTIAL VOLUME (bbl) VERSUS DEPTH EACH 1 ft



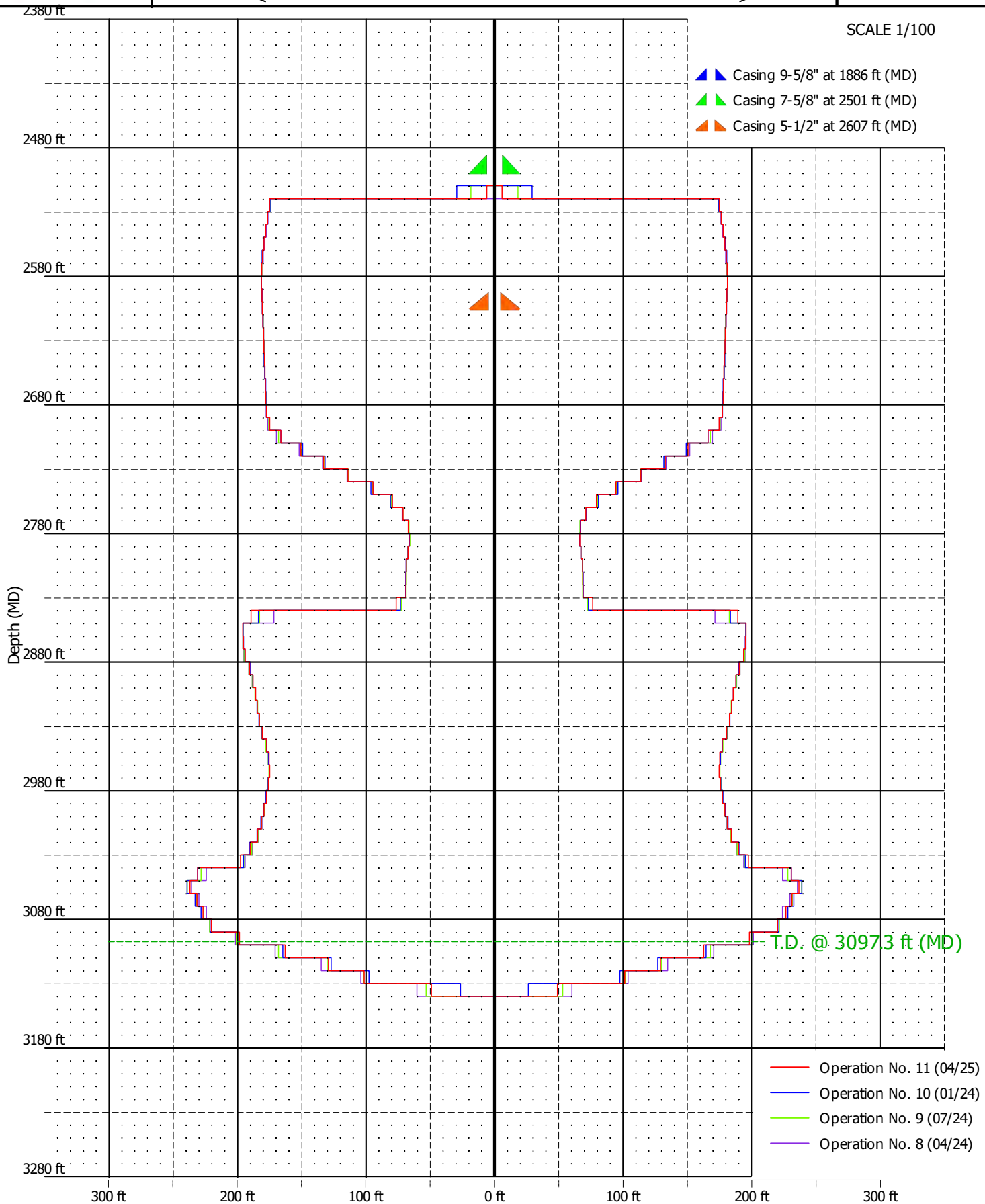


CUSTOMER : Westlake US 2, LLC

DATE : April 22, 2025

CAVERN : PPG No. 007B

OPERATION No. : 11

**MEAN RADIUS**

		CUSTOMER : Westlake US 2, LLC				CAVERN : PPG No. 007B					
		DATE : April 22, 2025				OPERATION No. : 11					
		MAIN CHARACTERISTICS DATASHEET									
Depth	Cumulated Volume	Volume Section	Section Area	Mean Radius	Mean Diameter	Min Radius	Max Radius	Max Radius Orientation	Min Diameter	Max Diameter	Max Diam. Orientation
(ft)	(bbl)	(bbl)	(ft²)	(ft)	(ft)	(ft)	(ft)	(°)	(ft)	(ft)	(°)
2545.00	541721.11	17803.13	-	-	-	-	-	-	-	-	-
2546.00	559551.04	17829.92	-	-	-	-	-	-	-	-	-
2547.00	577407.94	17856.90	-	-	-	-	-	-	-	-	-
2548.00	595291.81	17883.87	-	-	-	-	-	-	-	-	-
2549.00	613203.69	17911.89	-	-	-	-	-	-	-	-	-
2550.00	631145.30	17941.61	100778.45	179.11	358.21	156.13	217.77	162.00	327.44	391.57	162.00
2551.00	649115.87	17970.57	-	-	-	-	-	-	-	-	-
2552.00	667113.82	17997.95	-	-	-	-	-	-	-	-	-
2553.00	685137.51	18023.69	-	-	-	-	-	-	-	-	-
2554.00	703185.38	18047.87	-	-	-	-	-	-	-	-	-
2555.00	721255.68	18070.30	-	-	-	-	-	-	-	-	-
2556.00	739346.91	18091.23	-	-	-	-	-	-	-	-	-
2557.00	757458.98	18112.08	-	-	-	-	-	-	-	-	-
2558.00	775591.71	18132.73	-	-	-	-	-	-	-	-	-
2559.00	793744.53	18152.82	-	-	-	-	-	-	-	-	-
2560.00	811913.38	18168.85	102039.61	180.22	360.45	157.65	219.11	165.00	328.98	394.66	168.00
2561.00	830097.49	18184.10	-	-	-	-	-	-	-	-	-
2562.00	848297.20	18199.72	-	-	-	-	-	-	-	-	-
2563.00	866512.06	18214.85	-	-	-	-	-	-	-	-	-
2564.00	884741.91	18229.85	-	-	-	-	-	-	-	-	-
2565.00	902987.07	18245.17	-	-	-	-	-	-	-	-	-
2566.00	921247.28	18260.21	-	-	-	-	-	-	-	-	-
2567.00	939521.34	18274.06	-	-	-	-	-	-	-	-	-
2568.00	957807.52	18286.18	-	-	-	-	-	-	-	-	-
2569.00	976105.45	18297.93	-	-	-	-	-	-	-	-	-
2570.00	994414.74	18309.29	102794.89	180.89	361.78	156.94	221.82	165.00	328.23	396.53	165.00
2571.00	1012731.09	18316.35	-	-	-	-	-	-	-	-	-
2572.00	1031053.31	18322.22	-	-	-	-	-	-	-	-	-
2573.00	1049382.44	18329.12	-	-	-	-	-	-	-	-	-
2574.00	1067718.92	18336.48	-	-	-	-	-	-	-	-	-
2575.00	1086062.61	18343.69	-	-	-	-	-	-	-	-	-
2576.00	1104412.01	18349.39	-	-	-	-	-	-	-	-	-
2577.00	1122765.83	18353.82	-	-	-	-	-	-	-	-	-
2578.00	1141123.66	18357.83	-	-	-	-	-	-	-	-	-
2579.00	1159484.91	18361.25	-	-	-	-	-	-	-	-	-
2580.00	1177839.51	18354.61	103043.28	181.11	362.21	156.04	222.07	165.00	326.61	397.49	159.00

		CUSTOMER : Westlake US 2, LLC				CAVERN : PPG No. 007B					
		DATE : April 22, 2025				OPERATION No. : 11					
MAIN CHARACTERISTICS DATASHEET											
Depth	Cumulated Volume	Volume Section	Section Area	Mean Radius	Mean Diameter	Min Radius	Max Radius	Max Radius Orientation	Min Diameter	Max Diameter	Max Diam. Orientation
(ft)	(bbl)	(bbl)	(ft²)	(ft)	(ft)	(ft)	(ft)	(°)	(ft)	(ft)	(°)
2617.00	1851501.55	18050.36	-	-	-	-	-	-	-	-	-
2618.00	1869541.60	18040.05	-	-	-	-	-	-	-	-	-
2619.00	1887570.50	18028.90	-	-	-	-	-	-	-	-	-
2620.00	1905588.89	18018.40	101158.06	179.44	358.88	153.49	220.30	162.00	323.98	392.28	162.00
2621.00	1923597.40	18008.51	-	-	-	-	-	-	-	-	-
2622.00	1941596.07	17998.67	-	-	-	-	-	-	-	-	-
2623.00	1959584.95	17988.88	-	-	-	-	-	-	-	-	-
2624.00	1977564.09	17979.15	-	-	-	-	-	-	-	-	-
2625.00	1995539.73	17975.64	-	-	-	-	-	-	-	-	-
2626.00	2013515.24	17975.51	-	-	-	-	-	-	-	-	-
2627.00	2031490.85	17975.61	-	-	-	-	-	-	-	-	-
2628.00	2049466.81	17975.95	-	-	-	-	-	-	-	-	-
2629.00	2067443.34	17976.53	-	-	-	-	-	-	-	-	-
2630.00	2085414.46	17971.12	100884.55	179.20	358.40	153.40	220.30	162.00	323.77	392.57	162.00
2631.00	2103375.91	17961.45	-	-	-	-	-	-	-	-	-
2632.00	2121327.96	17952.05	-	-	-	-	-	-	-	-	-
2633.00	2139270.88	17942.92	-	-	-	-	-	-	-	-	-
2634.00	2157204.93	17934.05	-	-	-	-	-	-	-	-	-
2635.00	2175127.83	17922.90	-	-	-	-	-	-	-	-	-
2636.00	2193038.79	17910.96	-	-	-	-	-	-	-	-	-
2637.00	2210937.93	17899.14	-	-	-	-	-	-	-	-	-
2638.00	2228825.35	17887.43	-	-	-	-	-	-	-	-	-
2639.00	2246701.19	17875.84	-	-	-	-	-	-	-	-	-
2640.00	2264569.05	17867.86	100316.78	178.69	357.39	152.93	219.70	162.00	323.65	391.63	162.00
2641.00	2282431.24	17862.19	-	-	-	-	-	-	-	-	-
2642.00	2300287.55	17856.31	-	-	-	-	-	-	-	-	-
2643.00	2318137.78	17850.23	-	-	-	-	-	-	-	-	-
2644.00	2335981.73	17843.95	-	-	-	-	-	-	-	-	-
2645.00	2353819.19	17837.46	-	-	-	-	-	-	-	-	-
2646.00	2371649.96	17830.77	-	-	-	-	-	-	-	-	-
2647.00	2389473.82	17823.87	-	-	-	-	-	-	-	-	-
2648.00	2407290.59	17816.76	-	-	-	-	-	-	-	-	-
2649.00	2425100.04	17809.46	-	-	-	-	-	-	-	-	-
2650.00	2442901.59	17801.55	99922.95	178.34	356.69	152.73	219.20	162.00	322.86	390.90	162.00
2651.00	2460695.07	17793.48	-	-	-	-	-	-	-	-	-
2652.00	2478480.58	17785.51	-	-	-	-	-	-	-	-	-

		CUSTOMER : Westlake US 2, LLC					CAVERN : PPG No. 007B			7		
		DATE : April 22, 2025					OPERATION No. : 11					
		MAIN CHARACTERISTICS DATASHEET										
Depth	Cumulated Volume	Volume Section	Section Area	Mean Radius	Mean Diameter	Min Radius	Max Radius	Max Radius Orientation	Min Diameter	Max Diameter	Max Diam. Orientation	
(ft)	(bbl)	(bbl)	(ft²)	(ft)	(ft)	(ft)	(ft)	(°)	(ft)	(ft)	(°)	
2725.00	3607763.02	8627.08	-	-	-	-	-	-	-	-	-	
2726.00	3616130.61	8367.60	-	-	-	-	-	-	-	-	-	
2727.00	3624241.27	8110.65	-	-	-	-	-	-	-	-	-	
2728.00	3632106.37	7865.10	-	-	-	-	-	-	-	-	-	
2729.00	3639722.48	7616.11	-	-	-	-	-	-	-	-	-	
2730.00	3647053.11	7330.64	40695.19	113.81	227.63	81.39	149.30	189.00	186.43	254.33	168.00	
2731.00	3654132.25	7079.13	-	-	-	-	-	-	-	-	-	
2732.00	3660980.51	6848.26	-	-	-	-	-	-	-	-	-	
2733.00	3667605.44	6624.93	-	-	-	-	-	-	-	-	-	
2734.00	3674006.19	6400.75	-	-	-	-	-	-	-	-	-	
2735.00	3680184.99	6178.80	-	-	-	-	-	-	-	-	-	
2736.00	3686140.59	5955.59	-	-	-	-	-	-	-	-	-	
2737.00	3691874.70	5734.11	-	-	-	-	-	-	-	-	-	
2738.00	3697389.38	5514.68	-	-	-	-	-	-	-	-	-	
2739.00	3702673.67	5284.29	-	-	-	-	-	-	-	-	-	
2740.00	3707731.64	5057.97	28003.83	94.41	188.83	64.25	132.94	189.00	146.06	222.41	165.00	
2741.00	3712586.38	4854.74	-	-	-	-	-	-	-	-	-	
2742.00	3717253.48	4667.10	-	-	-	-	-	-	-	-	-	
2743.00	3721747.81	4494.33	-	-	-	-	-	-	-	-	-	
2744.00	3726081.83	4334.02	-	-	-	-	-	-	-	-	-	
2745.00	3730266.54	4184.71	-	-	-	-	-	-	-	-	-	
2746.00	3734311.37	4044.83	-	-	-	-	-	-	-	-	-	
2747.00	3738225.31	3913.94	-	-	-	-	-	-	-	-	-	
2748.00	3742009.35	3784.04	-	-	-	-	-	-	-	-	-	
2749.00	3745662.66	3653.32	-	-	-	-	-	-	-	-	-	
2750.00	3749200.67	3538.01	19745.03	79.28	158.56	52.59	114.61	180.00	119.24	184.42	159.00	
2751.00	3752650.97	3450.30	-	-	-	-	-	-	-	-	-	
2752.00	3756027.24	3376.27	-	-	-	-	-	-	-	-	-	
2753.00	3759334.18	3306.94	-	-	-	-	-	-	-	-	-	
2754.00	3762572.45	3238.27	-	-	-	-	-	-	-	-	-	
2755.00	3765741.37	3168.91	-	-	-	-	-	-	-	-	-	
2756.00	3768841.66	3100.30	-	-	-	-	-	-	-	-	-	
2757.00	3771875.01	3033.34	-	-	-	-	-	-	-	-	-	
2758.00	3774841.88	2966.87	-	-	-	-	-	-	-	-	-	
2759.00	3777738.49	2896.61	-	-	-	-	-	-	-	-	-	
2760.00	3780573.12	2834.63	15840.11	71.01	142.01	39.63	97.69	180.00	108.50	164.94	12.00	

10

[illegible]

		CUSTOMER : Westlake US 2, LLC				CAVERN : PPG No. 007B					
		DATE : April 22, 2025				OPERATION No. : 11					
		MAIN CHARACTERISTICS DATASHEET									
Depth	Cumulated Volume	Volume Section	Section Area	Mean Radius	Mean Diameter	Min Radius	Max Radius	Max Radius Orientation	Min Diameter	Max Diameter	Max Diam. Orientation
(ft)	(bbl)	(bbl)	(ft²)	(ft)	(ft)	(ft)	(ft)	(°)	(ft)	(ft)	(°)
2905.00	5403700.99	19147.61	-	-	-	-	-	-	-	-	-
2906.00	5422822.91	19121.92	-	-	-	-	-	-	-	-	-
2907.00	5441919.73	19096.82	-	-	-	-	-	-	-	-	-
2908.00	5460991.63	19071.90	-	-	-	-	-	-	-	-	-
2909.00	5480039.22	19047.59	-	-	-	-	-	-	-	-	-
2910.00	5499056.43	19017.21	106747.58	184.33	368.67	131.42	234.72	234.00	332.01	402.20	66.00
2911.00	5518038.87	18982.44	-	-	-	-	-	-	-	-	-
2912.00	5536985.76	18946.89	-	-	-	-	-	-	-	-	-
2913.00	5555898.02	18912.26	-	-	-	-	-	-	-	-	-
2914.00	5574777.04	18879.02	-	-	-	-	-	-	-	-	-
2915.00	5593623.34	18846.30	-	-	-	-	-	-	-	-	-
2916.00	5612437.76	18814.42	-	-	-	-	-	-	-	-	-
2917.00	5631221.07	18783.31	-	-	-	-	-	-	-	-	-
2918.00	5649973.68	18752.61	-	-	-	-	-	-	-	-	-
2919.00	5668697.35	18723.67	-	-	-	-	-	-	-	-	-
2920.00	5687385.09	18687.74	104848.04	182.69	365.37	129.94	234.65	234.00	329.53	399.79	66.00
2921.00	5706029.38	18644.30	-	-	-	-	-	-	-	-	-
2922.00	5724629.51	18600.12	-	-	-	-	-	-	-	-	-
2923.00	5743185.25	18555.74	-	-	-	-	-	-	-	-	-
2924.00	5761696.59	18511.34	-	-	-	-	-	-	-	-	-
2925.00	5780163.71	18467.12	-	-	-	-	-	-	-	-	-
2926.00	5798587.29	18423.58	-	-	-	-	-	-	-	-	-
2927.00	5816967.51	18380.22	-	-	-	-	-	-	-	-	-
2928.00	5835305.49	18337.98	-	-	-	-	-	-	-	-	-
2929.00	5853603.31	18297.82	-	-	-	-	-	-	-	-	-
2930.00	5871839.18	18235.87	102282.69	180.44	360.87	126.73	235.88	231.00	320.94	397.33	51.00
2931.00	5890001.23	18162.05	-	-	-	-	-	-	-	-	-
2932.00	5908089.25	18088.02	-	-	-	-	-	-	-	-	-
2933.00	5926103.42	18014.18	-	-	-	-	-	-	-	-	-
2934.00	5944044.09	17940.66	-	-	-	-	-	-	-	-	-
2935.00	5961911.28	17867.19	-	-	-	-	-	-	-	-	-
2936.00	5979705.87	17794.59	-	-	-	-	-	-	-	-	-
2937.00	5997429.01	17723.14	-	-	-	-	-	-	-	-	-
2938.00	6015083.78	17654.77	-	-	-	-	-	-	-	-	-
2939.00	6032674.86	17591.08	-	-	-	-	-	-	-	-	-
2940.00	6050218.30	17543.44	98434.54	177.01	354.02	119.81	237.33	231.00	303.19	398.71	51.00

SONIC
SURVEYS
LANDING EXPERIENCE YOU CAN COUNT ON

		CUSTOMER : Westlake US 2, LLC				CAVERN : PPG No. 007B					
		DATE : April 22, 2025				OPERATION No. : 11					
		MAIN CHARACTERISTICS DATASHEET									
Depth	Cumulated Volume	Volume Section	Section Area	Mean Radius	Mean Diameter	Min Radius	Max Radius	Max Radius Orientation	Min Diameter	Max Diameter	Max Diam. Orientation
(ft)	(bbl)	(bbl)	(ft²)	(ft)	(ft)	(ft)	(ft)	(°)	(ft)	(ft)	(°)
3085.00	9270544.01	24828.83	-	-	-	-	-	-	-	-	-
3086.00	9294785.70	24241.69	-	-	-	-	-	-	-	-	-
3087.00	9318420.74	23635.04	-	-	-	-	-	-	-	-	-
3088.00	9341495.53	23074.80	-	-	-	-	-	-	-	-	-
3089.00	9364025.56	22530.03	-	-	-	-	-	-	-	-	-
3090.00	9385921.47	21895.91	122958.12	198.16	396.32	11.01	315.56	192.00	122.44	530.34	132.00
3091.00	9407147.87	21226.41	-	-	-	-	-	-	-	-	-
3092.00	9427669.06	20521.18	-	-	-	-	-	-	-	-	-
3093.00	9447484.31	19815.25	-	-	-	-	-	-	-	-	-
3094.00	9466588.98	19104.67	-	-	-	-	-	-	-	-	-
3095.00	9484997.90	18408.92	-	-	-	-	-	-	-	-	-
3096.00	9502668.39	17670.49	-	-	-	-	-	-	-	-	-
3097.00	9519662.65	16994.27	-	-	-	-	-	-	-	-	-
3098.00	9535987.94	16325.28	-	-	-	-	-	-	-	-	-
3099.00	9551498.44	15510.51	-	-	-	-	-	-	-	-	-
3100.00	9566316.84	14818.40	83134.03	162.67	325.35	9.52	305.21	192.00	-	-	-
3101.00	9580471.30	14154.47	-	-	-	-	-	-	-	-	-
3102.00	9593974.57	13503.26	-	-	-	-	-	-	-	-	-
3103.00	9606825.59	12851.03	-	-	-	-	-	-	-	-	-
3104.00	9619147.97	12322.38	-	-	-	-	-	-	-	-	-
3105.00	9630950.90	11802.93	-	-	-	-	-	-	-	-	-
3106.00	9642202.94	11252.05	-	-	-	-	-	-	-	-	-
3107.00	9652901.56	10698.62	-	-	-	-	-	-	-	-	-
3108.00	9663094.46	10192.90	-	-	-	-	-	-	-	-	-
3109.00	9672805.64	9711.18	-	-	-	-	-	-	-	-	-
3110.00	9682102.74	9297.11	52294.04	129.02	258.04	65.52	296.55	156.00	-	-	-
3111.00	9691048.57	8945.83	-	-	-	-	-	-	-	-	-
3112.00	9699601.73	8553.17	-	-	-	-	-	-	-	-	-
3113.00	9707754.88	8153.14	-	-	-	-	-	-	-	-	-
3114.00	9715570.54	7815.66	-	-	-	-	-	-	-	-	-
3115.00	9723041.88	7471.34	-	-	-	-	-	-	-	-	-
3116.00	9730184.64	7142.77	-	-	-	-	-	-	-	-	-
3117.00	9737004.30	6819.65	-	-	-	-	-	-	-	-	-
3118.00	9743508.78	6504.48	-	-	-	-	-	-	-	-	-
3119.00	9749713.93	6205.16	-	-	-	-	-	-	-	-	-
3120.00	9755627.23	5913.30	32197.32	101.24	202.47	84.92	280.48	156.00	-	-	-



CUSTOMER : Westlake US 2, LLC

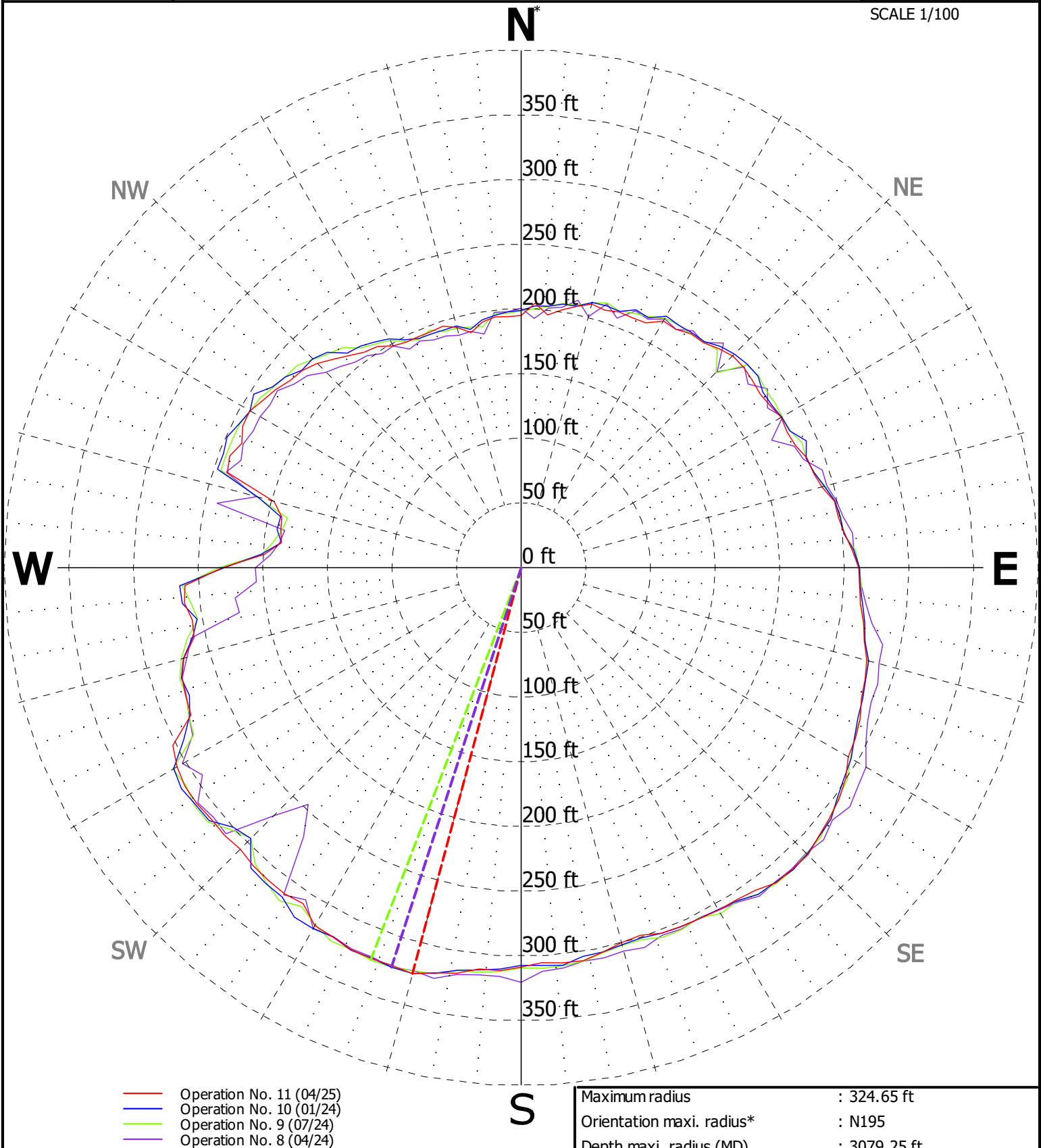
DATE : April 22, 2025

CAVERN : PPG No. 007B

OPERATION No. : 11

**MAXIMUM EXTENSION**

SCALE 1/100



*All sections are oriented to Magnetic North.

Magnetic Declination= 0.6°

Maximum radius	: 324.65 ft
Orientation maxi. radius*	: N195
Depth maxi. radius (MD)	: 3079.25 ft
Surface	: 214997.28 ft ²
Max distance between points	: 551.26 ft



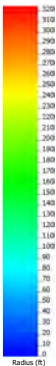
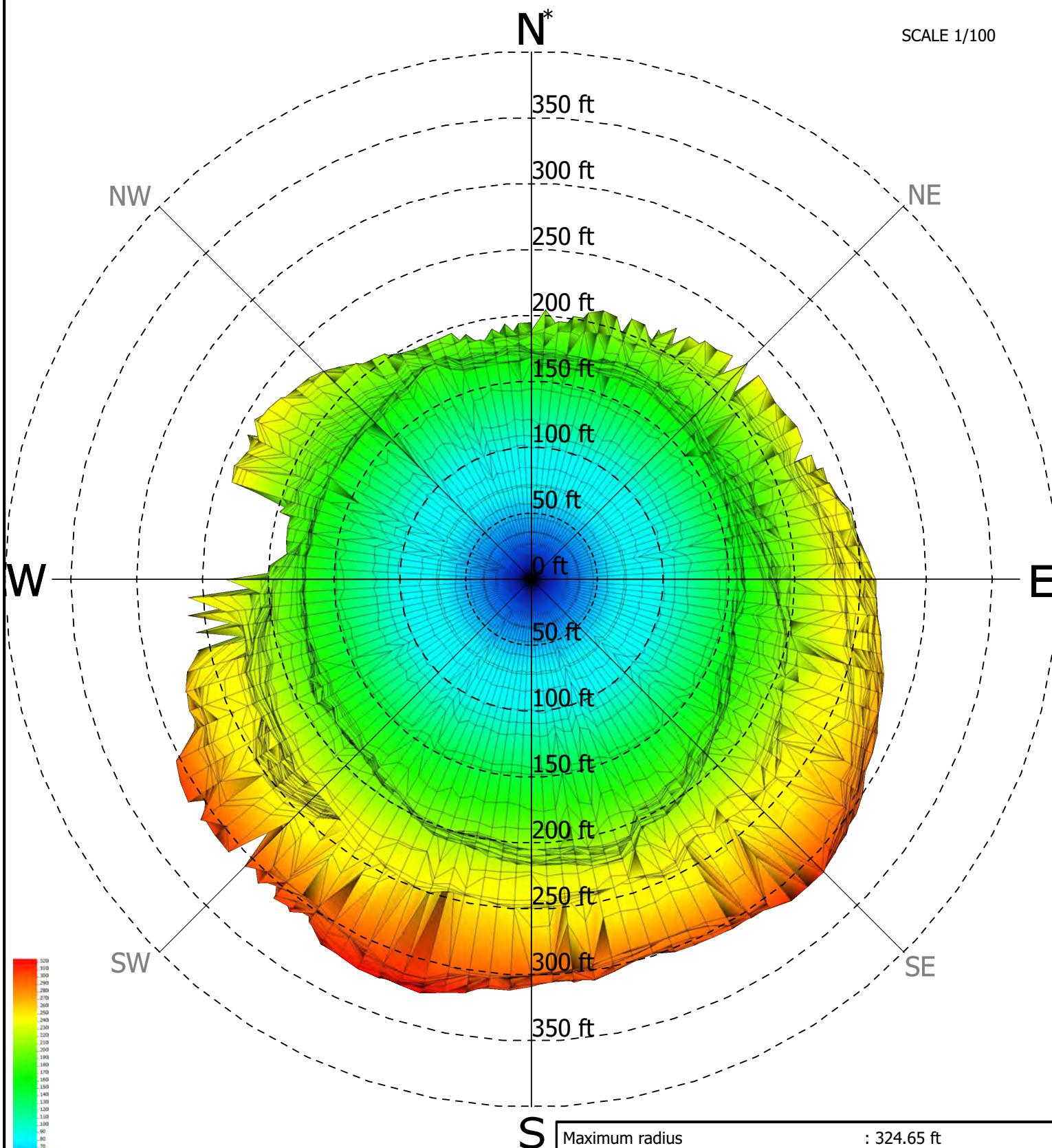
CUSTOMER : Westlake US 2, LLC
DATE : April 22, 2025

CAVERN : PPG No. 007B
OPERATION No. : 11



VIEW FROM ABOVE

SCALE 1/100



*All sections are oriented to Magnetic North.

Magnetic Declination= 0.6°

Maximum radius	: 324.65 ft
Orientation maxi. radius*	: N195
Depth maxi. radius	: 3079.25 ft
Surface	: 214997.28 ft ²
Max distance between points	: 551.26 ft



CUSTOMER : Westlake US 2, LLC
DATE : April 22, 2025

CAVERN : PPG No. 007B
OPERATION No. : 11



WALL RANGE VS BEARING

Bearing	0.0	3.0	6.0	9.0
0	195.0: 3093.70	204.8: 3083.10	196.6: 3095.23	201.9: 3080.44
12	202.2: 3100.82	211.0: 3088.69	209.4: 3087.21	211.8: 3089.33
24	211.5: 3089.11	212.5: 3090.02	220.2: 3096.94	219.7: 3076.59
36	223.7: 3079.77	223.9: 3079.97	228.1: 3083.35	231.5: 3086.12
48	231.5: 3086.12	230.0: 3084.95	228.4: 3083.63	229.8: 3084.75
60	232.3: 3086.74	230.8: 3085.54	232.3: 3086.74	236.7: 3090.32
72	236.7: 3058.43	240.8: 3084.75	247.6: 3066.04	248.3: 3069.48
84	251.6: 3087.04	256.4: 3084.92	261.0: 3081.43	261.8: 3075.01
96	263.7: 3076.54	268.0: 3079.25	271.1: 3079.25	276.8: 3078.39
108	279.5: 3080.16	281.8: 3069.48	286.9: 3084.02	290.0: 3084.02
120	292.0: 3084.02	299.1: 3085.57	303.8: 3089.23	306.9: 3069.48
132	309.7: 3084.02	313.6: 3044.03	313.2: 3044.03	313.2: 3044.03
144	308.0: 3044.32	305.8: 3069.48	305.3: 3081.92	304.2: 3079.25
156	303.4: 3081.61	302.4: 3084.02	298.5: 3097.02	299.9: 3089.23
168	303.6: 3073.92	307.3: 3079.25	306.9: 3089.23	305.6: 3069.48
180	308.5: 3079.25	311.7: 3084.02	311.7: 3094.02	317.2: 3073.92
192	319.9: 3069.48	324.6: 3079.25	323.1: 3079.25	323.4: 3064.06
204	323.1: 3061.83	320.3: 3061.58	319.2: 3067.11	309.4: 3066.08
216	311.3: 3066.28	310.7: 3078.03	309.7: 3077.45	307.2: 3076.04
228	308.7: 3069.80	308.4: 3069.58	309.9: 3070.44	309.9: 3070.44
240	307.2: 3068.94	302.2: 3066.16	275.9: 3049.16	277.6: 3048.11
252	275.6: 3043.18	270.0: 3042.99	258.5: 3047.11	257.4: 3041.32
264	261.7: 3043.71	260.2: 3042.92	205.0: 2989.37	198.8: 2978.94
276	186.4: 2978.94	188.1: 2989.37	189.2: 2995.06	197.7: 3008.23
288	238.8: 3047.87	241.3: 3061.42	236.4: 3064.21	241.5: 3074.12
300	242.4: 3074.75	237.9: 3065.22	234.5: 3062.86	229.9: 3065.72
312	227.8: 3083.16	223.3: 3079.49	217.0: 3074.35	211.1: 3041.07
324	206.1: 3042.96	204.0: 3041.51	198.1: 3096.79	195.8: 3116.08
336	195.6: 3115.87	195.4: 3115.66	196.3: 3116.66	192.5: 3112.43
348	185.9: 3028.80	192.3: 3090.98	195.0: 3093.66	194.4: 3093.08



CUSTOMER : Westlake US 2, LLC
DATE : April 22, 2025

CAVERN : PPG No. 007B
OPERATION No. : 11



**Wall Range versus Depth
(N, NE, E, SE, S, SW, W, NW)**

DEPTH	TILT	N	NE	E	SE	S	SW	W	NW
2515.1	0	165.68	162.41	155.88	125.33	204.56	179.92	171.32	44.20
2517.1	0	168.69	163.30	154.87	176.06	204.56	180.59	171.46	167.46
2519.2	0	168.46	163.94	153.80	176.01	204.56	181.29	171.61	167.64
2524.1	0	167.96	165.38	155.88	175.89	203.96	182.88	170.42	168.05
2528.8	0	167.46	165.68	154.99	175.77	203.67	183.28	170.42	169.53
2539.1	0	169.53	167.75	158.62	180.81	209.90	184.08	171.02	171.61
2548.8	0	171.93	168.96	159.46	183.80	211.41	182.38	171.04	173.11
2559.0	0	172.22	172.82	161.24	182.02	214.97	182.02	172.82	173.11
2569.3	0	172.82	172.52	161.24	183.53	215.26	183.21	173.11	173.11
2579.1	0	173.71	175.79	161.83	184.99	215.86	183.50	172.22	172.22
2588.9	0	172.82	176.38	160.05	184.72	215.86	183.80	169.85	171.33
2599.0	0	173.51	169.28	158.89	184.49	215.30	182.94	168.98	171.06
2604.0	0	171.96	168.91	158.60	186.50	214.11	183.83	168.99	171.06
2606.3	0	171.26	168.74	158.76	187.75	212.49	183.83	169.45	171.30
2607.0	0	171.08	168.69	158.58	188.08	212.33	183.83	169.58	171.36
2609.0	0	170.47	168.10	158.00	189.17	212.33	184.13	169.58	171.06
2613.9	-60	141.41	150.68	150.99	157.78	176.62	171.67	152.84	146.05
2613.9	-55	143.58	152.45	153.77	158.09	173.84	160.56	153.78	147.59
2613.9	-50	144.19	154.07	167.66	163.70	177.54	160.25	154.38	149.13
2613.9	-45	146.66	158.71	174.14	166.30	181.86	167.66	156.54	153.46
2613.9	-40	152.53	162.40	177.54	169.82	186.15	170.17	160.51	156.20
2613.9	-35	156.85	169.52	181.25	175.38	188.04	178.78	166.73	163.34
2613.9	-30	167.19	172.29	181.25	185.88	199.77	186.49	164.26	174.45
2613.9	-25	176.92	181.55	173.84	197.61	211.20	199.77	174.14	181.55
2613.9	-20	179.26	176.31	166.91	196.41	223.86	193.51	180.94	179.90
2613.9	-15	175.00	171.67	162.34	189.89	218.66	189.81	174.38	175.07
2613.9	5	174.20	169.91	159.42	184.70	216.50	183.72	169.57	171.71
2613.9	10	175.97	178.83	163.39	188.09	219.90	187.17	174.82	174.20
2613.9	15	179.45	177.29	167.41	189.31	221.75	189.64	179.13	179.18
2613.9	20	182.98	181.04	171.42	195.02	222.06	193.96	182.23	184.17
2613.9	25	186.14	184.08	175.13	195.50	225.63	201.99	188.32	187.79
2613.9	30	194.58	189.24	179.88	196.12	201.37	202.61	197.72	193.28
2613.9	35	176.36	172.66	173.89	171.11	173.66	174.51	173.27	176.05
2613.9	40	158.14	158.76	154.37	154.13	153.20	155.67	152.28	156.91
2613.9	45	140.54	142.09	141.16	141.16	139.00	141.47	139.62	139.62
2613.9	50	131.59	130.66	130.97	129.74	129.74	130.05	129.74	132.21
2613.9	55	121.17	123.22	120.78	122.33	120.47	121.71	122.33	122.33
2613.9	60	113.68	116.12	114.30	115.23	115.53	113.99	113.68	115.84



CUSTOMER : Westlake US 2, LLC
DATE : April 22, 2025

CAVERN : PPG No. 007B
OPERATION No. : 11



**Wall Range versus Depth
(N, NE, E, SE, S, SW, W, NW)**

DEPTH	TILT	N	NE	E	SE	S	SW	W	NW
2613.9	65	108.74	110.29	109.98	109.36	109.67	108.43	109.98	108.74
2613.9	70	105.84	106.45	106.05	105.84	106.65	106.05	105.51	105.44
2613.9	75	102.82	102.61	102.01	103.22	102.61	102.82	102.41	102.61
2613.9	80	100.19	100.19	100.80	100.39	99.99	99.99	100.80	100.80
2613.9	85	99.38	99.18	99.38	99.38	99.18	99.18	99.38	99.18
2613.9	89	98.78	98.98	98.98	98.98	98.78	98.98	98.98	98.98
2614.0	0	170.18	171.42	157.53	188.88	213.72	184.27	168.95	170.80
2619.1	0	169.88	170.80	157.70	188.58	212.63	184.42	168.99	171.06
2624.1	0	169.58	170.19	157.53	188.14	212.48	183.15	168.64	169.88
2629.2	0	169.28	170.03	157.70	187.69	212.33	184.42	168.39	170.47
2634.0	0	170.49	169.88	157.56	187.69	214.03	184.42	168.64	170.19
2639.2	0	168.99	166.61	157.41	187.69	213.52	184.42	168.69	170.47
2649.1	0	168.99	165.42	156.52	187.69	210.55	184.42	168.39	169.88
2659.5	0	169.34	166.47	157.44	185.41	211.29	184.22	168.75	169.75
2669.0	0	168.75	166.37	157.15	185.41	211.59	182.44	169.34	169.34
2679.1	0	168.75	165.18	157.15	184.82	210.70	182.14	169.94	169.34
2689.0	0	160.19	165.18	158.03	185.11	211.59	182.14	157.74	166.07
2699.2	0	141.61	155.11	157.19	176.07	197.74	179.49	142.01	154.06
2709.1	0	124.75	142.91	156.60	157.19	179.81	158.98	137.34	131.03
2719.2	0	101.77	122.67	147.41	136.82	160.69	137.25	119.10	113.37
2729.1	0	86.36	107.67	135.10	121.53	149.75	120.88	104.55	93.50
2739.2	0	70.29	86.96	117.64	105.71	133.21	100.05	89.63	75.35
2749.2	0	67.66	64.98	69.44	81.06	116.09	92.62	68.25	55.45
2759.3	0	53.96	57.53	73.91	70.04	98.63	92.97	64.98	44.13
2768.9	0	57.83	56.04	74.51	63.49	85.82	84.04	61.40	45.73
2779.1	0	59.32	55.45	74.21	64.08	78.68	82.55	63.30	47.41
2789.2	0	59.27	52.17	63.49	66.17	80.17	86.72	65.28	60.21
2799.3	0	60.22	52.48	64.09	65.28	87.62	88.22	64.69	53.97
2804.1	0	57.84	53.07	64.39	65.88	87.62	89.11	65.74	53.97
2809.0	0	57.24	52.48	63.79	65.58	87.62	91.20	64.69	53.67
2814.0	0	57.54	52.48	64.39	66.18	87.32	92.69	65.28	53.07
2819.1	0	58.14	53.07	64.39	66.48	87.32	89.11	67.07	53.67
2824.1	0	59.92	53.07	64.09	66.48	86.73	90.00	67.96	53.67
2829.0	0	79.09	64.09	63.79	66.77	87.03	90.90	67.96	53.67
2834.0	0	101.91	73.33	68.67	67.07	87.03	92.69	68.86	64.09
2839.0	0	151.36	83.75	81.07	122.22	86.73	93.28	191.91	160.00
2843.9	0	151.96	149.28	178.11	134.02	247.74	93.88	195.85	159.40
2849.0	0	151.97	149.29	179.95	237.46	249.13	227.04	186.82	159.23



CUSTOMER : Westlake US 2, LLC
DATE : April 22, 2025

CAVERN : PPG No. 007B
OPERATION No. : 11



**Wall Range versus Depth
(N, NE, E, SE, S, SW, W, NW)**

DEPTH	TILT	N	NE	E	SE	S	SW	W	NW
2854.0	0	151.67	150.33	181.76	237.16	248.23	224.95	184.44	163.59
2859.0	0	152.27	151.38	184.14	237.16	246.40	219.29	184.14	163.29
2869.2	0	151.40	152.44	183.53	228.93	246.77	219.12	180.08	163.49
2879.2	0	146.56	154.16	185.61	220.92	239.86	220.85	170.40	153.52
2889.0	0	137.92	155.18	188.03	216.71	235.37	222.58	169.71	152.09
2899.0	0	136.20	154.86	186.64	211.18	229.84	223.27	169.71	141.38
2899.1	-63	160.06	156.61	233.99	258.50	240.33	204.50	196.55	161.01
2899.1	-60	151.01	167.93	236.77	267.03	251.16	223.77	198.61	156.99
2899.1	-57	274.89	188.71	239.50	277.65	258.50	233.62	189.91	153.37
2899.1	-54	280.79	215.93	235.57	283.76	273.66	239.13	174.33	153.77
2899.1	-51	280.40	252.87	244.43	296.10	291.46	241.47	180.86	268.19
2899.1	-48	286.69	270.96	257.93	311.07	307.93	238.71	189.55	275.72
2899.1	-45	275.14	281.09	292.78	323.12	318.80	239.43	187.83	282.36
2899.1	-42	246.04	291.21	298.07	333.43	335.99	246.06	184.94	290.58
2899.1	-39	240.41	297.19	314.83	339.08	344.81	253.27	190.76	286.65
2899.1	-36	228.85	261.72	319.24	351.29	344.96	255.30	197.10	275.08
2899.1	-35	212.51	187.23	317.96	354.71	226.43	255.30	198.02	271.23
2899.1	-34	185.63	184.31	236.78	206.80	221.50	290.25	198.42	253.98
2899.1	-33	174.61	181.84	233.24	359.59	217.70	334.72	197.98	228.85
2899.1	-32	168.76	179.46	214.91	198.59	215.62	334.67	196.49	217.82
2899.1	-31	157.99	177.24	212.49	196.13	212.78	345.69	194.29	209.44
2899.1	-30	149.26	175.49	209.22	193.82	210.77	354.07	200.63	204.59
2899.1	-29	142.86	174.17	206.80	192.25	210.77	277.35	200.63	189.21
2899.1	-28	139.08	172.41	204.53	191.74	208.53	272.71	198.86	174.61
2899.1	-27	135.37	170.89	202.03	190.93	206.80	269.57	199.30	168.77
2909.1	0	131.38	155.58	185.30	209.49	228.50	225.73	171.13	141.06
2919.1	10	137.76	157.83	188.52	223.41	245.46	224.40	172.31	150.03
2919.1	15	149.25	158.61	190.11	245.49	257.22	226.96	186.55	159.01
2919.1	18	158.61	160.27	193.55	249.60	258.94	240.45	194.39	171.79
2919.1	21	162.89	162.30	193.05	245.96	239.25	236.32	209.63	175.01
2919.1	24	166.11	164.11	193.50	202.85	206.55	215.72	207.01	173.57
2919.1	25	167.60	164.75	193.63	194.24	196.86	207.26	198.98	175.65
2919.1	30	171.60	158.84	160.52	152.16	153.89	165.01	171.17	170.87
2919.1	36	145.25	130.29	140.50	141.35	131.47	131.29	143.32	143.66
2919.1	41	130.80	116.52	117.70	124.78	117.70	118.88	126.75	134.22
2919.1	46	123.20	113.76	112.79	115.34	125.03	129.76	115.65	120.06
2919.1	50	118.09	112.19	109.83	107.86	134.22	142.12	108.25	113.37
2919.1	55	114.11	110.11	110.90	115.53	147.99	150.35	118.48	104.71



CUSTOMER : Westlake US 2, LLC
DATE : April 22, 2025

CAVERN : PPG No. 007B
OPERATION No. : 11



**Wall Range versus Depth
(N, NE, E, SE, S, SW, W, NW)**

DEPTH	TILT	N	NE	E	SE	S	SW	W	NW
2919.1	60	115.70	105.50	127.07	131.05	155.47	165.55	131.19	104.32
2919.1	65	139.22	124.17	174.41	152.01	445.94	433.32	150.33	127.01
2919.1	70	162.03	165.06	430.64	430.58	430.58	431.46	430.57	146.43
2919.1	75	419.06	419.61	417.97	418.93	417.97	419.61	416.87	419.40
2919.1	80	410.29	411.93	409.74	411.61	409.74	411.17	411.61	411.79
2919.1	85	406.31	406.80	406.41	405.90	406.97	406.48	405.35	405.35
2919.1	0	131.73	155.58	184.95	202.32	222.28	228.50	174.20	136.05
2929.1	0	131.04	155.23	184.61	197.05	222.62	227.81	180.11	130.35
2938.9	0	121.36	153.85	183.57	181.15	209.83	230.22	183.67	124.13
2949.0	0	119.31	153.53	184.29	180.49	198.12	231.65	190.83	129.49
2958.9	0	120.69	152.84	184.29	180.15	198.12	233.03	199.50	136.94
2969.1	0	126.57	152.84	182.57	175.31	191.31	233.03	200.89	146.27
2978.9	0	134.17	152.49	181.18	173.58	191.55	235.45	200.89	153.12
2989.4	0	144.20	152.15	180.15	169.43	187.75	237.63	205.03	164.25
2993.9	0	146.86	152.74	180.84	168.05	184.64	238.56	176.15	170.12
2998.9	0	150.76	152.84	181.18	168.37	184.29	238.91	166.67	175.33
3003.9	0	158.38	153.20	181.54	168.75	183.40	239.27	167.02	178.87
3008.8	0	162.19	154.23	182.58	168.06	182.67	240.31	165.64	181.89
3014.1	0	165.30	155.96	182.58	170.48	183.62	238.93	160.87	185.08
3019.0	0	170.14	160.55	185.46	201.29	182.58	240.66	141.79	188.83
3024.1	0	178.74	165.34	196.41	220.26	184.31	240.31	136.26	90.06
3029.2	0	185.42	172.56	196.41	220.23	185.94	241.81	133.84	81.56
3034.0	-87	63.96	63.52	63.52	62.20	62.20	61.76	62.20	63.08
3034.0	-84	64.41	62.20	63.52	62.64	62.20	60.44	59.99	63.52
3034.0	-81	67.29	62.15	62.93	62.46	62.46	60.14	58.12	63.80
3034.0	-78	67.27	62.31	60.45	62.77	62.77	61.53	58.28	66.03
3034.0	-75	68.66	63.70	57.50	64.63	63.08	62.46	59.36	66.34
3034.0	-72	68.82	66.80	57.66	65.56	64.48	64.32	59.83	66.49
3034.0	-69	62.77	66.96	58.74	65.72	65.56	66.34	61.22	62.46
3034.0	-66	62.77	68.51	60.14	74.55	69.44	66.65	64.17	63.24
3034.0	-63	62.62	74.71	61.69	78.12	71.45	67.73	64.79	62.62
3034.0	-60	63.39	77.03	65.10	80.44	72.07	67.73	67.11	62.77
3034.0	-57	62.77	77.03	70.68	82.77	79.36	68.66	70.06	62.77
3034.0	-54	63.55	77.81	81.84	84.16	79.51	69.44	71.92	62.31
3034.0	-51	63.70	78.12	83.08	90.14	81.69	70.99	75.17	61.53
3034.0	-48	64.24	78.27	86.91	99.59	83.70	72.07	76.41	62.46
3034.0	-45	64.48	75.69	89.28	122.60	88.19	74.24	77.65	62.00
3034.0	-42	65.25	77.58	97.47	138.56	100.59	76.72	80.80	62.77



CUSTOMER : Westlake US 2, LLC
DATE : April 22, 2025

CAVERN : PPG No. 007B
OPERATION No. : 11



**Wall Range versus Depth
(N, NE, E, SE, S, SW, W, NW)**

DEPTH	TILT	N	NE	E	SE	S	SW	W	NW
3034.0	-39	65.57	68.85	104.92	151.97	113.71	79.88	81.22	62.59
3034.0	-36	65.57	67.33	127.17	164.50	135.32	84.05	85.84	64.68
3034.0	-33	65.87	65.56	133.83	180.48	152.82	88.92	87.41	64.08
3034.0	-30	67.97	63.49	138.60	189.27	163.64	98.53	89.42	62.30
3034.0	-27	69.25	62.20	146.31	209.89	200.90	136.15	90.63	62.61
3034.0	-24	68.26	61.64	144.56	234.47	233.21	147.84	98.80	61.85
3034.0	-21	69.47	59.91	150.69	257.13	252.93	157.95	105.26	62.49
3034.0	-18	68.56	59.41	185.31	269.90	274.52	163.07	109.74	62.52
3034.0	-15	68.28	59.32	247.08	291.73	284.85	165.61	106.98	63.33
3034.0	-12	69.97	59.80	262.03	305.59	298.85	171.54	105.98	64.04
3034.0	-9	72.01	61.38	256.65	314.36	311.64	189.25	103.08	68.86
3034.0	-6	187.21	64.89	251.81	312.40	299.02	202.12	103.22	75.89
3034.0	-5	72.00	64.33	253.43	312.40	299.41	202.85	102.70	75.89
3034.0	-4	72.51	64.33	244.89	312.40	299.02	208.12	102.13	77.51
3034.0	-3	72.51	64.33	237.84	311.54	299.81	266.29	126.68	76.46
3034.0	-2	73.40	64.61	237.03	313.28	300.16	259.30	127.48	76.33
3034.5	0	186.41	178.43	229.63	220.26	191.57	247.40	132.37	79.56
3039.0	0	188.71	199.10	234.51	311.42	300.14	254.16	127.78	77.57
3044.0	0	71.93	202.13	236.47	313.57	300.20	261.32	103.12	69.17
3049.2	0	67.13	57.49	242.75	311.21	300.09	207.04	102.73	62.06
3054.0	0	65.73	56.70	253.31	312.08	299.07	201.97	104.09	59.85
3059.0	0	64.88	56.70	251.46	311.21	298.63	191.24	103.51	56.70
3064.1	0	62.34	55.57	249.85	311.61	298.19	176.68	104.30	55.74
3069.5	0	55.86	55.30	251.66	312.85	306.40	168.31	104.67	53.34
3073.9	0	51.60	54.98	253.83	312.45	306.40	162.16	90.45	48.77
3079.0	15	64.22	57.49	202.54	217.95	192.39	247.63	106.70	57.57
3079.0	18	68.91	59.18	194.60	201.50	192.39	251.34	107.25	59.23
3079.0	21	70.20	60.05	195.51	181.80	195.48	254.15	110.09	62.26
3079.0	24	72.76	62.06	198.22	184.45	201.81	256.51	182.63	65.16
3079.0	27	81.81	64.35	202.34	188.42	213.62	261.45	225.37	75.92
3079.0	30	84.62	70.05	209.90	200.34	220.62	266.83	227.68	92.49
3079.0	33	169.45	77.52	219.49	212.03	232.82	272.03	231.65	182.69
3079.0	36	167.69	188.77	227.76	223.04	276.21	279.29	229.45	182.79
3079.0	39	166.81	195.49	237.29	264.45	303.11	287.07	232.50	182.69
3079.0	42	167.25	206.74	248.98	292.61	333.11	297.22	235.04	183.13
3079.0	45	170.39	219.55	264.14	335.32	342.82	309.87	241.60	183.13
3079.0	48	178.92	231.97	275.58	335.32	330.56	329.14	253.36	183.57
3079.0	51	208.86	245.79	288.91	314.97	314.59	318.56	306.21	224.03



CUSTOMER : Westlake US 2, LLC
DATE : April 22, 2025

CAVERN : PPG No. 007B
OPERATION No. : 11



**Wall Range versus Depth
(N, NE, E, SE, S, SW, W, NW)**

DEPTH	TILT	N	NE	E	SE	S	SW	W	NW
3079.0	3	50.40	54.73	250.68	312.06	298.68	167.46	89.15	46.35
3079.0	6	51.99	55.35	253.80	314.03	301.76	192.06	105.24	49.04
3079.0	9	56.14	55.99	240.10	269.93	302.68	212.02	105.05	53.78
3079.0	10	56.94	56.31	236.86	249.28	267.37	252.39	105.05	53.78
3079.0	11	62.32	56.52	233.77	231.62	239.46	247.18	105.49	55.25
3079.0	12	62.95	56.62	220.58	225.04	216.88	246.65	106.10	55.20
3079.0	54	233.66	259.01	298.66	298.93	300.38	305.58	301.35	277.92
3079.0	57	278.56	273.83	286.60	285.47	287.07	288.56	291.65	292.23
3079.0	60	283.73	276.21	277.09	270.47	275.32	279.74	283.71	283.27
3079.3	0	46.66	57.90	258.93	312.45	308.52	159.01	76.18	43.24
3084.0	0	39.92	58.87	259.94	312.06	307.81	64.25	70.49	37.44
3089.2	0	31.41	53.04	17.29	312.85	306.55	44.30	54.85	30.26
3094.0	0	22.09	50.59	11.07	303.79	296.32	7.84	0.00	22.06



CUSTOMER : Westlake US 2, LLC

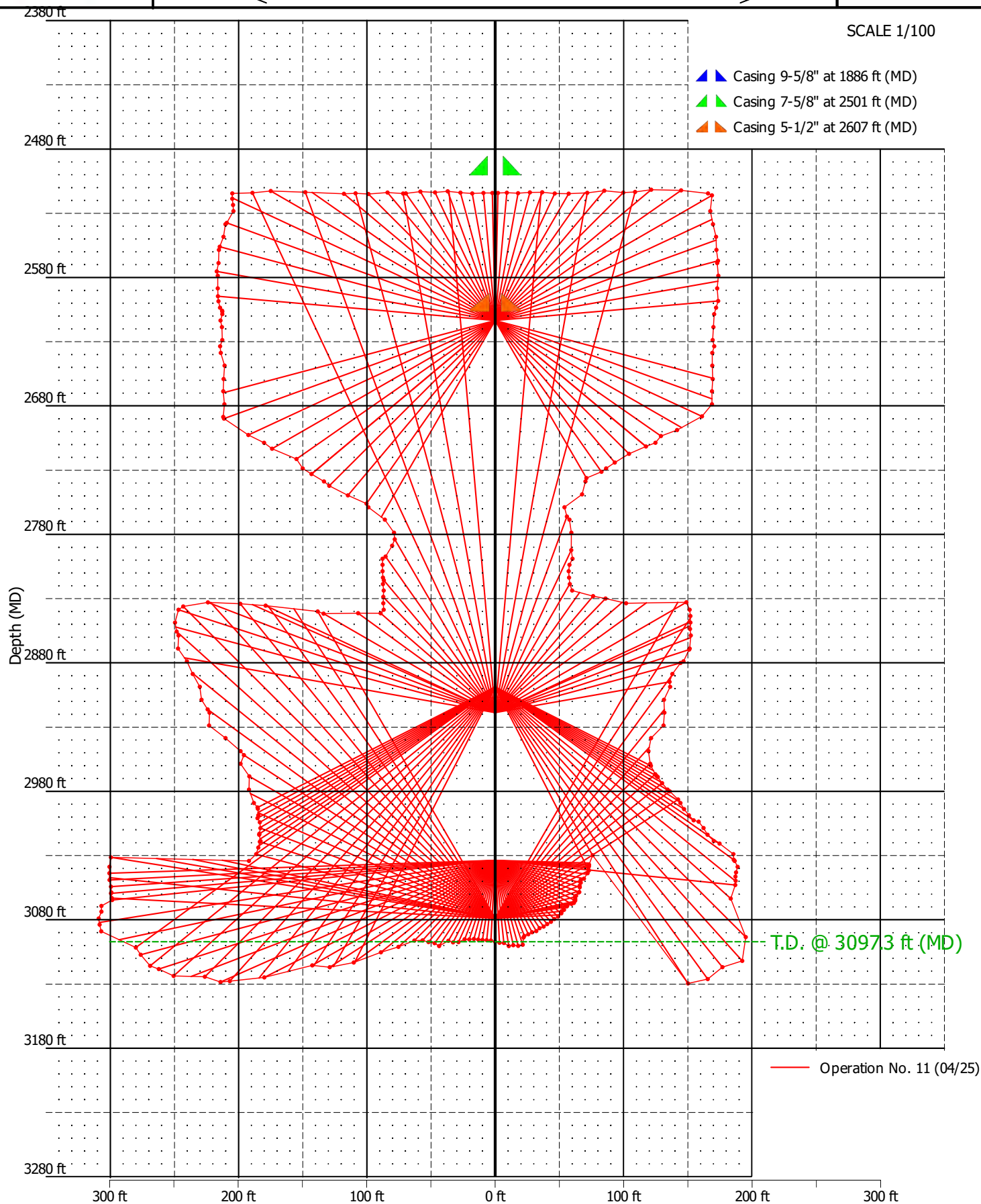
CAVERN : PPG No. 007B

DATE : April 22, 2025

OPERATION No. : 11

**TILTED SECTIONS POSITION**

← N180 **1** N0 →





CUSTOMER : Westlake US 2, LLC

DATE : April 22, 2025

CAVERN : PPG No. 007B

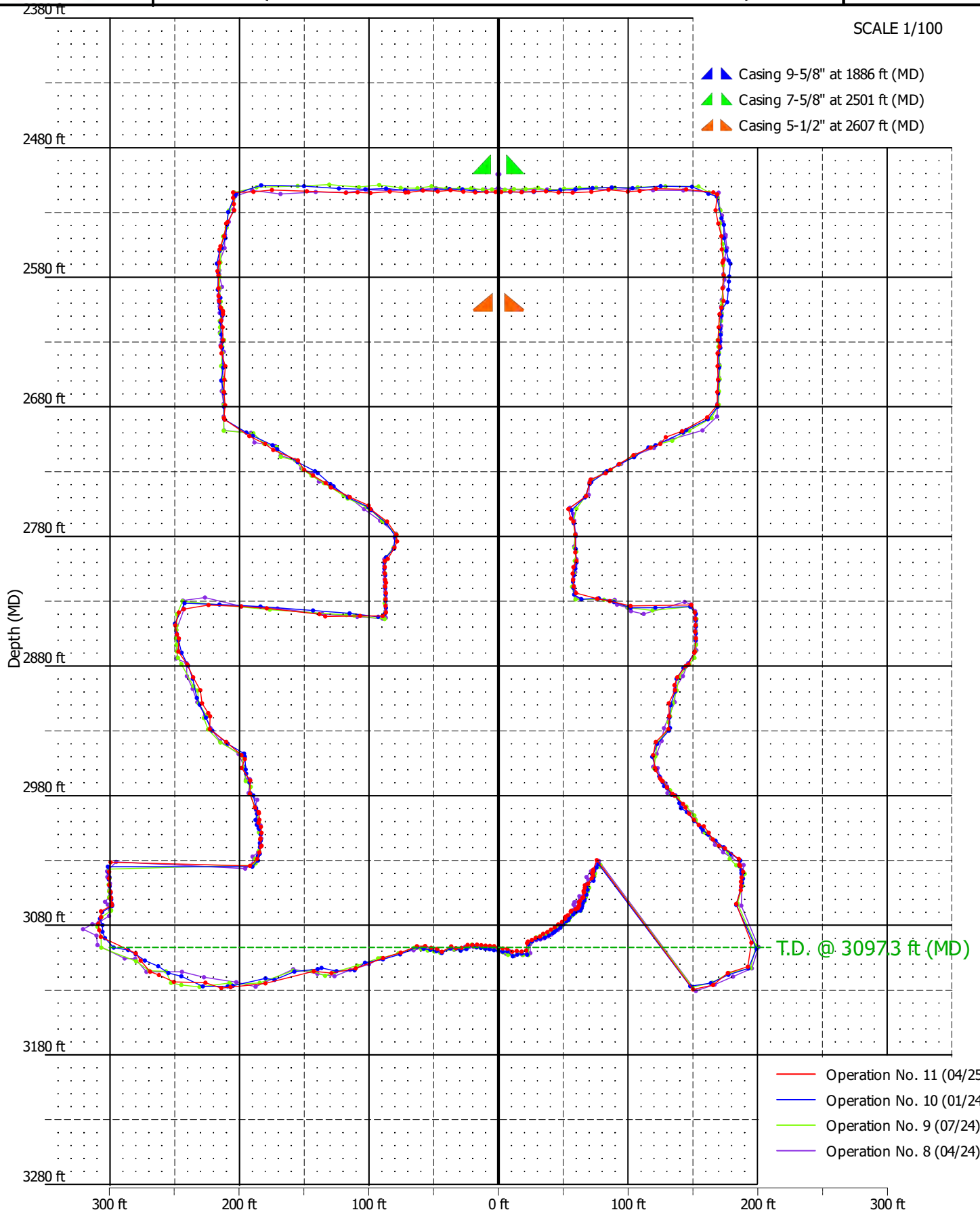
OPERATION No. : 11

**VERTICAL SECTION**

← N180

1

→ N0





CUSTOMER : Westlake US 2, LLC

DATE : April 22, 2025

CAVERN : PPG No. 007B

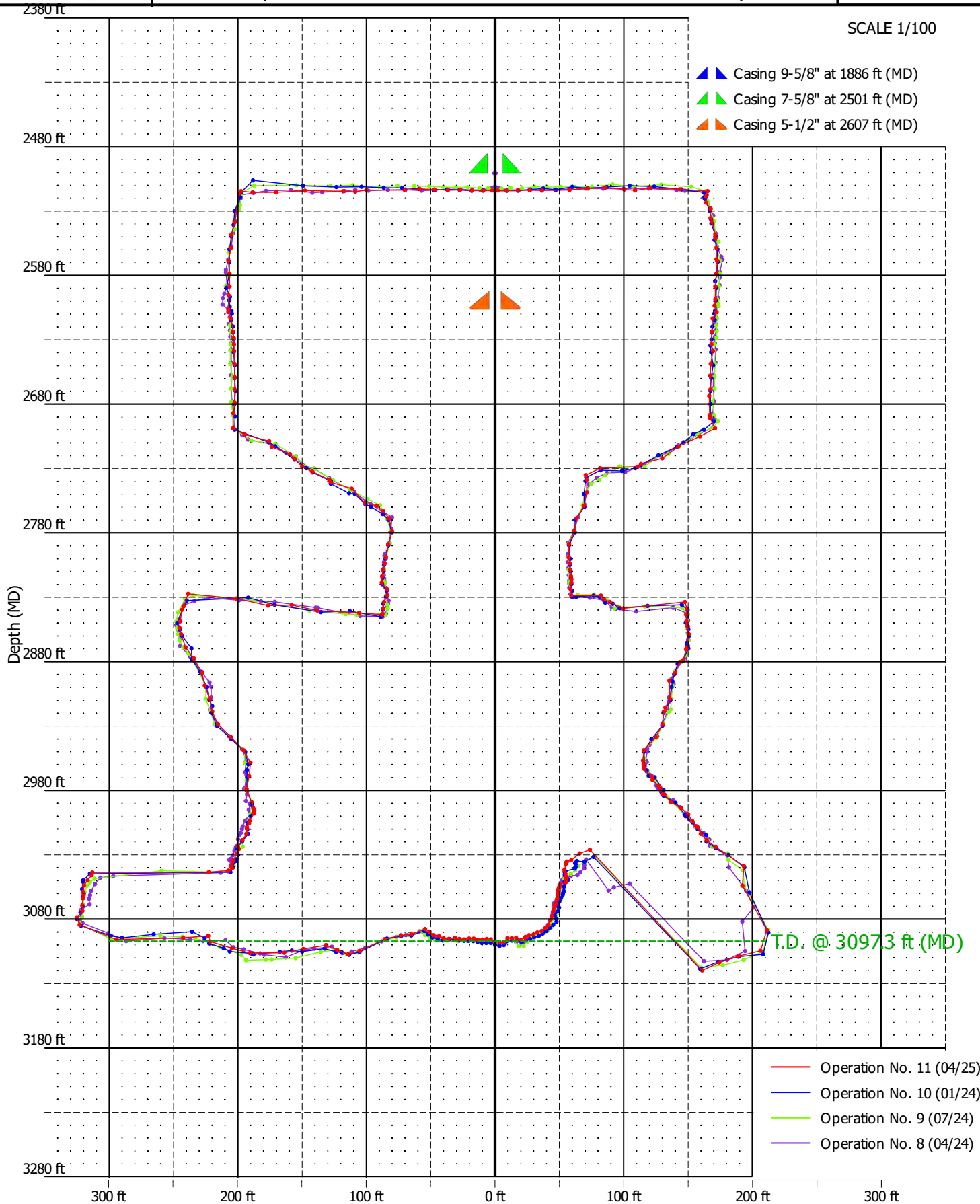
OPERATION No. : 11

**VERTICAL SECTION**

← N195

2

N15 →





CUSTOMER : Westlake US 2, LLC

DATE : April 22, 2025

CAVERN : PPG No. 007B

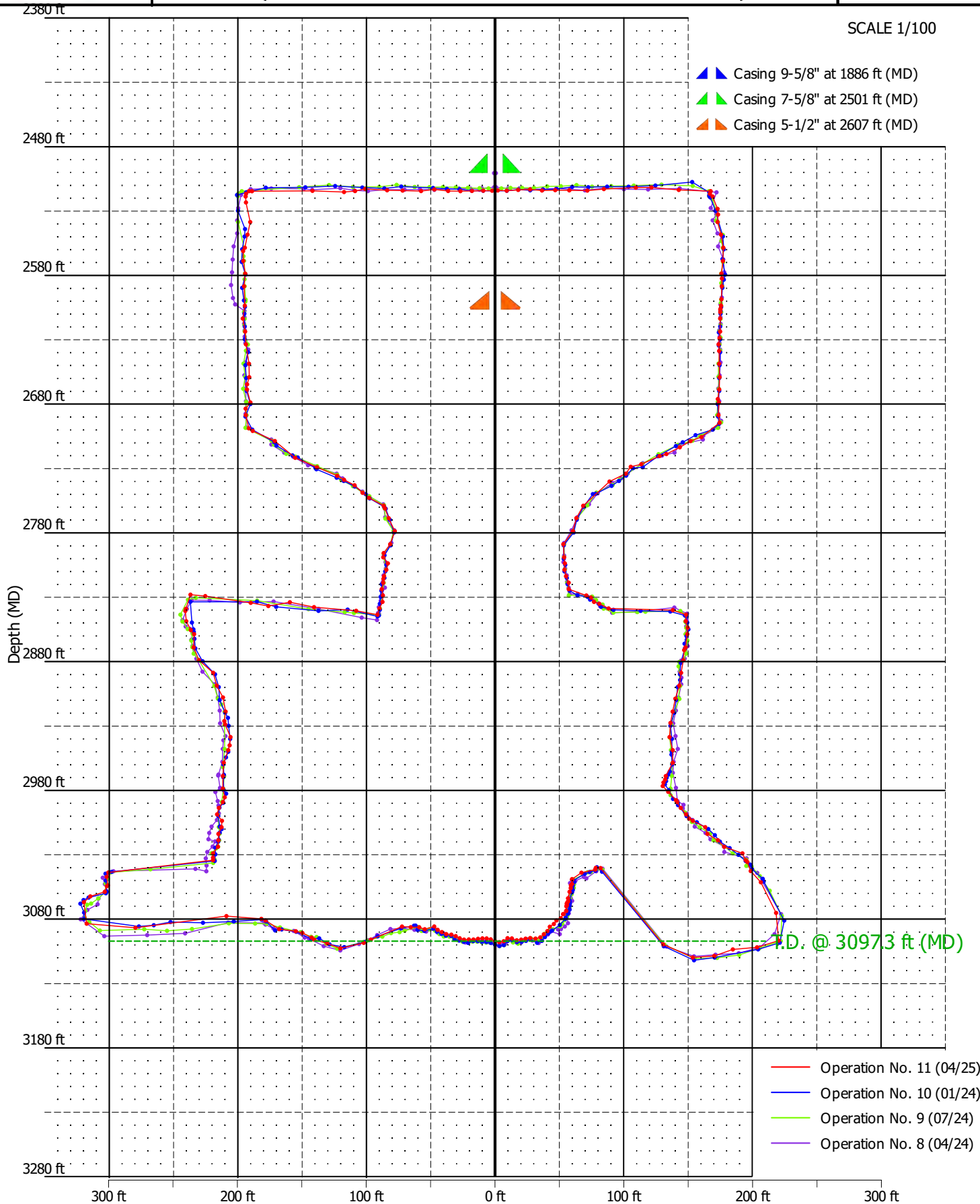
OPERATION No. : 11

**VERTICAL SECTION**

N210

3

N30





CUSTOMER : Westlake US 2, LLC

DATE : April 22, 2025

CAVERN : PPG No. 007B

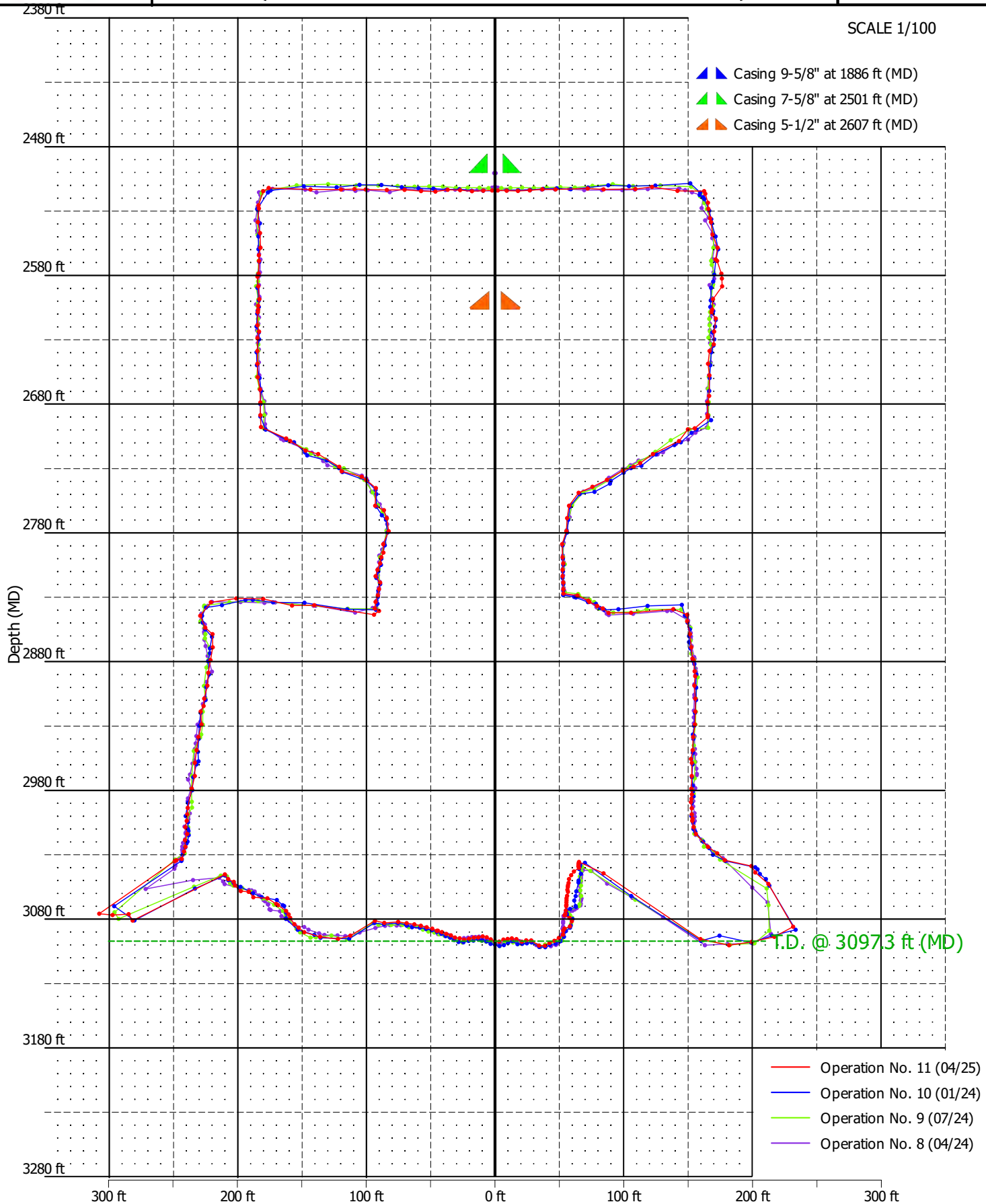
OPERATION No. : 11

**VERTICAL SECTION**

← N225

4

N45 →





CUSTOMER : Westlake US 2, LLC

DATE : April 22, 2025

CAVERN : PPG No. 007B

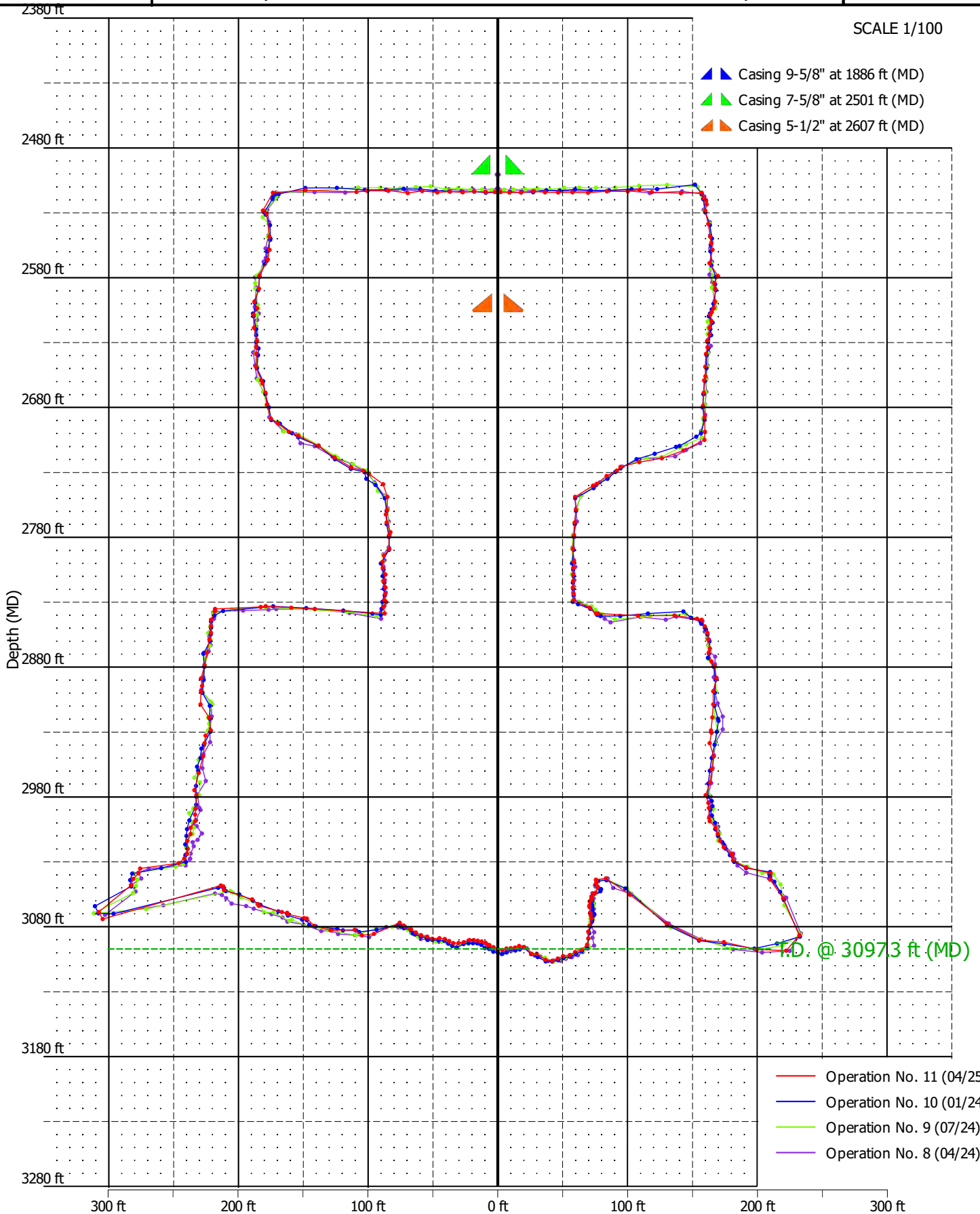
OPERATION No. : 11

**VERTICAL SECTION**

N240

5

N60





CUSTOMER : Westlake US 2, LLC
DATE : April 22, 2025

CAVERN : PPG No. 007B
OPERATION No. : 11

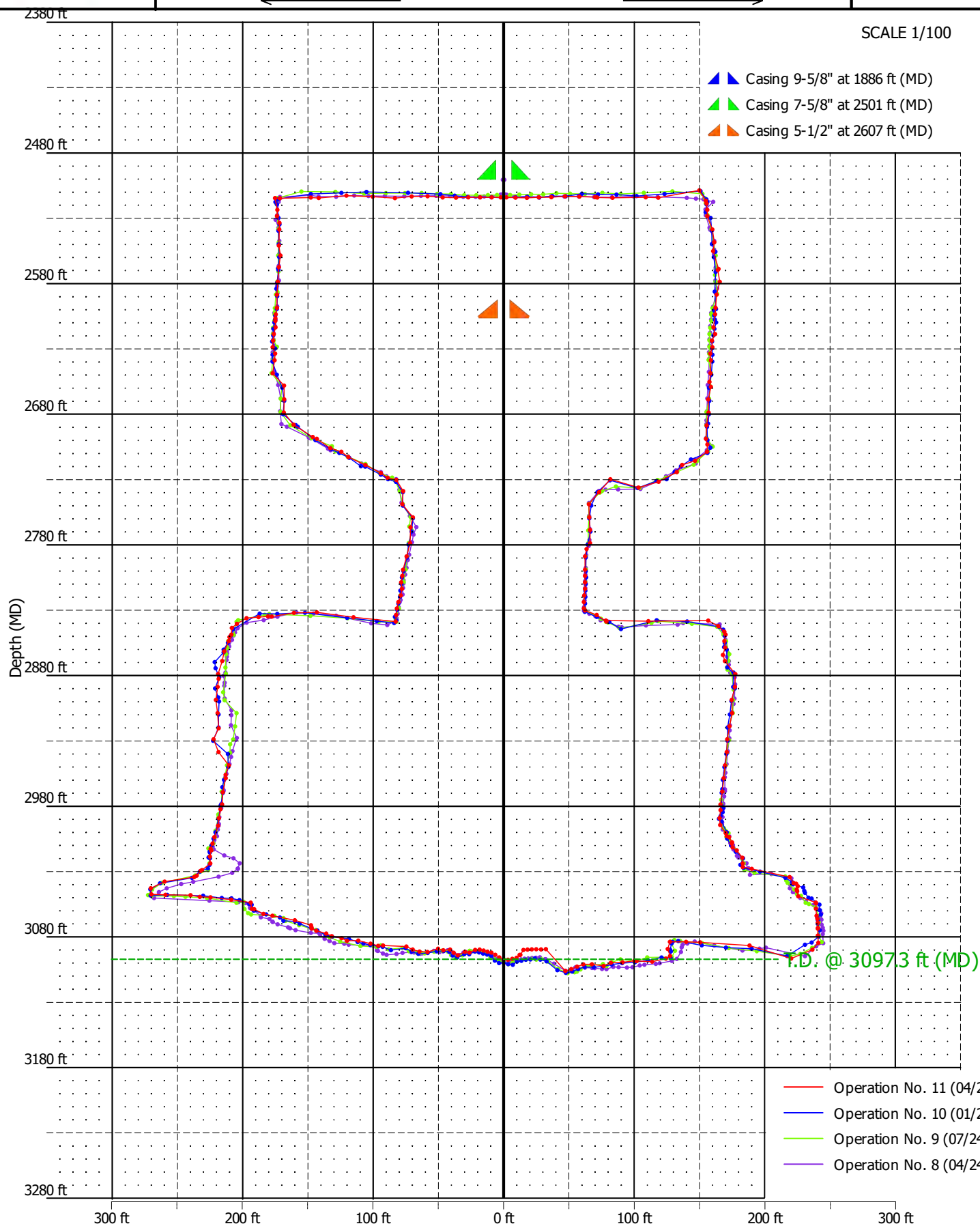


VERTICAL SECTION

N255

6

N75





CUSTOMER : Westlake US 2, LLC
DATE : April 22, 2025

CAVERN : PPG No. 007B
OPERATION No. : 11

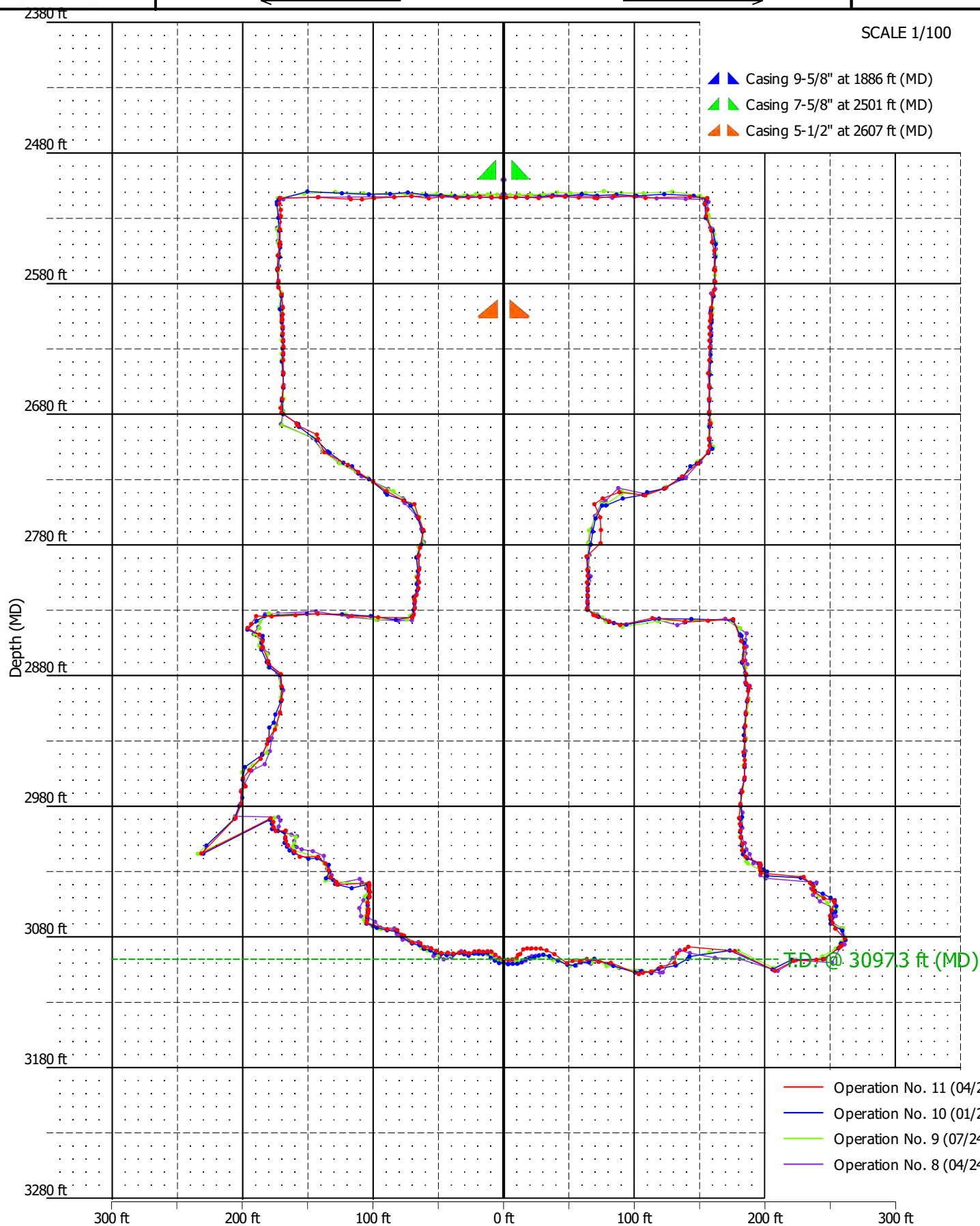


VERTICAL SECTION

N270

7

N90





CUSTOMER : Westlake US 2, LLC

DATE : April 22, 2025

CAVERN : PPG No. 007B

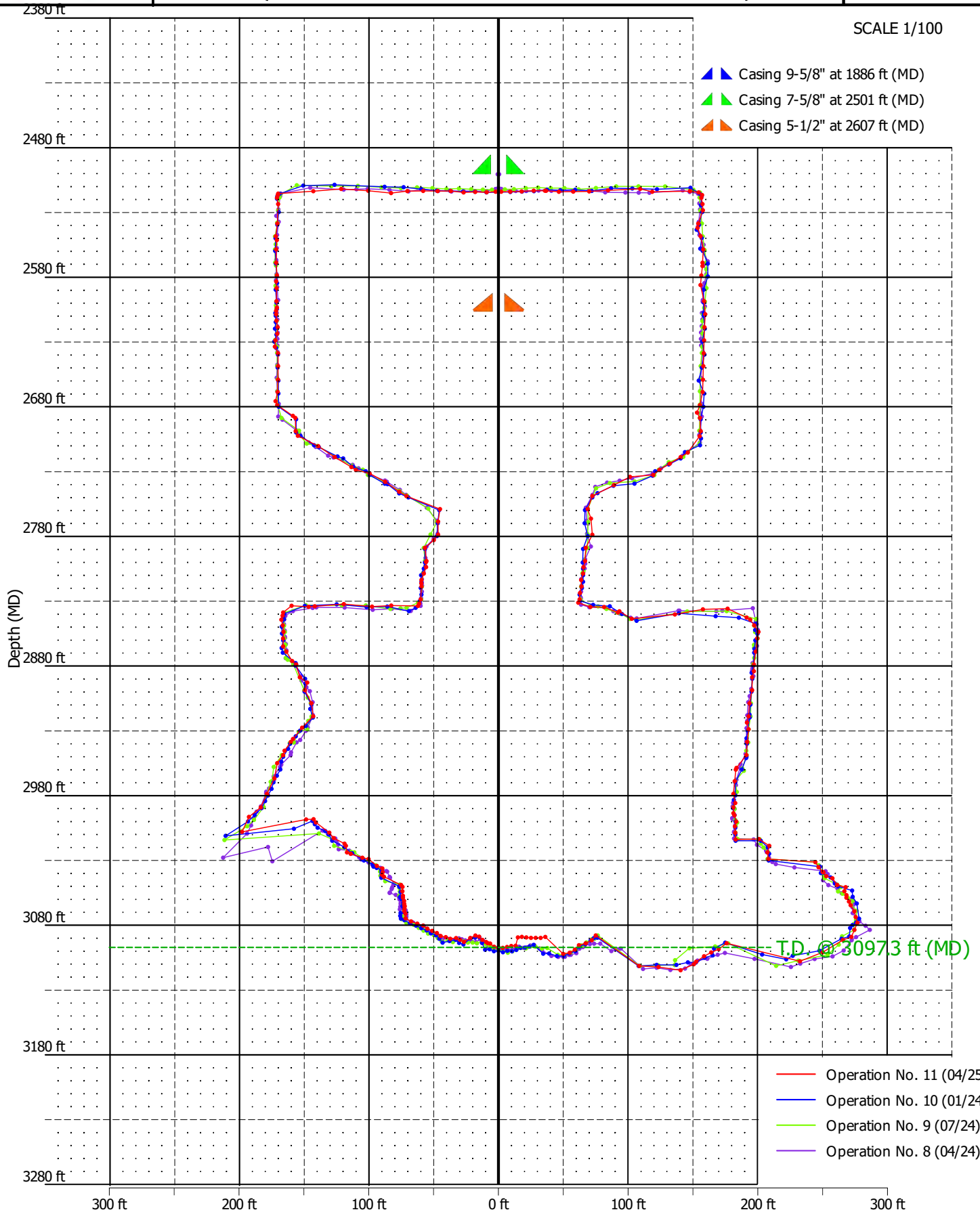
OPERATION No. : 11

**VERTICAL SECTION**

← N285

8

N105 →





CUSTOMER : Westlake US 2, LLC
DATE : April 22, 2025

CAVERN : PPG No. 007B
OPERATION No. : 11

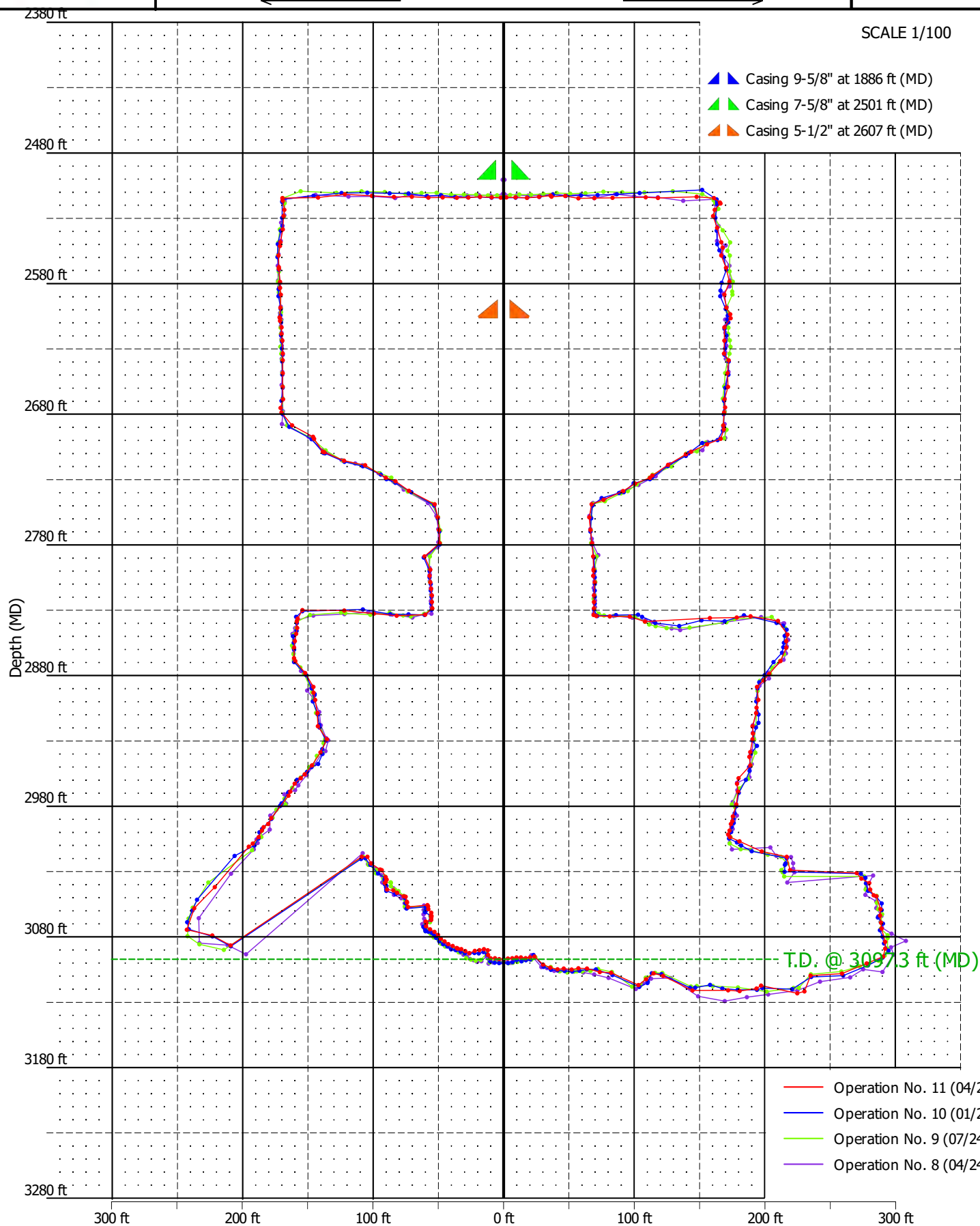


VERTICAL SECTION

N300

9

N120





CUSTOMER : Westlake US 2, LLC

DATE : April 22, 2025

CAVERN : PPG No. 007B

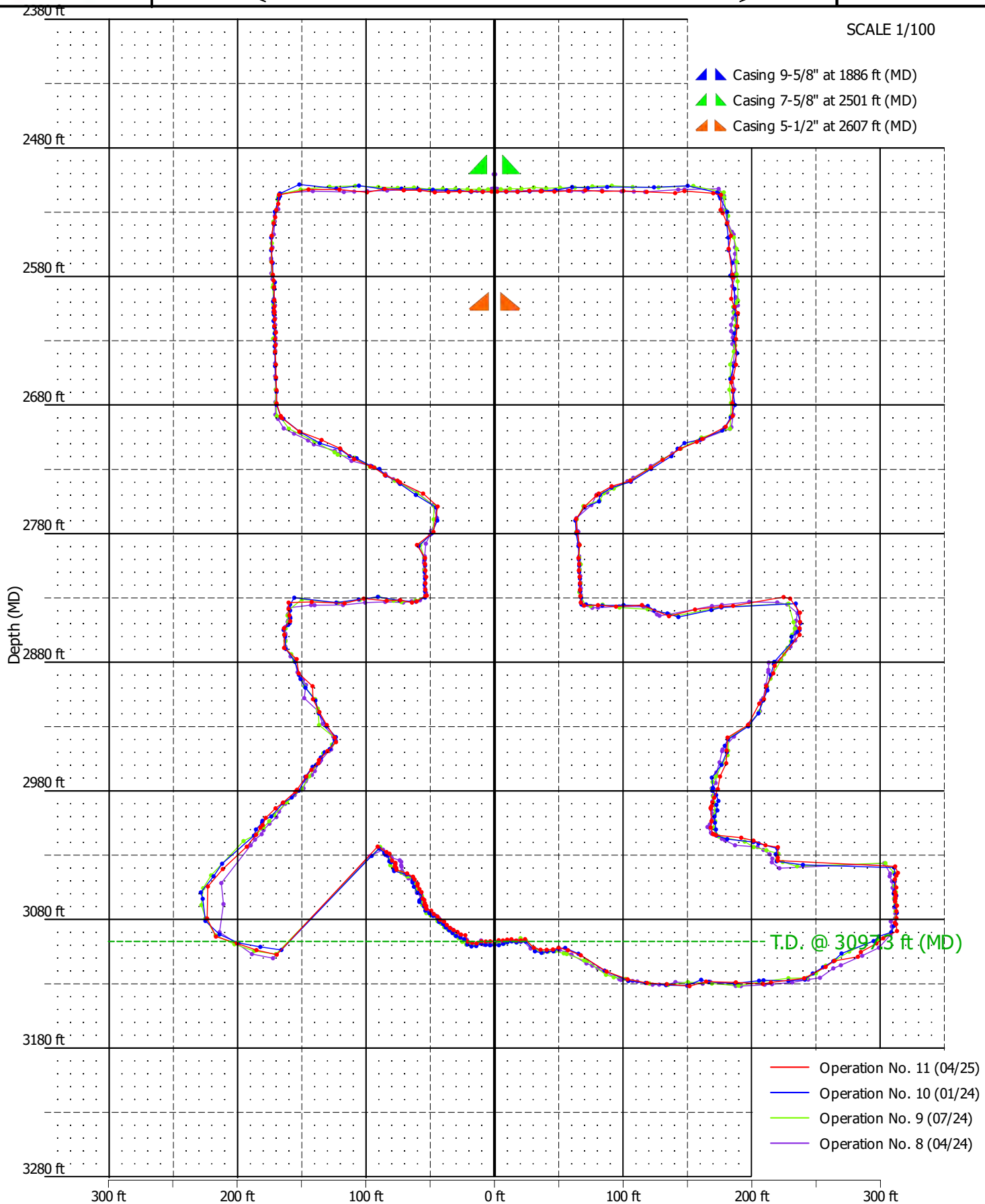
OPERATION No. : 11

**VERTICAL SECTION**

← N315

10

N135 →





CUSTOMER : Westlake US 2, LLC

DATE : April 22, 2025

CAVERN : PPG No. 007B

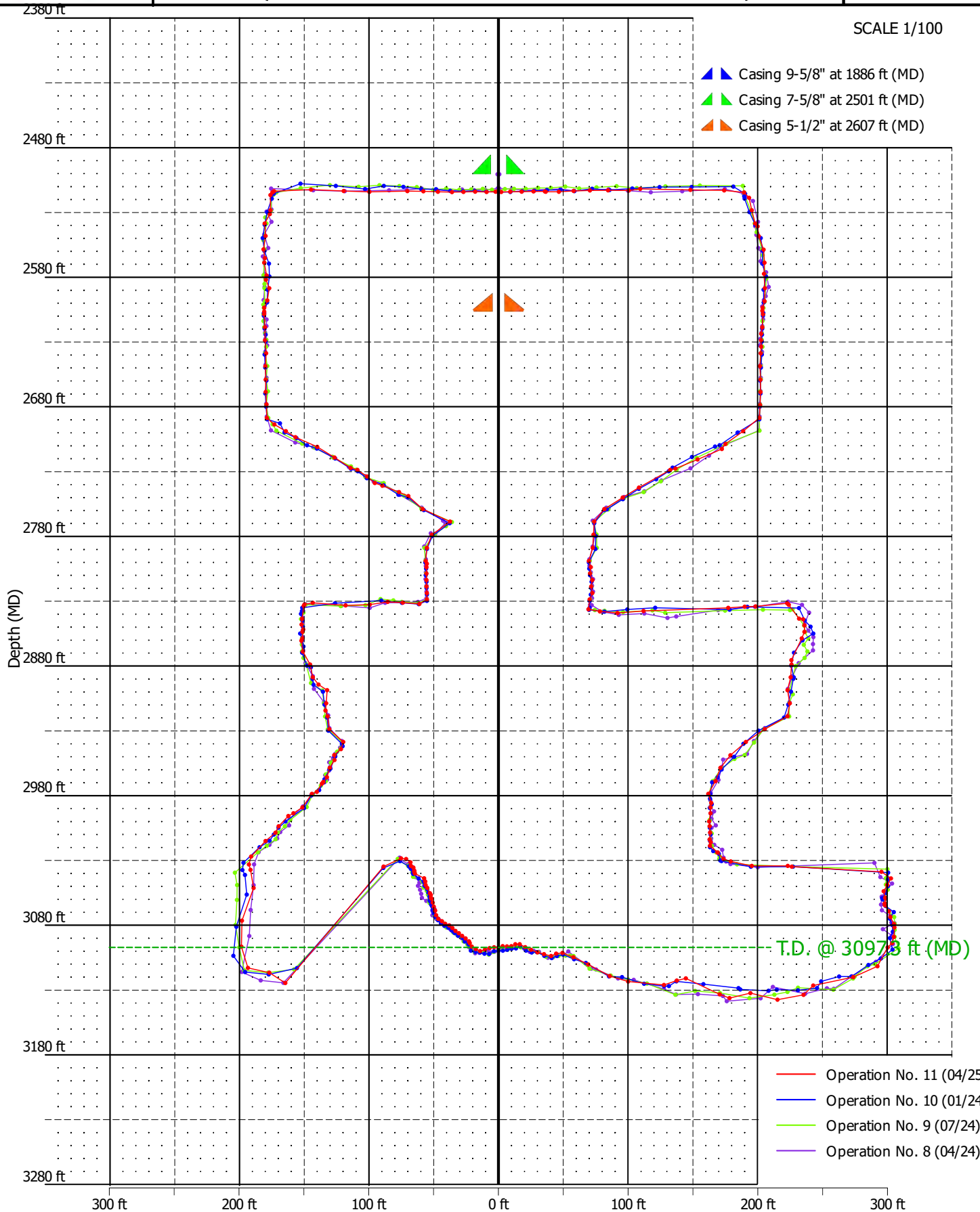
OPERATION No. : 11

**VERTICAL SECTION**

← N330

11

→ N150





CUSTOMER : Westlake US 2, LLC

DATE : April 22, 2025

CAVERN : PPG No. 007B

OPERATION No. : 11

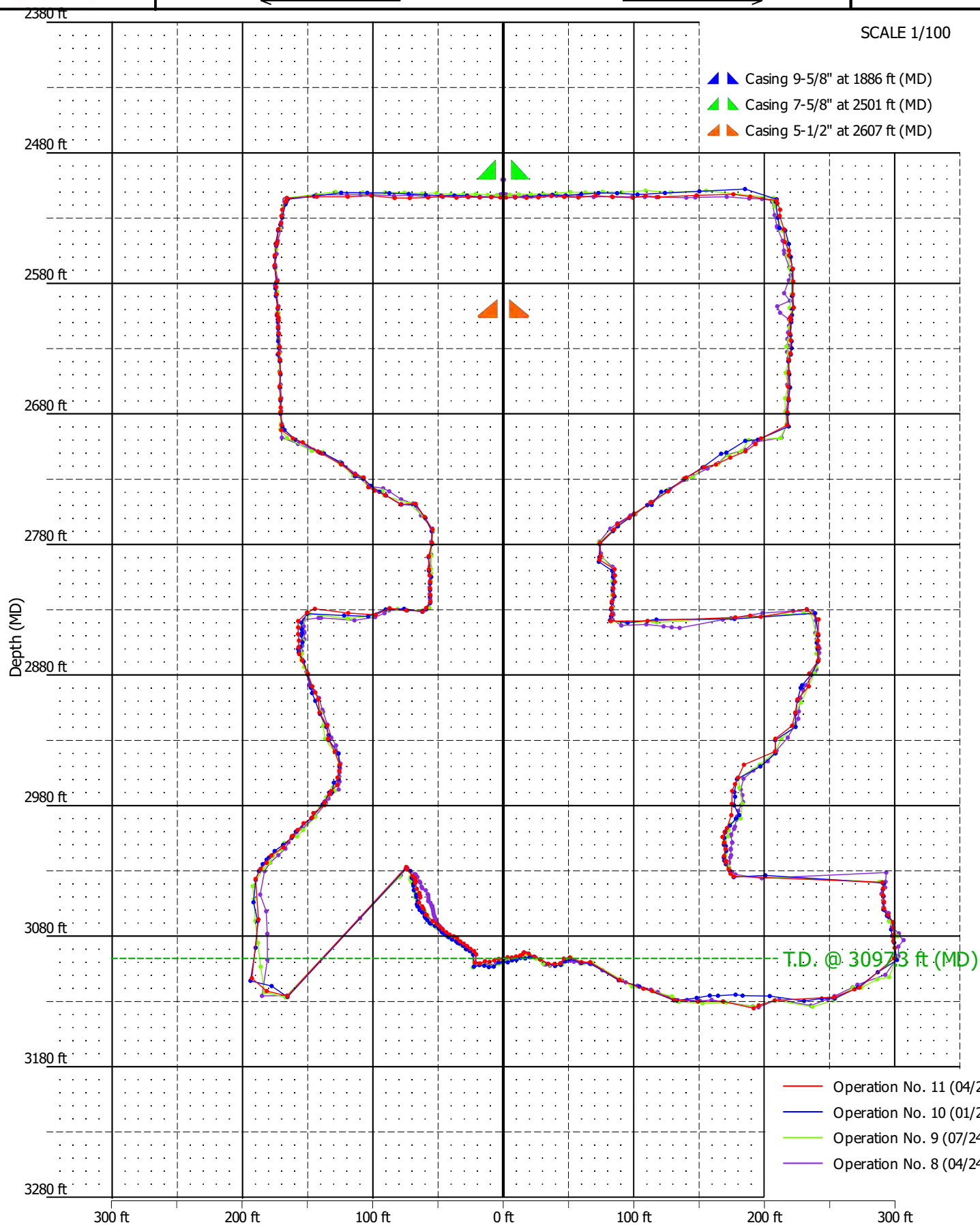


VERTICAL SECTION

N345

12

N165





CUSTOMER : Westlake US 2, LLC
DATE : April 22, 2025

CAVERN : PPG No. 007B
OPERATION No. : 11



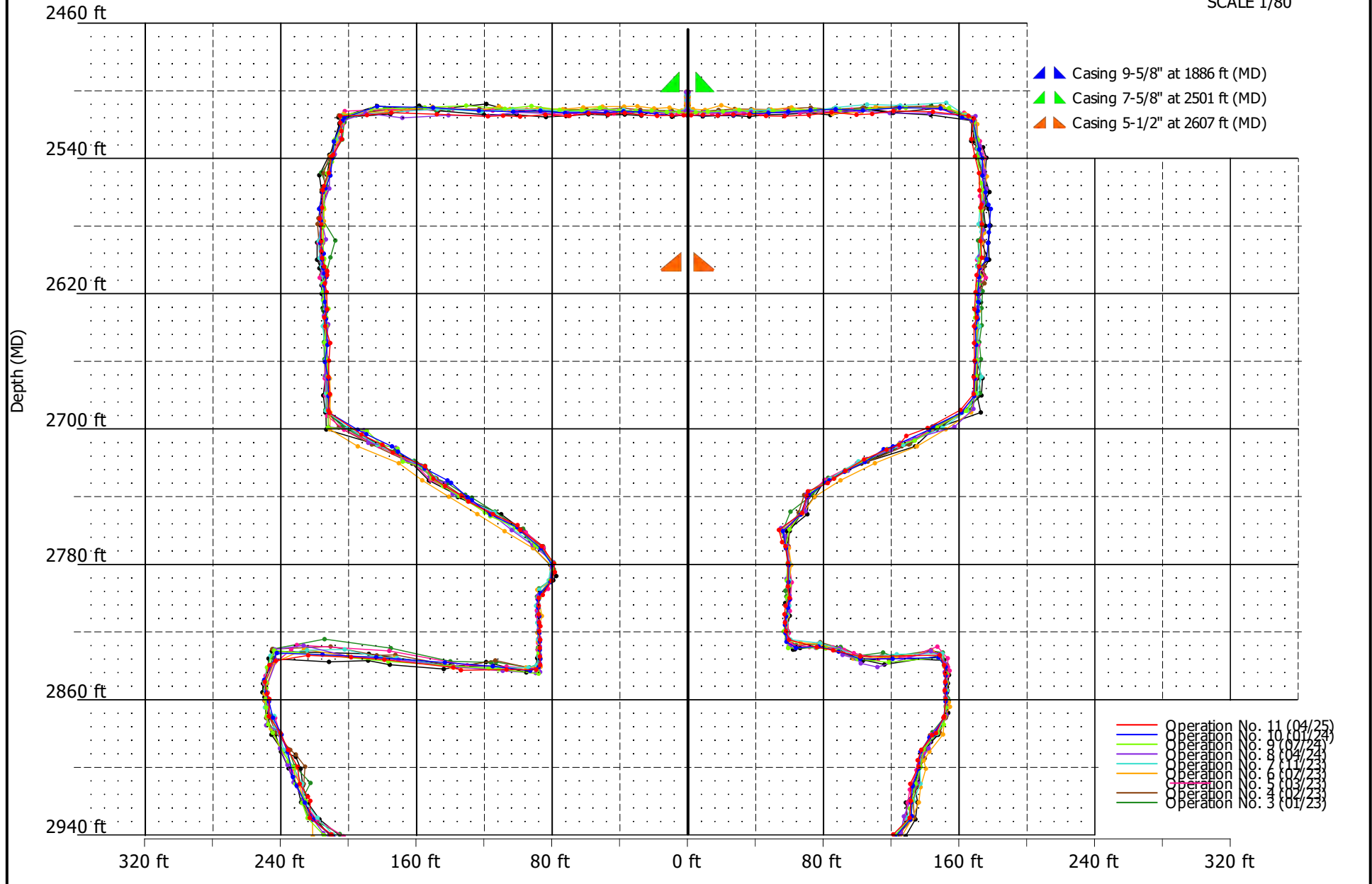
VERTICAL SECTION

← N180

1

N0 →

SCALE 1/80





CUSTOMER : Westlake US 2, LLC
DATE : April 22, 2025

CAVERN : PPG No. 007B
OPERATION No. : 11



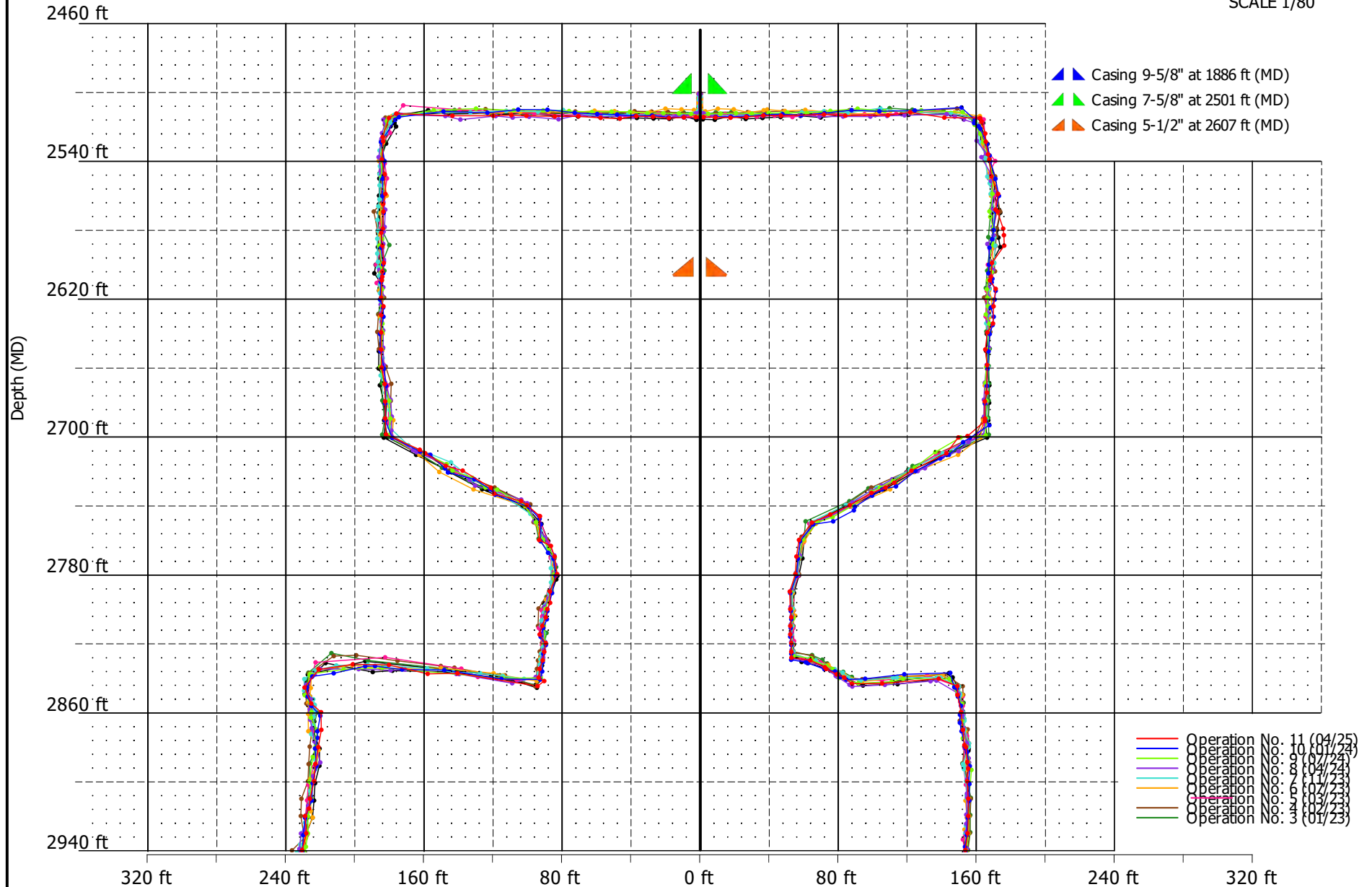
VERTICAL SECTION

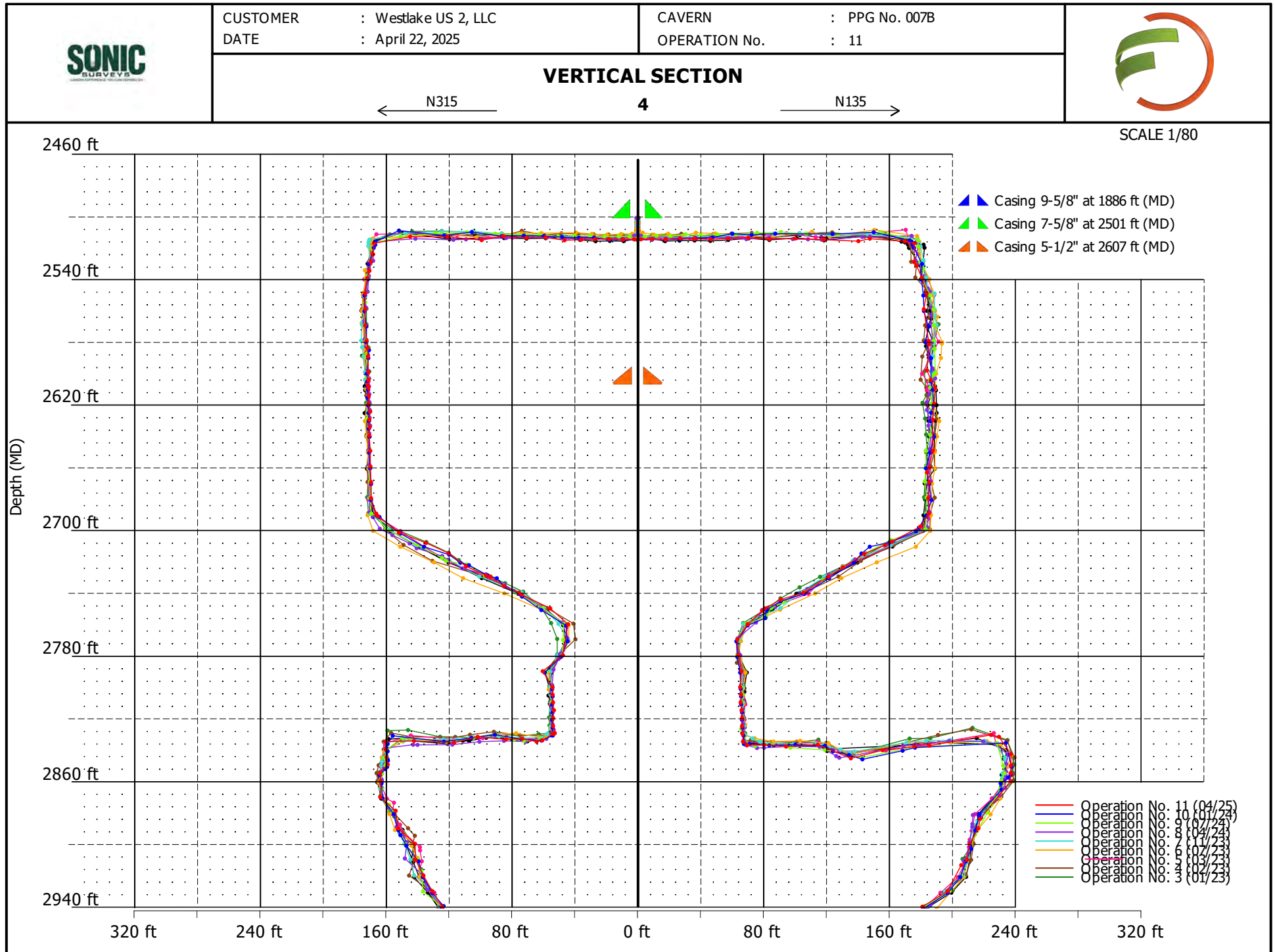
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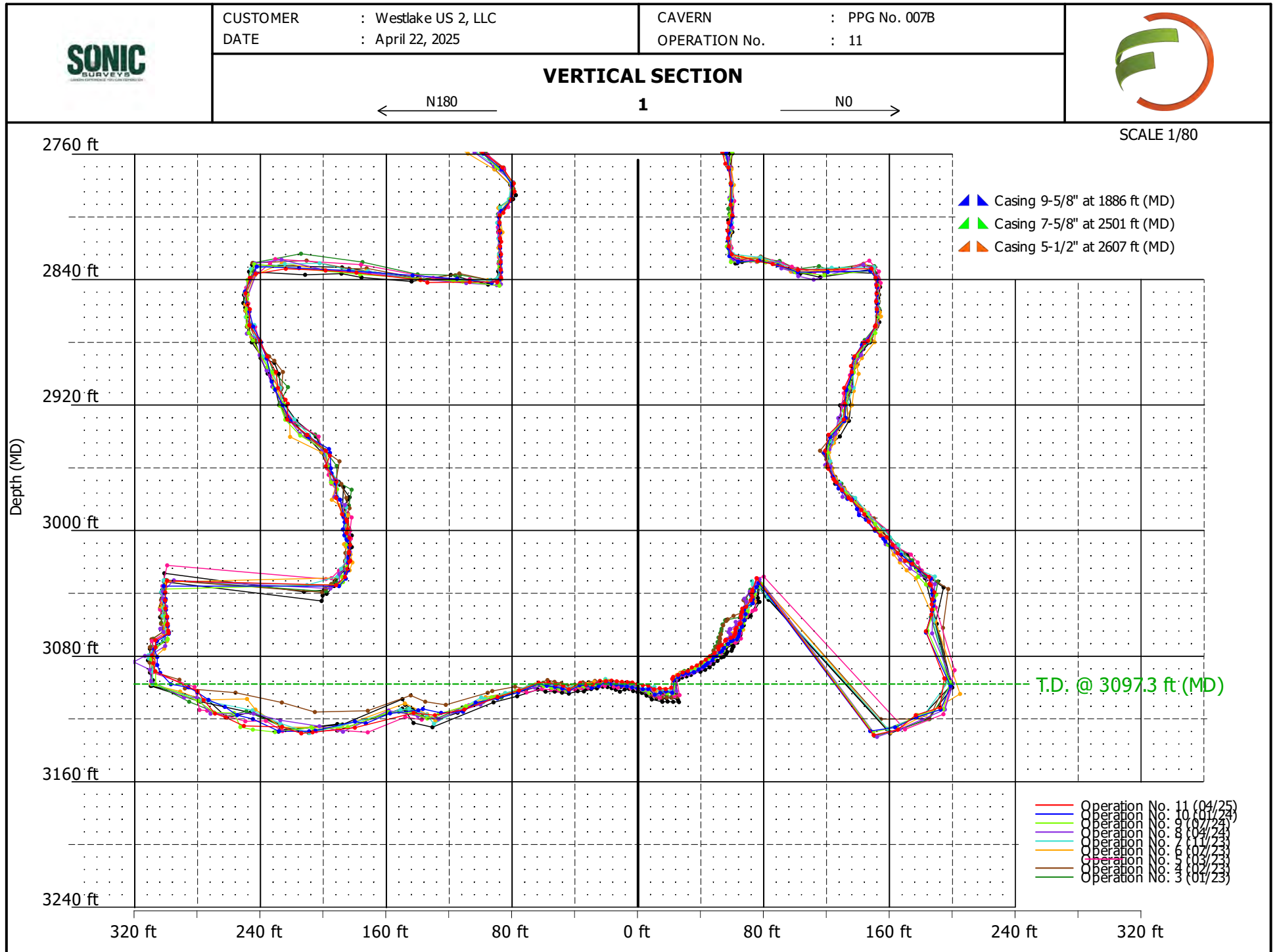
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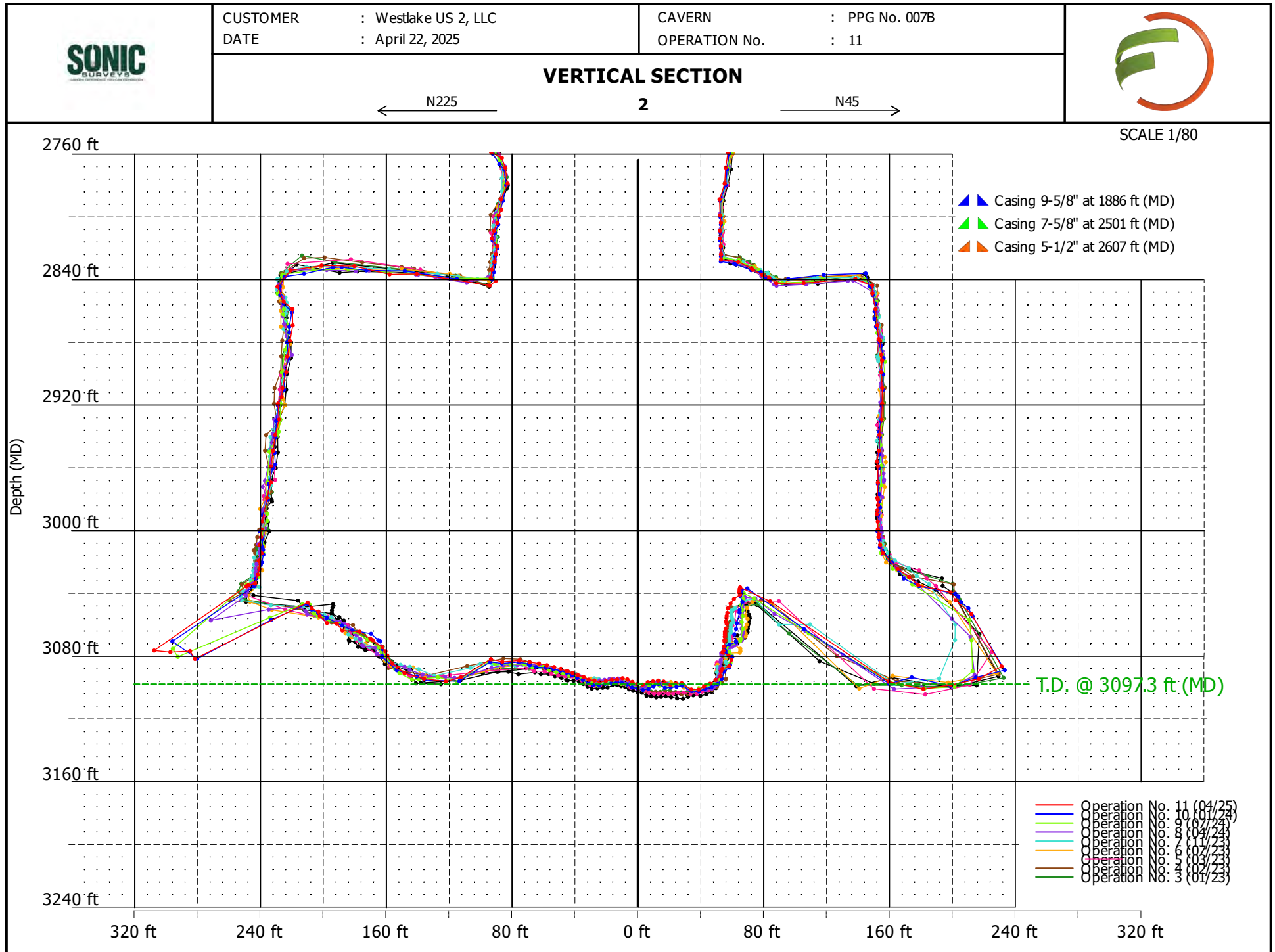
N45 →

SCALE 1/80











CUSTOMER : Westlake US 2, LLC
DATE : April 22, 2025

CAVERN : PPG No. 007B
OPERATION No. : 11



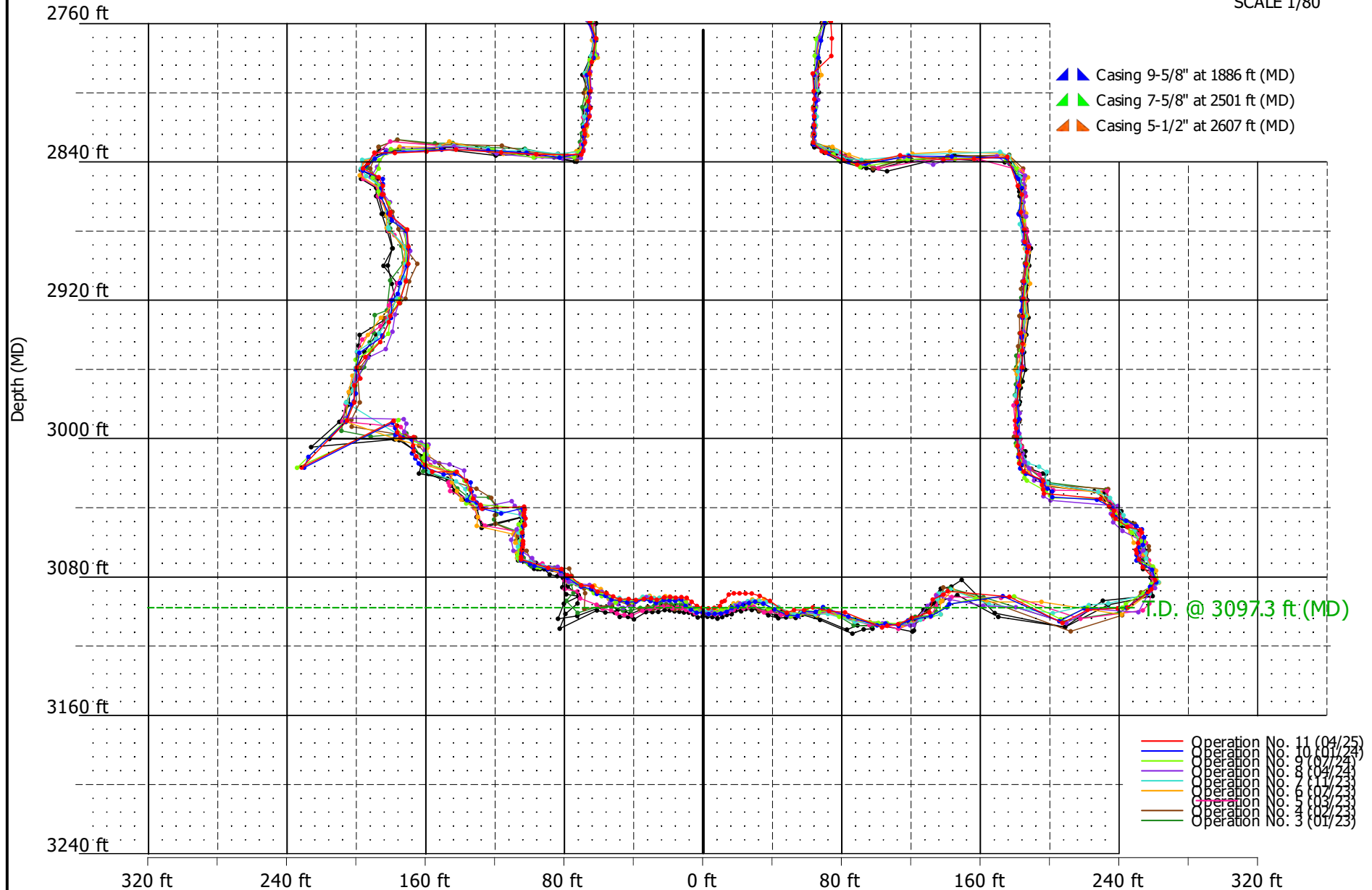
VERTICAL SECTION

← N270

3

→ N90

SCALE 1/80





CUSTOMER : Westlake US 2, LLC
DATE : April 22, 2025

CAVERN : PPG No. 007B
OPERATION No. : 11



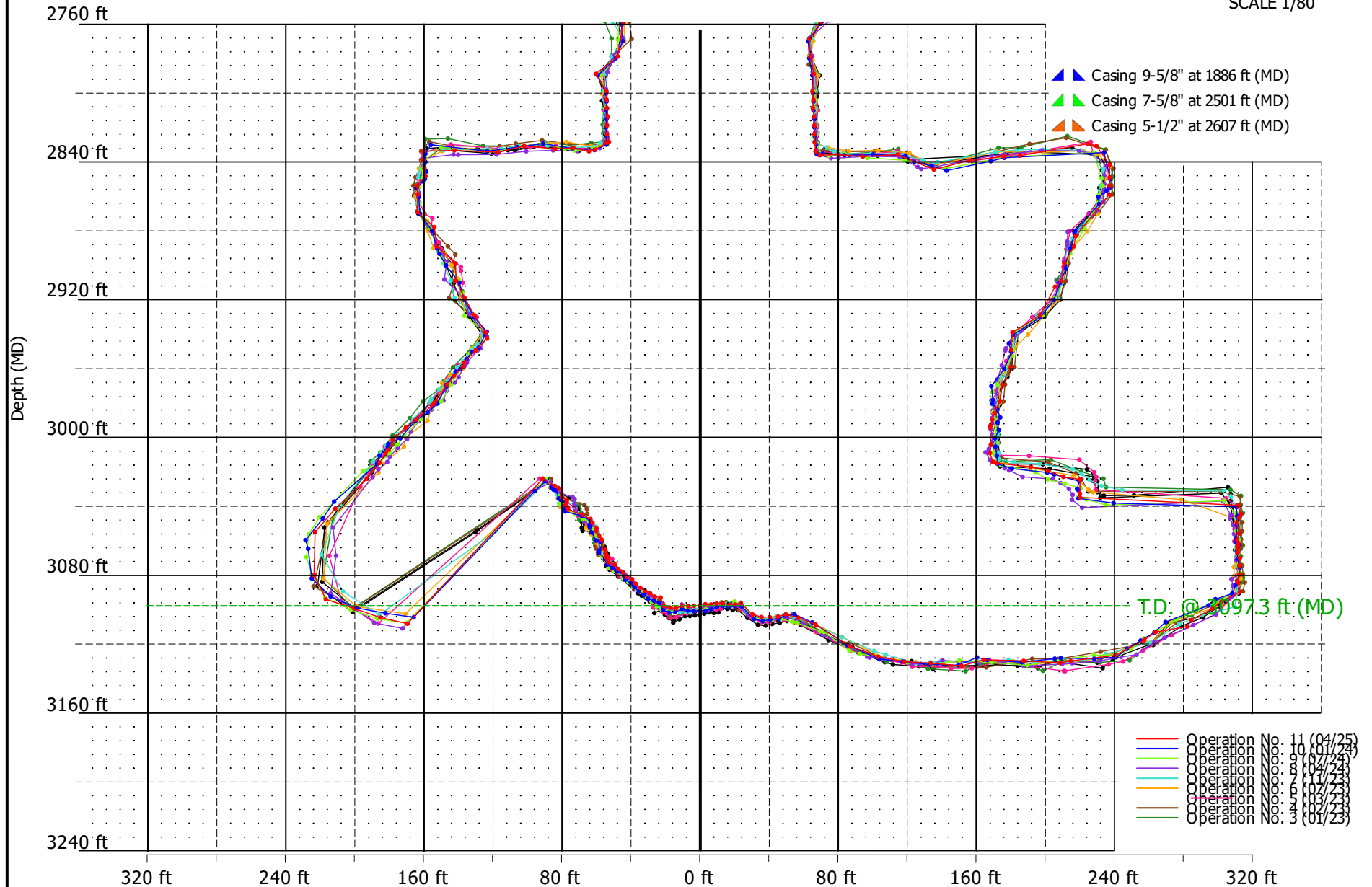
VERTICAL SECTION

← N315

4

N135

SCALE 1/80





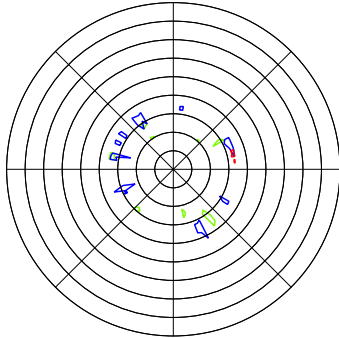
CUSTOMER : Westlake US 2, LLC
DATE : April 22, 2025

CAVERN : PPG No. 007B
OPERATION No. : 11

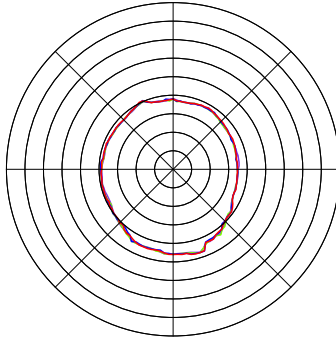


HORIZONTAL SECTIONS between 2510 ft and 2620 ft

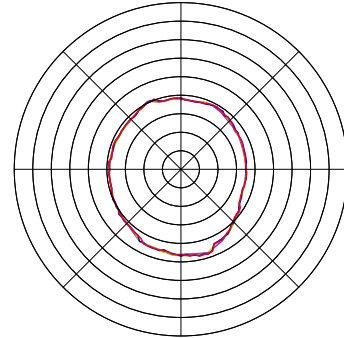
— Operation No. 11 (04/25) — Operation No. 10 (01/24) — Operation No. 9 (07/24) — Operation No. 8 (04/24) SCALE 50.0 ft per division



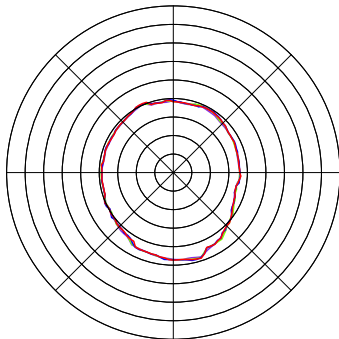
2510 ft / 109.67 ft²



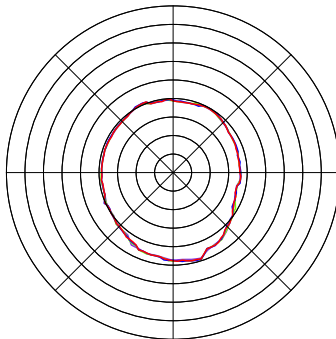
2520 ft / 96005.61 ft²



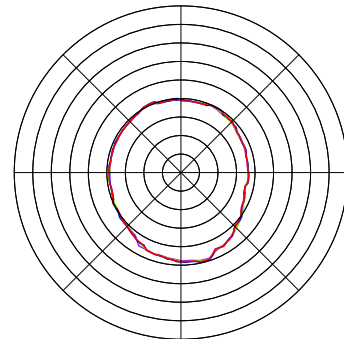
2530 ft / 97670.09 ft²



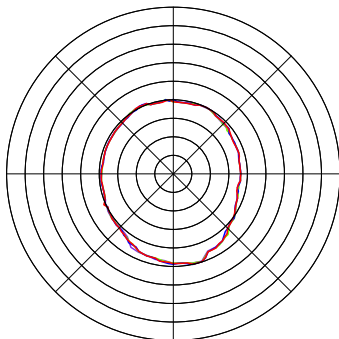
2540 ft / 99275.11 ft²



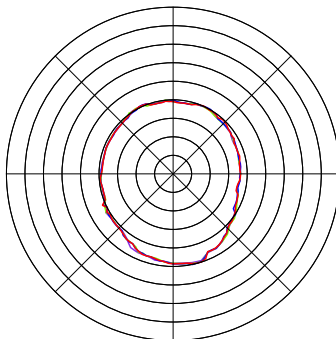
2550 ft / 100778.45 ft²



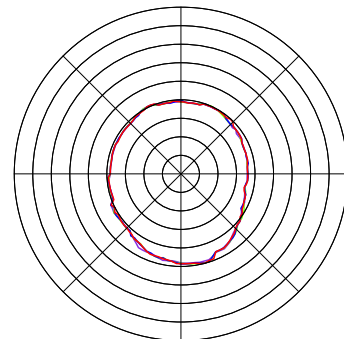
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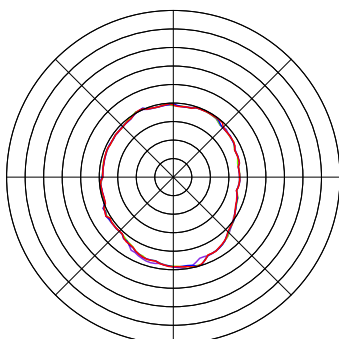
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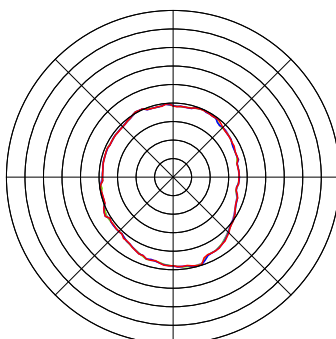
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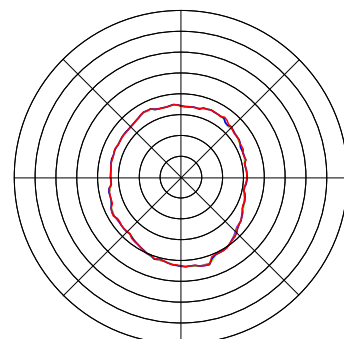
2590 ft / 102543.54 ft²



2600 ft / 102244.39 ft²



2610 ft / 101776.57 ft²



2620 ft / 101158.06 ft²

*All sections are oriented to Magnetic North.

Magnetic Declination= 0.6°



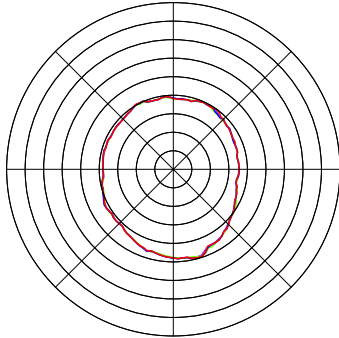
CUSTOMER : Westlake US 2, LLC
DATE : April 22, 2025

CAVERN : PPG No. 007B
OPERATION No. : 11

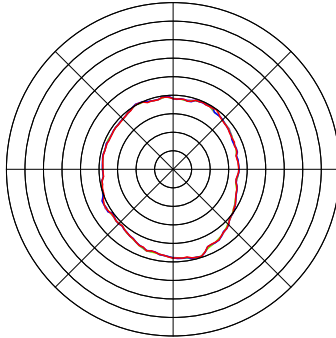


HORIZONTAL SECTIONS between 2630 ft and 2740 ft

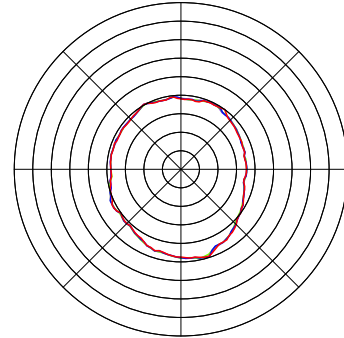
— Operation No. 11 (04/25) — Operation No. 10 (01/24) — Operation No. 9 (07/24) — Operation No. 8 (04/24) SCALE 50.0 ft per division



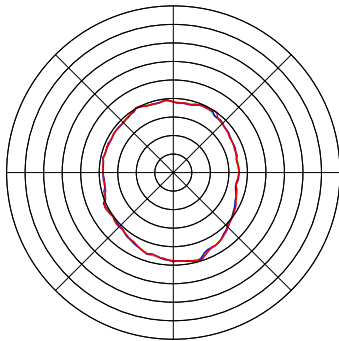
2630 ft / 100884.55 ft²



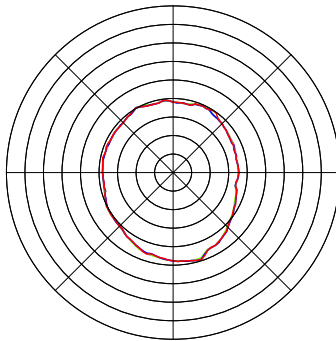
2640 ft / 100316.78 ft²



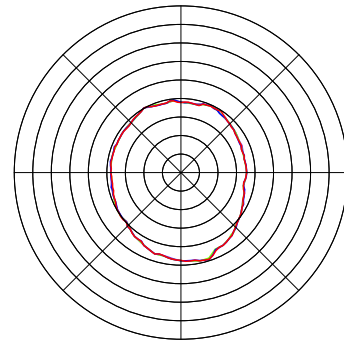
2650 ft / 99922.95 ft²



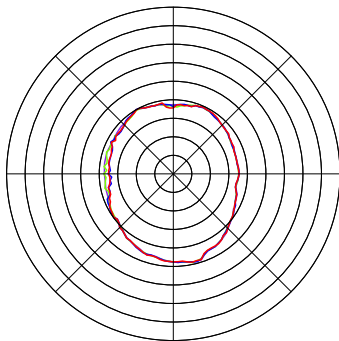
2660 ft / 99551.80 ft²



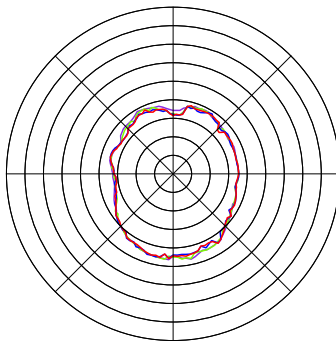
2670 ft / 99293.49 ft²



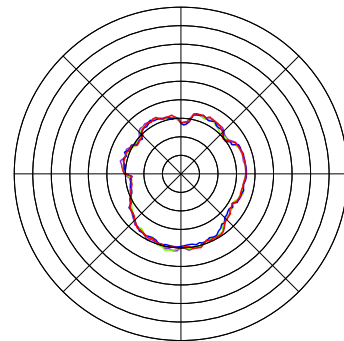
2680 ft / 98626.98 ft²



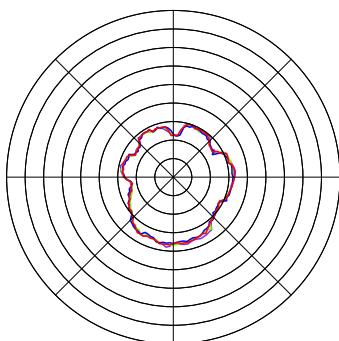
2690 ft / 95810.15 ft²



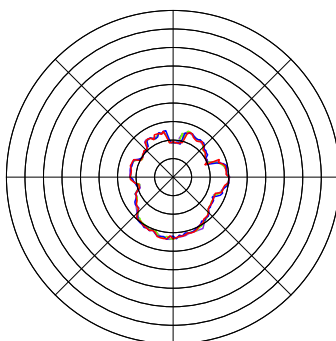
2700 ft / 86552.95 ft²



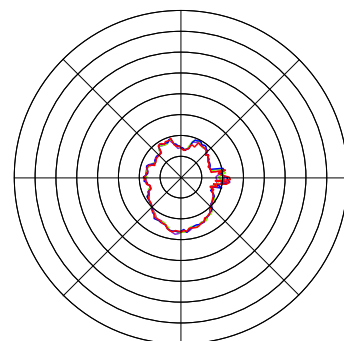
2710 ft / 71103.97 ft²



2720 ft / 55370.86 ft²



2730 ft / 40695.19 ft²



2740 ft / 28003.83 ft²

*All sections are oriented to Magnetic North.

Magnetic Declination= 0.6°



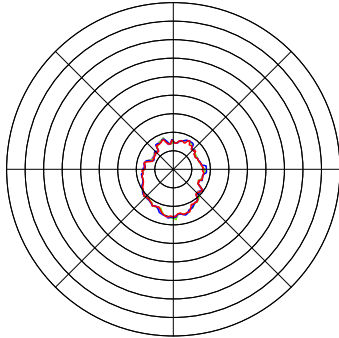
CUSTOMER : Westlake US 2, LLC
DATE : April 22, 2025

CAVERN : PPG No. 007B
OPERATION No. : 11

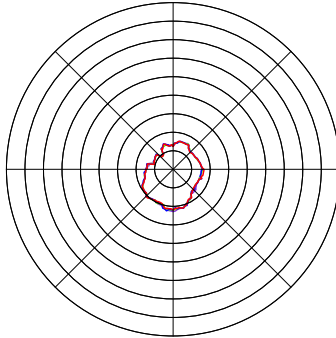


HORIZONTAL SECTIONS between 2750 ft and 2860 ft

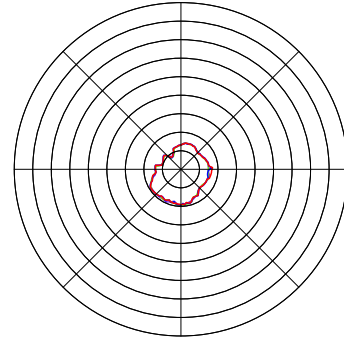
— Operation No. 11 (04/25) — Operation No. 10 (01/24) — Operation No. 9 (07/24) — Operation No. 8 (04/24) SCALE 50.0 ft per division



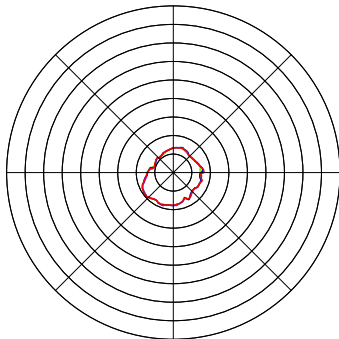
2750 ft / 19745.03 ft²



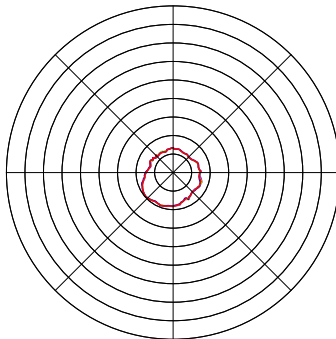
2760 ft / 15840.11 ft²



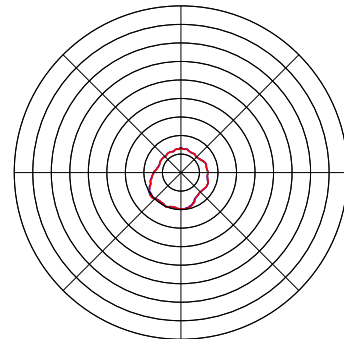
2770 ft / 14094.28 ft²



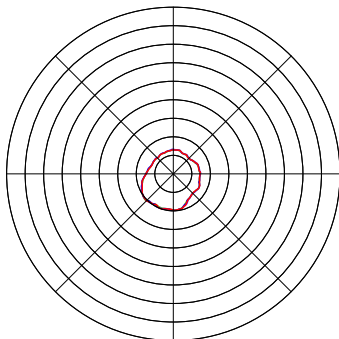
2780 ft / 13825.43 ft²



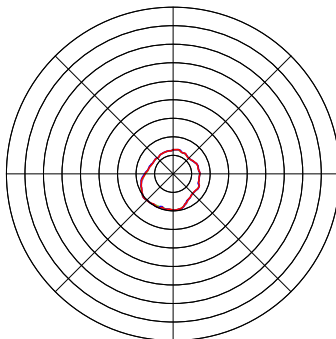
2790 ft / 14174.53 ft²



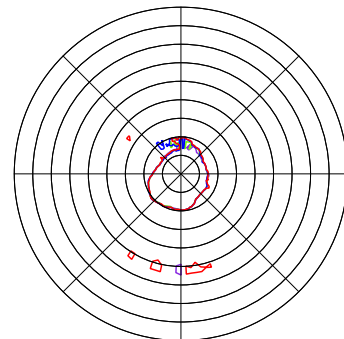
2800 ft / 14763.36 ft²



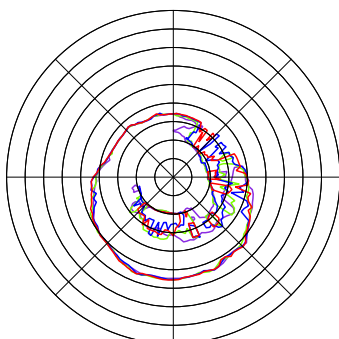
2810 ft / 14825.48 ft²



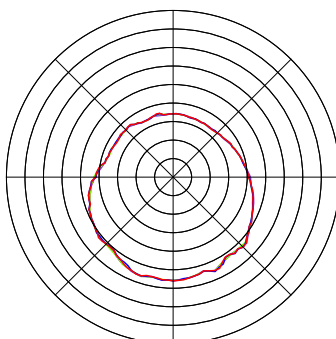
2820 ft / 14881.76 ft²



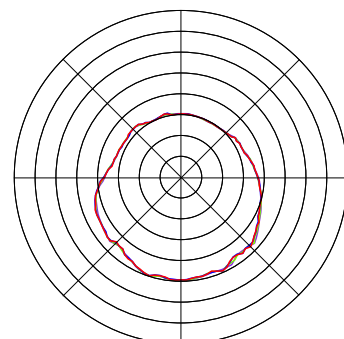
2830 ft / 18322.57 ft²



2840 ft / 105840.25 ft²



2850 ft / 120160.59 ft²



2860 ft / 119603.31 ft²

*All sections are oriented to Magnetic North.

Magnetic Declination= 0.6°



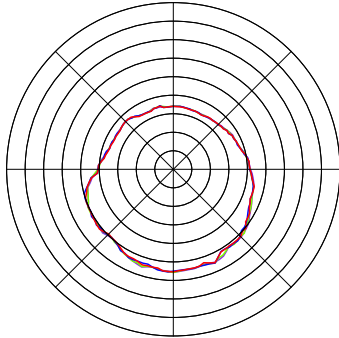
CUSTOMER : Westlake US 2, LLC
DATE : April 22, 2025

CAVERN : PPG No. 007B
OPERATION No. : 11

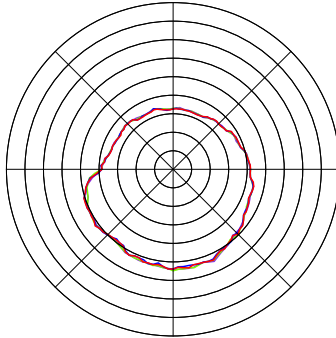


HORIZONTAL SECTIONS between 2870 ft and 2980 ft

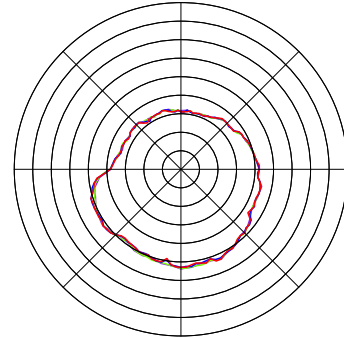
— Operation No. 11 (04/25) — Operation No. 10 (01/24) — Operation No. 9 (07/24) — Operation No. 8 (04/24) SCALE 50.0 ft per division



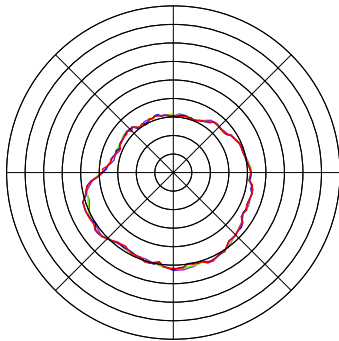
2870 ft / 117837.72 ft²



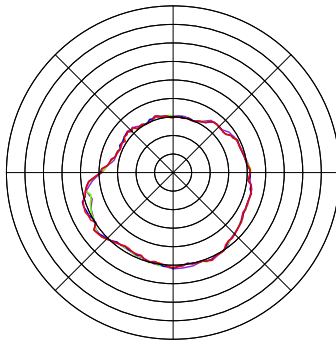
2880 ft / 113751.85 ft²



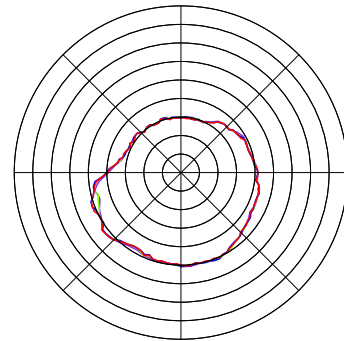
2890 ft / 110618.51 ft²



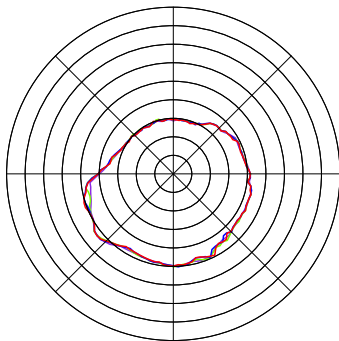
2900 ft / 108206.04 ft²



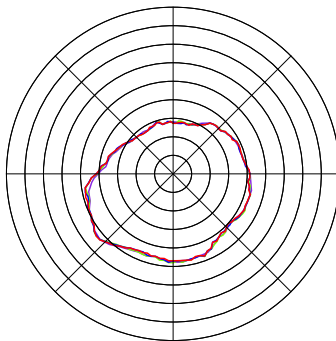
2910 ft / 106747.58 ft²



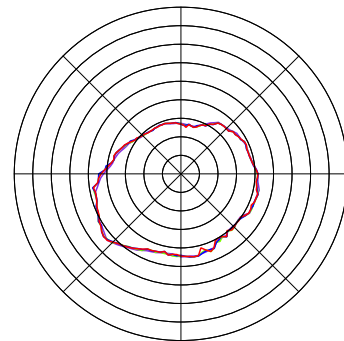
2920 ft / 104848.04 ft²



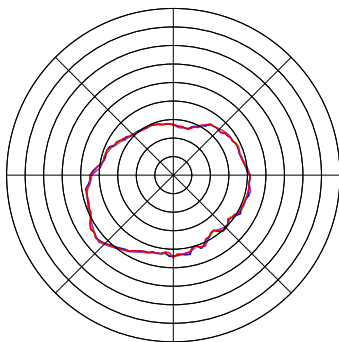
2930 ft / 102282.69 ft²



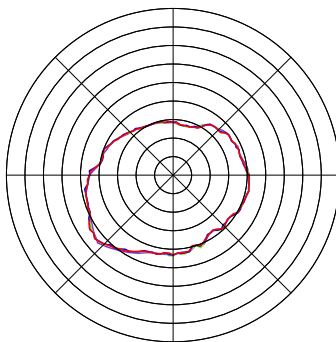
2940 ft / 98434.54 ft²



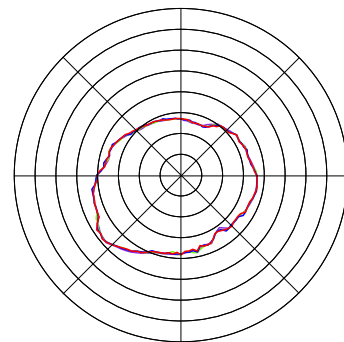
2950 ft / 96376.54 ft²



2960 ft / 95810.35 ft²



2970 ft / 96918.38 ft²



2980 ft / 98617.08 ft²

*All sections are oriented to Magnetic North.

Magnetic Declination= 0.6°



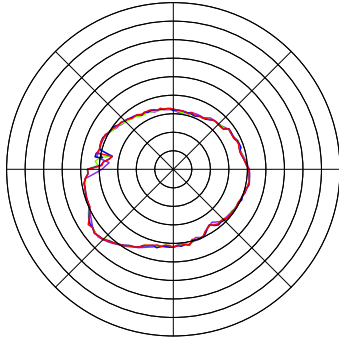
CUSTOMER : Westlake US 2, LLC
DATE : April 22, 2025

CAVERN : PPG No. 007B
OPERATION No. : 11

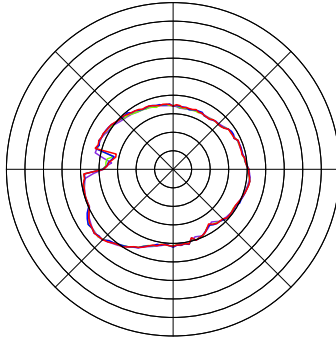


HORIZONTAL SECTIONS between 2990 ft and 3100 ft

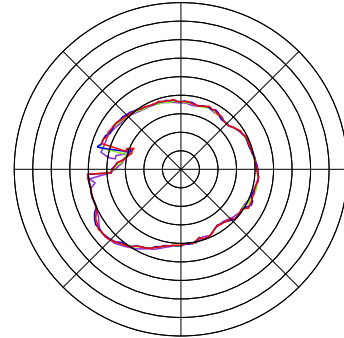
— Operation No. 11 (04/25) — Operation No. 10 (01/24) — Operation No. 9 (07/24) — Operation No. 8 (04/24) SCALE 50.0 ft per division



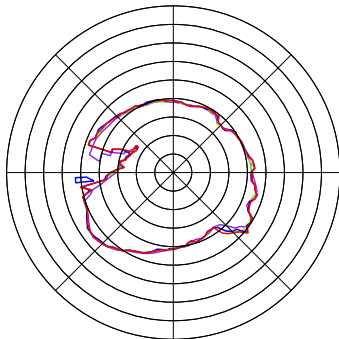
2990 ft / 100779.52 ft²



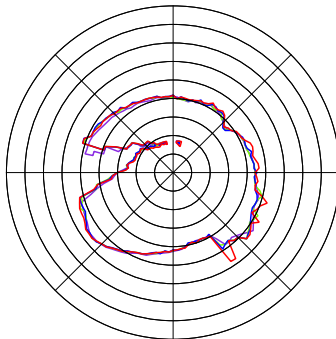
3000 ft / 103016.53 ft²



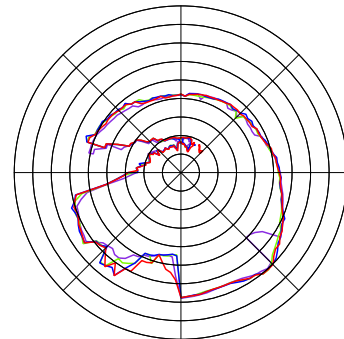
3010 ft / 106516.48 ft²



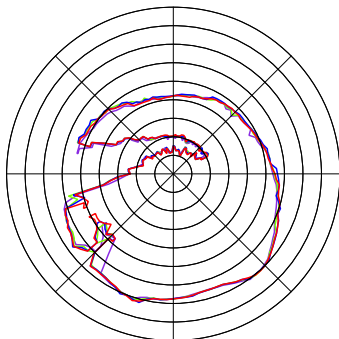
3020 ft / 113129.92 ft²



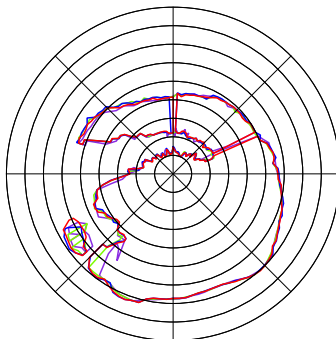
3030 ft / 122268.04 ft²



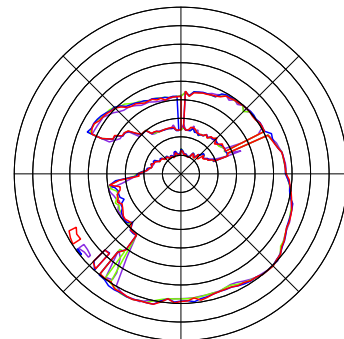
3040 ft / 167121.83 ft²



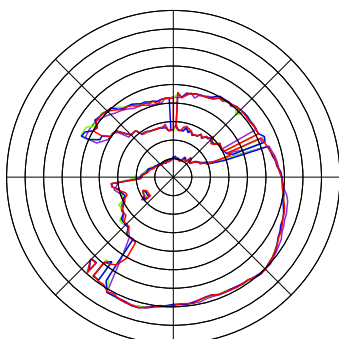
3050 ft / 175883.06 ft²



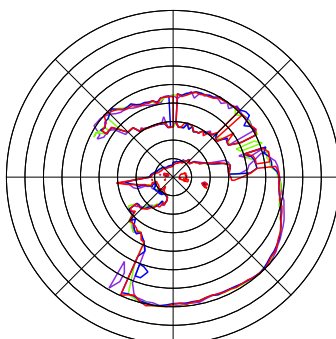
3060 ft / 167921.45 ft²



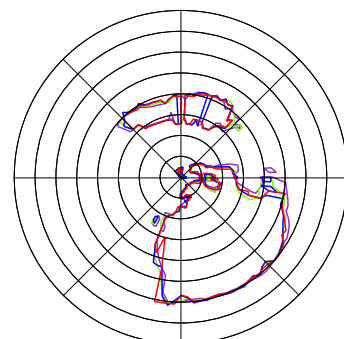
3070 ft / 161202.61 ft²



3080 ft / 151824.63 ft²



3090 ft / 122958.12 ft²



3100 ft / 83134.03 ft²

*All sections are oriented to Magnetic North.

Magnetic Declination= 0.6°



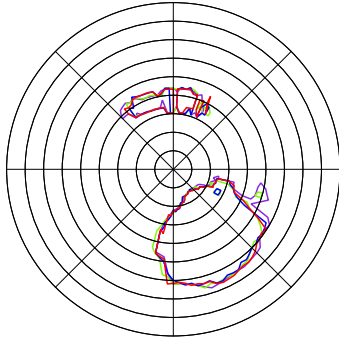
CUSTOMER : Westlake US 2, LLC
DATE : April 22, 2025

CAVERN : PPG No. 007B
OPERATION No. : 11

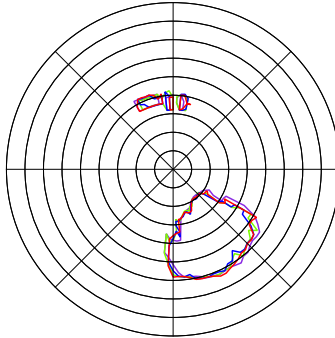


HORIZONTAL SECTIONS between 3110 ft and 3130 ft

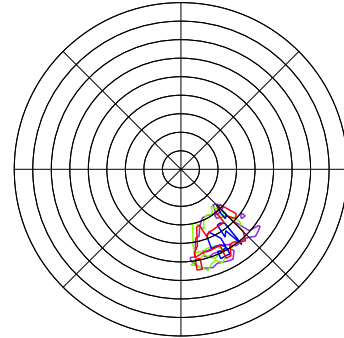
— Operation No. 11 (04/25) — Operation No. 10 (01/24) — Operation No. 9 (07/24) — Operation No. 8 (04/24) SCALE 50.0 ft per division



3110 ft / 52294.04 ft²



3120 ft / 32197.32 ft²



3130 ft / 7536.44 ft²

	CUSTOMER : Westlake US 2, LLC					CAVERN : PPG No. 007B			
	DATE : April 22, 2025					OPERATION No. : 11			
	WALL RANGES VS DEPTH								
DEPTH	2515.1		TILT	0		VOS	5936.20		
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21	
0	165.7	153.8	163.0	150.6	161.8	165.1	164.8	148.4	
24	166.3	164.8	167.5	166.6	164.8	164.8	163.3	162.4	
48	161.8	161.2	158.8	158.8	157.1	158.8	156.8	157.4	
72	157.1	153.4	78.6	155.0	153.8	153.5	155.9	154.4	
96	153.2	154.1	154.1	154.4	158.0	158.3	157.1	156.8	
120	160.9	162.8	173.1	92.2	63.9	125.3	176.7	183.1	
144	185.9	186.2	189.4	191.2	191.2	54.2	98.8	195.9	
168	206.9	112.1	204.3	204.3	204.6	203.1	199.5	197.1	
192	195.7	197.1	200.4	198.6	197.7	196.5	190.9	26.7	
216	82.2	180.8	178.7	179.9	174.6	174.3	172.8	172.8	
240	173.1	103.8	158.8	172.8	173.1	174.9	173.4	172.8	
264	171.0	171.0	171.3	171.3	171.3	168.1	168.9	26.7	
288	134.7	162.9	22.1	170.7	169.2	168.6	168.3	168.9	
312	168.6	44.2	167.2	167.5	168.3	163.7	174.3	179.3	
336	179.0	80.7	165.4	165.7	165.4	165.7	165.4	165.7	
DEPTH	2517.1		TILT	0		VOS	5936.20		
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21	
0	168.7	162.4	162.1	162.1	162.1	164.4	164.8	164.2	
24	166.9	166.6	166.9	167.7	165.7	165.1	163.6	163.3	
48	162.4	160.6	158.8	159.1	157.9	159.6	157.9	157.7	
72	156.8	154.7	155.3	154.1	153.8	153.5	154.9	154.3	
96	153.4	154.4	154.4	157.1	157.7	158.3	156.8	158.2	
120	163.7	169.2	173.4	173.4	172.7	176.1	177.7	185.3	
144	186.5	186.2	191.3	192.1	192.7	207.8	210.2	209.3	
168	207.2	204.3	204.3	203.4	204.6	203.7	201.0	198.6	
192	196.5	198.9	200.4	199.8	199.5	196.7	193.3	189.1	
216	183.8	182.9	179.0	180.6	175.7	175.5	174.6	173.6	
240	174.2	171.3	170.7	173.7	173.5	174.5	174.6	172.8	
264	172.8	172.8	171.5	171.3	171.7	169.5	170.1	170.1	
288	170.1	170.4	169.5	170.7	168.9	169.2	169.2	169.1	
312	168.6	167.5	167.5	170.2	171.3	172.2	175.8	179.6	
336	179.6	171.3	166.8	166.0	164.8	165.6	165.5	166.0	
DEPTH	2519.2		TILT	0		VOS	5936.20		
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21	
0	168.5	164.2	162.7	162.9	163.0	163.6	165.4	166.3	
24	167.9	166.3	168.9	168.9	166.3	165.9	164.0	163.9	
48	162.9	161.5	160.6	158.3	158.8	160.3	159.1	158.0	
72	156.5	155.3	155.0	153.8	154.7	154.4	153.8	154.1	
96	153.5	155.1	155.2	156.5	158.0	156.5	157.2	159.7	
120	166.0	169.6	173.4	174.0	173.7	176.0	178.8	185.3	
144	185.6	187.3	193.3	192.7	192.4	209.0	210.2	209.9	
168	208.7	204.3	205.2	204.3	204.6	204.3	201.7	198.8	
192	197.7	199.2	200.4	199.8	199.2	197.0	193.6	190.0	
216	189.7	186.5	179.0	181.3	177.0	176.8	176.6	174.4	
240	175.4	172.2	174.9	174.6	173.9	174.1	175.2	172.8	
264	172.8	173.0	171.6	171.3	172.1	169.2	170.4	170.7	
288	170.1	171.6	169.2	170.4	168.6	169.5	169.0	169.3	
312	168.6	167.6	168.3	170.0	171.6	173.1	175.8	179.9	
336	179.5	173.4	168.1	167.2	164.9	165.7	166.0	166.3	



CUSTOMER : Westlake US 2, LLC

DATE : April 22, 2025

CAVERN : PPG No. 007B

OPERATION No. : 11

**WALL RANGES VS DEPTH**

DEPTH	2524.1		TILT	0		VOS	5936.20	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	168.0	167.5	164.8	165.7	165.7	163.9	166.9	168.3
24	170.1	170.1	170.9	169.2	167.3	166.6	164.8	165.4
48	164.0	160.0	159.7	159.7	160.9	159.1	159.1	159.4
72	156.2	155.9	155.9	152.6	155.0	155.3	155.9	155.9
96	156.5	156.8	157.1	157.4	158.4	156.8	156.8	157.1
120	161.5	170.7	170.7	170.7	171.0	175.9	181.3	185.6
144	185.9	189.1	194.3	194.2	191.5	210.8	209.9	212.0
168	209.3	205.2	207.3	205.0	204.0	205.4	203.3	199.3
192	196.5	196.5	199.5	198.6	199.5	199.2	193.3	189.4
216	189.4	186.2	180.8	182.9	179.8	179.7	181.0	176.3
240	178.1	173.1	175.2	175.2	174.9	173.1	172.8	173.1
264	173.1	173.5	170.4	172.2	173.1	168.8	171.0	169.8
288	171.3	173.1	171.0	170.7	167.8	168.3	168.3	169.7
312	169.1	168.1	168.3	169.5	173.4	173.4	175.8	180.5
336	179.3	176.8	168.9	169.2	167.8	166.9	166.6	170.1

DEPTH	2528.8		TILT	0		VOS	5936.20	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	167.5	168.1	165.7	166.7	165.4	167.5	167.2	167.5
24	169.8	172.2	172.8	169.5	168.3	167.2	168.1	165.7
48	165.1	160.0	160.0	160.9	159.7	159.7	159.7	158.3
72	157.1	155.9	157.1	155.3	155.0	155.9	155.0	157.4
96	157.1	156.8	157.1	157.7	156.2	156.2	156.2	158.6
120	160.3	169.6	170.7	171.8	172.5	175.8	179.6	186.7
144	187.3	191.5	195.4	195.7	196.0	211.1	211.1	211.7
168	213.5	206.0	209.3	205.7	203.7	204.9	204.9	199.8
192	200.1	200.5	202.8	199.2	199.2	199.5	192.2	189.1
216	188.5	185.3	184.1	183.3	182.4	182.3	182.5	178.1
240	180.8	177.3	177.5	175.2	174.9	173.4	172.8	172.8
264	172.5	174.0	170.4	174.3	174.3	168.3	170.8	170.0
288	172.5	172.8	172.2	168.6	168.3	170.1	168.9	170.1
312	169.5	169.5	170.1	171.9	174.0	174.0	175.8	179.6
336	178.4	180.1	170.1	169.8	168.1	170.7	171.3	171.3

DEPTH	2539.1		TILT	0		VOS	5936.20	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	169.5	169.8	168.9	169.5	168.3	168.6	168.1	171.3
24	171.9	173.1	172.8	173.1	171.6	171.0	170.1	167.8
48	167.8	164.5	163.3	163.0	162.1	163.3	161.8	160.0
72	159.7	159.7	158.8	158.8	157.7	159.0	158.6	162.1
96	159.1	157.2	154.4	154.1	155.2	158.4	159.0	162.0
120	163.8	168.2	171.9	176.7	180.8	180.8	183.2	187.0
144	194.2	194.8	198.0	198.0	196.8	208.7	215.8	214.9
168	213.2	210.8	209.3	209.3	209.9	209.3	205.4	205.2
192	202.2	201.9	201.0	201.0	201.0	201.0	190.0	190.0
216	188.2	184.7	183.8	184.1	182.9	179.3	179.0	179.3
240	177.0	177.4	179.6	177.5	172.2	171.6	171.6	171.6
264	172.2	171.9	171.0	171.9	174.0	169.2	170.4	170.4
288	171.3	170.7	171.0	169.5	168.9	168.9	170.7	171.3
312	171.9	171.6	171.6	173.7	174.3	176.1	180.2	181.4
336	181.4	180.5	171.3	172.2	169.8	169.8	173.4	173.4



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WALL RANGES VS DEPTH

DEPTH	2548.8		TILT	0		VOS	5936.80	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	171.9	170.4	169.8	170.1	170.7	171.0	172.2	173.9
24	174.9	175.7	175.5	174.9	174.0	172.8	172.5	169.0
48	168.7	165.7	163.6	164.5	163.6	163.9	162.7	160.9
72	160.6	161.2	159.5	159.5	159.5	160.3	159.5	162.7
96	162.1	160.6	156.2	155.9	155.9	161.2	161.2	161.8
120	166.6	169.3	176.4	178.5	182.3	183.8	185.0	192.1
144	194.2	199.8	200.7	200.4	199.8	207.8	217.6	215.6
168	216.2	214.4	211.1	213.2	211.4	209.3	207.5	203.7
192	203.7	204.6	202.8	201.6	203.1	195.1	192.1	190.9
216	191.2	186.9	184.0	182.4	182.9	179.3	178.2	178.2
240	175.8	176.1	179.5	176.8	171.9	171.9	170.7	171.0
264	172.8	170.7	171.0	171.3	171.0	171.0	171.0	171.6
288	172.6	172.5	171.8	171.7	170.7	172.2	172.5	172.5
312	171.9	173.1	173.4	173.4	176.4	177.6	179.6	181.0
336	181.2	181.7	173.4	173.1	173.7	171.9	175.2	175.8

DEPTH	2559.0		TILT	0		VOS	5936.80	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	172.2	171.6	172.5	172.2	172.2	171.9	171.9	177.0
24	176.7	177.3	177.3	176.3	173.7	172.8	172.8	172.8
48	169.6	168.1	165.7	165.4	165.4	164.2	164.5	164.5
72	163.2	161.4	160.9	160.9	160.6	160.5	161.2	162.0
96	161.7	161.8	157.7	158.0	161.8	161.8	165.4	165.4
120	166.6	170.7	177.9	178.5	182.0	182.0	189.2	193.1
144	197.6	199.7	204.4	202.0	201.3	209.8	218.8	218.8
168	218.8	215.3	214.1	213.5	215.0	211.7	210.9	208.0
192	206.4	204.9	205.8	205.1	202.8	196.9	194.2	193.1
216	190.9	186.5	186.5	182.0	181.7	181.1	178.8	176.4
240	175.8	178.5	179.3	176.1	171.6	170.7	171.0	172.8
264	173.4	172.8	172.8	173.7	171.0	171.0	171.3	171.3
288	171.3	172.8	171.3	171.0	172.2	172.5	172.8	172.8
312	172.8	173.1	173.4	174.0	176.7	176.7	181.1	180.8
336	181.1	181.2	174.6	174.9	175.8	173.1	178.2	177.9

DEPTH	2569.3		TILT	0		VOS	5936.80	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	172.8	172.2	172.2	172.2	172.5	172.5	173.1	176.7
24	177.3	178.2	177.0	176.7	171.9	171.9	171.9	172.5
48	171.0	171.0	168.1	165.4	163.0	162.7	163.6	163.9
72	164.5	164.5	160.6	160.3	160.6	160.9	161.2	160.9
96	161.5	158.3	157.4	157.4	160.9	164.2	165.4	167.8
120	170.4	174.9	177.6	179.9	182.5	183.5	193.0	195.4
144	199.5	200.1	205.2	204.9	204.6	215.0	221.5	221.8
168	221.5	216.2	215.9	215.3	215.3	212.6	212.0	212.3
192	206.7	207.0	207.0	205.2	203.4	204.6	195.4	193.7
216	191.7	187.4	186.5	183.2	183.4	182.1	181.9	179.3
240	178.4	176.1	182.3	175.6	173.2	172.1	172.5	171.9
264	173.1	173.2	173.1	172.8	171.0	171.0	171.3	171.3
288	172.5	172.5	171.9	171.9	171.9	172.2	173.1	172.8
312	172.8	173.1	173.7	175.5	175.8	177.7	180.5	181.4
336	179.9	180.8	174.8	174.8	174.0	173.6	176.2	178.2



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**WALL RANGES VS DEPTH**

DEPTH	2579.1		TILT	0		VOS	5936.80	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	173.7	171.3	171.3	171.3	171.9	171.9	174.7	177.0
24	178.8	177.0	175.8	177.3	174.9	172.5	175.8	175.8
48	173.4	170.4	169.3	167.5	169.6	163.6	164.2	163.6
72	163.6	165.4	163.3	160.6	160.6	160.6	161.8	161.5
96	160.1	156.8	156.2	156.5	163.9	164.8	166.9	167.8
120	172.8	176.1	178.8	181.1	181.4	185.0	192.4	194.8
144	199.0	202.9	204.9	205.6	204.3	217.9	222.4	222.1
168	220.0	217.0	216.5	215.9	215.9	215.0	211.7	210.5
192	208.1	206.1	207.3	207.0	203.3	200.1	193.9	193.6
216	192.3	188.2	185.3	183.5	183.5	182.9	182.9	179.6
240	183.5	177.0	185.9	174.6	173.2	172.8	172.5	173.7
264	175.2	175.2	172.2	170.7	170.4	170.4	170.7	170.7
288	171.3	172.5	171.9	171.6	171.0	171.9	171.9	171.9
312	171.9	172.2	173.7	174.3	176.7	179.1	178.8	180.5
336	180.2	179.4	174.0	173.1	173.7	173.1	175.2	174.0

DEPTH	2588.9		TILT	0		VOS	5936.80	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	172.8	172.8	170.7	172.2	172.5	171.0	176.4	175.8
24	176.4	175.8	176.1	175.5	174.3	173.0	176.7	176.4
48	169.0	169.0	169.0	168.4	167.5	163.6	163.9	162.7
72	163.0	163.0	163.0	161.5	160.3	159.5	160.1	160.3
96	160.3	158.8	154.8	156.4	162.1	164.8	164.8	167.8
120	169.0	174.9	174.9	181.7	181.7	184.7	191.1	194.3
144	198.4	202.5	205.5	204.9	204.9	219.1	218.5	221.8
168	220.0	216.7	216.2	215.9	215.9	215.9	210.5	208.7
192	208.7	206.1	206.4	206.7	203.4	198.9	194.8	193.0
216	192.1	187.4	186.5	183.8	183.8	183.2	181.4	179.6
240	183.8	177.6	183.8	172.5	172.5	173.4	173.4	173.4
264	173.7	174.9	169.8	169.8	169.8	169.8	169.8	171.0
288	171.9	171.6	172.5	169.8	170.4	171.6	171.6	171.6
312	171.3	171.3	172.2	175.2	175.8	176.1	176.7	180.5
336	180.5	180.2	173.4	173.4	173.7	172.8	175.8	174.0

DEPTH	2599.0		TILT	0		VOS	5937.80	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	173.5	170.5	169.6	171.4	171.1	171.1	175.8	175.2
24	175.2	176.1	175.8	175.8	176.4	176.1	176.1	169.3
48	167.8	167.8	167.8	167.8	167.2	165.7	160.9	161.4
72	161.9	162.2	163.0	157.7	158.4	158.9	158.9	159.5
96	158.6	157.7	154.5	158.6	159.8	162.4	163.8	166.3
120	170.5	174.3	177.3	180.2	182.1	184.5	191.0	195.2
144	198.7	201.4	205.2	205.2	204.3	213.5	218.8	222.4
168	220.9	217.4	216.5	215.0	215.3	215.0	211.7	210.6
192	206.1	206.9	207.9	205.2	203.1	199.3	194.4	192.4
216	192.4	188.6	183.2	182.9	183.8	183.8	183.2	180.3
240	187.4	183.8	183.2	174.6	173.4	173.4	174.3	174.2
264	175.2	175.7	169.0	169.9	169.9	169.9	170.5	171.1
288	171.4	172.3	172.3	170.2	170.8	171.1	172.0	171.7
312	170.8	171.1	172.5	172.8	172.8	176.1	178.5	180.3
336	179.5	175.3	174.0	172.5	172.3	174.0	174.3	176.7



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WALL RANGES VS DEPTH

DEPTH	2604.0		TILT	0		VOS	5937.80	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	172.0	169.6	169.6	170.6	171.4	170.5	175.4	173.7
24	175.5	176.4	175.5	174.7	175.2	175.5	175.5	168.9
48	167.1	167.2	166.3	166.3	166.3	165.4	161.3	161.6
72	161.6	161.9	158.6	157.4	157.7	158.3	158.6	158.9
96	158.3	155.3	154.4	159.0	162.8	163.3	164.5	168.0
120	173.4	174.6	178.5	179.4	182.3	186.5	192.6	198.7
144	199.2	201.6	203.7	204.6	204.3	211.4	219.8	220.7
168	219.2	217.1	216.5	215.0	214.1	213.5	213.5	208.5
192	205.4	204.3	207.3	203.7	202.5	198.1	194.2	191.8
216	190.1	190.1	182.9	183.8	183.5	183.2	183.8	182.9
240	185.3	185.0	180.9	174.3	174.3	174.3	174.9	174.9
264	176.1	169.0	169.0	169.3	169.6	170.2	170.2	170.8
288	172.3	171.4	172.3	169.6	171.2	171.1	171.6	171.7
312	170.5	171.1	171.4	174.9	174.3	177.2	180.6	180.3
336	179.7	173.4	173.1	173.1	173.2	172.3	175.5	176.4

DEPTH	2606.3		TILT	0		VOS	5937.80	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	171.3	169.3	171.1	170.2	170.4	171.2	175.3	176.3
24	175.8	175.0	175.1	174.2	175.7	175.5	173.9	168.7
48	166.7	166.8	166.1	165.1	165.1	164.7	160.8	161.2
72	162.2	161.6	156.3	157.8	158.5	158.8	158.8	158.5
96	158.2	153.8	154.6	159.2	162.8	163.1	165.2	168.8
120	173.7	176.0	178.7	179.7	183.5	187.7	193.3	198.6
144	199.5	203.5	203.5	203.8	204.1	209.8	221.1	219.9
168	217.8	215.2	216.5	215.0	212.5	213.3	208.5	208.5
192	205.0	207.5	207.0	202.0	202.2	194.9	194.6	191.4
216	189.4	189.7	183.4	183.8	183.8	183.2	183.6	182.1
240	186.6	185.3	181.5	174.5	174.3	174.6	175.6	176.4
264	175.4	169.0	169.5	169.5	169.8	170.9	171.1	171.4
288	171.1	172.3	172.2	169.9	171.4	171.1	171.4	170.5
312	170.9	171.3	172.3	174.5	174.8	177.8	180.6	179.6
336	179.5	173.0	172.7	172.3	173.6	172.1	176.7	176.4

DEPTH	2607.0		TILT	0		VOS	5937.80	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	171.1	169.3	170.8	170.5	170.2	171.3	175.2	176.4
24	175.8	174.9	174.9	173.4	175.8	175.5	173.4	168.7
48	166.6	166.7	166.0	164.8	164.8	164.5	160.7	161.1
72	162.1	161.5	156.5	157.7	158.0	159.2	158.6	158.2
96	158.2	153.8	154.6	159.3	162.8	163.0	165.0	169.0
120	173.7	176.4	178.8	179.7	183.8	188.1	193.3	198.5
144	199.5	203.5	203.6	204.0	204.0	209.4	221.2	219.8
168	217.4	214.7	216.5	215.0	212.3	213.3	208.5	208.6
192	204.9	207.0	206.9	201.3	202.2	194.5	191.5	191.3
216	189.2	189.7	183.5	183.8	183.8	183.2	183.5	181.9
240	186.9	185.4	181.6	174.6	174.3	174.6	175.8	176.4
264	175.2	169.0	169.6	169.6	169.9	171.1	171.1	171.4
288	171.1	172.3	172.2	169.9	171.1	171.1	171.4	170.2
312	171.1	171.4	172.2	174.5	174.8	177.9	180.6	179.4
336	179.5	173.4	172.3	172.0	173.5	172.1	176.5	176.4



CUSTOMER : Westlake US 2, LLC
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WALL RANGES VS DEPTH

DEPTH	2609.0		TILT	0		VOS	5937.80	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	170.5	169.0	171.1	170.5	170.5	172.0	174.6	175.9
24	176.1	175.5	174.9	173.7	175.8	174.9	172.0	168.1
48	166.6	166.5	165.7	165.1	163.6	164.5	161.6	160.7
72	161.9	161.2	156.2	157.4	158.0	158.9	158.0	157.4
96	158.1	153.8	154.7	159.5	162.8	162.8	164.3	167.8
120	172.3	175.5	178.6	180.0	183.5	189.2	193.0	198.1
144	199.2	203.3	204.0	204.6	203.8	207.9	221.2	220.1
168	217.4	214.6	215.9	215.0	212.3	213.2	208.8	208.6
192	204.9	207.0	206.6	201.6	201.9	194.5	191.8	191.0
216	188.6	189.4	183.8	184.1	184.1	182.6	183.3	181.2
240	188.0	185.6	182.2	174.6	174.3	174.6	175.2	176.7
264	174.9	169.3	169.6	169.3	169.6	170.8	171.1	171.4
288	171.1	172.3	172.1	169.9	171.1	171.1	171.4	170.2
312	170.8	171.1	171.8	174.6	174.9	178.2	180.6	179.4
336	179.4	173.7	172.8	172.0	173.4	172.0	176.1	176.4

DEPTH	2613.9		TILT	89		VOS	5937.80	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	98.8	99.0	99.0	99.0	98.8	99.0	99.0	99.0
24	99.0	98.8	99.0	99.0	98.8	99.0	99.0	99.0
48	99.0	99.0	99.0	98.8	99.0	99.0	98.8	98.8
72	99.0	99.0	99.0	99.0	99.0	99.0	99.0	98.8
96	99.0	99.0	98.8	99.0	98.8	99.0	99.0	99.0
120	99.0	99.0	99.0	99.0	99.0	99.0	99.0	98.8
144	99.0	99.0	98.8	99.0	99.0	98.8	99.0	98.8
168	99.0	98.8	99.0	98.8	98.8	99.0	99.0	98.8
192	99.0	99.0	99.0	99.0	99.0	98.8	98.8	99.0
216	99.0	99.0	98.8	99.0	99.0	99.0	98.8	99.0
240	99.0	99.0	99.0	98.8	99.0	99.0	99.0	98.8
264	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
288	99.0	98.8	99.0	99.0	98.8	99.0	99.0	99.0
312	98.8	99.0	99.0	99.0	98.8	98.8	99.0	99.0
336	98.8	98.8	99.0	98.8	99.0	99.0	99.0	99.0

DEPTH	2613.9		TILT	85		VOS	5937.80	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	99.4	99.4	99.4	99.4	99.2	99.2	99.4	99.2
24	99.4	99.4	99.2	99.0	99.2	99.2	99.0	99.2
48	99.2	99.4	99.2	99.0	99.0	99.2	99.2	99.2
72	99.2	99.2	99.4	99.4	99.2	99.4	99.4	99.4
96	99.4	99.2	99.4	99.4	99.4	99.4	99.4	99.6
120	99.4	99.4	99.4	99.2	99.4	99.4	99.4	99.4
144	99.4	99.4	99.4	99.2	99.4	99.2	99.4	99.4
168	99.4	99.2	99.2	99.2	99.2	99.2	99.2	99.4
192	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
216	99.4	99.4	99.2	99.2	99.2	99.4	99.2	99.2
240	99.4	99.2	99.2	99.4	99.2	99.4	99.2	99.2
264	99.2	99.2	99.4	99.6	99.2	99.2	99.2	99.0
288	99.2	99.2	99.0	99.2	99.4	99.0	99.4	99.4
312	99.4	99.2	99.2	99.2	99.4	99.2	99.2	99.2
336	99.4	99.4	99.4	99.4	99.2	99.2	99.2	99.2



CUSTOMER : Westlake US 2, LLC

DATE : April 22, 2025

CAVERN : PPG No. 007B

OPERATION No. : 11

**WALL RANGES VS DEPTH**

DEPTH	2613.9		TILT	80		VOS	5937.80	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	100.2	100.4	100.4	100.6	100.4	100.8	101.0	101.2
24	100.6	100.6	101.0	100.6	101.0	100.4	100.4	100.2
48	101.0	100.8	100.8	100.8	100.2	100.4	100.0	101.0
72	100.4	100.2	100.2	100.4	100.6	100.2	100.8	101.2
96	100.4	101.2	100.4	100.8	100.6	100.4	100.8	100.6
120	100.2	100.4	100.4	100.6	100.6	100.4	100.6	100.6
144	101.0	100.4	100.6	100.4	101.0	100.8	100.2	100.2
168	100.2	100.8	100.2	100.2	100.0	101.0	100.6	100.4
192	100.4	100.6	100.8	101.0	101.0	100.8	100.2	100.4
216	100.2	100.4	100.6	100.0	100.2	100.0	100.2	100.2
240	101.0	100.8	100.4	100.6	100.6	100.6	100.4	100.8
264	100.6	100.8	100.8	100.4	100.4	100.2	100.4	100.4
288	100.4	100.4	100.4	100.2	101.0	100.4	100.2	100.4
312	101.2	100.8	100.4	100.4	100.4	100.4	100.6	100.8
336	100.8	100.8	100.8	100.4	100.4	100.4	100.4	100.4

DEPTH	2613.9		TILT	75		VOS	5937.80	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	102.8	102.6	102.6	102.8	102.6	102.8	103.0	102.6
24	103.2	103.2	103.4	103.2	102.8	102.6	103.2	102.6
48	103.2	103.2	103.2	102.2	103.2	103.0	102.8	102.6
72	103.4	102.6	102.6	102.6	103.0	102.0	102.0	103.4
96	102.8	102.4	102.6	103.4	102.6	103.0	102.4	103.0
120	103.0	103.0	102.6	103.2	103.0	103.2	103.2	102.6
144	102.6	102.4	102.8	102.8	102.8	102.8	102.6	102.4
168	102.0	102.6	102.2	102.2	102.6	102.2	102.6	102.0
192	103.0	103.0	102.8	102.8	102.0	102.0	102.0	102.0
216	103.0	102.2	102.8	102.8	103.0	103.0	103.2	102.0
240	102.4	102.2	102.8	103.0	102.6	102.6	102.6	102.4
264	102.6	102.0	102.4	102.0	102.6	102.4	102.6	102.0
288	102.2	102.2	101.6	102.4	102.4	102.2	102.2	102.6
312	102.8	102.6	102.2	102.4	102.4	102.6	102.4	103.0
336	102.6	102.6	102.4	102.8	102.6	102.4	102.8	102.8

DEPTH	2613.9		TILT	70		VOS	5937.80	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	105.8	105.2	105.2	105.4	105.6	105.4	105.4	105.8
24	105.2	105.4	105.4	105.4	105.2	106.4	106.4	106.4
48	105.2	105.0	105.6	105.8	105.2	105.8	105.6	105.6
72	105.4	105.6	105.8	106.4	105.6	105.8	106.0	106.4
96	106.2	106.7	106.7	106.2	106.2	106.9	106.2	106.9
120	106.0	106.2	105.4	105.8	105.8	105.8	105.2	106.0
144	105.8	106.4	105.4	105.4	106.0	106.4	106.4	106.4
168	105.4	106.4	106.4	106.4	106.7	106.4	106.0	104.8
192	105.8	105.6	104.8	106.4	106.4	105.6	105.0	106.0
216	105.4	105.2	105.6	106.0	105.6	104.8	106.2	105.6
240	105.8	105.6	105.6	106.4	104.6	105.2	106.0	106.0
264	105.4	105.4	105.5	105.6	106.2	105.8	105.6	106.0
288	105.2	105.4	105.5	105.5	105.5	106.0	106.0	106.1
312	105.5	105.4	105.5	105.5	105.5	105.5	105.5	106.0
336	105.5	105.5	105.5	105.5	105.5	106.6	105.5	105.8



CUSTOMER : Westlake US 2, LLC
DATE : April 22, 2025

CAVERN : PPG No. 007B
OPERATION No. : 11



WALL RANGES VS DEPTH

DEPTH	2613.9		TILT	65		VOS	5937.80	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	108.7	109.7	109.7	110.4	110.3	110.0	109.7	110.9
24	110.3	109.4	109.7	109.1	110.0	109.7	110.3	110.3
48	108.4	110.0	109.4	109.4	109.1	110.6	109.7	110.6
72	110.3	110.3	109.4	109.4	109.7	110.0	110.0	110.0
96	110.0	110.0	109.7	109.4	109.7	110.0	110.0	110.0
120	110.6	109.4	109.4	109.7	110.0	109.4	109.4	110.0
144	110.0	109.1	109.4	110.3	109.7	109.4	109.7	109.7
168	110.6	110.9	110.3	110.3	109.7	110.0	110.3	109.7
192	110.0	110.3	110.3	110.3	109.7	109.7	110.3	109.4
216	109.4	109.1	109.7	108.4	108.7	109.1	109.1	109.4
240	109.1	110.3	109.7	109.4	108.7	109.4	108.7	108.7
264	108.7	108.7	110.0	110.0	109.1	109.4	110.0	110.0
288	109.7	109.7	109.7	109.4	109.4	109.7	109.7	110.0
312	109.1	108.7	109.4	110.0	109.4	110.0	109.4	109.7
336	110.0	110.0	110.0	110.3	109.4	109.7	109.7	110.0

DEPTH	2613.9		TILT	60		VOS	5937.80	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	113.7	115.5	114.6	116.2	116.2	114.9	114.9	114.9
24	114.3	114.3	114.6	114.9	114.6	114.0	113.4	116.1
48	115.5	114.6	115.5	113.7	114.3	114.3	115.5	114.3
72	114.3	115.2	114.9	114.0	114.6	114.6	114.3	114.3
96	114.3	115.8	114.9	114.6	114.3	113.4	114.3	115.2
120	113.7	114.6	113.7	114.3	114.6	115.2	116.2	116.2
144	115.8	115.5	115.2	115.2	113.7	113.7	115.8	114.3
168	115.2	114.9	115.8	116.2	115.5	115.2	114.3	114.0
192	113.7	115.8	115.2	114.9	114.6	114.3	114.0	115.8
216	115.5	115.5	114.6	114.0	114.3	114.0	115.2	115.2
240	115.5	115.5	114.6	114.0	115.5	115.5	114.3	114.9
264	115.2	114.9	113.7	113.1	114.6	114.6	115.2	115.2
288	114.3	114.3	114.3	115.2	114.3	114.0	115.2	114.9
312	115.2	115.8	115.5	114.6	115.8	115.8	114.9	115.8
336	115.2	115.2	115.8	114.3	114.6	116.5	114.0	114.0

DEPTH	2613.9		TILT	55		VOS	5937.80	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	121.2	123.9	121.4	122.9	123.2	120.5	122.3	121.1
24	123.8	122.6	121.3	121.3	120.8	120.5	122.3	123.2
48	121.4	121.4	121.4	121.1	120.5	122.0	122.3	121.7
72	122.0	121.4	121.4	121.4	122.6	122.6	120.8	122.5
96	121.7	121.1	122.0	121.4	122.0	121.4	121.7	121.4
120	120.5	122.0	121.4	120.8	119.9	122.3	123.2	122.6
144	122.6	121.7	122.3	121.4	121.4	120.2	120.5	122.6
168	122.5	121.3	121.5	122.6	120.5	122.3	120.2	122.3
192	122.3	121.4	120.8	121.9	122.9	122.3	121.2	120.8
216	120.8	120.8	122.0	121.7	121.4	121.7	121.7	121.4
240	120.2	120.5	122.3	122.0	120.5	122.0	121.1	121.1
264	121.1	122.3	122.3	121.4	120.8	121.4	121.4	121.7
288	122.9	121.4	121.1	121.4	121.7	121.1	122.0	121.9
312	122.0	122.3	122.6	121.3	121.5	121.5	121.7	121.4
336	122.0	122.0	121.1	120.7	121.9	122.6	122.6	122.0



CUSTOMER : Westlake US 2, LLC
DATE : April 22, 2025

CAVERN : PPG No. 007B
OPERATION No. : 11



WALL RANGES VS DEPTH

DEPTH	2613.9		TILT	50		VOS	5937.80	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	131.6	131.3	131.0	130.7	132.5	132.5	131.6	130.8
24	131.6	128.8	131.0	130.7	130.4	129.7	129.4	130.7
48	131.0	130.4	131.3	129.1	130.4	130.4	129.4	131.3
72	128.2	129.1	128.5	128.8	131.0	131.0	131.0	130.0
96	130.0	131.6	128.5	131.0	129.4	129.4	130.7	128.8
120	129.1	131.0	130.0	130.0	128.8	129.7	131.9	131.6
144	128.8	130.7	131.0	129.1	128.2	129.4	130.4	129.7
168	129.4	129.4	131.9	129.4	129.7	131.3	131.0	130.0
192	129.7	130.2	131.3	131.3	128.8	131.3	129.7	129.4
216	128.8	129.1	131.3	130.0	128.2	128.8	128.5	128.8
240	131.3	129.7	129.4	131.0	128.8	128.8	130.0	130.0
264	128.5	132.2	129.7	130.4	127.9	130.4	130.0	128.2
288	131.3	129.4	131.0	130.7	130.0	128.2	129.4	132.2
312	129.4	132.2	131.6	129.4	131.0	129.1	130.1	128.8
336	132.2	128.5	131.6	128.8	130.4	128.8	132.5	132.2

DEPTH	2613.9		TILT	45		VOS	5937.80	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	140.5	142.1	141.8	144.2	143.6	141.5	140.2	142.7
24	142.9	140.2	143.2	142.1	142.0	142.3	141.6	142.1
48	141.7	142.7	143.9	140.9	141.2	140.9	142.7	144.4
72	141.2	140.5	140.8	141.9	140.3	141.8	141.2	141.5
96	142.7	142.9	139.6	143.2	142.2	142.1	141.1	141.9
120	140.5	143.2	139.0	138.7	142.1	141.2	143.0	142.0
144	140.9	140.2	141.8	143.9	143.3	139.6	139.6	139.9
168	139.9	140.2	143.0	142.2	139.0	138.7	139.6	139.0
192	140.5	140.9	140.5	142.1	139.9	141.2	142.1	141.8
216	141.5	140.9	142.1	141.5	139.6	143.3	140.9	139.0
240	141.8	140.2	139.9	140.2	139.0	141.2	139.0	138.7
264	139.3	142.2	139.6	142.7	143.0	142.1	141.5	141.5
288	141.8	143.6	142.1	140.2	142.1	141.2	139.3	143.6
312	139.9	139.6	143.3	140.9	140.2	140.9	140.2	142.1
336	142.7	140.7	144.9	142.1	140.9	142.1	144.3	144.2

DEPTH	2613.9		TILT	40		VOS	5937.80	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	158.1	153.8	154.4	154.4	156.6	157.2	154.7	154.7
24	156.6	156.6	158.1	158.5	155.8	155.7	158.1	158.8
48	156.3	157.5	155.4	157.2	154.4	153.8	155.1	157.8
72	153.8	154.1	158.5	154.7	158.8	155.1	154.4	153.8
96	154.1	156.3	157.5	154.4	154.4	155.1	153.8	154.4
120	153.8	158.6	154.4	157.8	156.0	154.1	154.7	156.3
144	156.3	156.5	157.8	157.3	158.5	158.1	153.5	154.7
168	152.9	152.3	154.1	155.4	153.2	153.5	152.6	154.7
192	155.4	153.5	152.3	154.1	152.0	158.5	152.6	154.4
216	153.5	156.6	156.0	155.7	152.0	157.5	152.9	154.4
240	155.4	154.1	156.9	155.1	157.8	156.6	154.1	153.8
264	153.5	156.0	152.3	157.2	155.1	156.9	157.8	157.8
288	154.1	160.9	157.5	159.1	158.1	157.5	158.1	154.4
312	157.2	156.9	158.1	155.4	159.7	160.3	155.4	156.3
336	157.5	157.8	158.1	155.1	154.4	154.7	159.1	158.0



CUSTOMER : Westlake US 2, LLC
DATE : April 22, 2025

CAVERN : PPG No. 007B
OPERATION No. : 11



WALL RANGES VS DEPTH

DEPTH	2613.9		TILT	35		VOS	5937.80	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	176.4	176.1	175.1	174.5	173.6	174.8	175.1	173.6
24	173.9	172.7	173.9	173.9	172.7	170.8	175.1	172.7
48	172.7	177.3	172.7	176.7	171.7	175.4	171.4	171.1
72	182.8	182.5	182.2	181.6	181.3	171.4	173.9	173.6
96	175.1	174.2	179.4	174.0	174.5	172.6	173.6	175.1
120	173.9	178.5	173.9	172.7	170.8	171.1	176.1	178.2
144	176.1	175.4	176.0	174.4	175.4	175.3	174.5	175.5
168	174.4	176.9	177.3	174.5	173.7	172.0	171.4	172.7
192	177.9	174.8	171.1	172.3	173.3	176.4	172.7	172.0
216	172.3	173.6	175.7	174.5	173.9	174.5	174.5	175.5
240	175.6	179.4	176.1	173.6	173.9	172.3	175.1	176.1
264	178.2	173.0	173.3	174.5	178.5	172.7	178.2	173.9
288	172.0	179.4	174.2	176.4	173.0	177.6	178.2	171.1
312	178.8	176.1	175.4	175.4	174.2	177.9	176.1	175.4
336	176.4	177.0	173.3	173.9	179.4	176.4	175.1	174.8

DEPTH	2613.9		TILT	30		VOS	5937.80	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	194.6	189.3	188.7	188.1	188.1	188.8	190.7	191.0
24	192.8	192.6	193.0	193.6	191.6	191.2	189.2	189.2
48	188.2	185.3	184.9	183.7	185.0	185.0	183.7	183.4
72	180.2	179.9	179.9	177.3	178.9	179.2	179.9	179.9
96	180.4	180.7	181.0	181.4	183.8	180.9	181.0	181.9
120	190.9	194.9	197.9	197.0	198.0	196.1	202.3	205.4
144	207.9	199.8	200.8	197.4	198.3	196.4	196.4	203.2
168	198.6	199.5	201.4	202.6	201.4	197.4	195.5	197.0
192	198.3	195.8	200.4	194.6	203.0	201.4	197.9	197.0
216	197.4	198.0	198.6	202.6	199.8	197.7	197.4	198.0
240	198.0	196.4	195.8	198.0	198.0	197.4	198.9	198.6
264	198.6	198.0	197.7	197.7	197.7	195.2	195.2	195.8
288	194.6	194.6	195.5	197.0	195.1	195.1	195.0	194.9
312	194.6	193.3	193.4	196.4	195.9	195.5	199.5	203.8
336	202.9	197.0	192.7	192.1	189.9	190.9	190.9	191.7

DEPTH	2613.9		TILT	25		VOS	5937.80	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	186.1	186.2	184.4	185.3	186.2	184.4	185.1	189.0
24	189.6	189.0	190.9	189.3	187.8	186.6	185.3	184.1
48	183.2	180.7	179.7	179.6	178.6	179.7	178.4	176.5
72	176.2	176.2	175.2	175.2	174.1	175.4	175.1	178.5
96	175.7	173.3	169.6	169.3	170.8	174.8	175.4	178.5
120	180.1	185.0	188.1	190.6	190.6	195.5	198.6	205.5
144	205.1	209.1	214.2	214.0	211.6	229.2	229.8	229.6
168	228.7	225.3	226.0	225.1	225.6	225.2	222.7	219.5
192	218.7	220.0	220.5	219.6	219.9	217.4	213.1	208.8
216	208.6	204.6	202.9	202.0	201.2	201.0	201.3	197.0
240	196.1	196.7	198.0	194.0	191.7	189.0	189.3	190.6
264	188.7	190.9	188.3	191.1	192.1	184.7	188.2	187.8
288	189.6	189.4	189.3	186.6	186.1	186.8	187.5	188.3
312	188.7	187.8	188.5	189.0	190.6	191.5	194.3	197.7
336	196.1	199.2	187.5	187.5	186.2	187.8	190.0	190.9



CUSTOMER : Westlake US 2, LLC
DATE : April 22, 2025

CAVERN : PPG No. 007B
OPERATION No. : 11



WALL RANGES VS DEPTH

DEPTH	2613.9		TILT	20		VOS	5937.80	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	183.0	181.9	182.2	181.3	181.3	181.9	182.8	185.3
24	185.6	187.2	186.9	186.2	185.0	183.8	183.6	181.0
48	180.4	178.2	176.1	174.8	174.8	173.3	175.7	173.6
72	173.0	170.5	171.1	172.7	170.5	170.5	171.4	172.7
96	172.0	171.7	167.4	167.5	169.6	170.2	173.0	176.7
120	178.2	180.4	187.8	189.9	193.8	195.0	196.7	202.6
144	206.0	208.8	212.5	210.6	208.8	222.3	228.1	227.7
168	226.9	222.7	222.7	222.3	222.1	221.4	219.0	217.4
192	215.0	215.2	214.2	214.0	214.2	212.4	203.4	202.7
216	202.1	198.9	195.2	194.0	194.6	190.8	189.6	189.5
240	187.0	187.6	191.0	188.1	182.8	182.8	181.9	181.3
264	184.1	182.2	182.2	183.5	182.8	182.8	182.8	181.6
288	183.8	183.8	182.8	183.2	181.9	183.3	183.6	183.6
312	183.1	184.2	184.5	184.6	187.7	188.9	190.9	192.4
336	192.7	193.2	185.0	184.7	185.2	183.5	186.9	188.1

DEPTH	2613.9		TILT	15		VOS	5937.80	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	179.4	179.1	177.9	178.2	178.2	177.9	179.1	181.9
24	183.3	184.1	183.3	183.5	178.2	178.1	178.5	177.3
48	175.7	176.7	173.9	171.3	169.3	168.5	169.4	169.9
72	170.5	169.6	166.5	166.5	165.9	166.2	167.4	166.8
96	167.7	162.5	160.9	162.8	166.5	170.5	171.1	173.9
120	176.1	180.7	183.5	185.6	189.3	189.3	197.4	200.1
144	205.1	206.6	211.6	209.1	208.5	216.5	226.1	226.4
168	224.8	222.1	220.8	220.2	221.7	219.9	218.0	215.0
192	213.5	212.1	212.9	212.2	210.6	204.1	202.3	200.4
216	198.0	194.6	192.1	189.6	189.6	188.1	187.8	185.3
240	183.2	181.9	187.2	181.9	179.1	177.9	178.3	178.1
264	179.8	178.8	179.1	179.8	177.0	177.0	177.3	177.3
288	178.4	178.6	177.9	177.9	177.9	178.3	179.1	178.9
312	178.9	179.2	179.8	181.9	181.6	183.5	186.2	187.5
336	187.2	187.3	181.0	181.3	180.1	179.8	182.5	185.9

DEPTH	2613.9		TILT	10		VOS	5937.80	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	176.0	173.6	173.0	175.1	173.9	174.1	174.8	177.9
24	180.1	180.4	178.8	179.1	175.7	173.9	179.8	178.8
48	176.1	172.7	171.4	171.4	169.3	166.2	166.5	165.6
72	165.7	166.5	165.9	164.9	162.9	161.8	163.4	162.8
96	162.7	161.5	157.2	158.1	164.9	166.2	168.2	170.3
120	173.6	178.3	180.1	184.1	184.3	188.1	194.6	197.7
144	202.0	206.0	207.9	208.8	207.4	220.2	225.4	225.4
168	224.8	222.1	218.4	219.0	219.9	216.8	216.5	214.2
192	210.6	210.9	212.8	210.6	206.3	203.2	196.9	196.5
216	195.2	191.2	188.4	187.2	186.2	186.2	184.1	181.3
240	186.4	179.9	188.3	176.4	175.7	175.7	175.6	175.4
264	177.3	176.7	174.8	172.3	172.3	173.0	172.3	173.9
288	173.6	174.7	174.8	173.4	173.6	174.5	173.6	174.5
312	173.9	174.2	174.5	176.1	177.9	180.1	181.9	182.8
336	182.5	182.4	176.4	176.4	176.1	174.8	177.9	176.7



CUSTOMER : Westlake US 2, LLC
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WALL RANGES VS DEPTH

DEPTH	2613.9		TILT	5		VOS	5937.80	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	174.2	171.1	170.2	172.0	171.7	171.7	176.5	175.9
24	175.9	176.8	176.5	176.5	177.0	176.6	176.8	169.9
48	168.4	168.3	168.3	168.3	167.8	166.3	161.2	161.8
72	162.4	162.7	163.0	158.2	158.8	159.4	159.4	160.0
96	159.1	158.1	155.1	159.3	160.3	162.8	164.3	167.1
120	171.1	175.0	177.8	181.0	182.8	184.7	191.2	194.6
144	198.6	202.0	206.1	206.3	205.1	216.5	219.5	223.0
168	221.4	218.7	217.4	217.4	216.5	215.0	214.6	210.9
192	207.9	207.5	207.2	207.5	204.1	199.5	195.2	193.7
216	192.4	189.0	184.3	183.7	184.5	184.5	184.1	180.1
240	187.6	183.9	184.4	175.2	174.1	174.1	175.0	174.8
264	175.7	177.0	169.6	170.5	170.5	170.5	171.1	171.7
288	172.0	172.9	172.9	170.8	171.4	171.7	172.6	172.3
312	171.4	171.7	173.2	173.5	173.5	176.7	178.8	181.0
336	180.1	176.1	174.7	173.2	172.9	174.7	175.0	177.2

DEPTH	2613.9		TILT	-15		VOS	5937.80	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	175.0	172.9	172.6	175.1	174.1	172.3	176.3	179.6
24	180.0	179.3	180.2	184.0	182.8	174.7	172.3	171.7
48	169.8	168.3	167.4	164.9	164.9	164.0	163.3	162.4
72	161.2	162.4	159.6	159.9	161.6	162.1	162.3	162.0
96	160.9	157.8	157.2	163.1	163.0	167.2	169.7	174.3
120	177.5	179.5	182.3	183.9	187.0	189.9	196.3	197.9
144	203.1	205.9	208.9	208.0	211.0	219.9	226.8	225.6
168	223.5	221.4	220.1	220.9	218.7	217.4	214.1	213.5
192	211.3	208.9	212.3	210.2	205.2	202.4	198.5	195.8
216	194.8	191.7	188.5	189.8	188.7	188.7	187.4	186.8
240	186.8	187.4	187.1	180.2	178.5	173.2	172.9	172.9
264	172.9	173.5	174.4	175.1	174.8	175.1	177.8	175.6
288	175.6	177.2	174.7	174.7	174.7	176.6	176.0	175.4
312	174.8	175.1	176.3	178.4	178.7	182.3	185.5	184.1
336	179.3	177.8	177.5	176.6	175.4	179.4	181.1	178.5

DEPTH	2613.9		TILT	-20		VOS	5937.80	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	179.3	180.3	180.0	178.8	178.8	176.3	183.9	183.4
24	185.4	184.3	183.4	187.3	184.0	180.1	176.9	176.3
48	173.0	172.8	170.6	168.8	168.4	167.9	168.4	165.3
72	165.6	166.3	164.4	165.3	166.3	166.9	166.9	166.0
96	165.0	161.8	162.8	166.9	169.9	171.4	173.6	178.3
120	179.7	181.2	186.5	189.0	191.9	196.4	201.2	204.9
144	208.3	211.8	213.9	213.8	215.4	219.9	226.9	226.7
168	229.4	227.3	223.6	224.0	223.9	223.2	222.9	220.8
192	216.4	215.5	218.2	214.9	211.1	209.7	205.3	202.6
216	201.0	200.4	193.5	193.5	189.3	190.5	190.2	188.7
240	188.3	188.0	185.3	182.7	182.6	178.5	180.6	177.8
264	178.5	178.6	180.9	180.0	181.6	183.4	183.1	182.2
288	180.2	182.5	182.8	178.5	180.9	180.6	180.9	181.6
312	180.3	179.9	182.2	183.1	184.3	185.6	189.6	188.0
336	184.3	181.9	181.6	180.6	180.3	183.1	185.3	183.4



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**WALL RANGES VS DEPTH**

DEPTH	2613.9		TILT	-25		VOS	5937.80	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	176.9	181.7	181.6	181.6	185.9	183.7	189.6	190.8
24	191.7	191.1	191.7	189.9	188.3	187.1	183.1	181.6
48	180.3	180.0	180.0	176.0	175.1	173.5	174.5	169.2
72	170.9	171.6	170.6	171.0	172.4	172.7	173.8	172.0
96	170.7	166.1	167.4	168.3	175.7	177.6	179.6	181.7
120	185.3	187.7	191.1	192.4	196.1	197.6	202.6	206.6
144	209.0	211.1	205.8	204.4	205.3	204.1	209.0	212.4
168	210.3	213.0	212.1	209.7	211.2	209.0	208.7	211.2
192	208.4	213.7	210.6	209.3	206.6	205.9	206.9	207.5
216	206.9	201.2	200.4	199.8	196.1	192.7	192.0	188.2
240	186.2	188.0	180.6	180.3	176.6	176.6	177.5	174.8
264	174.1	174.1	174.1	174.8	174.8	175.7	174.8	174.1
288	175.4	176.3	177.8	182.5	177.8	180.9	180.6	180.0
312	180.6	181.6	183.6	184.2	185.6	185.6	189.9	191.4
336	190.2	187.4	187.4	186.8	186.8	186.2	177.8	176.3

DEPTH	2613.9		TILT	-30		VOS	5937.80	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	167.2	168.3	168.0	169.5	183.4	183.1	181.9	181.6
24	181.6	184.0	184.3	182.2	182.8	179.7	180.0	172.3
48	171.4	176.6	176.7	179.4	183.1	183.1	183.7	183.7
72	183.7	179.4	183.1	183.1	180.9	181.6	181.2	179.6
96	177.3	175.4	177.5	178.5	182.2	182.2	184.0	180.0
120	179.1	179.7	180.6	182.8	183.7	185.9	187.1	191.1
144	194.5	197.3	198.2	196.1	195.1	193.3	196.4	200.1
168	198.5	201.3	197.9	198.2	199.8	198.2	198.2	198.2
192	200.1	199.5	197.6	197.3	193.9	196.7	194.4	192.7
216	192.1	192.4	189.0	186.5	187.1	183.7	180.6	180.9
240	176.6	173.8	172.9	172.3	167.9	168.0	168.3	164.9
264	165.5	162.7	164.3	165.8	167.4	172.2	175.1	177.8
288	177.8	176.3	171.5	170.9	167.7	169.8	169.8	169.8
312	169.8	174.5	175.1	174.6	176.2	179.1	180.0	180.0
336	178.5	177.5	175.4	176.6	175.7	175.1	175.1	168.9

DEPTH	2613.9		TILT	-35		VOS	5937.80	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	156.9	159.6	160.2	160.2	172.9	173.2	173.8	174.5
24	173.2	173.2	174.5	174.8	172.9	172.0	171.4	169.5
48	165.2	164.6	167.0	170.1	173.8	175.1	176.0	178.8
72	178.8	178.2	179.1	181.2	181.9	181.6	181.2	180.6
96	178.6	177.2	175.4	177.5	177.8	174.8	174.5	174.1
120	169.5	170.4	173.8	173.2	176.6	175.4	176.3	179.1
144	181.9	183.7	186.8	185.3	186.5	187.4	188.0	187.1
168	189.9	191.1	189.3	190.2	188.0	189.3	190.8	190.5
192	189.3	189.6	187.7	187.1	185.9	188.7	188.7	190.2
216	185.3	182.8	181.8	178.8	175.7	173.5	173.8	171.4
240	167.7	168.0	163.6	163.6	163.0	161.2	157.8	158.4
264	157.5	157.2	166.7	169.2	168.9	168.9	169.2	168.9
288	168.6	168.9	166.7	167.0	166.7	162.4	160.2	161.8
312	163.0	163.3	169.2	171.1	172.0	172.6	169.8	172.6
336	172.6	169.2	167.7	168.9	168.9	169.2	166.7	164.4



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WALL RANGES VS DEPTH

DEPTH	2613.9		TILT	-40		VOS	5937.80	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	152.8	154.1	153.1	158.7	162.7	168.9	167.7	168.0
24	165.2	166.7	166.4	166.1	167.3	166.7	164.3	162.4
48	158.4	156.9	158.1	156.5	164.3	164.8	171.6	171.3
72	170.4	172.6	174.1	174.1	175.7	176.6	177.8	178.1
96	177.2	174.1	173.5	171.7	168.6	169.5	168.9	164.2
120	163.9	167.0	166.7	167.0	169.2	170.1	171.9	171.4
144	174.4	177.2	177.8	178.1	180.7	181.6	181.9	180.3
168	181.6	182.8	183.1	183.7	185.9	182.2	183.7	185.6
192	185.6	184.6	181.2	179.4	181.2	180.3	179.7	179.3
216	178.8	176.6	175.4	170.2	168.9	166.4	167.0	164.8
240	163.3	161.4	157.8	157.8	155.3	154.4	152.8	153.1
264	151.3	151.3	160.5	161.5	163.0	160.9	163.1	164.2
288	163.5	162.1	162.1	159.9	158.7	153.1	155.3	156.2
312	156.2	155.9	164.9	163.3	164.9	165.2	164.3	165.8
336	159.9	163.4	163.1	163.0	162.9	160.6	159.1	158.1

DEPTH	2613.9		TILT	-40		VOS	5937.80	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	152.5	154.1	152.5	158.4	163.0	168.6	167.9	168.2
24	165.5	167.0	166.1	165.8	167.0	167.0	164.5	162.4
48	158.7	157.1	158.4	156.8	164.5	164.6	171.4	171.1
72	170.1	172.3	173.8	173.8	176.0	176.3	177.5	177.8
96	177.5	174.4	173.8	171.9	168.9	169.2	168.6	164.0
120	163.6	166.7	166.4	166.7	168.9	169.8	171.7	171.6
144	174.1	176.9	177.5	177.8	180.7	181.8	182.1	180.6
168	181.8	182.5	182.8	183.4	186.2	182.2	184.0	185.8
192	185.8	184.9	181.5	179.7	181.5	180.6	180.0	179.3
216	179.0	176.9	175.7	170.2	169.2	166.4	167.3	164.9
240	163.6	161.2	158.1	158.1	155.6	154.7	153.1	153.4
264	151.6	151.6	160.5	161.8	163.3	161.1	163.1	164.2
288	163.5	162.4	162.4	160.2	159.0	152.8	155.0	155.9
312	155.9	156.2	165.2	163.6	165.2	165.5	164.5	166.1
336	160.2	163.4	163.1	163.0	162.9	160.8	159.3	158.1

DEPTH	2613.9		TILT	-45		VOS	5937.80	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	146.7	147.0	147.0	154.4	158.7	159.6	158.7	158.4
24	162.4	159.9	159.9	160.2	159.6	159.6	158.7	158.7
48	154.7	154.1	154.4	154.1	153.5	154.8	157.7	164.9
72	163.0	167.0	168.6	171.7	173.8	173.8	174.1	173.2
96	173.8	169.2	169.2	168.3	165.2	162.0	159.9	161.2
120	160.2	161.2	163.0	162.4	162.7	166.3	167.7	169.0
144	169.4	172.0	171.7	174.8	174.1	176.6	178.2	177.8
168	177.1	177.2	180.1	179.1	181.9	180.6	179.7	181.2
192	181.2	179.7	175.1	175.7	174.1	174.8	172.6	172.6
216	170.6	170.3	170.1	167.7	161.2	161.8	160.6	159.0
240	159.0	154.4	155.0	152.8	148.8	148.8	149.0	147.6
264	147.6	155.9	156.5	157.8	158.1	159.3	158.1	159.6
288	157.8	157.5	156.9	155.3	149.1	150.4	151.0	151.0
312	151.9	153.5	153.5	160.9	159.9	160.6	160.6	157.2
336	160.6	161.2	159.9	159.6	161.2	159.9	151.6	147.0



CUSTOMER : Westlake US 2, LLC
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WALL RANGES VS DEPTH

DEPTH	2613.9		TILT	-50		VOS	5937.80	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	144.2	144.5	144.5	144.5	151.0	151.1	158.1	158.7
24	158.7	158.1	157.2	153.1	156.2	156.9	155.7	154.1
48	151.0	151.3	150.4	148.8	146.4	146.7	146.7	151.9
72	158.7	159.9	161.2	165.2	162.3	163.3	167.7	172.3
96	169.5	166.4	164.0	157.2	157.2	153.8	154.7	155.3
120	155.9	157.8	157.8	159.6	159.3	163.7	163.7	166.8
144	168.0	168.6	168.0	173.5	173.5	175.4	175.4	175.4
168	175.4	172.3	173.2	176.6	177.5	176.4	177.2	177.5
192	175.7	172.3	170.1	169.5	170.1	170.7	168.9	167.4
216	165.8	166.1	164.3	160.2	160.2	157.8	156.5	153.1
240	153.5	152.2	151.9	147.3	147.0	145.4	143.6	143.6
264	151.0	154.1	154.4	153.5	153.5	154.7	154.4	153.8
288	154.7	155.6	152.8	148.5	146.8	145.7	147.6	148.2
312	149.4	149.1	149.1	154.0	157.8	157.5	156.9	153.8
336	157.5	157.5	159.3	159.9	159.3	150.7	144.8	144.8

DEPTH	2613.9		TILT	-55		VOS	5937.80	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	143.6	143.3	142.0	142.0	142.0	141.7	149.4	148.5
24	150.7	155.6	154.4	154.4	154.1	154.1	153.8	152.5
48	148.8	151.8	150.4	145.4	145.4	145.4	145.4	141.4
72	150.9	141.7	153.1	155.0	154.4	154.7	153.8	154.1
96	151.6	162.1	150.4	154.7	149.4	151.0	148.2	152.5
120	154.4	154.7	156.5	157.8	158.1	158.1	157.5	164.6
144	166.4	165.7	166.4	165.5	169.3	173.2	172.9	174.1
168	173.8	172.6	172.6	174.1	173.8	175.1	176.3	176.3
192	175.1	175.1	167.0	166.7	167.0	167.4	169.8	166.1
216	165.5	160.6	160.6	160.6	165.8	161.3	159.6	156.2
240	153.1	150.4	149.8	149.8	142.6	142.3	142.0	151.7
264	151.2	154.1	153.8	151.3	152.5	152.5	152.5	151.6
288	151.3	151.0	149.8	143.6	143.6	145.7	145.7	146.4
312	147.0	147.6	147.6	148.2	155.3	155.3	155.3	153.6
336	156.2	155.6	156.9	156.9	151.0	146.4	142.0	142.0

DEPTH	2613.9		TILT	-60		VOS	5937.80	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	141.4	141.1	141.1	140.5	140.2	140.2	153.1	150.7
24	150.1	155.3	157.0	152.8	153.0	152.5	152.2	150.7
48	150.4	150.7	150.4	146.4	146.0	146.0	146.0	143.6
72	144.6	145.4	145.1	145.1	152.5	150.7	151.0	150.1
96	147.9	155.6	147.3	153.6	145.4	150.1	151.0	151.9
120	152.2	155.9	160.9	161.5	161.8	157.8	158.1	164.0
144	158.4	165.5	166.5	166.3	168.9	170.4	174.1	174.1
168	175.4	172.6	174.1	174.1	176.6	174.1	175.4	173.5
192	173.2	172.6	169.8	169.2	168.9	168.9	170.1	169.5
216	170.7	174.1	172.9	171.7	171.7	172.3	173.8	169.2
240	171.7	163.0	157.1	153.7	153.7	154.3	155.5	153.5
264	153.4	155.2	152.8	152.8	152.8	151.9	151.6	152.2
288	150.4	150.4	144.2	144.5	144.2	144.5	145.7	146.0
312	146.0	146.0	146.0	146.0	155.0	152.5	152.5	152.5
336	154.1	155.3	155.0	156.5	149.1	147.3	147.0	147.3



CUSTOMER : Westlake US 2, LLC
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WALL RANGES VS DEPTH

DEPTH	2614.0		TILT	0		VOS	5937.80	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	170.2	169.9	169.3	170.5	169.9	169.0	174.6	174.8
24	176.3	176.1	174.8	174.8	173.6	175.1	171.2	171.4
48	166.7	165.9	165.9	165.2	164.6	163.4	163.7	159.7
72	160.6	160.6	156.9	155.7	156.9	157.5	157.5	157.8
96	157.8	155.1	153.5	159.2	161.9	162.8	162.5	164.9
120	169.0	173.3	178.3	179.7	182.8	188.9	192.7	196.6
144	198.7	202.9	203.7	203.8	203.2	204.5	221.1	219.8
168	217.6	214.4	214.6	216.5	213.7	212.8	211.9	208.8
192	204.7	205.1	206.0	201.1	201.4	197.7	195.8	191.2
216	190.6	188.7	183.4	184.3	184.3	184.4	182.8	181.0
240	187.8	186.2	183.5	176.4	175.1	174.5	174.8	176.1
264	174.2	169.0	169.0	169.3	169.6	169.3	170.5	171.1
288	172.7	172.1	172.0	169.6	169.9	170.2	170.8	171.1
312	169.9	170.8	170.8	172.0	173.9	178.2	180.3	180.1
336	179.1	174.2	172.7	172.3	171.7	171.7	174.2	176.4

DEPTH	2619.1		TILT	0		VOS	5937.80	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	169.9	168.7	170.8	170.2	170.0	172.5	174.6	174.5
24	176.4	176.1	174.8	173.7	177.3	175.2	170.5	170.8
48	166.7	164.8	166.6	164.5	163.0	163.0	163.6	158.6
72	159.2	161.9	155.0	156.8	157.4	158.0	157.7	157.1
96	155.6	153.5	154.7	158.9	161.0	163.9	162.5	164.9
120	169.0	173.7	177.9	179.4	182.0	188.6	192.4	195.1
144	198.2	202.5	203.4	202.5	202.8	205.1	220.9	219.5
168	217.7	214.1	214.3	215.7	212.6	210.8	211.2	208.6
192	204.6	204.1	204.9	200.5	200.9	198.0	194.9	191.5
216	190.7	188.7	182.9	184.4	184.4	183.8	182.0	181.8
240	187.7	186.4	183.6	175.8	175.8	175.8	175.2	174.3
264	169.0	168.7	169.0	169.0	169.6	170.8	171.1	170.2
288	170.5	172.0	172.2	169.6	169.9	170.8	170.8	170.2
312	170.5	171.1	171.7	173.7	174.9	178.2	180.0	178.8
336	179.0	174.0	172.0	171.7	171.6	172.6	174.7	173.7

DEPTH	2624.1		TILT	0		VOS	5937.80	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	169.6	170.2	168.0	170.2	170.2	168.3	174.3	174.2
24	176.4	176.1	174.8	174.2	179.8	175.4	170.2	170.2
48	166.8	164.9	164.6	166.2	163.1	163.1	162.2	158.7
72	158.8	159.4	155.7	155.7	156.9	157.2	157.5	157.5
96	156.9	153.2	153.2	158.7	159.1	163.3	162.5	164.9
120	169.0	173.6	175.4	177.6	181.9	188.1	192.0	193.7
144	197.7	200.4	202.6	202.9	202.3	205.7	217.4	220.2
168	219.0	214.0	214.0	215.0	212.5	211.9	210.6	208.5
192	204.9	203.2	206.0	200.6	200.4	198.3	194.0	191.8
216	190.9	188.7	182.5	183.2	184.7	184.4	181.6	182.5
240	186.5	186.6	183.8	178.2	176.4	176.4	176.1	174.2
264	167.4	168.0	168.6	168.6	168.6	169.3	170.8	170.5
288	169.9	172.0	172.3	168.6	169.3	170.5	170.8	171.1
312	169.9	169.9	170.8	171.4	174.5	178.0	180.0	178.6
336	178.8	173.9	172.1	171.4	171.4	173.5	175.3	174.8



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WALL RANGES VS DEPTH

DEPTH	2629.2		TILT	0		VOS	5937.80	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	169.3	169.0	169.0	169.9	169.9	171.4	174.0	174.3
24	175.5	175.7	174.3	174.9	177.0	175.5	169.9	170.0
48	166.5	165.3	165.4	163.6	161.3	161.3	162.2	158.9
72	159.5	159.8	155.3	156.2	157.1	157.4	157.7	157.4
96	155.9	153.3	153.8	158.6	158.8	162.8	164.5	165.1
120	168.8	173.4	177.6	178.8	181.8	187.7	191.5	192.7
144	197.8	202.5	202.5	202.2	202.3	213.8	220.3	220.0
168	218.8	213.8	213.7	215.0	212.3	211.6	210.0	207.8
192	205.1	202.8	205.2	200.8	200.1	197.2	193.6	191.5
216	190.4	187.6	182.9	184.4	184.4	184.5	182.6	183.2
240	185.3	184.1	181.5	177.0	176.7	176.7	174.9	172.9
264	168.7	168.7	168.4	168.7	169.9	170.5	171.1	172.0
288	169.6	172.0	172.0	168.6	169.1	170.8	170.8	169.6
312	170.2	170.5	171.1	173.4	174.0	177.9	180.0	178.5
336	178.7	173.7	172.3	171.1	171.1	174.3	175.8	173.4

DEPTH	2634.0		TILT	0		VOS	5937.80	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	170.5	169.0	168.3	169.9	169.6	168.0	174.0	173.6
24	175.7	175.4	173.6	174.2	178.5	174.4	169.3	169.9
48	166.2	165.6	164.3	163.7	161.5	160.9	160.9	158.2
72	158.5	158.1	154.9	155.6	157.0	157.1	157.6	156.9
96	155.7	154.1	153.2	158.5	158.5	161.2	163.7	165.2
120	168.6	173.0	176.7	178.2	181.9	187.7	191.5	191.8
144	197.5	202.2	202.6	202.3	202.3	213.4	220.1	219.9
168	218.7	213.4	213.4	215.0	214.0	211.3	209.4	207.2
192	205.4	202.6	205.7	200.3	199.8	196.1	193.3	191.2
216	189.9	186.6	183.2	184.4	185.0	184.7	181.9	183.5
240	185.9	185.0	183.2	178.8	177.9	174.8	174.8	171.7
264	167.7	168.0	168.6	168.6	169.0	169.9	170.8	172.3
288	169.9	170.2	171.7	168.6	169.0	170.2	170.2	170.5
312	169.3	170.2	169.9	172.3	173.0	177.5	179.5	179.4
336	178.5	173.6	172.3	172.0	171.1	174.3	174.9	173.9

DEPTH	2639.2		TILT	0		VOS	5937.80	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	169.0	169.0	169.3	169.9	166.9	169.3	174.0	174.0
24	175.8	173.4	174.0	174.6	176.4	173.1	168.7	166.6
48	165.1	164.8	163.6	161.3	160.4	159.8	161.0	157.4
72	158.9	158.6	154.4	155.0	156.8	156.8	157.4	157.1
96	154.4	153.0	154.1	158.3	160.4	161.9	164.2	168.4
120	172.3	173.4	177.9	178.5	182.0	187.7	191.5	192.9
144	197.2	201.9	202.2	201.9	203.1	212.9	219.8	218.9
168	217.4	212.9	214.4	212.9	213.5	210.8	207.6	206.7
192	204.0	202.5	205.8	199.9	200.1	196.0	192.5	190.8
216	188.3	185.9	182.3	184.4	184.4	182.6	182.3	184.7
240	185.9	185.9	183.5	176.7	175.8	175.2	173.4	172.5
264	167.8	168.1	168.7	168.7	169.9	170.8	171.1	169.9
288	169.9	170.5	168.7	168.7	169.0	170.2	170.2	169.3
312	169.6	170.5	171.1	173.4	173.4	177.0	179.1	178.5
336	176.8	171.4	172.0	170.8	170.8	174.3	174.0	173.4



CUSTOMER : Westlake US 2, LLC

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**WALL RANGES VS DEPTH**

DEPTH	2649.1		TILT	0		VOS	5937.80	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	169.0	167.8	169.3	168.7	166.3	167.5	173.4	173.4
24	174.3	173.1	174.0	174.9	177.6	172.5	167.2	165.4
48	164.2	163.6	161.9	160.4	159.8	159.5	159.8	157.1
72	157.4	158.3	154.4	154.7	156.2	156.8	156.5	157.1
96	155.4	152.7	154.1	158.0	160.1	161.3	163.9	167.8
120	171.4	172.8	177.6	177.9	180.9	187.7	191.5	195.1
144	196.3	201.9	201.6	201.6	207.0	212.9	219.2	218.6
168	215.9	213.2	214.1	212.3	210.6	210.6	208.8	206.7
192	203.7	202.2	205.2	201.1	200.8	195.7	191.0	190.1
216	188.0	185.0	182.0	184.4	183.5	181.5	178.2	184.1
240	186.2	186.2	180.0	179.1	177.9	176.7	172.8	172.3
264	167.8	167.8	168.4	169.3	169.9	170.2	170.8	169.9
288	169.6	171.4	168.4	168.7	169.0	170.5	170.2	169.0
312	169.0	169.9	172.0	172.3	174.0	177.6	179.7	177.9
336	173.4	171.4	171.7	170.8	170.2	174.0	174.3	170.2

DEPTH	2659.5		TILT	0		VOS	5950.40	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	169.3	167.3	167.5	169.7	167.0	169.0	173.2	173.8
24	174.1	173.5	174.4	178.3	178.0	168.7	166.7	166.5
48	164.4	163.1	162.0	159.5	158.9	158.9	159.2	156.8
72	157.1	158.6	154.5	154.8	156.6	156.8	157.4	156.6
96	155.4	152.7	154.2	157.7	158.7	161.9	164.3	168.7
120	171.7	173.8	176.5	178.0	180.9	185.4	189.3	193.0
144	196.7	199.4	202.1	201.2	206.5	212.5	219.6	218.1
168	216.4	214.0	213.7	212.5	211.3	210.7	207.1	206.8
192	203.9	202.1	205.0	201.8	198.5	194.3	190.8	190.8
216	187.8	185.4	182.4	184.2	184.2	182.1	178.3	180.9
240	182.1	185.4	179.5	174.4	173.2	168.0	167.3	166.4
264	167.9	167.9	168.7	169.9	169.6	169.8	172.4	169.9
288	169.9	171.4	169.0	169.0	169.0	170.8	170.6	170.0
312	169.4	169.7	170.5	172.6	172.9	176.2	179.5	178.3
336	173.5	172.0	172.2	171.3	170.1	173.5	175.3	173.0

DEPTH	2669.0		TILT	0		VOS	5950.40	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	168.7	168.7	168.5	168.5	166.7	167.3	173.5	173.5
24	175.0	172.9	174.1	177.1	176.5	169.9	167.0	166.4
48	163.1	162.8	161.0	158.9	158.6	158.0	158.6	155.7
72	156.0	156.6	154.8	155.7	156.6	157.1	157.1	156.3
96	155.4	152.4	153.3	157.4	160.1	161.6	164.3	168.2
120	169.0	171.4	175.6	177.4	180.7	185.4	190.5	192.6
144	196.4	199.1	202.1	201.2	203.9	212.5	219.6	218.4
168	216.1	214.4	213.4	213.7	211.6	210.7	207.1	206.5
192	204.5	202.1	205.3	203.6	198.5	196.4	192.6	190.5
216	189.3	185.4	182.1	182.4	181.2	179.8	180.4	180.7
240	178.9	179.8	176.8	173.8	172.3	167.9	168.5	167.6
264	167.9	168.5	169.3	169.3	169.9	170.5	172.6	170.2
288	169.6	171.4	171.1	169.3	168.7	170.5	169.9	169.0
312	168.2	169.3	170.5	173.2	173.2	177.4	179.5	177.4
336	173.2	171.4	170.5	170.5	170.2	174.1	174.4	172.6



CUSTOMER : Westlake US 2, LLC

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**WALL RANGES VS DEPTH**

DEPTH	2679.1		TILT	0		VOS	5950.40	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	168.7	169.6	169.9	168.4	167.3	166.4	172.9	173.0
24	174.4	173.5	173.8	176.2	172.0	169.3	166.1	165.2
48	162.5	162.5	159.5	158.9	158.0	158.0	158.3	155.1
72	155.4	156.8	154.8	155.7	156.6	156.8	157.1	156.3
96	155.1	152.4	153.3	155.4	159.5	160.7	162.2	167.6
120	168.7	172.9	175.6	178.0	180.7	184.8	188.7	194.6
144	195.8	199.1	201.8	201.2	205.6	213.7	218.7	217.5
168	216.4	212.8	213.4	213.4	210.7	210.1	208.6	206.5
192	203.6	202.1	205.3	201.8	198.5	196.4	189.9	189.9
216	189.9	186.0	182.1	182.1	177.4	179.8	179.3	177.7
240	177.4	175.6	172.0	171.1	171.7	168.2	168.5	167.3
264	168.2	167.9	169.9	168.5	170.5	171.1	170.2	170.5
288	169.6	171.4	168.7	169.0	169.9	169.9	169.9	168.5
312	168.2	169.3	171.7	172.9	173.2	175.0	178.8	177.7
336	173.5	171.1	171.1	170.5	170.5	174.1	174.1	169.9

DEPTH	2689.0		TILT	0		VOS	5950.40	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	160.2	168.5	169.6	167.9	166.7	166.7	172.3	173.2
24	175.6	173.5	173.5	173.5	172.0	169.9	166.7	165.2
48	163.4	163.7	163.4	160.1	159.3	158.2	158.9	155.1
72	155.1	155.4	155.1	155.1	156.6	156.8	158.0	156.3
96	154.2	152.1	152.1	155.4	159.8	161.3	163.1	164.6
120	168.2	171.4	175.6	176.8	180.7	185.1	190.8	190.8
144	196.1	199.4	201.2	201.2	202.1	206.8	218.7	217.5
168	216.9	213.7	211.9	212.2	211.6	210.4	208.9	208.1
192	204.7	202.1	205.3	202.4	198.8	196.6	193.4	190.5
216	190.8	186.3	182.4	182.1	175.3	172.6	177.4	175.3
240	174.7	171.7	172.0	171.7	159.8	159.8	161.3	156.6
264	154.2	155.0	157.7	156.8	155.4	158.0	158.0	156.6
288	156.3	160.0	161.8	169.3	161.7	165.2	164.9	164.2
312	164.7	166.1	170.5	171.7	172.9	175.0	178.6	177.7
336	172.9	171.4	170.5	169.6	170.5	173.5	161.8	159.5

DEPTH	2699.2		TILT	0		VOS	5952.10	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	141.6	145.0	143.8	146.1	166.1	170.9	165.4	175.0
24	173.3	173.0	173.6	169.4	168.5	167.3	167.3	155.1
48	149.5	161.1	159.3	159.6	159.6	159.6	156.3	155.4
72	155.4	154.8	154.5	156.3	156.6	156.6	157.2	155.7
96	153.6	152.4	155.7	156.0	159.3	161.7	163.4	167.3
120	166.1	163.9	175.6	168.4	173.1	176.1	184.3	188.3
144	196.2	200.6	188.7	187.2	189.9	187.2	195.0	197.4
168	199.4	201.4	198.3	201.0	197.7	209.0	194.5	206.0
192	203.9	203.3	201.8	199.7	197.1	193.5	191.1	190.8
216	189.6	182.5	180.9	179.5	173.3	171.8	172.1	164.6
240	160.8	156.3	152.1	152.1	143.2	142.9	142.6	137.8
264	138.7	139.3	142.0	143.4	144.7	150.0	153.3	156.3
288	154.5	153.3	149.2	148.3	145.0	146.9	146.6	145.3
312	147.0	154.1	152.7	153.3	155.7	162.6	163.9	163.7
336	171.2	160.1	157.4	161.1	160.5	160.2	153.3	145.7



CUSTOMER : Westlake US 2, LLC
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WALL RANGES VS DEPTH

DEPTH	2709.1		TILT	0		VOS	5952.10	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	124.8	125.9	128.9	128.7	148.5	151.3	150.7	150.9
24	148.3	156.0	151.8	151.5	151.8	150.9	145.3	142.9
48	135.0	133.1	138.6	144.7	151.8	152.8	154.1	156.3
72	156.6	155.7	156.9	157.2	156.0	156.0	156.6	156.0
96	154.5	152.1	153.0	150.8	150.7	153.3	151.1	150.3
120	143.4	146.8	144.1	154.8	154.2	157.2	158.7	166.9
144	173.3	175.9	175.0	174.5	176.8	174.7	179.5	185.5
168	184.0	182.2	175.9	176.2	179.8	178.6	178.4	178.9
192	181.0	175.3	176.5	174.2	170.0	174.2	170.9	170.1
216	168.8	168.5	162.8	159.0	152.1	150.9	149.5	149.2
240	139.8	138.7	132.3	130.1	127.1	124.2	121.5	121.9
264	122.7	120.2	137.3	139.8	139.7	140.5	141.7	142.2
288	141.7	145.0	137.6	138.0	138.3	128.6	127.7	128.9
312	130.5	131.0	141.7	143.5	145.1	147.4	144.6	149.8
336	150.0	142.5	139.5	142.0	142.9	145.9	137.9	133.7

DEPTH	2719.2		TILT	0		VOS	5952.10	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	101.8	102.4	102.4	116.2	124.1	134.4	133.3	126.5
24	126.2	132.5	133.1	132.8	130.1	131.0	129.8	122.7
48	116.7	115.2	113.1	111.7	127.3	128.4	141.4	140.8
72	140.6	136.7	145.3	148.6	148.6	147.6	147.4	146.7
96	143.2	144.1	140.5	140.5	141.1	140.5	134.8	126.6
120	125.8	130.7	131.6	131.8	136.9	136.8	139.2	142.0
144	147.6	151.3	157.9	154.5	156.2	157.5	160.5	162.8
168	162.3	160.8	162.0	156.6	160.7	165.5	163.4	164.0
192	165.8	159.3	156.9	158.4	158.4	159.8	164.0	159.7
216	154.8	148.9	147.4	137.3	136.1	130.4	130.7	127.7
240	125.2	118.2	117.6	113.7	105.8	105.8	105.7	100.1
264	104.3	112.9	119.1	122.0	124.6	121.7	124.2	126.2
288	125.0	122.8	122.7	118.7	107.2	107.5	109.6	110.5
312	112.0	113.4	127.9	125.3	128.3	129.0	126.9	130.1
336	119.4	124.8	124.5	124.2	123.9	122.1	115.5	100.6

DEPTH	2729.1		TILT	0		VOS	5952.10	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	86.4	83.7	86.1	82.5	91.7	110.8	111.7	116.4
24	114.9	107.8	105.4	106.3	106.6	112.0	107.5	107.7
48	100.1	100.6	97.4	93.1	91.7	92.0	89.0	121.2
72	116.3	124.3	130.1	128.6	128.6	127.7	135.1	135.4
96	134.6	126.8	123.9	124.2	125.3	112.8	112.6	112.0
120	112.0	112.0	114.2	113.1	115.5	121.5	125.3	125.6
144	125.9	133.6	132.5	135.6	140.5	142.1	141.7	140.2
168	144.4	145.9	144.4	148.2	149.8	142.0	152.1	151.2
192	150.6	149.8	140.8	138.3	141.2	140.3	139.1	137.6
216	133.7	134.6	133.7	120.9	113.1	113.5	110.9	106.6
240	103.6	99.8	99.8	92.9	88.1	88.7	89.9	92.6
264	97.9	103.8	104.5	104.5	102.4	102.1	104.8	109.9
288	106.6	105.5	107.2	89.9	90.1	87.2	92.7	92.9
312	96.5	93.5	93.8	109.9	110.6	111.3	108.7	101.2
336	112.8	112.3	111.2	106.9	114.3	112.8	85.5	86.4



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WALL RANGES VS DEPTH

DEPTH	2739.2		TILT	0		VOS	5952.10	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	70.3	66.7	64.3	67.3	68.2	71.2	82.8	81.6
24	79.8	93.8	91.1	89.3	93.2	89.9	89.9	87.0
48	78.9	86.1	81.6	79.5	76.2	75.6	75.9	69.7
72	72.1	73.8	74.8	110.7	89.6	103.1	117.6	119.6
96	84.2	111.2	81.0	92.2	73.3	86.1	81.6	87.0
120	91.4	92.5	93.5	96.5	99.2	105.7	105.8	111.7
144	112.9	115.8	114.6	121.5	121.5	125.0	127.6	126.9
168	125.3	126.0	133.4	129.4	133.2	130.4	130.1	134.6
192	132.5	128.6	121.8	122.4	119.1	116.4	117.2	117.3
216	110.2	107.5	107.5	100.1	96.2	95.0	94.4	94.1
240	88.7	85.8	84.8	76.8	76.8	76.8	84.6	86.7
264	85.2	90.2	89.6	85.7	86.1	81.9	83.6	86.0
288	85.0	82.5	70.0	72.6	72.0	72.7	75.0	75.6
312	74.8	75.3	77.4	76.3	93.8	98.0	95.3	89.3
336	94.4	94.1	93.1	98.5	80.1	76.2	74.5	75.5

DEPTH	2749.2		TILT	0		VOS	5956.10	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	67.7	62.9	63.2	64.7	69.7	71.2	71.2	68.8
24	68.8	77.4	79.5	70.0	71.2	72.4	65.3	65.0
48	66.8	70.0	60.8	62.6	59.6	60.5	63.2	63.5
72	63.8	65.3	67.1	68.8	69.4	72.4	69.4	69.7
96	73.0	73.0	72.4	72.4	73.3	73.0	65.9	69.1
120	67.4	77.8	88.5	86.1	82.0	81.1	81.1	94.1
144	98.6	95.9	97.7	97.7	103.4	111.1	109.9	111.8
168	111.8	107.1	108.2	114.1	116.1	113.2	115.2	115.3
192	112.4	108.3	105.5	97.7	100.7	100.4	102.8	97.1
216	95.8	92.4	93.0	92.6	95.5	91.8	89.7	87.0
240	84.9	81.7	79.0	77.2	77.2	77.5	77.5	73.9
264	74.2	76.6	68.3	69.4	69.4	69.4	73.0	70.9
288	60.6	54.0	53.7	54.6	52.8	55.1	55.1	54.9
312	59.9	55.4	57.8	57.2	71.8	71.5	69.4	70.6
336	72.4	75.4	75.2	67.1	64.1	61.4	61.7	71.5

DEPTH	2759.3		TILT	0		VOS	5956.10	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	54.0	62.6	63.2	66.5	69.1	69.1	68.3	68.6
24	68.3	68.0	68.6	69.7	62.6	61.1	58.7	57.5
48	58.7	59.9	59.9	60.2	60.2	61.1	63.2	63.5
72	64.1	65.6	66.5	67.1	68.6	69.4	73.9	73.6
96	73.0	73.0	72.7	68.8	72.1	66.5	66.2	66.8
120	65.6	65.3	65.6	65.9	66.1	70.0	68.3	73.0
144	73.0	81.8	81.7	81.4	85.2	93.3	93.1	96.8
168	96.2	93.9	95.4	94.5	98.6	95.9	95.9	95.9
192	97.7	91.8	87.3	86.1	86.7	89.4	86.4	88.8
216	89.4	89.4	93.3	93.0	85.8	86.1	86.7	85.5
240	85.2	82.2	76.6	74.5	70.3	69.4	69.4	69.7
264	66.8	66.5	65.0	62.0	63.2	62.9	64.4	45.0
288	46.2	50.4	49.5	49.8	50.4	51.3	52.5	52.8
312	52.5	44.1	40.6	40.0	42.0	42.0	58.4	55.4
336	60.8	65.3	64.1	60.2	57.8	56.3	57.5	59.6



CUSTOMER : Westlake US 2, LLC

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**WALL RANGES VS DEPTH**

DEPTH	2768.9		TILT	0		VOS	5956.10	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	57.8	61.1	60.8	63.8	64.4	63.5	63.5	64.4
24	64.1	62.6	63.2	62.6	59.6	58.4	56.9	56.0
48	55.7	58.1	58.1	59.0	59.3	60.2	63.2	63.5
72	64.1	66.2	65.9	66.5	68.3	76.0	74.5	74.2
96	73.9	73.3	72.7	71.6	71.3	66.8	66.5	66.8
120	66.5	65.3	65.6	64.7	62.3	63.5	64.4	65.9
144	70.0	75.1	73.9	74.5	73.9	76.0	82.0	84.9
168	83.4	81.1	85.5	84.6	85.8	84.3	84.6	82.5
192	77.8	82.2	82.0	78.4	81.4	83.1	82.5	81.7
216	79.6	82.2	83.4	84.0	83.7	85.2	85.2	85.5
240	85.5	82.0	78.1	73.0	71.8	71.3	69.0	61.4
264	59.9	60.8	61.4	61.4	62.0	63.2	46.8	46.5
288	46.2	46.2	47.4	47.7	49.5	50.1	52.2	52.2
312	49.8	45.7	40.3	35.5	35.2	35.5	37.3	42.0
336	42.9	52.5	53.4	54.3	54.9	56.3	57.5	57.5

DEPTH	2779.1		TILT	0		VOS	5956.10	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	59.3	59.6	60.2	60.5	60.8	61.4	62.3	64.7
24	60.8	61.7	60.5	61.1	57.8	56.0	55.7	55.4
48	56.0	56.6	57.2	57.5	58.7	59.6	61.1	62.9
72	64.1	66.2	68.8	70.6	73.3	73.9	74.2	65.3
96	68.4	68.7	68.5	72.4	70.9	68.0	67.4	67.4
120	67.7	66.5	63.2	63.5	61.7	64.1	65.3	67.4
144	70.3	71.8	73.3	69.1	66.5	69.7	72.4	74.2
168	75.4	76.0	76.9	77.5	78.7	78.7	78.1	79.0
192	79.3	79.9	83.1	81.7	80.5	81.1	77.8	77.8
216	77.8	79.9	82.5	82.5	86.1	85.8	85.8	85.2
240	83.7	82.8	81.1	78.1	74.8	71.5	68.6	65.9
264	64.9	63.4	63.3	60.2	58.1	56.9	49.9	46.5
288	46.8	47.4	47.7	48.3	48.9	50.1	51.0	51.9
312	52.5	47.4	47.7	49.8	49.5	48.6	51.3	53.4
336	53.1	54.0	54.6	54.6	54.9	56.0	56.9	58.4

DEPTH	2789.2		TILT	0		VOS	5956.10	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	59.3	56.0	56.3	57.2	57.5	57.5	55.4	54.9
24	53.7	53.1	53.1	53.7	54.9	54.6	53.1	52.2
48	52.5	53.4	54.3	55.7	57.8	59.6	62.0	63.8
72	63.2	62.3	61.4	62.0	63.8	67.1	63.5	63.2
96	62.9	64.1	64.4	67.4	70.3	69.4	69.7	70.9
120	68.6	68.3	68.3	66.5	66.2	66.2	66.5	68.0
144	69.0	70.3	72.7	68.0	70.0	71.8	73.6	74.5
168	77.2	77.2	78.4	79.9	80.2	79.6	79.9	80.5
192	82.5	82.8	83.4	84.3	82.5	82.0	81.4	81.7
216	83.4	84.6	85.2	86.7	86.7	86.7	85.5	84.3
240	83.4	82.2	80.8	80.2	76.0	74.2	70.6	68.8
264	68.3	66.5	65.3	62.9	61.1	59.3	58.1	56.6
288	58.1	60.2	61.7	62.3	60.5	56.9	60.8	54.6
312	54.0	60.2	54.0	54.6	54.6	55.1	55.1	54.6
336	53.1	53.1	53.7	56.9	56.9	57.2	58.4	59.3



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WALL RANGES VS DEPTH

DEPTH	2799.3		TILT	0		VOS	5956.90	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	60.2	56.3	56.6	57.2	57.8	57.2	55.2	54.3
24	54.3	54.0	53.7	55.2	54.6	53.1	52.5	52.5
48	52.8	54.3	55.2	56.3	58.7	60.8	62.0	63.2
72	62.9	62.3	62.0	62.0	62.6	64.7	64.1	63.5
96	63.2	63.8	65.0	66.8	68.6	69.5	69.5	69.5
120	68.9	68.0	66.8	65.9	65.9	65.3	65.3	66.5
144	67.7	68.9	69.8	73.6	78.1	79.6	83.5	85.2
168	85.8	87.3	87.3	87.6	87.6	87.3	87.6	84.0
192	84.3	84.6	87.0	88.8	90.3	88.2	86.7	85.5
216	84.9	84.9	87.0	88.2	91.8	92.4	91.8	89.7
240	88.8	85.2	81.7	77.2	76.3	76.9	71.8	70.5
264	69.3	67.1	64.7	63.8	59.6	58.4	56.3	55.5
288	54.9	54.9	56.3	56.6	56.1	56.3	56.1	56.1
312	54.9	54.0	54.0	54.9	55.8	56.3	56.1	55.5
336	54.9	53.7	54.6	56.9	56.9	58.1	55.8	58.1

DEPTH	2804.1		TILT	0		VOS	5956.90	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	57.8	56.9	56.9	57.5	57.8	58.1	55.5	54.3
24	54.0	54.3	54.3	55.2	55.2	53.4	53.1	53.1
48	53.7	54.0	55.8	56.3	58.1	59.9	60.8	62.9
72	62.9	62.3	61.7	62.0	63.2	65.0	64.4	63.8
96	63.5	63.5	65.0	65.6	67.4	69.5	69.5	69.5
120	68.6	67.7	67.1	66.5	65.9	65.9	65.9	66.8
144	68.3	69.5	71.2	73.0	79.0	80.8	82.9	85.5
168	85.5	86.7	86.7	87.0	87.6	85.2	85.5	84.6
192	84.9	85.5	87.6	89.4	88.2	88.5	83.2	87.0
216	85.5	87.0	88.2	89.1	92.1	91.5	90.0	88.5
240	88.5	83.5	81.1	77.8	77.2	77.5	73.6	70.6
264	69.2	66.3	65.7	64.2	60.8	59.0	57.8	55.8
288	55.2	55.2	55.8	56.1	56.6	55.8	56.1	56.1
312	55.2	54.0	54.0	54.9	55.8	56.1	55.5	54.9
336	54.3	54.5	54.3	56.3	56.9	56.1	57.2	57.2

DEPTH	2809.0		TILT	0		VOS	5956.90	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	57.2	57.2	57.2	57.8	57.8	58.4	56.6	55.5
24	53.4	54.0	54.0	55.5	55.2	52.8	52.5	52.5
48	52.8	53.4	55.5	56.9	58.1	59.0	62.0	62.9
72	62.6	62.3	62.0	61.7	62.6	65.0	63.8	63.8
96	63.2	63.5	64.1	65.3	66.5	66.8	69.2	69.8
120	69.8	68.6	67.1	66.5	65.6	65.6	66.5	67.1
144	68.6	70.0	70.6	73.3	76.9	81.4	81.4	85.5
168	85.8	86.1	87.0	87.3	87.6	85.2	85.2	85.2
192	85.5	87.0	88.8	88.8	88.5	85.2	84.3	87.9
216	87.0	87.9	89.7	91.2	90.6	90.3	89.4	88.2
240	86.4	83.8	81.7	79.6	78.4	78.4	75.7	72.4
264	70.0	67.4	64.7	64.5	62.3	61.1	59.6	57.5
288	56.6	55.8	55.5	55.8	56.1	55.5	55.8	56.1
312	54.6	53.7	53.7	54.3	55.5	55.8	55.5	54.9
336	54.9	54.6	56.1	56.1	56.1	56.6	57.2	58.7



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WALL RANGES VS DEPTH

DEPTH	2814.0		TILT	0		VOS	5956.90	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	57.5	57.5	58.4	58.4	58.7	59.0	57.2	55.8
24	54.0	54.6	55.2	55.5	55.2	52.8	52.5	52.5
48	52.8	54.3	55.5	56.6	58.1	59.0	60.2	62.3
72	62.6	62.3	62.0	62.0	62.6	65.0	64.4	63.5
96	63.2	63.2	64.7	63.8	63.2	66.8	69.2	69.5
120	69.5	68.3	67.1	66.5	66.2	66.2	66.5	67.4
144	69.5	70.6	72.4	74.8	77.2	80.2	82.6	84.3
168	85.5	85.5	86.7	87.3	87.3	85.5	85.5	85.5
192	86.4	87.6	88.5	89.4	88.2	85.5	86.1	87.6
216	88.5	87.6	88.5	92.7	90.3	90.0	89.1	88.5
240	87.9	84.0	82.9	81.7	79.6	77.8	76.3	74.8
264	70.6	68.6	65.3	64.7	62.0	59.6	60.5	59.3
288	57.2	56.3	55.8	55.8	55.5	54.9	55.2	55.8
312	54.9	53.1	53.4	54.0	54.6	55.5	55.5	55.5
336	55.5	56.3	56.1	56.1	56.6	54.3	54.0	53.7

DEPTH	2819.1		TILT	0		VOS	5956.90	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	58.1	58.1	58.1	58.7	59.3	59.3	56.9	55.5
24	54.9	56.1	57.2	56.3	54.3	53.4	52.8	53.1
48	53.1	54.0	55.5	57.2	57.8	59.3	60.8	61.7
72	62.3	61.7	61.1	61.7	62.6	64.1	64.4	63.5
96	62.9	63.2	63.8	64.1	64.1	66.2	69.2	69.2
120	69.2	68.0	67.1	66.5	66.2	66.5	66.8	67.7
144	70.0	70.3	71.5	73.9	76.3	77.8	82.3	84.3
168	85.5	85.5	86.7	87.0	87.3	85.5	85.2	86.1
192	86.4	87.9	84.0	89.1	87.9	87.9	86.7	86.1
216	87.6	88.5	89.1	89.1	90.0	90.9	90.0	87.3
240	86.4	84.6	82.6	82.6	79.9	78.7	77.8	75.3
264	72.1	68.9	67.1	65.0	62.3	60.8	59.9	59.3
288	58.1	57.2	56.3	55.2	54.9	54.9	55.2	55.5
312	54.6	53.7	52.8	53.7	54.9	55.5	55.5	55.5
336	55.8	55.5	56.1	55.8	56.1	55.8	55.5	55.5

DEPTH	2824.1		TILT	0		VOS	5956.90	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	59.9	59.0	59.0	60.2	60.2	58.7	57.5	56.9
24	56.1	56.6	57.2	56.1	55.5	54.6	53.1	53.1
48	53.4	54.3	55.2	57.2	58.4	59.0	61.1	61.7
72	61.7	61.4	61.1	61.4	62.9	64.7	64.1	62.9
96	62.9	62.9	63.2	62.9	63.5	67.4	68.3	69.2
120	69.2	68.3	67.1	66.8	66.5	66.5	67.4	68.0
144	69.2	69.8	72.4	73.9	78.4	78.4	82.3	83.2
168	85.5	85.5	87.3	87.0	86.7	85.5	85.5	86.1
192	87.6	83.8	84.0	84.0	88.5	87.9	87.9	85.8
216	86.4	89.7	90.0	90.0	92.1	91.8	90.9	88.5
240	86.7	84.6	83.5	82.9	81.1	80.5	78.7	75.7
264	72.1	69.2	68.0	67.1	63.8	61.1	60.5	59.6
288	56.6	54.6	54.6	55.5	54.9	54.3	54.6	54.9
312	54.0	53.7	52.8	52.8	54.6	55.2	55.2	54.9
336	55.5	55.5	55.8	55.8	56.1	56.3	56.3	57.8



CUSTOMER : Westlake US 2, LLC
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WALL RANGES VS DEPTH

DEPTH	2829.0		TILT	0		VOS	5956.90	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	79.1	60.5	60.8	60.2	60.2	59.3	58.7	72.7
24	56.6	72.4	57.8	72.7	70.6	70.6	69.5	64.1
48	63.5	63.5	62.6	61.4	58.4	59.6	61.7	61.4
72	61.7	61.4	61.1	61.4	63.2	64.1	63.8	62.6
96	62.6	62.6	62.9	62.6	64.1	66.5	68.0	69.2
120	69.2	68.0	67.1	67.1	67.1	66.8	67.1	68.0
144	68.9	69.5	70.3	73.9	78.4	79.6	82.3	82.9
168	85.5	85.8	87.0	87.0	87.0	85.5	85.5	86.1
192	87.0	83.5	83.8	84.9	88.5	87.3	87.0	87.0
216	87.6	89.1	90.3	90.9	92.1	92.4	91.5	88.3
240	87.3	85.5	84.3	83.8	81.7	81.7	78.1	76.3
264	74.9	69.9	68.0	66.2	64.7	61.4	61.1	59.9
288	57.5	56.3	55.2	54.9	54.6	53.4	54.3	54.9
312	54.6	53.7	52.2	54.9	54.9	54.9	55.2	55.5
336	57.8	58.1	58.1	59.0	56.6	56.6	57.2	57.5

DEPTH	2834.0		TILT	0		VOS	5956.90	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	101.9	96.9	95.1	89.1	88.5	89.1	87.0	86.1
24	84.9	78.1	76.9	76.9	78.4	73.6	74.5	73.3
48	73.3	73.0	72.7	70.3	69.2	69.5	67.1	70.3
72	70.9	71.2	71.5	65.9	69.2	68.9	68.7	77.1
96	72.7	68.0	84.0	68.7	83.9	87.9	68.6	69.5
120	68.9	68.0	67.4	67.4	67.4	67.1	67.1	68.6
144	69.2	70.3	69.7	73.3	77.5	80.5	82.6	83.2
168	85.5	86.7	86.7	87.0	87.0	85.5	86.1	86.1
192	85.5	86.1	86.1	86.7	88.2	88.2	87.3	87.9
216	89.4	90.0	90.9	92.7	93.0	93.9	90.6	89.1
240	87.9	85.8	84.0	83.5	83.2	82.3	79.9	77.8
264	75.1	70.6	68.9	67.4	65.3	63.2	63.2	62.0
288	58.7	56.9	56.1	63.5	66.4	158.5	158.2	63.5
312	64.7	64.1	64.4	161.4	155.6	151.9	150.1	150.5
336	98.0	93.9	94.6	97.2	96.3	95.5	95.2	101.9

DEPTH	2839.0		TILT	0		VOS	5956.90	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	151.4	153.1	103.4	101.3	100.7	99.5	93.9	90.0
24	91.5	88.2	88.2	86.7	84.9	87.0	85.2	83.8
48	82.0	81.1	80.8	76.3	75.7	74.8	73.9	78.1
72	78.4	78.7	81.1	77.8	79.3	81.1	81.1	80.8
96	86.1	87.6	90.6	92.1	93.0	98.9	101.0	107.9
120	108.2	113.5	217.7	220.6	121.5	122.2	125.6	128.9
144	127.8	127.8	87.4	239.7	78.4	80.8	82.3	82.3
168	85.2	86.7	87.6	87.6	86.7	85.8	86.7	86.1
192	86.4	86.7	87.3	87.9	89.4	89.4	89.7	88.8
216	89.7	90.9	90.9	93.3	94.5	94.5	91.5	90.3
240	87.0	85.8	85.5	84.9	83.5	82.6	199.8	196.6
264	197.5	196.9	191.9	184.3	179.5	177.4	167.9	166.0
288	163.0	160.3	159.1	158.5	158.2	158.8	157.9	157.6
312	158.2	160.0	161.8	160.6	155.8	153.9	150.8	150.8
336	150.2	152.3	154.3	157.0	152.9	151.7	151.1	152.0



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WALL RANGES VS DEPTH

DEPTH	2843.9		TILT	0		VOS	5956.90	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	152.0	152.9	152.0	152.0	150.8	148.4	149.6	149.6
24	149.3	147.5	148.4	146.9	147.8	146.9	147.5	149.3
48	151.4	152.9	153.7	154.6	157.0	155.9	156.5	159.9
72	91.5	165.8	167.0	170.3	173.1	175.6	178.1	101.9
96	96.9	99.2	100.7	102.8	107.3	119.2	111.7	212.2
120	213.7	217.7	221.4	224.0	237.1	134.0	134.1	139.4
144	234.8	230.5	232.6	243.0	243.5	128.9	237.6	241.3
168	241.7	242.9	244.5	246.9	247.7	248.7	247.2	245.1
192	92.4	87.6	245.6	90.0	90.6	90.3	91.2	90.6
216	91.5	92.1	92.7	93.9	227.9	226.4	223.9	221.7
240	220.8	219.0	216.6	214.3	206.8	208.0	204.4	200.4
264	197.8	197.0	195.9	185.3	180.8	176.7	168.3	167.2
288	163.4	161.4	159.6	159.8	157.9	158.2	157.3	157.9
312	159.1	159.4	161.5	161.1	156.1	155.5	151.4	151.1
336	149.9	152.9	154.3	157.0	153.4	151.4	151.1	152.0

DEPTH	2849.0		TILT	0		VOS	5957.50	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	152.0	152.6	151.4	151.1	150.2	148.7	149.6	148.7
24	148.7	147.5	148.1	147.8	147.8	146.9	147.5	149.3
48	152.0	151.6	153.5	157.0	159.4	158.9	162.7	164.5
72	167.5	169.8	171.9	173.7	177.0	179.7	180.0	185.3
96	188.3	192.5	196.4	197.2	201.1	206.2	208.1	212.4
120	217.2	217.5	225.2	227.6	236.3	237.5	231.8	234.9
144	229.8	230.1	236.0	246.4	245.1	241.1	236.3	241.1
168	242.5	245.1	247.7	247.9	249.1	247.7	247.6	244.9
192	244.6	244.3	249.1	249.4	245.5	244.7	239.6	233.8
216	232.4	227.1	226.6	227.0	229.1	230.6	225.0	223.8
240	220.8	220.2	216.6	216.3	208.0	208.3	207.0	202.9
264	197.2	196.4	186.8	185.3	182.1	177.0	166.9	166.3
288	163.6	163.3	161.1	161.2	158.8	158.7	160.3	162.4
312	160.3	159.2	161.8	162.4	156.1	155.4	151.6	150.8
336	149.9	152.9	153.2	157.0	156.7	151.4	151.4	152.0

DEPTH	2854.0		TILT	0		VOS	5957.50	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	151.7	152.6	151.4	151.1	150.2	149.6	148.1	149.3
24	148.4	147.8	149.6	149.4	148.1	147.4	149.6	150.3
48	152.4	153.8	157.3	157.0	161.5	160.0	163.0	165.1
72	167.5	169.0	172.5	176.4	176.7	179.4	181.8	187.1
96	187.7	194.6	196.1	200.5	202.9	203.8	207.7	209.8
120	216.3	216.9	224.1	227.6	236.3	237.2	231.2	235.7
144	230.9	230.3	236.0	243.1	246.1	240.4	237.5	241.0
168	242.8	244.6	246.7	248.2	248.2	246.4	247.6	244.9
192	243.4	244.9	248.5	247.9	245.5	239.8	237.1	234.2
216	230.6	222.6	223.2	225.0	230.0	230.0	225.5	223.5
240	220.8	220.8	219.9	216.3	211.0	210.4	209.5	203.1
264	197.5	194.6	184.4	179.1	175.8	175.8	166.6	165.7
288	163.0	163.6	163.3	161.5	159.7	158.5	158.5	163.3
312	162.4	163.6	163.3	162.7	156.4	153.2	151.1	150.8
336	149.9	152.6	153.2	156.4	156.4	151.1	150.8	151.7



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WALL RANGES VS DEPTH

DEPTH	2859.0		TILT	0		VOS	5957.50	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	152.3	152.6	152.0	151.7	150.8	150.5	149.9	149.9
24	149.0	148.4	149.3	148.4	148.7	149.3	149.9	151.4
48	152.9	154.4	161.2	158.5	162.1	160.9	162.4	162.1
72	167.8	169.5	172.8	176.7	177.3	180.9	184.1	187.7
96	188.3	191.9	196.1	199.6	200.5	202.3	205.9	208.3
120	216.3	216.9	222.0	225.2	231.8	237.2	230.9	236.0
144	230.3	229.7	233.9	243.4	246.1	241.9	237.2	241.0
168	243.7	242.5	244.3	247.6	246.4	247.9	247.6	242.8
192	242.2	243.7	249.7	247.0	242.5	239.8	233.6	234.2
216	230.6	222.0	222.3	219.3	228.8	227.9	225.0	223.2
240	222.0	220.8	221.2	219.9	214.8	212.5	209.5	202.9
264	197.8	194.3	184.1	179.4	175.5	167.5	166.6	166.0
288	163.0	162.7	162.7	160.9	160.3	159.7	159.1	163.0
312	162.7	163.3	163.0	163.0	157.0	155.8	151.1	151.4
336	150.2	151.7	154.1	156.7	155.0	151.4	151.1	152.3

DEPTH	2869.2		TILT	0		VOS	5957.50	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	151.4	150.7	151.4	151.1	150.0	149.0	149.7	149.3
24	147.9	146.9	147.9	150.4	151.1	150.2	151.7	152.4
48	154.2	154.0	158.6	157.3	162.5	162.1	164.5	165.9
72	167.6	169.4	175.6	178.5	182.5	182.2	183.5	187.0
96	189.8	193.2	198.4	198.4	198.0	197.6	201.2	204.6
120	211.9	213.9	214.6	225.0	223.5	228.9	229.5	229.1
144	228.1	228.5	229.0	236.8	246.1	240.9	235.7	241.2
168	242.6	241.9	243.3	244.3	246.8	246.1	245.7	240.2
192	240.5	240.2	241.9	237.7	235.4	235.4	234.0	229.5
216	224.6	221.9	221.2	219.1	224.0	228.5	226.8	225.2
240	224.0	222.9	222.6	222.9	220.9	215.3	211.6	204.8
264	197.4	182.8	180.1	179.9	174.9	168.0	165.9	163.5
288	161.4	161.4	159.0	158.7	159.3	158.7	158.7	161.1
312	161.8	163.5	162.1	161.8	156.6	151.4	150.7	150.7
336	149.7	149.4	153.1	153.9	155.5	150.7	150.4	152.1

DEPTH	2879.2		TILT	0		VOS	5957.50	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	146.6	146.9	146.2	147.3	146.2	146.2	145.5	144.5
24	143.5	144.8	146.2	150.4	150.7	154.2	155.5	154.2
48	154.3	156.6	157.6	166.6	166.9	169.1	169.4	169.4
72	170.4	177.3	178.7	180.4	182.2	184.9	185.6	184.9
96	186.3	194.9	197.7	197.0	194.9	193.9	199.4	200.5
120	203.2	202.5	209.1	215.0	215.4	220.9	213.9	219.8
144	221.9	227.4	226.0	231.2	238.5	236.7	235.7	234.3
168	234.7	240.5	238.1	235.4	239.9	239.9	234.3	232.9
192	234.7	233.0	226.3	228.1	228.1	232.6	229.8	220.2
216	218.1	218.1	219.8	220.9	225.0	225.7	231.2	226.4
240	225.7	224.0	226.0	225.7	224.7	218.4	214.3	207.4
264	198.4	183.1	170.4	173.2	165.9	165.9	158.7	155.9
288	154.9	155.9	154.2	153.5	151.4	149.8	153.5	152.1
312	155.9	153.5	154.2	154.2	146.6	145.5	145.2	146.2
336	147.9	147.3	150.0	149.7	146.9	145.2	144.5	143.4



CUSTOMER : Westlake US 2, LLC

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**WALL RANGES VS DEPTH**

DEPTH	2889.0		TILT	0		VOS	5957.50	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	137.9	138.9	139.7	143.1	138.2	140.0	141.0	139.0
24	140.3	142.8	144.5	147.3	152.4	156.6	156.2	155.2
48	155.5	155.5	155.9	165.6	168.3	168.0	171.3	173.9
72	176.6	177.0	178.4	180.1	183.2	188.7	188.0	185.3
96	185.3	191.5	196.3	195.6	194.6	192.9	193.2	196.5
120	193.9	190.8	205.0	210.8	210.8	216.7	213.3	215.7
144	221.5	226.4	225.3	228.5	236.1	236.1	225.7	234.0
168	230.5	228.5	230.9	235.7	235.4	235.4	230.2	216.5
192	227.1	227.4	226.7	220.2	222.6	222.2	218.8	217.1
216	215.3	212.9	213.9	222.6	227.4	228.4	231.2	227.2
240	228.5	227.4	227.8	226.0	227.4	218.8	214.1	210.3
264	202.3	183.3	169.7	164.2	161.9	160.7	154.2	153.1
288	150.7	154.5	150.4	151.4	145.5	147.3	150.9	151.1
312	152.1	152.1	150.7	142.8	137.9	142.8	143.1	145.5
336	144.8	143.9	149.0	146.2	142.1	139.7	140.0	142.8

DEPTH	2899.0		TILT	0		VOS	5957.50	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	136.2	136.2	134.6	136.0	139.0	135.5	137.6	135.9
24	137.2	140.7	143.1	146.2	149.3	155.9	156.6	154.9
48	154.9	154.5	156.2	164.9	165.9	169.5	173.2	173.5
72	174.2	174.6	176.6	178.0	181.5	184.6	186.6	183.9
96	182.8	192.2	192.9	195.6	193.9	192.9	192.5	197.7
120	194.9	193.6	205.3	207.0	208.4	211.2	212.2	211.5
144	218.8	226.0	222.9	228.5	231.6	232.9	225.0	225.3
168	224.7	221.9	229.8	231.6	229.8	230.2	227.8	216.4
192	220.5	225.3	225.0	218.4	218.4	218.6	216.0	210.5
216	212.6	213.9	220.2	223.3	230.2	231.2	231.2	228.5
240	228.5	229.5	229.5	228.8	227.8	220.2	212.9	210.1
264	198.0	180.4	169.7	161.1	157.3	152.8	153.1	149.2
288	145.9	140.3	139.0	145.2	144.1	146.2	146.2	144.8
312	148.6	141.4	146.9	139.3	135.2	139.0	132.1	133.8
336	142.4	138.6	142.8	141.7	139.3	139.0	139.3	136.0

DEPTH	2899.1		TILT	-27		VOS	5958.60	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	135.4	134.5	131.0	132.0	130.1	128.3	129.6	134.5
24	141.7	142.4	149.8	158.8	164.1	170.4	171.4	170.9
48	172.0	178.1	184.5	183.1	179.9	182.3	185.3	187.0
72	185.6	185.6	186.5	191.4	194.0	197.1	202.0	204.0
96	205.7	207.2	205.9	203.0	201.1	199.1	197.5	195.8
120	196.2	197.5	195.3	189.6	189.6	190.9	190.5	190.9
144	185.2	180.4	182.3	187.0	196.7	198.4	199.0	195.3
168	206.1	203.3	206.4	206.4	206.8	205.2	205.3	207.2
192	207.7	210.2	211.2	216.1	220.5	231.9	235.5	249.8
216	254.6	255.7	267.3	269.6	273.6	278.3	273.4	275.1
240	267.2	256.0	251.6	249.5	251.3	250.9	247.4	246.9
264	260.7	255.7	199.3	194.5	194.5	198.7	211.6	215.2
288	207.2	212.5	206.4	205.0	198.9	194.7	190.5	179.0
312	173.5	168.8	161.9	159.0	153.1	149.0	147.7	147.7
336	146.6	145.9	144.2	142.4	140.8	138.0	139.3	136.7



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WALL RANGES VS DEPTH

DEPTH	2899.1		TILT	-28		VOS	5958.60	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	139.1	138.7	134.1	133.6	133.6	130.1	130.5	135.4
24	142.5	143.7	149.5	157.4	163.5	171.9	173.0	172.4
48	172.8	177.8	186.3	186.1	183.0	182.1	186.1	189.7
72	187.2	187.2	188.3	192.7	194.7	199.1	204.5	205.2
96	208.0	210.0	208.1	205.5	202.8	200.2	200.4	196.2
120	197.5	198.0	197.0	198.4	196.2	191.7	190.9	191.9
144	187.0	180.8	185.2	187.0	198.3	199.7	201.6	196.2
168	206.7	203.7	207.7	208.0	208.5	207.2	206.4	206.8
192	206.8	211.2	219.2	221.8	226.6	231.5	235.0	252.8
216	257.1	260.8	270.8	272.7	278.3	284.4	283.2	332.6
240	272.3	259.4	255.6	252.8	255.1	254.0	247.1	250.5
264	278.3	275.0	198.9	194.1	191.8	191.4	178.6	220.4
288	213.0	215.7	211.9	212.4	207.2	205.0	194.6	188.6
312	182.2	174.6	166.7	166.2	157.4	154.8	153.4	150.6
336	147.7	148.7	148.5	147.9	147.4	141.4	140.2	137.6

DEPTH	2899.1		TILT	-29		VOS	5958.60	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	142.9	146.2	137.1	134.0	133.6	131.4	133.3	137.1
24	143.3	144.6	150.4	159.2	162.7	173.4	175.1	174.2
48	172.8	177.7	188.2	186.1	185.2	185.5	190.2	192.0
72	188.7	188.7	190.2	193.7	194.5	201.1	206.8	207.2
96	210.2	212.5	211.6	209.0	206.4	204.2	201.1	197.8
120	198.2	199.7	198.8	198.4	198.4	192.2	190.5	192.2
144	188.3	181.1	186.6	193.1	199.4	201.3	203.7	196.8
168	209.2	206.0	208.1	207.7	210.8	209.4	205.6	208.4
192	206.8	213.9	222.2	232.1	228.4	238.1	239.4	255.4
216	259.6	265.5	275.6	277.3	352.3	351.9	353.6	353.6
240	350.5	344.8	257.1	316.3	310.4	256.3	242.6	293.6
264	298.5	296.9	200.6	194.5	191.4	185.5	176.2	225.3
288	225.8	225.3	216.7	216.7	212.9	211.0	208.6	198.9
312	192.2	189.2	177.3	175.5	166.8	160.9	158.5	153.0
336	157.9	154.6	153.5	152.7	151.8	144.2	148.1	143.2

DEPTH	2899.1		TILT	-30		VOS	5958.60	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	149.3	149.5	138.0	137.0	139.0	138.2	138.9	142.9
24	144.5	146.8	150.4	163.1	166.8	175.0	176.5	175.5
48	175.1	177.3	189.7	187.4	187.4	187.7	194.5	194.8
72	191.3	191.0	192.3	194.0	200.6	202.9	209.2	210.1
96	213.3	214.4	212.5	209.9	209.4	205.9	205.2	200.7
120	199.4	199.7	200.5	200.9	200.9	193.8	194.0	192.7
144	189.6	183.5	188.5	195.9	200.1	202.7	205.9	197.1
168	210.7	208.1	209.4	207.7	210.8	211.7	209.0	207.7
192	215.6	221.8	229.8	221.8	236.8	239.0	239.4	259.6
216	264.0	358.0	356.9	354.1	324.9	324.9	353.6	353.6
240	350.5	347.0	317.7	314.8	311.3	298.1	238.4	292.8
264	298.1	205.9	200.6	196.7	191.8	179.5	173.3	214.4
288	265.9	265.9	224.4	220.5	224.4	221.4	217.4	209.0
312	207.2	204.6	198.4	179.8	177.3	175.5	169.4	169.9
336	165.5	163.4	157.9	157.4	155.7	154.3	153.1	150.5



CUSTOMER : Westlake US 2, LLC

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**WALL RANGES VS DEPTH**

DEPTH	2899.1		TILT	-31		VOS	5958.60	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	158.0	155.2	155.7	144.2	146.8	142.0	145.0	145.1
24	145.5	146.4	151.2	164.5	170.4	176.7	177.9	177.2
48	177.3	178.6	190.9	190.1	189.2	189.6	199.2	197.7
72	197.5	197.5	197.6	202.9	209.4	206.5	212.5	213.4
96	217.8	217.2	214.3	212.7	209.9	209.9	212.1	212.1
120	199.7	199.7	202.9	203.3	204.2	196.1	194.9	194.5
144	190.5	184.8	189.9	197.6	202.1	204.2	205.9	197.1
168	208.8	210.5	209.4	207.8	212.8	212.1	212.5	216.9
192	219.6	218.3	226.2	236.8	244.3	247.7	247.8	357.4
216	357.4	352.0	357.2	345.7	301.7	301.7	327.1	329.8
240	328.1	337.3	316.3	301.8	306.0	289.9	234.3	291.5
264	250.5	204.0	194.3	192.5	189.2	179.5	174.5	204.1
288	273.4	272.9	242.8	245.3	236.1	230.8	229.7	219.3
312	214.3	209.4	206.9	202.0	196.7	192.5	188.3	180.1
336	179.0	178.0	171.1	168.9	161.8	159.3	160.5	160.1

DEPTH	2899.1		TILT	-32		VOS	5958.60	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	168.8	163.9	162.3	157.9	155.7	150.8	153.4	148.0
24	149.2	155.4	152.6	170.0	173.3	178.6	179.9	179.5
48	180.3	181.2	193.1	192.2	196.3	194.9	203.9	200.4
72	201.1	205.5	208.3	210.2	211.1	212.5	214.9	219.4
96	220.9	233.3	236.3	215.3	328.0	331.4	245.4	249.3
120	342.5	352.0	357.4	206.2	207.7	198.6	195.3	195.8
144	191.4	185.6	190.9	198.6	204.1	206.0	206.4	197.9
168	207.0	212.1	209.9	210.4	215.6	216.9	219.1	218.8
192	223.4	221.8	235.9	240.8	244.3	248.7	250.9	349.9
216	349.9	346.0	348.6	334.7	281.3	281.9	304.7	309.2
240	308.2	309.8	298.4	289.6	292.5	281.8	284.8	289.7
264	214.7	201.5	196.5	188.3	186.1	178.6	175.9	194.2
288	280.9	279.7	264.1	259.3	248.8	240.7	243.0	230.2
312	224.4	217.8	216.9	209.9	204.9	201.7	199.9	190.4
336	193.6	193.6	186.9	180.4	177.3	172.6	173.3	173.4

DEPTH	2899.1		TILT	-33		VOS	5958.60	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	174.6	173.3	173.6	169.4	168.7	154.3	171.1	157.4
24	167.6	172.4	169.6	175.4	175.3	181.2	181.7	181.8
48	183.0	186.5	195.0	193.6	201.6	207.2	211.4	211.5
72	209.4	213.2	209.8	228.5	230.5	232.6	233.2	233.3
96	232.8	236.1	239.5	329.3	332.6	334.7	340.7	344.5
120	347.6	209.3	359.0	359.1	361.2	359.6	197.7	195.8
144	191.8	185.6	193.9	200.5	205.7	206.5	209.7	201.1
168	207.1	214.8	213.2	213.4	217.7	220.2	222.9	227.4
192	233.3	234.1	239.4	247.8	248.2	249.6	355.0	342.4
216	342.4	340.0	340.0	334.7	263.2	264.1	284.8	290.7
240	291.0	286.6	282.1	278.3	279.6	276.5	226.9	284.8
264	210.3	201.8	198.0	189.0	184.3	177.3	175.9	185.8
288	283.1	284.5	271.8	268.9	262.8	251.3	255.9	254.7
312	252.5	228.8	226.6	222.7	216.1	215.4	213.4	199.4
336	202.1	198.9	203.7	191.8	186.5	194.0	191.4	183.3



CUSTOMER : Westlake US 2, LLC
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WALL RANGES VS DEPTH

DEPTH	2899.1		TILT	-34		VOS	5958.60	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	185.6	192.7	192.7	178.3	183.1	181.7	182.9	187.4
24	177.4	184.4	178.1	178.5	177.7	185.4	185.0	184.3
48	185.2	192.1	197.1	207.3	206.1	210.3	216.5	216.9
72	212.5	220.1	227.1	230.1	300.7	300.4	236.8	239.9
96	317.4	240.3	241.6	330.4	333.6	336.8	340.1	346.5
120	350.2	355.4	358.9	361.1	361.1	206.8	202.8	197.1
144	195.8	190.7	196.5	203.3	207.2	208.6	211.6	204.6
168	208.0	216.1	215.2	218.3	221.5	226.5	228.4	232.3
192	240.5	235.5	246.9	247.8	348.2	333.8	336.0	335.1
216	335.1	338.0	293.4	290.2	264.1	264.6	267.4	274.4
240	275.4	269.0	269.5	270.1	269.9	269.9	276.0	217.8
264	205.5	201.5	198.4	192.4	186.1	177.9	176.4	178.1
288	287.0	290.4	279.7	279.0	284.8	269.3	269.9	263.4
312	261.8	254.0	254.4	254.0	228.4	225.3	229.3	217.2
336	213.9	209.5	210.8	202.4	202.4	204.6	207.1	194.5

DEPTH	2899.1		TILT	-35		VOS	5958.60	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	212.5	202.3	203.9	201.5	198.9	190.0	196.2	201.5
24	205.8	239.0	238.5	190.5	247.4	245.2	251.4	187.2
48	188.7	195.4	204.2	209.8	220.0	219.1	226.2	272.9
72	288.2	222.7	301.2	302.7	304.2	305.1	318.0	318.4
96	320.6	322.3	324.3	331.6	333.8	336.4	340.8	346.6
120	346.8	355.4	358.9	361.1	354.2	354.7	202.8	199.1
144	199.1	195.3	198.5	206.0	208.7	211.5	212.1	206.4
168	210.1	216.3	221.4	224.9	226.4	357.6	354.7	355.0
192	355.3	241.2	338.1	247.1	337.4	327.1	325.0	320.6
216	316.9	303.8	257.4	255.3	264.1	258.4	251.8	261.5
240	261.4	262.1	264.6	265.0	262.4	264.8	269.9	220.9
264	201.3	201.1	198.0	192.7	190.5	178.1	173.3	173.3
288	290.6	293.0	287.9	289.7	291.9	289.7	285.6	272.3
312	271.2	271.2	256.2	254.0	250.9	248.4	234.1	229.7
336	228.8	228.4	228.4	226.2	226.2	216.6	214.0	199.9

DEPTH	2899.1		TILT	-36		VOS	5958.60	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	228.8	217.1	233.0	234.3	237.5	238.1	239.9	239.4
24	240.8	241.6	244.7	249.1	256.4	257.9	261.8	261.7
48	192.3	200.3	211.9	273.1	271.0	271.3	272.9	277.0
72	290.4	296.6	305.5	306.5	309.7	316.2	319.2	318.8
96	321.4	322.3	323.6	327.6	333.8	336.4	338.6	345.7
120	342.7	350.0	351.6	352.7	347.0	351.3	354.0	201.5
144	356.3	357.4	201.6	209.8	210.9	213.0	213.7	209.9
168	216.5	218.6	230.1	347.8	345.0	355.0	351.9	346.1
192	349.2	350.3	343.5	331.9	327.3	323.0	326.3	307.1
216	300.6	275.1	257.5	255.3	263.1	252.0	251.2	257.5
240	260.2	258.1	262.2	261.0	260.6	259.7	259.3	226.6
264	200.2	200.2	197.1	192.7	189.6	177.4	172.8	173.3
288	247.1	248.4	289.8	297.8	298.9	289.7	287.3	283.5
312	276.4	275.1	261.6	255.8	252.9	250.0	235.6	232.3
336	231.4	230.8	232.1	233.7	226.7	228.0	228.0	228.0



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WALL RANGES VS DEPTH

DEPTH	2899.1		TILT	-39		VOS	5958.60	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	240.4	244.8	240.8	240.8	240.8	246.5	248.2	254.0
24	258.7	265.0	280.1	282.0	287.1	287.4	292.8	297.2
48	297.2	295.3	293.2	295.0	298.2	296.3	298.2	303.9
72	296.3	303.4	303.4	302.5	310.0	313.1	314.8	312.2
96	309.1	323.2	319.5	321.0	321.7	326.9	327.9	330.7
120	332.5	337.3	335.1	339.1	339.1	339.1	346.1	344.7
144	347.7	350.1	351.4	354.5	354.5	351.6	350.2	350.3
168	349.0	346.2	342.8	341.8	344.8	336.5	341.7	322.6
192	316.6	310.9	296.9	308.2	308.2	298.5	287.4	272.9
216	253.3	253.5	251.3	253.3	250.1	241.7	245.0	250.4
240	251.2	257.7	259.3	258.6	253.2	248.3	245.6	232.2
264	204.2	196.7	190.8	182.3	179.9	178.1	173.3	171.1
288	171.1	171.1	295.0	295.4	286.1	284.5	291.9	293.2
312	292.5	286.7	278.5	260.6	258.4	254.2	242.2	239.4
336	238.5	237.5	237.5	242.2	233.7	233.0	237.3	237.3

DEPTH	2899.1		TILT	-42		VOS	5958.60	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	246.0	275.0	248.7	271.0	249.8	283.3	281.1	284.3
24	283.9	285.3	295.6	294.5	294.5	296.6	297.2	291.2
48	290.6	291.8	291.9	293.2	298.2	289.9	291.5	292.8
72	292.8	295.4	295.4	296.3	295.4	297.2	298.1	299.0
96	297.2	303.4	308.3	312.2	312.6	313.9	314.4	314.2
120	315.6	325.4	326.6	332.1	334.6	333.4	335.5	342.2
144	334.2	338.0	337.7	339.7	341.0	338.0	337.2	340.4
168	340.4	340.0	340.8	336.9	336.0	320.6	311.1	307.8
192	299.0	296.8	296.8	286.8	286.3	291.9	284.8	258.4
216	252.2	249.6	249.1	246.1	238.5	236.8	243.0	243.4
240	246.8	248.7	248.2	250.9	244.3	245.1	248.8	227.7
264	198.2	195.4	184.9	182.1	173.2	173.3	177.3	170.2
288	166.2	166.7	165.4	283.0	280.4	280.9	280.8	283.1
312	294.1	290.6	287.7	282.9	268.8	271.8	265.4	256.2
336	257.9	257.9	251.0	251.6	244.3	244.3	244.7	244.7

DEPTH	2899.1		TILT	-45		VOS	5958.60	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	275.1	277.6	277.3	277.8	285.2	290.9	289.3	292.3
24	292.8	292.8	287.0	286.6	286.6	281.7	281.3	281.1
48	280.9	278.2	276.0	277.8	280.8	280.4	282.2	282.4
72	271.0	265.4	261.0	260.5	260.2	272.6	292.8	280.4
96	292.8	281.0	283.1	284.9	293.7	295.4	292.3	293.4
120	317.1	314.3	316.5	326.7	325.9	323.1	326.3	321.9
144	322.8	322.8	332.0	330.1	328.5	323.1	323.1	324.2
168	331.7	328.9	320.4	327.2	318.8	317.0	313.0	298.5
192	295.6	294.5	283.6	288.0	260.2	261.1	255.8	253.5
216	253.7	252.2	245.6	239.4	240.3	243.4	241.9	239.1
240	239.1	239.8	241.3	239.8	238.9	236.2	238.3	242.8
264	211.2	196.2	187.8	179.3	167.9	178.0	177.4	167.1
288	168.7	166.0	165.1	206.2	204.8	275.4	275.6	275.6
312	282.6	282.4	283.1	281.3	280.0	276.1	279.5	269.7
336	262.8	264.1	259.6	268.0	253.3	271.3	275.1	274.3



CUSTOMER : Westlake US 2, LLC
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WALL RANGES VS DEPTH

DEPTH	2899.1		TILT	-48		VOS	5958.60	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	286.7	287.9	287.5	288.7	289.4	282.4	282.8	282.0
24	280.4	285.9	275.3	273.3	273.3	267.0	270.7	271.0
48	272.7	264.8	253.0	260.6	259.6	247.9	254.1	254.7
72	256.1	251.0	254.4	251.7	243.6	249.3	257.9	264.3
96	250.7	262.0	261.9	262.3	271.3	274.4	282.9	287.5
120	293.8	302.3	302.3	304.6	303.7	311.1	313.0	317.8
144	312.2	311.9	320.9	308.3	309.1	309.9	309.9	309.9
168	311.1	312.3	303.9	304.7	307.9	302.6	293.0	286.6
192	288.0	287.7	271.7	264.0	255.6	255.2	252.7	254.8
216	251.4	249.5	241.5	238.7	240.7	240.7	233.8	233.4
240	232.7	230.7	231.2	232.5	231.7	229.2	228.9	238.4
264	220.1	197.8	189.6	174.3	169.8	168.5	168.4	169.5
288	166.4	164.0	163.6	161.6	161.4	158.1	160.1	201.0
312	268.4	275.7	282.0	282.4	279.6	280.9	287.9	291.9
336	291.6	291.3	292.7	287.0	270.8	277.6	287.4	286.3

DEPTH	2899.1		TILT	-51		VOS	5958.60	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	280.4	283.9	283.9	284.3	280.0	276.1	279.2	272.1
24	274.1	269.4	269.8	265.8	263.5	262.3	261.1	252.9
48	252.9	253.1	245.3	246.6	246.2	237.4	237.2	233.0
72	235.8	238.3	234.0	232.8	233.2	234.5	244.4	252.9
96	244.2	246.2	259.9	259.9	263.7	268.2	273.2	280.0
120	286.3	289.9	290.2	294.6	294.9	296.1	302.3	304.4
144	300.1	300.9	301.8	303.4	302.6	307.7	307.9	304.0
168	296.7	291.5	290.2	290.6	291.5	286.6	284.0	272.8
192	277.5	277.3	263.7	262.9	252.9	252.9	245.1	245.8
216	244.9	241.9	241.1	241.5	242.3	232.4	232.4	233.6
240	228.6	224.5	224.0	225.1	224.9	226.9	228.9	234.3
264	235.6	197.4	180.9	173.0	170.9	176.5	170.3	166.0
288	162.4	164.0	161.2	160.8	160.8	158.9	159.7	157.7
312	196.2	268.2	263.1	276.4	276.9	278.4	280.0	287.9
336	288.2	287.1	287.1	287.1	279.9	289.1	286.8	280.0

DEPTH	2899.1		TILT	-54		VOS	5958.60	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	280.8	280.8	278.8	278.4	272.9	273.0	264.3	264.3
24	261.1	260.7	260.6	261.5	245.1	239.5	239.5	215.9
48	247.8	242.6	214.3	220.5	220.2	220.6	215.5	214.9
72	223.3	228.6	236.7	233.8	230.5	230.5	235.6	236.7
96	238.3	244.2	245.1	258.6	258.3	261.7	263.1	271.0
120	274.5	273.9	281.6	285.5	287.1	283.8	286.8	287.5
144	287.6	289.8	289.6	288.2	288.3	281.6	292.6	285.5
168	275.2	279.3	275.3	275.1	273.7	271.0	274.1	260.5
192	265.1	261.5	252.7	255.6	255.2	240.7	241.5	242.6
216	243.4	242.3	241.9	239.1	232.8	229.5	229.9	232.1
240	225.9	223.2	223.0	220.4	221.8	223.1	225.3	230.3
264	235.2	201.7	174.3	175.0	181.6	172.1	173.2	164.2
288	162.0	162.0	162.0	163.4	160.1	160.1	162.0	159.3
312	154.2	153.8	153.8	153.0	263.1	263.3	278.8	279.2
336	282.8	281.4	282.0	280.4	280.0	280.0	278.8	280.0



CUSTOMER : Westlake US 2, LLC
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CAVERN : PPG No. 007B
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WALL RANGES VS DEPTH

DEPTH	2899.1		TILT	-57		VOS	5958.60	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	274.9	196.0	270.2	262.0	263.1	190.5	259.6	216.6
24	252.4	250.9	239.1	200.8	236.4	195.6	195.4	188.7
48	193.8	200.8	190.5	189.1	186.4	185.8	187.5	194.8
72	222.0	233.2	237.5	234.8	235.6	236.4	239.5	241.4
96	242.7	243.4	250.1	257.2	262.3	260.6	258.6	256.3
120	264.7	261.6	268.6	272.1	278.0	277.6	276.9	269.3
144	269.4	265.1	264.7	264.3	265.7	265.7	277.3	275.8
168	273.3	271.0	268.2	260.3	258.5	256.4	256.5	249.7
192	246.8	239.9	239.4	237.5	234.0	238.3	238.3	237.8
216	237.6	236.4	230.4	233.6	227.1	229.6	228.9	225.7
240	219.1	220.2	218.7	217.9	216.3	219.4	219.4	224.5
264	229.8	200.4	189.9	192.7	193.6	174.3	167.4	163.6
288	163.5	163.0	162.0	164.0	163.6	164.4	160.1	160.1
312	152.6	153.4	153.1	151.4	149.4	149.4	161.9	194.1
336	194.9	194.6	194.4	194.0	193.9	197.8	274.1	274.9

DEPTH	2899.1		TILT	-60		VOS	5958.60	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	151.0	151.0	151.0	147.9	147.5	146.7	161.6	184.1
24	164.0	164.0	163.2	163.2	166.0	165.6	165.3	167.9
48	163.7	171.5	171.9	165.6	166.0	169.8	175.1	184.0
72	222.7	230.6	230.1	235.2	236.0	235.2	236.8	237.5
96	241.5	240.7	248.2	246.2	248.9	249.3	244.3	243.4
120	243.4	248.5	249.9	261.1	267.4	267.0	266.6	267.0
144	263.1	261.6	261.1	262.2	263.5	264.2	265.1	265.7
168	265.5	261.1	261.5	254.4	251.2	248.1	247.7	240.8
192	241.5	238.3	236.4	234.7	229.3	236.3	234.7	231.6
216	228.5	227.9	224.9	223.8	223.4	223.4	221.0	217.1
240	214.3	215.1	216.2	215.9	215.7	213.6	215.7	220.6
264	225.3	197.4	198.6	192.7	192.7	178.7	171.1	168.2
288	159.8	160.0	162.7	166.6	167.9	161.4	161.9	156.6
312	157.0	157.0	152.4	150.6	150.3	149.4	149.4	148.3
336	148.3	148.3	147.9	147.9	147.9	153.4	153.0	154.0

DEPTH	2899.1		TILT	-63		VOS	5958.60	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	160.1	153.5	154.5	150.1	151.4	146.7	152.2	160.1
24	155.1	158.6	161.2	161.1	159.7	158.5	158.7	156.6
48	171.2	162.5	164.7	163.2	166.0	163.9	179.9	180.2
72	220.7	223.8	223.9	230.6	230.8	234.0	234.0	232.8
96	235.6	235.6	235.6	238.3	242.2	239.5	239.5	239.5
120	239.5	238.7	241.1	251.4	256.7	258.5	255.6	255.6
144	252.9	252.5	253.7	252.6	250.1	248.9	250.5	250.1
168	245.8	243.7	240.7	240.7	240.3	234.9	234.8	232.7
192	235.6	230.8	226.9	224.3	229.0	222.6	223.8	223.8
216	217.4	213.2	211.8	204.5	203.3	202.9	203.3	207.3
240	209.2	210.9	207.6	210.4	210.0	210.8	210.8	214.5
264	221.0	197.4	196.6	193.5	179.8	180.1	176.5	167.7
288	167.2	171.8	175.7	174.6	168.3	168.0	160.7	152.3
312	163.4	161.0	151.0	151.0	151.0	150.6	148.7	148.3
336	151.9	153.0	150.4	151.8	148.3	148.3	155.7	157.9



CUSTOMER : Westlake US 2, LLC

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**WALL RANGES VS DEPTH**

DEPTH	2909.1		TILT	0		VOS	5958.60	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	131.4	134.8	134.5	132.1	133.1	135.9	132.8	132.8
24	135.2	138.6	140.0	144.2	150.4	156.3	156.3	155.6
48	154.5	154.2	155.6	164.2	165.9	172.5	170.8	171.1
72	172.9	174.9	175.3	177.3	179.1	184.3	185.3	182.2
96	180.8	189.8	192.6	193.6	193.6	192.6	193.6	194.6
120	193.2	198.1	203.3	204.0	206.7	209.5	212.3	210.9
144	214.3	224.3	224.7	223.7	230.6	226.4	224.0	223.7
168	224.3	221.0	224.7	226.1	228.5	227.1	221.6	219.9
192	218.8	221.6	220.2	212.9	213.6	214.7	211.0	210.5
216	213.6	216.7	220.9	225.7	230.6	232.6	234.7	220.2
240	228.8	228.8	231.6	229.2	227.1	218.8	214.7	210.2
264	203.3	186.9	171.1	171.5	158.3	154.2	152.5	144.2
288	142.4	142.1	138.6	141.1	142.4	137.9	145.6	143.3
312	146.9	141.1	146.9	135.6	137.6	137.6	132.8	133.1
336	133.1	135.5	142.8	140.7	136.5	137.6	137.6	132.1

DEPTH	2919.1		TILT	85		VOS	5961.30	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	406.3	405.8	405.8	406.0	406.1	406.0	406.0	406.3
24	405.8	406.0	406.0	406.0	405.8	406.8	406.9	406.8
48	405.8	405.6	406.2	406.3	405.8	406.3	406.1	406.1
72	406.0	406.1	406.3	406.8	406.1	406.2	406.4	406.4
96	406.4	406.4	406.4	406.4	406.4	406.4	406.4	406.4
120	407.0	405.9	405.9	405.9	405.9	405.9	405.9	405.9
144	405.9	405.9	405.9	405.9	405.9	405.9	405.9	406.8
168	405.9	406.8	406.8	406.8	407.0	406.8	405.9	405.4
192	405.9	405.9	405.9	405.9	405.9	405.9	405.9	406.4
216	406.0	405.7	406.1	406.5	406.1	405.4	406.7	406.1
240	406.3	406.1	406.1	406.8	405.2	405.8	405.9	405.9
264	405.4	405.4	405.4	406.1	406.6	406.3	406.1	406.4
288	405.7	405.9	405.4	405.4	405.4	405.9	405.9	405.9
312	405.4	405.4	405.4	405.4	405.4	405.4	405.4	405.9
336	405.4	405.4	405.4	405.4	405.4	406.4	405.4	406.3

DEPTH	2919.1		TILT	80		VOS	5961.30	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	410.3	412.9	411.0	412.2	411.9	411.9	411.7	410.8
24	412.5	410.3	410.3	410.3	410.3	410.3	411.4	411.9
48	411.0	411.0	411.1	410.6	410.3	411.4	411.4	411.4
72	410.3	410.3	410.3	410.3	411.4	411.4	409.7	411.4
96	411.2	410.9	411.3	411.0	411.3	410.9	411.2	410.8
120	410.2	411.5	410.9	410.5	409.7	411.6	411.9	411.4
144	411.4	411.2	411.7	410.9	410.8	410.0	410.3	411.8
168	411.4	410.3	410.3	411.4	409.7	411.4	410.3	411.6
192	411.6	410.9	410.6	410.8	410.3	410.3	410.3	410.3
216	410.3	410.3	410.3	411.2	410.8	411.1	411.0	410.8
240	410.2	410.3	411.6	411.5	410.1	411.3	410.7	410.7
264	410.6	411.8	411.6	411.4	410.3	411.0	410.8	411.0
288	412.2	410.9	410.8	411.0	411.2	410.5	410.8	410.8
312	410.8	411.8	412.0	410.3	410.3	410.3	411.1	410.8
336	410.8	411.3	410.9	409.7	410.8	410.8	411.4	411.4



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WALL RANGES VS DEPTH

DEPTH	2919.1		TILT	75		VOS	5961.30	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	419.1	419.2	419.3	420.4	420.2	418.5	418.5	419.1
24	420.2	418.0	420.7	419.6	419.6	420.2	419.6	419.6
48	419.1	420.2	421.3	420.2	420.2	418.5	420.7	421.8
72	419.6	418.5	419.1	420.2	417.4	418.0	418.0	418.5
96	419.6	420.2	420.2	420.7	420.2	420.2	418.5	420.2
120	418.5	420.7	418.0	420.2	419.9	418.9	420.2	419.1
144	419.1	419.6	420.7	420.7	421.1	419.5	418.5	419.6
168	416.9	418.5	420.2	420.2	418.0	418.0	417.8	419.6
192	419.6	417.4	417.4	419.3	418.5	420.2	418.0	419.3
216	418.8	419.6	419.1	419.6	417.6	420.8	416.9	418.0
240	418.5	417.4	418.0	419.1	418.0	419.7	419.1	417.4
264	417.4	419.1	416.9	420.5	420.0	420.2	420.3	420.3
288	419.3	422.0	420.5	420.2	420.7	420.1	419.6	420.1
312	419.6	419.4	155.0	152.2	152.1	152.0	153.3	420.1
336	420.7	419.0	421.8	419.7	418.9	420.2	421.3	421.3

DEPTH	2919.1		TILT	70		VOS	5961.30	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	162.0	431.4	185.0	430.6	430.6	431.3	431.4	430.1
24	430.9	430.3	430.9	430.9	430.3	429.5	431.4	165.1
48	166.0	432.5	175.4	173.8	174.4	176.6	429.8	429.7
72	436.5	436.1	435.8	435.2	434.8	430.2	430.6	430.5
96	431.4	430.7	433.4	430.6	431.0	429.5	430.4	431.2
120	430.6	433.3	430.9	430.2	429.2	430.6	432.2	433.6
144	431.7	431.7	431.7	430.6	431.6	431.1	431.1	431.7
168	431.1	432.8	432.9	431.5	430.6	427.8	427.8	430.6
192	430.6	430.0	428.9	428.9	432.8	432.3	430.1	429.7
216	430.0	430.0	431.7	431.5	430.9	430.6	430.6	431.7
240	431.7	434.0	430.6	430.6	430.8	430.0	431.5	432.0
264	433.4	430.5	430.6	431.2	433.5	430.3	146.5	144.3
288	143.7	143.2	146.8	147.1	147.3	147.7	148.7	150.8
312	151.0	146.4	145.1	147.1	146.8	146.1	148.9	150.5
336	150.4	154.5	156.2	157.8	159.4	163.7	167.2	431.3

DEPTH	2919.1		TILT	65		VOS	5961.30	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	139.2	132.6	133.3	134.7	135.9	134.9	130.1	127.7
24	127.0	127.6	127.5	129.8	129.2	125.2	124.2	124.2
48	125.9	127.0	130.3	132.6	137.3	140.9	145.5	149.1
72	148.3	149.2	149.2	160.8	163.3	171.1	174.4	153.3
96	172.8	170.1	169.5	167.9	167.9	159.0	160.1	157.3
120	158.4	156.1	151.7	151.4	149.8	152.0	153.9	157.7
144	165.0	441.5	446.0	445.9	446.0	444.6	446.6	446.6
168	447.3	445.3	447.0	447.2	445.9	445.9	444.3	449.2
192	444.3	444.4	446.8	444.8	448.1	448.7	445.4	444.8
216	442.6	440.4	432.6	433.3	430.6	430.6	432.8	422.5
240	416.7	418.0	185.0	173.8	168.4	167.5	162.0	154.8
264	153.4	150.9	150.3	145.1	143.9	138.8	133.0	131.0
288	129.0	129.5	143.8	144.2	131.9	132.7	131.9	131.9
312	129.5	127.0	127.0	129.1	131.2	132.5	129.5	129.9
336	127.3	127.8	127.8	134.0	134.0	136.1	131.6	139.9



CUSTOMER : Westlake US 2, LLC
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WALL RANGES VS DEPTH

DEPTH	2919.1		TILT	60		VOS	5961.30	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	115.7	115.7	115.8	116.8	117.7	117.9	113.7	112.1
24	111.0	112.2	114.0	111.8	110.2	109.5	106.3	105.5
48	105.5	105.5	105.5	113.9	115.2	117.9	120.2	124.8
72	124.7	124.1	123.5	124.1	125.5	129.4	127.1	127.1
96	125.9	126.4	127.9	130.4	136.0	136.6	136.8	137.4
120	137.1	136.8	135.0	131.5	130.3	131.0	131.5	133.0
144	135.4	137.4	139.7	142.6	145.6	145.2	146.0	146.4
168	152.9	153.2	155.0	156.5	155.5	155.5	155.5	157.4
192	157.0	160.0	156.3	156.6	160.0	161.8	160.5	157.7
216	157.4	160.3	165.1	165.6	168.8	167.7	170.0	169.0
240	164.5	163.6	163.6	157.2	152.1	148.6	142.3	140.1
264	137.8	131.5	131.2	128.1	123.8	119.5	120.3	118.1
288	116.8	116.5	107.8	110.3	109.1	105.5	106.6	109.2
312	107.2	104.3	104.3	106.3	108.7	109.8	109.8	109.3
336	110.5	110.4	111.1	111.0	111.6	111.8	111.6	112.7

DEPTH	2919.1		TILT	55		VOS	5961.30	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	114.1	109.8	107.9	110.0	109.4	109.0	109.0	112.9
24	110.6	109.8	112.7	112.8	112.4	112.2	110.9	110.1
48	110.0	110.0	109.7	109.1	107.9	107.5	107.5	107.9
72	107.5	107.9	107.5	107.5	109.9	111.6	110.9	109.7
96	109.7	109.5	109.9	106.7	111.1	116.8	119.5	120.2
120	120.2	118.4	116.5	116.0	115.6	115.5	116.9	117.9
144	121.6	122.3	125.1	129.5	133.7	140.4	144.8	146.8
168	147.6	149.0	148.0	148.0	148.0	148.4	149.2	148.8
192	146.6	147.0	149.6	151.2	151.4	150.7	150.0	148.8
216	146.4	147.6	150.3	150.4	154.0	153.5	152.7	151.9
240	151.9	147.6	141.1	137.0	135.8	135.9	132.0	129.3
264	124.4	119.9	118.5	116.5	112.2	107.5	106.3	105.9
288	103.5	103.8	102.0	105.7	103.9	103.5	103.5	105.7
312	104.7	104.7	105.9	105.9	105.5	105.9	105.5	106.3
336	106.3	106.7	106.7	106.7	106.3	107.5	107.1	107.5

DEPTH	2919.1		TILT	50		VOS	5961.30	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	118.1	116.1	116.9	117.6	117.6	116.5	118.9	116.1
24	116.1	115.3	115.3	114.5	114.5	113.0	113.0	112.2
48	111.8	111.8	111.6	110.2	109.8	109.4	108.6	109.0
72	110.7	110.9	111.1	108.8	109.4	109.4	109.8	111.0
96	111.6	109.4	114.3	109.8	111.0	111.0	111.1	111.1
120	109.8	108.3	108.3	107.5	108.6	107.9	108.6	108.3
144	107.1	110.6	107.5	114.2	121.6	122.2	127.7	130.9
168	132.8	132.8	134.6	134.2	134.2	132.8	132.4	133.3
192	134.2	136.1	130.5	138.6	136.9	135.4	134.2	133.8
216	136.2	137.0	137.5	142.1	140.4	139.9	138.4	137.4
240	136.1	131.3	128.6	128.3	125.4	124.6	120.8	119.7
264	116.5	109.4	108.3	107.1	105.9	105.1	110.5	111.3
288	105.5	110.7	109.5	111.4	110.9	112.6	111.8	111.9
312	111.0	113.4	113.4	111.8	112.2	112.2	114.2	113.4
336	115.3	116.5	115.3	114.9	115.3	116.1	116.5	116.9



CUSTOMER : Westlake US 2, LLC
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WALL RANGES VS DEPTH

DEPTH	2919.1		TILT	46		VOS	5961.30	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	123.2	124.4	124.0	122.8	122.0	121.2	121.2	120.5
24	119.7	117.3	116.1	114.5	114.5	114.9	114.9	113.8
48	113.0	112.6	113.1	111.8	111.0	111.0	110.6	111.8
72	111.4	112.2	113.0	112.2	112.6	112.7	112.8	114.0
96	114.6	114.0	118.8	116.9	118.9	118.4	118.3	118.3
120	116.5	117.3	117.3	116.1	113.8	115.3	113.4	113.4
144	113.4	113.4	112.2	111.8	111.8	115.8	118.6	119.4
168	122.9	123.6	125.0	125.0	125.0	122.9	123.1	123.7
192	124.9	121.8	122.0	122.9	127.2	125.5	125.0	122.4
216	125.8	128.4	129.5	129.8	132.2	131.9	129.5	126.4
240	123.2	122.0	120.9	120.0	119.2	118.2	118.0	113.0
264	112.6	116.1	115.6	115.6	114.6	115.7	116.5	118.5
288	114.2	117.3	116.5	118.9	117.3	121.2	119.7	120.1
312	120.1	120.1	123.2	123.6	124.0	123.2	122.4	123.2
336	122.8	122.4	123.6	124.8	124.4	124.0	123.2	124.8

DEPTH	2919.1		TILT	41		VOS	5961.30	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	130.8	128.7	127.1	126.0	125.2	125.5	122.8	122.8
24	121.6	120.1	121.9	117.7	117.7	121.3	117.3	116.5
48	116.5	121.1	120.6	121.2	120.8	121.4	120.9	121.9
72	116.5	122.9	121.4	116.9	117.7	117.7	117.7	117.7
96	119.3	120.0	120.5	123.2	122.8	125.1	126.4	129.7
120	127.5	127.9	127.9	124.8	124.0	124.8	125.2	125.6
144	123.6	121.6	121.2	122.8	120.5	120.1	117.3	122.1
168	122.0	118.1	117.7	117.7	117.7	115.7	115.3	115.7
192	115.7	115.3	115.3	117.9	118.9	116.1	116.9	118.6
216	117.3	117.7	118.5	118.9	120.1	124.7	122.1	122.2
240	122.6	123.2	122.8	123.4	124.1	123.7	127.4	122.7
264	124.8	126.0	126.7	128.7	128.1	127.1	128.3	128.7
288	127.9	129.9	129.9	130.7	131.1	131.1	131.5	135.4
312	136.2	134.2	131.5	134.2	131.5	131.1	131.1	129.1
336	129.5	127.9	127.9	129.1	128.7	128.3	128.3	131.1

DEPTH	2919.1		TILT	36		VOS	5961.30	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	145.2	137.8	138.9	138.3	137.4	137.4	137.8	138.2
24	138.8	137.7	135.2	133.0	135.4	132.6	132.6	130.3
48	131.5	133.2	132.0	132.9	133.2	134.6	134.0	134.6
72	136.6	136.6	134.3	135.1	136.8	136.6	140.5	128.5
96	129.4	128.9	128.4	128.1	129.5	132.7	131.8	136.4
120	136.4	137.2	138.9	139.7	139.7	141.3	142.2	142.2
144	139.9	138.9	138.0	138.2	138.2	138.5	137.1	136.3
168	136.0	134.6	133.2	132.0	131.5	130.9	131.6	130.3
192	130.1	130.1	131.2	130.0	129.8	129.8	132.9	130.1
216	132.6	132.6	131.6	131.3	132.9	136.6	136.6	138.2
240	139.0	141.1	139.1	141.7	143.3	141.6	139.4	141.3
264	140.5	143.3	143.3	145.3	147.0	143.6	145.3	147.0
288	147.0	149.5	150.1	150.1	150.4	149.0	147.0	146.8
312	144.1	143.7	144.5	145.6	144.5	144.5	145.3	146.0
336	145.0	146.1	146.4	146.4	142.8	139.7	144.4	145.0



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**WALL RANGES VS DEPTH**

DEPTH	2919.1		TILT	30		VOS	5961.30	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	171.6	171.6	171.2	170.8	170.4	170.0	168.1	168.5
24	168.5	168.5	165.9	158.9	158.3	153.9	161.4	158.8
48	155.9	157.0	155.7	157.1	156.9	156.6	155.7	155.7
72	161.3	161.3	160.3	160.7	159.1	162.7	160.5	162.1
96	159.7	158.3	156.3	156.9	160.6	159.5	161.6	163.4
120	163.8	162.9	164.2	162.6	153.8	152.2	152.6	155.1
144	159.9	160.5	164.7	165.7	150.4	149.6	150.4	162.8
168	162.5	164.2	161.7	161.6	153.9	158.9	155.5	160.5
192	156.4	156.4	158.1	158.0	158.0	156.9	161.9	158.0
216	164.0	163.9	165.3	165.0	165.1	161.4	163.4	163.3
240	167.6	171.4	172.9	172.7	170.7	173.9	172.8	173.3
264	173.6	173.2	171.2	171.6	169.3	167.6	168.7	168.7
288	170.4	171.5	172.1	173.2	177.5	179.1	178.3	171.8
312	179.5	170.9	172.0	173.6	171.9	171.9	172.4	170.4
336	170.4	170.0	170.8	173.2	167.0	171.6	171.2	170.8

DEPTH	2919.1		TILT	25		VOS	5961.30	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	167.6	168.3	167.0	166.7	165.6	164.1	164.8	164.1
24	163.8	162.9	163.6	163.6	163.1	162.1	163.2	164.8
48	167.5	166.9	169.3	171.9	174.0	173.6	174.4	176.7
72	179.1	181.0	182.2	184.2	186.9	190.1	193.6	194.0
96	193.8	186.5	195.6	195.6	199.5	195.1	196.5	196.4
120	196.6	191.9	198.4	199.2	200.1	194.2	196.4	198.5
144	198.9	191.0	198.3	199.6	197.7	198.8	198.8	195.9
168	195.4	202.7	198.3	200.2	196.9	195.4	193.5	194.9
192	196.6	194.9	194.8	197.2	196.4	201.5	193.9	198.4
216	198.4	198.5	194.9	207.3	210.6	205.0	203.3	203.9
240	201.2	206.5	203.7	203.6	202.4	198.6	198.9	204.4
264	201.5	200.4	199.0	197.6	195.6	195.6	186.5	183.4
288	179.9	177.9	175.9	176.3	174.5	174.7	174.4	175.2
312	175.7	175.7	178.1	177.5	172.2	172.0	167.3	166.3
336	165.3	168.6	169.3	173.2	172.8	166.9	166.9	167.6

DEPTH	2919.1		TILT	24		VOS	5961.30	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	166.1	166.9	165.6	165.3	164.3	163.3	162.3	163.2
24	161.8	161.7	163.2	163.7	162.0	161.0	163.1	164.1
48	166.5	166.5	169.0	171.8	174.1	173.6	176.0	177.8
72	180.2	182.5	183.3	185.8	188.2	190.1	193.5	195.8
96	195.6	189.7	204.3	198.6	201.9	202.6	201.2	204.3
120	206.6	199.2	204.9	208.1	210.8	202.9	202.6	211.9
144	210.5	204.5	207.7	207.1	207.4	209.1	204.8	206.8
168	206.9	213.8	205.3	209.5	206.6	204.4	207.9	210.1
192	204.3	211.9	208.3	210.3	207.9	209.7	207.4	207.4
216	207.4	208.3	212.7	215.7	217.8	211.2	208.2	209.4
240	208.3	218.8	213.3	211.1	209.7	205.0	206.6	212.9
264	210.5	207.8	207.0	201.1	196.4	194.0	184.1	183.0
288	179.1	177.9	175.5	176.0	173.6	173.6	174.8	176.2
312	174.7	173.6	176.3	177.5	170.9	169.6	164.5	164.5
336	163.3	167.1	167.6	171.8	171.4	165.7	165.3	166.1



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WALL RANGES VS DEPTH

DEPTH	2919.1		TILT	21		VOS	5961.30	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	162.9	161.8	162.6	162.3	161.4	159.4	160.2	159.4
24	159.0	158.2	159.4	159.0	159.0	160.1	161.0	162.3
48	163.9	165.2	171.5	169.5	173.3	172.4	174.2	175.3
72	179.4	180.9	184.6	187.7	189.4	192.3	193.0	198.3
96	201.2	199.9	207.0	207.8	210.9	217.4	216.8	221.2
120	224.7	227.5	226.9	233.4	237.3	246.0	238.0	238.5
144	246.7	239.7	239.7	247.1	233.0	232.0	251.9	248.7
168	256.2	255.8	255.8	256.2	239.3	241.8	244.6	244.0
192	255.8	255.0	254.8	236.3	258.2	255.0	253.0	250.3
216	246.7	243.6	240.8	236.3	235.1	237.7	233.6	229.4
240	233.0	231.4	226.7	226.7	220.4	218.4	217.2	213.7
264	211.7	210.9	209.6	200.6	194.4	188.9	178.4	177.5
288	174.5	174.7	174.5	172.5	171.5	170.7	170.3	174.7
312	173.8	175.0	174.7	174.4	168.1	166.9	162.5	161.9
336	160.7	161.9	164.9	167.8	166.0	161.9	161.8	160.6

DEPTH	2919.1		TILT	18		VOS	5961.30	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	158.6	158.2	158.2	157.8	157.0	155.9	155.1	156.6
24	155.1	152.7	154.3	158.1	158.7	157.8	159.6	160.3
48	162.0	161.8	166.7	165.5	171.6	169.8	170.0	170.4
72	174.0	176.3	182.7	186.2	187.5	190.3	193.6	197.2
96	197.8	203.2	206.1	210.8	213.0	214.5	218.5	222.6
120	228.1	228.7	234.8	237.0	249.6	249.6	248.3	246.0
144	248.3	242.4	243.6	253.3	254.8	252.4	250.4	253.8
168	253.4	253.8	254.6	258.5	258.9	259.3	259.3	257.8
192	255.8	255.4	255.4	260.9	258.5	255.8	252.6	250.3
216	247.5	243.6	241.5	240.5	239.9	239.1	235.9	234.2
240	232.1	231.1	227.7	227.3	220.0	220.4	218.8	213.5
264	207.7	205.4	194.4	188.6	184.3	176.3	174.7	174.4
288	170.0	170.0	167.9	167.2	168.5	168.5	166.9	169.8
312	170.3	171.8	170.7	170.4	165.9	158.8	157.8	157.9
336	157.0	156.6	160.9	161.8	163.5	157.8	157.3	157.8

DEPTH	2919.1		TILT	15		VOS	5961.30	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	149.2	149.2	150.1	150.7	147.8	148.4	147.2	146.4
24	146.8	148.0	151.2	155.6	156.0	159.0	158.6	158.6
48	159.4	161.0	163.4	168.8	170.0	171.7	172.9	174.4
72	174.0	178.3	182.6	185.0	188.9	188.8	190.1	193.6
96	196.3	199.9	204.6	205.8	205.9	205.8	209.0	214.1
120	222.8	223.9	229.2	233.3	242.4	245.5	239.1	244.1
144	238.6	238.0	243.3	251.7	254.6	249.1	245.7	249.5
168	251.4	253.2	255.6	257.4	257.2	255.4	255.8	253.5
192	255.4	253.4	257.4	257.0	254.1	254.2	244.4	241.6
216	238.5	229.8	230.0	227.0	237.2	236.4	232.9	231.1
240	229.9	228.7	229.0	228.3	223.9	221.2	217.6	211.1
264	204.4	189.3	186.5	186.2	178.7	173.6	172.8	164.5
288	161.1	161.4	160.2	158.6	157.0	155.1	159.6	158.5
312	162.7	159.0	161.0	161.0	150.7	150.3	150.0	151.3
336	151.9	152.3	155.2	155.0	151.7	149.6	147.2	146.8



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WALL RANGES VS DEPTH

DEPTH	2919.1		TILT	10		VOS	5961.30	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	137.8	137.0	136.6	139.7	136.2	137.4	140.5	139.7
24	140.7	138.2	142.1	149.1	153.7	158.8	158.7	157.8
48	157.7	157.6	157.4	168.0	170.8	170.6	173.8	176.3
72	178.7	179.7	181.1	182.9	185.8	190.4	188.5	188.1
96	188.4	195.8	200.0	199.9	198.0	196.4	195.6	198.9
120	202.0	198.3	210.9	217.3	216.8	223.4	217.1	222.7
144	225.3	230.8	229.4	235.3	244.1	241.2	239.3	239.1
168	239.7	244.6	244.6	240.1	245.5	245.2	244.9	238.1
192	241.5	237.3	229.7	232.6	232.2	236.5	233.4	223.2
216	221.0	220.6	222.4	224.4	228.5	229.2	234.2	229.8
240	229.2	227.5	229.5	229.1	228.2	221.6	217.6	211.5
264	203.0	186.1	172.3	166.3	163.6	159.0	154.3	149.6
288	151.1	146.4	152.0	151.5	147.6	146.8	150.9	149.8
312	153.2	150.0	151.6	143.1	138.3	142.9	140.8	136.2
336	145.9	144.2	145.2	146.0	142.8	141.6	141.1	139.7

DEPTH	2919.1		TILT	0		VOS	5958.60	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	131.7	131.7	130.0	131.4	130.3	131.0	133.8	132.1
24	133.5	137.3	137.9	142.8	149.7	154.2	155.9	155.6
48	154.9	161.5	161.8	164.2	165.3	171.8	171.5	170.1
72	170.4	172.9	173.5	175.3	178.7	182.9	185.0	183.2
96	180.5	189.1	188.8	192.9	192.2	192.2	191.5	194.3
120	190.5	197.7	196.4	202.2	201.9	202.3	210.2	210.2
144	214.0	216.7	223.0	220.9	224.7	220.9	224.0	221.2
168	222.6	220.2	223.7	225.4	222.3	218.5	221.6	219.5
192	217.1	219.5	218.2	210.9	218.1	210.5	209.1	209.8
216	213.6	216.4	221.2	228.5	231.3	233.0	234.7	221.2
240	222.3	222.3	228.8	228.2	226.1	218.2	213.6	210.5
264	203.5	189.3	174.2	172.1	161.2	153.8	151.1	142.8
288	145.2	141.8	138.3	135.5	142.1	135.5	137.9	141.8
312	142.1	136.0	130.3	134.8	136.6	136.6	131.7	130.7
336	131.4	138.2	133.5	134.8	130.0	132.8	131.0	131.7

DEPTH	2929.1		TILT	0		VOS	5958.60	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	131.0	130.7	129.3	131.0	130.3	130.0	127.2	129.3
24	131.4	133.3	138.3	142.4	150.0	152.8	155.2	155.2
48	153.8	161.5	162.5	164.2	164.2	172.2	172.9	170.4
72	169.4	171.1	172.9	173.9	176.0	181.1	184.6	183.7
96	179.1	188.4	188.4	192.9	190.5	190.8	191.2	194.3
120	190.5	191.9	190.8	191.9	194.3	197.0	192.6	204.0
144	203.3	199.5	205.3	220.5	217.8	214.0	209.8	208.5
168	216.1	218.5	220.9	219.2	222.6	221.6	220.9	215.0
192	217.1	215.0	214.3	212.3	211.6	209.8	209.5	207.8
216	214.0	218.1	221.9	227.8	233.9	235.8	234.0	225.7
240	220.9	221.2	222.6	226.8	226.4	221.9	214.3	211.6
264	205.8	191.9	180.1	172.5	163.2	153.5	152.1	152.3
288	144.5	142.1	137.6	137.9	135.2	135.2	130.7	134.1
312	135.9	130.3	130.0	130.7	131.4	133.1	130.3	126.9
336	130.0	135.9	132.4	134.1	129.7	130.3	133.8	131.4



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WALL RANGES VS DEPTH

DEPTH	2938.9		TILT	0		VOS	5958.60	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	121.4	122.1	124.8	125.9	126.5	124.8	123.1	129.0
24	129.0	129.7	135.5	140.7	150.4	153.2	154.9	153.8
48	154.2	161.5	161.5	165.6	163.2	171.1	171.1	172.5
72	170.4	170.8	171.1	174.2	177.0	182.9	183.6	184.3
96	179.8	185.3	185.3	191.9	190.5	189.8	189.1	192.9
120	188.8	187.7	183.2	182.5	178.0	181.1	186.7	183.2
144	186.7	193.6	190.8	202.6	203.6	212.3	207.8	208.1
168	212.6	210.5	210.2	209.8	209.8	210.5	205.3	206.0
192	204.0	205.0	200.5	203.3	201.9	204.3	205.3	211.6
216	214.7	221.6	225.7	230.2	236.4	237.1	233.3	225.4
240	225.7	219.9	220.9	217.8	215.9	218.1	215.0	213.6
264	203.3	196.7	183.7	176.0	173.0	161.3	160.8	160.1
288	154.5	148.0	145.9	141.4	140.0	134.1	132.1	126.3
312	126.5	124.1	124.1	120.3	119.3	119.6	119.6	125.2
336	123.8	124.8	128.6	129.0	120.7	123.1	123.4	126.9

DEPTH	2949.0		TILT	0		VOS	5959.70	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	119.3	116.9	112.1	120.0	117.6	115.5	118.3	124.5
24	128.6	129.7	138.0	141.4	150.4	152.8	153.9	153.5
48	153.7	160.8	160.8	163.9	166.3	170.1	171.9	168.7
72	169.1	169.4	171.2	172.9	176.3	180.5	184.3	183.3
96	180.8	183.9	184.7	191.2	189.5	189.5	184.6	187.8
120	188.8	184.3	177.3	179.5	177.7	180.5	181.5	175.7
144	188.6	180.5	179.0	182.5	195.0	200.9	193.6	184.3
168	202.6	203.7	200.2	199.5	198.1	194.7	191.9	198.1
192	190.2	195.4	195.4	197.1	197.1	202.6	207.1	212.6
216	217.1	221.3	225.1	231.6	238.6	238.9	235.5	228.5
240	226.8	219.6	218.5	216.4	212.6	210.2	209.9	212.9
264	200.9	197.8	190.8	182.6	175.1	168.4	164.2	166.0
288	163.4	158.3	153.5	151.6	146.6	140.7	136.2	136.2
312	131.4	129.5	128.2	125.5	125.5	125.5	126.6	125.2
336	126.6	125.9	126.9	125.2	124.1	123.5	123.1	120.0

DEPTH	2958.9		TILT	0		VOS	5959.70	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	120.7	117.9	117.5	117.9	117.0	115.2	116.0	117.9
24	127.3	128.2	138.0	143.5	151.5	151.8	153.5	152.8
48	153.1	160.8	160.4	164.2	164.9	168.0	169.0	168.4
72	167.3	168.4	169.4	172.5	176.0	179.5	184.3	183.6
96	182.6	183.9	183.6	183.6	182.9	182.6	181.5	184.3
120	179.8	173.9	173.9	167.7	176.3	180.1	179.8	173.2
144	164.9	169.8	171.2	172.2	186.7	186.7	179.1	179.8
168	188.8	190.5	191.6	189.1	198.1	186.4	198.1	190.5
192	191.9	189.8	195.4	197.4	199.2	203.6	210.6	213.7
216	218.5	223.0	226.5	233.0	236.9	239.6	234.2	237.4
240	229.4	222.3	218.2	217.8	212.6	212.6	212.3	212.0
264	202.3	199.5	199.5	189.8	184.3	173.9	171.2	171.2
288	169.1	168.7	162.2	156.3	155.3	150.1	144.2	143.9
312	138.7	136.9	135.2	132.3	131.3	131.1	130.0	130.4
336	130.7	129.3	128.0	126.9	123.8	123.8	123.5	122.4



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WALL RANGES VS DEPTH

DEPTH	2969.1		TILT	0		VOS	5959.70	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	126.6	128.0	122.1	119.5	121.7	121.4	121.2	123.8
24	125.5	127.1	132.6	143.9	149.7	152.1	153.5	152.8
48	152.5	160.8	164.2	163.6	163.6	166.7	167.4	169.4
72	167.0	167.4	168.7	171.9	174.1	176.3	182.6	183.3
96	182.9	183.6	185.7	182.2	181.5	181.5	179.5	179.5
120	179.5	171.2	169.8	168.4	170.1	175.3	173.4	167.4
144	163.2	165.3	167.4	171.2	177.7	181.9	177.0	175.3
168	186.0	188.1	188.4	188.4	191.3	187.1	186.9	191.2
192	194.3	190.9	195.0	195.0	199.8	205.4	211.3	216.1
216	218.5	224.0	227.8	233.0	238.3	242.0	235.6	238.8
240	232.1	223.0	218.2	218.2	216.1	214.8	214.4	210.6
264	206.1	206.4	200.9	196.4	185.7	177.0	173.9	173.7
288	176.0	176.0	169.4	165.4	163.2	156.6	155.6	151.2
312	149.4	146.3	141.4	141.1	137.2	135.1	134.6	133.2
336	132.1	131.8	131.8	131.8	131.8	126.6	128.9	126.2

DEPTH	2978.9		TILT	0		VOS	5959.70	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	134.2	133.5	133.5	131.1	127.6	128.3	129.3	127.3
24	127.6	130.4	132.2	140.5	143.4	152.1	152.8	152.5
48	153.9	159.4	164.6	162.5	160.1	163.9	165.9	167.0
72	166.3	166.0	169.8	171.5	173.9	176.0	181.2	182.9
96	183.3	184.6	183.6	181.2	180.5	176.7	176.7	177.4
120	178.1	170.1	168.4	168.0	168.4	173.6	171.4	168.0
144	164.2	161.8	161.8	171.5	178.1	179.1	179.5	175.1
168	186.1	179.8	182.9	183.3	191.6	185.7	191.2	188.8
192	192.6	192.9	194.0	196.7	201.9	208.8	211.3	217.5
216	219.6	224.0	229.9	235.5	241.0	243.1	238.2	241.3
240	232.0	220.9	219.6	218.9	218.1	215.4	215.4	211.3
264	206.8	200.2	200.9	198.8	186.4	182.6	181.9	178.4
288	180.5	180.1	176.0	173.3	169.7	166.8	164.5	158.7
312	155.9	153.1	150.1	148.7	145.6	143.4	143.9	142.8
336	140.8	140.1	137.7	136.8	135.2	134.9	135.2	135.2

DEPTH	2989.4		TILT	0		VOS	5959.70	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	144.2	142.5	142.2	140.4	140.7	136.6	142.8	138.2
24	140.0	142.5	141.4	144.9	147.3	151.8	152.8	152.1
48	152.1	153.9	164.9	163.3	162.6	162.9	166.0	168.0
72	165.3	165.3	166.7	170.5	172.9	176.0	180.1	182.6
96	182.9	184.6	182.9	181.2	179.5	177.7	176.7	174.5
120	175.3	176.4	174.3	173.2	174.6	169.4	168.4	169.6
144	165.3	159.4	163.6	167.0	175.7	177.4	177.7	174.1
168	186.7	182.2	183.3	183.6	187.8	182.9	183.3	188.1
192	185.7	189.1	191.6	194.7	204.3	209.2	211.3	218.2
216	222.3	227.2	231.6	237.6	240.3	243.4	238.6	244.1
240	232.7	224.8	219.2	219.9	218.5	217.8	216.8	217.1
264	212.3	204.7	205.0	171.9	169.7	188.1	187.4	183.3
288	184.3	185.7	183.3	183.6	177.7	175.7	171.5	168.7
312	168.4	164.2	161.5	156.3	157.3	155.9	151.1	152.8
336	152.5	152.5	149.7	146.3	149.4	145.6	145.6	145.9



CUSTOMER : Westlake US 2, LLC

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**WALL RANGES VS DEPTH**

DEPTH	2993.9		TILT	0		VOS	5959.70	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	146.9	147.3	146.5	145.6	145.8	144.5	144.5	147.7
24	144.5	146.0	144.2	147.3	147.3	151.8	152.8	152.7
48	153.2	154.1	164.6	163.0	162.7	162.9	167.7	168.4
72	165.6	165.7	166.7	169.4	171.0	176.1	180.8	181.5
96	183.9	185.0	184.2	181.2	179.7	178.1	177.4	173.2
120	173.9	175.4	174.3	174.9	174.1	168.0	168.0	168.1
144	164.8	158.7	163.6	169.8	175.3	176.8	178.4	172.5
168	182.6	180.1	184.2	184.3	184.6	183.3	183.3	183.9
192	185.1	187.8	193.3	197.1	204.7	208.5	214.4	218.5
216	221.6	228.9	232.7	238.6	238.9	244.1	240.3	240.3
240	233.0	225.1	219.6	218.2	218.5	218.3	217.1	217.1
264	213.0	208.9	176.1	170.7	167.1	151.4	149.4	188.9
288	185.7	188.9	185.1	184.6	180.1	180.5	175.0	172.5
312	168.4	170.1	166.0	163.2	162.2	160.1	158.0	156.6
336	155.9	154.2	155.3	152.8	151.1	151.1	151.5	150.8

DEPTH	2998.9		TILT	0		VOS	5959.70	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	150.8	154.6	152.8	148.3	151.5	150.1	150.1	152.8
24	148.0	150.4	148.3	148.3	147.7	152.5	153.2	152.8
48	153.9	156.2	164.2	163.4	163.2	163.6	170.1	169.8
72	168.8	168.7	167.7	173.6	173.9	176.3	181.2	181.5
96	183.9	186.0	185.0	183.0	181.1	179.1	177.0	173.9
120	172.9	173.6	173.9	174.3	174.3	168.4	167.8	167.3
144	163.2	156.8	162.7	170.1	173.6	176.1	179.1	170.5
168	183.3	180.5	183.1	183.6	184.3	183.3	179.8	183.3
192	187.8	187.6	193.3	199.8	205.0	208.1	215.7	222.3
216	223.4	227.8	234.8	238.9	241.0	243.4	239.9	238.2
240	233.0	226.5	219.9	220.2	219.9	219.7	217.5	217.5
264	212.6	213.7	166.7	158.0	154.9	147.5	141.1	142.2
288	188.4	190.5	187.8	188.1	185.0	183.9	181.5	178.8
312	173.6	175.3	172.9	169.0	167.7	166.3	164.7	161.5
336	161.7	161.1	159.8	157.3	154.9	156.8	155.9	154.2

DEPTH	3003.9		TILT	0		VOS	5960.20	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	158.4	158.0	157.7	154.6	152.9	153.2	154.2	156.0
24	157.3	156.0	153.5	152.9	150.8	154.6	153.9	153.2
48	154.2	159.8	163.9	163.0	167.7	168.6	172.0	170.0
72	170.2	172.6	173.9	174.3	179.8	177.0	181.5	182.2
96	184.7	186.0	185.1	182.4	181.9	179.5	178.8	178.1
120	173.2	171.9	174.3	174.6	175.3	168.8	166.3	165.9
144	161.4	157.8	162.9	168.8	173.6	175.3	177.7	168.1
168	183.3	180.5	181.9	178.5	183.4	184.0	181.7	181.3
192	187.5	190.5	194.3	201.2	206.1	209.5	212.0	222.7
216	224.1	228.9	233.7	239.3	240.7	244.1	242.4	239.3
240	236.5	227.5	221.6	222.0	221.3	221.3	220.6	221.3
264	218.1	175.2	167.0	159.4	155.1	142.8	140.1	136.9
288	191.9	191.6	189.8	189.8	187.4	186.0	185.9	181.9
312	180.9	178.9	176.6	174.6	171.7	170.8	169.4	163.6
336	167.7	165.3	162.9	161.8	160.8	162.4	162.1	160.8



CUSTOMER : Westlake US 2, LLC

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**WALL RANGES VS DEPTH**

DEPTH	3008.8		TILT	0		VOS	5960.20	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	162.2	162.2	162.5	158.7	157.0	157.3	158.4	160.1
24	165.0	160.1	163.2	157.0	158.0	155.3	154.2	154.2
48	155.3	159.4	163.6	169.4	169.4	173.6	174.0	171.2
72	173.9	174.6	177.0	178.8	179.8	178.1	182.6	183.3
96	186.4	186.4	183.9	182.7	180.9	180.2	182.6	183.3
120	184.3	173.2	173.9	175.3	176.6	168.1	166.0	162.2
144	162.9	159.7	163.2	168.4	173.2	175.0	175.6	169.4
168	175.3	180.9	178.9	178.5	182.7	181.9	182.7	185.3
192	187.8	192.6	196.4	202.6	207.1	209.2	212.3	222.7
216	225.1	229.9	234.8	240.3	243.1	242.4	244.8	239.3
240	236.5	227.9	223.4	223.0	223.7	222.7	221.6	222.0
264	223.5	169.5	165.6	159.1	156.0	142.8	135.1	130.4
288	124.9	128.6	191.9	191.4	191.9	188.8	189.9	185.9
312	183.9	181.9	180.2	178.1	175.5	172.2	171.9	169.1
336	169.8	168.8	169.8	165.7	166.7	166.6	167.1	161.8

DEPTH	3014.1		TILT	0		VOS	5960.20	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	165.3	165.6	166.1	165.3	163.9	159.8	162.8	163.9
24	168.1	170.8	165.0	164.6	169.1	168.8	156.3	156.0
48	156.3	161.8	166.6	172.2	171.2	174.5	177.7	177.7
72	176.7	178.4	177.4	180.5	179.5	181.9	182.6	185.7
96	187.1	186.7	184.3	182.9	194.3	194.7	194.7	190.9
120	195.8	176.0	205.0	175.3	176.4	170.5	167.4	163.2
144	163.6	161.8	162.9	169.1	172.2	173.0	176.4	170.1
168	172.9	180.9	179.1	179.4	183.6	184.6	186.0	185.7
192	189.1	193.0	199.5	204.0	207.1	210.9	214.7	223.0
216	227.2	228.7	235.8	238.9	241.7	244.6	245.8	238.9
240	238.9	228.2	224.8	222.3	223.7	223.7	221.3	221.2
264	165.6	165.5	160.9	137.6	131.4	131.4	134.5	124.9
288	122.8	122.1	119.3	199.9	197.4	195.5	194.5	190.2
312	188.8	185.1	184.6	180.9	180.2	179.5	178.1	176.0
336	171.9	173.6	173.2	171.1	170.8	171.2	171.9	164.3

DEPTH	3019.0		TILT	0		VOS	5960.20	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	170.1	167.7	169.4	165.6	163.9	164.4	165.8	169.4
24	169.4	175.5	173.0	171.8	171.5	172.6	159.8	160.6
48	158.4	162.9	170.8	171.9	174.0	175.3	179.6	179.8
72	177.4	182.2	181.6	192.1	194.6	195.8	185.5	189.2
96	188.6	199.3	200.6	208.9	203.4	197.1	198.5	201.8
120	216.7	221.6	215.4	229.0	208.1	201.3	193.3	163.6
144	162.9	164.1	163.1	169.1	171.2	173.9	175.2	169.1
168	172.2	179.9	179.0	179.8	182.6	185.0	186.7	186.7
192	190.9	196.1	202.5	205.7	207.8	210.9	214.7	223.7
216	227.3	229.9	238.2	240.7	242.7	247.2	244.5	240.7
240	238.7	229.2	226.0	224.1	223.7	224.7	203.5	225.2
264	161.4	160.9	141.8	136.4	118.6	128.7	131.2	117.6
288	119.0	112.4	112.3	205.2	108.5	104.1	105.1	194.1
312	192.1	188.8	188.1	185.9	183.6	183.0	183.0	179.4
336	178.1	174.6	176.0	177.9	175.1	174.7	173.2	173.2



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WALL RANGES VS DEPTH

DEPTH	3024.1		TILT	0		VOS	5960.20	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	178.7	175.0	175.3	172.6	169.8	171.2	173.3	172.6
24	178.2	181.2	178.0	176.4	178.1	178.8	165.3	165.3
48	159.4	160.1	171.9	178.2	180.2	178.8	185.3	179.5
72	180.5	182.9	189.1	191.9	193.6	196.1	196.4	194.0
96	194.0	198.8	201.0	207.5	211.5	205.0	203.5	207.3
120	217.9	222.3	223.6	237.9	236.2	220.3	212.3	205.6
144	165.6	165.6	169.1	170.9	171.0	172.7	173.6	170.7
168	174.6	177.4	180.9	182.2	184.3	187.4	188.8	192.6
192	195.4	199.6	203.3	206.4	209.5	211.5	215.1	223.7
216	227.3	231.3	239.5	240.3	244.5	247.9	244.8	248.3
240	239.3	229.6	226.2	224.8	225.8	224.4	184.9	181.4
264	160.1	145.2	136.3	133.4	115.8	111.3	110.3	116.8
288	110.3	108.6	102.8	101.4	101.4	99.4	100.5	97.6
312	90.7	90.1	90.0	83.0	187.7	186.7	187.7	182.9
336	182.0	180.5	180.2	181.2	179.5	178.4	177.7	176.0

DEPTH	3029.2		TILT	0		VOS	5960.20	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	185.4	177.0	71.9	70.4	66.9	65.7	180.5	183.2
24	181.5	183.6	192.1	183.6	183.6	188.6	182.7	172.6
48	160.8	164.4	171.5	178.5	181.2	183.6	185.7	195.5
72	197.6	194.5	189.8	191.6	193.6	195.0	196.4	193.9
96	195.7	198.8	201.2	208.2	211.5	216.7	208.7	211.6
120	219.2	222.6	229.0	237.2	237.2	220.2	218.5	208.9
144	217.4	220.6	173.6	175.0	171.9	172.9	172.9	172.5
168	176.7	181.7	183.3	185.3	185.9	190.5	189.5	193.0
192	195.4	200.6	204.4	209.2	210.2	214.0	218.9	225.3
216	227.5	233.1	239.3	241.8	245.8	249.0	249.6	249.0
240	243.1	236.1	235.4	232.4	231.3	230.8	186.0	182.8
264	150.4	146.3	133.8	114.8	107.6	112.5	108.1	100.1
288	96.5	97.9	96.4	99.9	93.2	94.3	97.7	92.7
312	82.1	81.6	82.1	81.8	75.8	73.4	71.1	70.4
336	72.6	72.9	70.9	73.7	69.2	182.2	182.7	181.5

DEPTH	3034.0		TILT	-2		VOS	5961.30	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	73.4	68.9	70.3	64.9	61.8	55.3	53.9	194.0
24	70.0	195.1	197.5	198.8	202.7	201.3	201.6	64.6
48	203.3	203.7	203.9	202.6	209.9	209.7	209.3	213.1
72	217.0	224.6	222.7	230.0	230.5	232.5	237.0	238.9
96	240.2	244.1	246.3	252.2	255.3	261.1	271.1	275.6
120	280.4	284.9	293.4	297.7	304.1	313.3	313.1	313.2
144	307.5	302.2	302.2	293.7	290.3	290.0	290.4	290.4
168	292.3	295.3	296.2	298.2	300.2	301.0	303.0	303.0
192	299.6	203.4	313.7	314.9	303.7	302.9	300.2	294.7
216	294.5	293.1	291.2	259.3	265.6	271.2	290.9	282.7
240	280.1	277.4	270.0	268.0	275.1	269.4	256.9	180.6
264	155.0	138.5	127.5	103.1	107.0	107.2	105.2	89.3
288	87.0	85.5	84.6	88.9	89.4	90.0	81.0	64.5
312	77.3	76.3	64.9	65.3	65.7	68.3	64.9	62.9
336	68.2	68.0	67.2	66.9	62.6	57.0	71.4	72.8



CUSTOMER : Westlake US 2, LLC

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**WALL RANGES VS DEPTH**

DEPTH	3034.0		TILT	-3		VOS	5961.30	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	72.5	68.9	69.4	62.9	62.4	54.5	53.1	193.4
24	70.0	198.0	195.5	201.3	205.0	204.0	206.6	64.3
48	207.7	207.7	206.0	206.2	210.3	214.5	214.8	217.2
72	221.9	224.3	228.6	228.6	230.6	235.9	237.8	238.0
96	246.7	250.8	246.7	259.9	263.1	266.1	275.1	279.6
120	282.9	288.6	295.0	301.1	306.4	311.5	312.7	312.4
144	307.7	302.2	300.0	294.3	290.4	290.0	290.4	290.4
168	292.1	295.1	297.7	298.8	299.8	302.4	302.6	303.0
192	309.2	316.0	319.9	313.2	311.1	304.1	301.4	298.0
216	296.2	294.7	297.4	266.3	220.3	220.9	205.8	287.8
240	282.1	283.4	274.9	277.3	274.2	269.1	258.2	181.2
264	154.5	135.9	126.7	103.1	107.0	98.5	105.0	89.2
288	77.9	79.1	81.0	84.6	89.7	84.9	81.5	64.5
312	76.9	76.5	64.9	65.7	65.7	69.1	65.1	62.6
336	67.1	66.9	66.9	66.9	62.4	56.1	184.8	71.2

DEPTH	3034.0		TILT	-4		VOS	5961.30	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	72.5	187.3	69.7	62.6	62.6	54.5	52.8	72.2
24	70.3	200.7	199.1	78.2	73.4	206.9	209.1	64.3
48	210.1	208.2	208.3	209.1	213.2	216.3	218.0	219.9
72	223.9	226.4	229.7	230.6	235.3	237.6	244.9	247.9
96	256.1	258.4	261.3	267.7	268.1	272.1	277.8	282.3
120	287.1	293.2	297.4	302.7	308.4	312.4	312.2	312.3
144	307.3	302.2	297.6	294.3	290.4	290.0	291.2	292.0
168	291.5	294.7	298.0	300.2	299.0	303.0	302.6	302.6
192	307.7	319.9	320.3	319.4	316.8	305.3	301.4	300.6
216	302.5	301.9	210.6	208.1	218.8	199.5	203.4	215.2
240	213.0	225.1	225.1	227.0	271.4	230.3	237.3	180.3
264	153.2	133.0	102.1	102.7	107.0	95.4	85.4	89.3
288	77.9	79.4	82.0	84.8	90.5	79.1	80.7	65.2
312	76.1	77.5	64.5	65.9	66.1	70.1	64.3	63.1
336	67.2	65.5	66.7	66.3	61.2	54.5	70.0	71.8

DEPTH	3034.0		TILT	-5		VOS	5961.30	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	72.0	68.1	69.7	62.8	62.1	55.0	52.2	71.9
24	193.8	72.8	77.9	77.5	73.6	68.0	64.5	64.3
48	211.7	207.9	210.2	214.2	216.3	218.1	219.0	223.9
72	228.1	239.3	244.1	245.6	239.9	248.4	253.4	252.2
96	258.4	261.2	265.0	268.7	270.0	273.8	280.3	284.0
120	289.2	295.2	295.2	305.9	309.7	312.4	313.2	310.8
144	307.7	301.8	299.0	294.8	291.2	290.8	291.2	292.5
168	291.5	295.7	299.5	299.4	299.4	302.5	302.2	302.6
192	307.7	319.9	319.9	323.8	323.6	320.8	308.4	302.4
216	308.7	308.7	205.4	202.9	215.2	191.0	202.6	205.7
240	210.9	208.3	213.9	211.7	211.3	208.5	208.6	175.5
264	148.7	133.1	102.7	103.1	106.9	95.1	85.4	89.3
288	77.6	78.3	80.7	83.8	90.1	78.7	80.6	65.4
312	75.3	75.9	64.5	65.3	65.7	70.4	64.3	63.2
336	66.3	65.2	65.2	66.9	59.5	53.1	70.0	184.8



CUSTOMER : Westlake US 2, LLC

DATE : April 22, 2025

CAVERN : PPG No. 007B

OPERATION No. : 11

**WALL RANGES VS DEPTH**

DEPTH	3034.0		TILT	-6		VOS	5961.30	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	187.2	68.0	68.1	62.1	62.4	54.6	52.3	71.4
24	68.9	70.8	77.6	77.3	72.8	67.7	64.5	64.9
48	69.4	211.4	213.3	219.1	219.5	76.2	222.1	224.9
72	237.3	239.6	246.3	245.5	240.0	250.6	251.8	253.6
96	262.4	263.2	267.9	271.1	276.9	282.1	283.5	285.3
120	289.4	295.9	296.3	308.4	309.6	312.4	311.2	312.3
144	307.7	302.2	299.0	295.5	290.8	290.8	293.5	296.4
168	299.3	300.4	299.8	299.4	299.0	304.4	302.2	306.7
192	315.4	309.2	320.3	323.8	323.8	321.1	320.2	310.4
216	312.3	308.7	203.0	202.1	205.3	182.2	189.0	201.4
240	203.1	205.7	208.8	211.7	210.5	194.7	191.2	170.2
264	150.7	132.3	103.2	105.6	107.5	95.1	86.1	88.0
288	76.7	79.0	80.3	83.5	89.8	78.7	79.6	65.4
312	75.3	75.9	64.5	64.9	65.3	70.3	64.0	63.5
336	66.6	64.9	64.3	67.1	58.6	52.5	69.1	71.7

DEPTH	3034.0		TILT	-9		VOS	5961.30	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	72.0	66.6	61.8	62.4	61.2	53.9	50.0	53.3
24	70.2	70.0	67.3	66.9	66.6	68.3	64.9	61.4
48	70.4	66.3	65.7	72.4	76.5	74.8	229.7	234.3
72	237.6	243.2	250.0	251.2	252.4	253.1	256.6	264.8
96	266.6	269.5	272.3	279.6	282.2	284.9	288.3	293.0
120	294.2	300.4	305.1	308.5	311.2	314.4	315.2	313.2
144	308.1	308.1	308.5	306.9	306.5	304.9	300.6	301.8
168	303.3	309.6	309.0	308.4	311.6	314.8	314.8	317.4
192	323.0	325.8	325.0	325.0	323.8	306.6	320.3	310.6
216	223.5	189.6	190.4	189.2	174.3	175.7	182.8	181.7
240	186.2	195.8	196.6	194.1	183.9	185.3	191.3	174.1
264	151.4	124.4	103.1	108.2	109.2	96.0	86.7	81.5
288	76.7	79.7	80.7	83.2	81.8	78.2	59.8	65.5
312	74.0	68.9	64.1	64.9	64.9	69.0	59.8	63.5
336	66.0	64.0	53.1	66.3	58.1	51.5	68.6	72.2

DEPTH	3034.0		TILT	-12		VOS	5961.30	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	70.0	65.5	57.4	60.4	60.9	55.3	49.9	49.2
24	68.5	70.3	64.2	63.3	63.4	67.3	65.3	59.8
48	75.9	66.1	65.2	68.3	78.2	75.4	86.6	239.5
72	239.2	245.5	250.2	249.7	256.5	261.2	262.0	262.0
96	265.2	265.6	267.1	274.1	279.0	281.9	286.5	292.3
120	296.3	301.0	306.1	308.1	308.6	305.6	304.6	307.5
144	305.1	305.3	306.1	307.7	308.5	305.3	304.5	305.3
168	308.1	310.8	311.2	300.1	298.8	314.0	315.2	315.2
192	315.2	299.8	288.0	292.6	282.6	266.0	212.5	185.9
216	185.7	183.0	182.5	171.5	172.7	176.3	175.0	170.9
240	169.3	170.1	173.9	169.3	170.1	162.6	165.8	176.4
264	150.2	123.0	106.0	109.2	110.7	95.9	86.3	76.2
288	77.1	80.0	81.0	77.9	75.9	77.0	61.7	66.9
312	68.7	64.0	63.7	64.5	64.5	62.9	57.7	62.8
336	67.0	64.1	53.1	64.9	59.5	51.9	53.1	55.8



CUSTOMER : Westlake US 2, LLC
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WALL RANGES VS DEPTH

DEPTH	3034.0		TILT	-15		VOS	5961.30	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	68.3	65.3	55.5	59.0	58.1	56.4	49.1	49.1
24	67.3	69.7	61.4	59.9	60.3	65.7	66.6	59.3
48	78.2	66.5	66.0	64.2	77.8	75.6	85.2	85.5
72	228.6	234.1	234.1	234.4	177.8	231.4	247.1	246.6
96	239.7	261.2	256.5	259.2	259.6	266.9	275.8	279.3
120	275.9	282.1	280.9	276.8	283.3	291.7	293.1	296.0
144	295.5	297.2	301.9	303.0	305.0	302.7	293.5	294.1
168	291.2	292.3	288.4	284.1	284.9	293.1	280.3	262.0
192	250.0	229.8	230.6	221.1	190.0	191.6	183.7	183.0
216	183.0	182.3	166.7	165.6	168.1	168.5	155.2	155.2
240	153.8	147.1	146.4	155.4	154.2	151.5	153.1	164.5
264	155.1	121.9	107.0	107.4	84.3	84.6	86.3	76.3
288	79.1	80.2	83.0	82.1	75.9	77.9	62.1	66.5
312	63.6	63.3	63.7	64.9	64.9	55.9	57.9	62.6
336	67.1	61.8	53.1	65.2	59.9	51.9	53.1	53.3

DEPTH	3034.0		TILT	-18		VOS	5961.30	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	68.6	63.0	55.5	57.3	57.4	57.3	49.9	48.8
24	65.3	67.1	62.2	59.8	56.4	63.8	66.9	59.4
48	77.1	72.8	66.6	63.5	75.1	74.4	85.4	85.5
72	158.3	165.9	150.3	149.5	149.9	152.6	185.3	205.1
96	171.5	205.8	215.4	229.2	240.9	243.9	244.7	244.3
120	246.3	262.5	266.0	265.6	269.1	269.9	275.4	273.1
144	279.0	281.5	283.0	287.7	287.9	283.4	283.3	282.1
168	282.1	277.3	272.7	273.1	274.5	252.2	237.6	227.0
192	227.4	219.2	222.7	226.6	179.9	192.1	175.5	175.9
216	173.5	171.0	161.7	163.1	162.5	151.9	152.3	153.4
240	147.9	144.0	140.1	139.3	139.5	142.0	148.0	155.0
264	156.3	111.1	109.7	102.3	85.7	85.8	75.5	76.7
288	78.3	80.3	78.7	80.2	76.2	65.9	63.8	65.8
312	58.7	62.5	64.1	64.9	64.9	55.5	57.0	62.4
336	65.0	58.3	53.1	67.1	59.5	51.9	53.5	53.3

DEPTH	3034.0		TILT	-21		VOS	5961.30	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	69.5	62.8	55.1	55.4	57.5	54.4	50.7	49.2
24	63.9	64.1	62.3	61.1	56.3	63.7	68.3	59.9
48	78.8	74.4	64.7	64.1	75.1	75.7	87.5	87.6
72	135.7	140.4	148.8	147.3	145.2	145.2	150.7	152.9
96	157.1	161.2	177.9	181.2	188.1	195.0	208.4	215.7
120	245.9	240.5	240.5	257.8	260.1	257.1	258.3	262.0
144	252.9	260.5	259.3	261.8	264.4	258.3	257.8	261.5
168	265.5	266.5	256.7	262.3	252.9	245.4	239.4	219.7
192	216.4	203.3	187.9	186.4	173.2	172.0	159.5	161.8
216	158.0	157.1	156.5	158.0	148.5	143.1	143.7	147.5
240	137.2	134.0	130.6	126.7	129.3	132.1	135.7	144.0
264	149.4	104.1	105.3	98.8	87.3	85.8	77.3	77.2
288	81.2	78.2	77.0	78.2	61.7	62.5	64.5	66.2
312	57.8	62.5	63.8	64.4	64.3	55.1	57.0	60.7
336	62.4	54.9	53.4	65.8	59.2	51.9	53.4	53.2



CUSTOMER : Westlake US 2, LLC
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WALL RANGES VS DEPTH

DEPTH	3034.0		TILT	-24		VOS	5961.30	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	68.3	63.1	59.6	55.7	56.3	53.9	51.3	49.5
24	49.8	62.9	62.6	62.2	56.6	65.3	68.6	61.6
48	79.8	76.3	66.2	65.6	76.6	78.6	90.2	95.8
72	128.2	136.8	149.9	155.0	149.9	144.6	144.6	145.8
96	150.9	154.7	157.5	172.9	172.3	182.3	190.2	201.1
120	211.2	219.3	221.6	227.3	223.0	234.5	242.9	242.6
144	236.3	236.0	249.6	236.2	236.2	234.2	233.9	234.5
168	234.3	235.5	224.4	225.3	233.2	221.5	223.1	190.2
192	195.4	194.0	178.0	175.0	143.7	150.2	153.0	154.7
216	155.6	152.0	150.5	147.8	136.2	139.8	137.9	134.0
240	119.9	126.1	123.5	122.8	121.3	121.0	127.6	131.4
264	141.9	99.8	98.8	94.5	88.5	86.4	78.7	78.4
288	81.1	75.7	77.6	76.6	62.5	63.9	67.1	66.5
312	58.1	61.8	64.4	63.8	58.5	54.9	56.3	61.8
336	57.9	52.2	54.5	66.0	60.1	51.9	53.4	53.4

DEPTH	3034.0		TILT	-27		VOS	5961.30	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	69.3	63.3	60.3	57.1	56.9	54.5	54.1	50.7
24	50.9	63.5	63.7	63.1	56.9	66.5	69.7	62.2
48	75.7	78.2	67.9	67.4	79.5	80.2	92.4	97.5
72	125.5	138.7	138.7	139.2	141.6	142.9	146.3	148.1
96	149.2	150.7	155.6	168.4	170.1	170.2	173.1	185.3
120	192.2	192.2	201.4	207.6	208.1	209.9	219.1	220.0
144	216.7	216.7	217.4	222.5	221.0	221.0	224.7	218.9
168	213.5	199.2	199.4	201.5	200.9	191.5	185.7	166.9
192	172.9	146.8	146.2	141.9	140.4	144.6	143.0	143.0
216	142.5	139.9	129.1	136.2	115.0	134.7	124.8	116.5
240	116.7	116.7	118.0	114.8	113.9	113.6	114.8	124.4
264	128.8	96.3	90.6	90.0	90.7	86.4	80.2	80.6
288	82.9	76.6	76.9	77.2	61.4	65.0	66.8	67.9
312	59.0	62.6	64.1	64.8	53.4	53.7	57.2	59.0
336	51.0	52.1	55.4	65.8	61.0	52.5	54.2	53.6

DEPTH	3034.0		TILT	-30		VOS	5961.30	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	68.0	65.2	59.6	58.1	56.3	55.4	53.2	51.6
24	51.9	56.6	65.0	64.3	58.1	62.8	71.5	63.5
48	70.0	77.8	72.4	74.5	82.7	82.9	95.1	101.5
72	124.4	130.6	129.7	136.8	137.9	136.5	138.6	142.2
96	146.6	149.6	154.5	162.1	167.3	165.9	165.7	160.1
120	174.8	172.5	185.2	192.7	195.3	189.3	194.3	196.1
144	196.4	202.1	205.1	201.5	200.6	174.4	206.0	192.9
168	183.0	182.7	171.4	169.8	163.6	160.1	160.4	151.5
192	146.6	140.7	139.5	138.0	128.5	128.7	138.0	131.7
216	124.8	107.3	102.2	98.5	97.5	91.9	87.6	86.4
240	86.4	87.6	91.8	96.2	104.9	105.8	106.7	112.4
264	124.9	90.6	89.4	89.1	86.4	82.6	82.0	82.0
288	80.8	78.4	77.2	73.0	63.2	67.8	67.8	68.8
312	60.6	62.3	64.1	64.7	54.1	54.2	57.8	59.0
336	51.3	51.9	56.6	64.9	60.2	53.8	54.8	54.2



CUSTOMER : Westlake US 2, LLC
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WALL RANGES VS DEPTH

DEPTH	3034.0		TILT	-33		VOS	5961.30	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	65.9	65.3	60.9	56.6	56.9	56.6	54.5	52.2
24	53.1	53.9	66.1	65.8	59.0	59.0	71.4	65.6
48	65.2	74.8	73.0	77.6	83.8	83.8	98.1	108.5
72	113.1	118.6	118.6	127.9	128.2	132.9	133.8	134.0
96	133.2	133.2	93.9	144.6	98.1	149.3	137.6	141.9
120	136.2	147.5	150.0	171.0	181.1	180.5	178.2	168.7
144	165.7	165.6	163.3	163.3	167.2	166.4	179.9	177.1
168	174.1	169.6	167.1	156.6	152.8	146.9	146.2	132.0
192	134.2	135.3	129.1	118.6	116.7	115.9	114.1	96.4
216	96.6	92.5	93.6	88.9	87.0	84.2	84.4	84.4
240	84.7	84.7	87.0	93.0	98.5	98.1	103.2	108.0
264	114.6	94.1	87.4	87.0	83.5	82.0	79.3	79.6
288	77.8	76.0	75.4	72.4	70.0	68.9	67.7	67.5
312	61.1	64.1	62.3	63.5	55.1	55.4	58.7	58.7
336	52.2	53.4	57.2	63.8	59.2	53.4	55.5	55.5

DEPTH	3034.0		TILT	-36		VOS	5961.30	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	65.6	65.6	62.1	57.5	59.0	57.8	55.1	53.7
24	54.2	54.7	67.8	66.9	60.8	60.1	74.4	67.3
48	64.1	72.5	75.4	79.7	85.8	85.8	100.1	105.2
72	105.8	111.8	112.8	122.8	123.1	122.5	127.2	123.3
96	125.0	94.2	90.9	92.1	96.9	103.4	130.4	134.1
120	134.3	133.6	136.7	154.5	165.1	164.5	163.6	164.3
144	159.4	157.1	157.1	158.9	159.8	161.0	160.4	161.8
168	158.6	143.6	135.7	135.9	135.3	122.7	129.7	124.2
192	113.3	105.2	102.2	96.4	95.1	92.8	88.5	87.0
216	87.0	86.6	86.1	84.1	83.2	80.5	80.2	81.7
240	82.0	82.0	83.5	84.9	88.5	91.3	99.6	103.7
264	109.1	94.4	85.8	84.4	80.6	78.4	76.9	76.6
288	75.7	74.2	71.8	70.6	68.9	67.7	66.6	66.3
312	62.6	64.7	62.3	63.1	55.7	56.9	59.6	59.2
336	53.1	55.2	58.5	62.4	61.1	54.2	56.6	55.8

DEPTH	3034.0		TILT	-39		VOS	5961.30	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	65.6	65.6	63.5	58.7	60.6	58.7	56.6	55.4
24	56.0	56.9	67.4	68.2	62.0	61.4	75.7	68.9
48	65.6	68.8	79.3	83.8	89.1	90.6	98.4	100.9
72	102.6	104.9	107.3	107.3	114.8	104.9	104.9	104.6
96	103.1	93.8	89.1	91.9	97.9	101.3	106.1	131.4
120	132.0	132.5	135.0	140.7	149.3	152.0	147.1	147.1
144	142.3	142.1	144.6	142.1	134.7	130.0	126.1	137.4
168	127.4	121.6	121.3	117.4	113.7	104.1	101.3	100.7
192	97.5	93.4	87.9	88.7	87.9	85.7	83.5	81.7
216	82.3	82.9	81.7	79.9	79.9	79.3	79.9	79.9
240	80.5	81.4	82.0	83.8	87.0	88.8	91.2	96.3
264	93.6	94.7	81.2	79.9	79.0	75.7	75.1	73.9
288	73.3	72.1	68.9	68.6	67.4	66.2	64.5	65.3
312	64.1	62.6	62.9	62.4	57.5	58.4	61.1	58.2
336	54.2	56.2	59.3	62.0	59.0	56.0	57.8	57.8



CUSTOMER : Westlake US 2, LLC
DATE : April 22, 2025

CAVERN : PPG No. 007B
OPERATION No. : 11



WALL RANGES VS DEPTH

DEPTH	3034.0		TILT	-42		VOS	5961.30	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	65.3	65.4	66.0	60.0	61.2	60.4	58.9	56.7
24	59.1	59.1	68.0	67.9	64.9	64.9	77.0	77.6
48	68.8	68.6	82.5	85.9	91.1	92.7	94.5	95.9
72	101.3	102.3	102.6	103.5	98.7	97.6	97.5	101.1
96	99.4	94.1	90.1	89.9	93.1	95.7	102.1	107.6
120	110.0	129.3	131.0	133.2	136.4	138.6	135.2	135.2
144	133.4	130.6	133.9	128.4	122.8	119.3	118.7	119.1
168	109.1	97.0	98.0	105.4	100.6	99.2	91.8	88.8
192	87.6	86.6	77.0	82.0	82.0	77.0	78.5	78.3
216	78.8	79.5	77.7	76.7	77.3	77.8	78.6	78.7
240	78.7	78.7	79.2	81.2	84.6	85.9	85.9	86.0
264	87.0	87.1	80.8	78.3	75.9	75.3	73.9	73.0
288	72.4	71.0	68.5	68.0	66.8	65.9	64.3	64.0
312	63.4	62.8	62.3	62.2	58.0	60.7	61.7	59.4
336	56.0	57.2	61.2	61.5	61.7	59.1	59.9	58.4

DEPTH	3034.0		TILT	-45		VOS	5961.30	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	64.5	64.5	65.3	60.1	62.2	62.0	60.6	58.9
24	60.6	60.9	66.8	66.8	67.1	67.6	79.0	75.7
48	73.3	71.7	85.7	90.4	90.4	91.6	91.7	92.1
72	94.2	94.9	98.5	99.8	90.2	91.9	89.3	87.7
96	87.9	87.8	86.6	87.1	89.3	92.6	95.3	97.6
120	103.4	106.5	107.1	107.6	124.8	122.6	121.8	122.0
144	123.7	121.9	120.7	119.3	114.3	110.9	93.5	93.5
168	91.9	90.1	89.3	89.3	88.2	88.0	86.5	83.1
192	83.1	76.1	75.6	74.7	72.8	71.9	76.4	75.9
216	75.0	75.0	75.3	74.2	74.2	74.7	74.7	75.8
240	76.1	76.4	77.5	79.2	81.1	81.7	82.1	83.2
264	82.8	79.1	77.7	75.8	75.6	74.4	73.0	71.5
288	70.6	68.8	68.6	68.2	67.2	66.1	63.9	63.4
312	62.9	62.0	60.8	60.5	61.4	61.2	60.9	60.8
336	57.0	59.4	61.2	61.1	61.1	61.0	62.3	59.8

DEPTH	3034.0		TILT	-48		VOS	5961.30	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	64.2	64.2	64.3	62.9	64.2	63.2	62.7	60.1
24	63.9	64.0	67.6	67.7	70.5	69.8	78.4	78.3
48	78.7	73.6	85.6	87.3	88.3	89.8	89.7	90.1
72	90.0	90.4	91.8	88.3	87.4	86.8	86.9	87.1
96	85.9	84.1	85.1	87.4	87.7	89.9	90.8	93.5
120	94.7	100.9	97.6	95.4	95.4	99.6	103.1	106.6
144	107.0	109.7	102.8	102.7	100.0	100.4	88.8	88.8
168	87.8	87.6	87.0	84.4	83.7	82.8	83.4	80.3
192	78.7	75.2	72.2	70.8	69.9	69.9	69.8	72.7
216	72.7	72.8	73.3	72.1	72.8	72.7	74.4	73.9
240	74.6	73.6	72.4	71.8	73.9	74.2	75.8	75.2
264	75.2	77.0	76.4	76.3	75.0	73.5	71.3	70.2
288	69.7	68.8	68.4	67.6	66.8	65.3	64.0	63.1
312	62.8	62.5	60.9	60.4	61.1	60.6	60.6	60.0
336	60.9	60.8	60.6	60.6	60.4	60.5	62.6	62.6



CUSTOMER : Westlake US 2, LLC
DATE : April 22, 2025

CAVERN : PPG No. 007B
OPERATION No. : 11



WALL RANGES VS DEPTH

DEPTH	3034.0		TILT	-51		VOS	5961.30	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	63.7	64.3	64.6	64.5	66.0	65.2	65.4	62.6
24	68.2	67.7	67.0	68.7	72.8	73.7	76.6	78.1
48	78.9	79.5	84.6	85.2	87.4	88.2	86.8	87.4
72	89.3	88.7	85.9	84.8	82.6	82.6	83.1	83.7
96	83.5	83.5	84.2	86.6	86.8	87.7	90.7	90.8
120	90.2	90.4	89.7	91.9	90.4	90.1	88.1	87.0
144	93.0	90.4	91.1	82.8	82.5	82.1	78.7	80.3
168	81.2	83.4	82.9	82.9	81.7	79.4	78.1	77.0
192	75.8	75.4	73.8	71.5	71.0	70.2	70.1	70.5
216	69.7	69.7	70.2	71.0	71.8	72.4	71.8	71.5
240	70.7	71.0	70.7	70.4	70.5	72.5	72.5	73.6
264	74.1	75.2	75.2	74.7	73.9	72.8	70.4	70.1
288	68.4	68.0	67.3	66.8	66.5	66.0	63.1	62.8
312	62.2	61.5	60.9	60.6	60.6	60.3	59.5	58.6
336	60.0	60.3	59.4	59.5	60.0	59.8	62.0	62.3

DEPTH	3034.0		TILT	-54		VOS	5961.30	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	63.5	64.0	64.3	64.8	65.6	65.6	65.9	65.3
24	68.2	68.4	68.5	68.2	72.8	73.5	76.1	77.8
48	79.2	79.8	84.5	84.9	84.9	84.8	85.4	87.4
72	87.6	87.4	86.8	83.7	82.9	82.9	81.8	81.9
96	83.2	82.8	84.3	84.3	84.9	87.3	87.1	87.6
120	87.9	88.5	87.9	87.7	85.8	84.2	84.5	84.5
144	84.0	83.2	83.4	81.4	80.6	80.6	78.1	78.3
168	79.8	81.8	81.8	80.9	79.5	77.8	77.8	76.3
192	73.8	73.3	73.0	72.2	71.0	70.1	69.4	68.2
216	67.7	68.5	69.0	69.4	69.0	69.6	69.1	68.8
240	68.7	68.5	68.7	69.0	69.0	69.0	69.1	70.8
264	71.6	71.3	71.9	73.2	73.9	71.6	71.0	68.4
288	67.6	67.4	66.3	65.9	65.6	64.9	64.0	63.4
312	62.6	62.3	61.8	61.7	60.4	60.3	59.7	59.8
336	59.8	59.8	59.7	59.2	59.2	59.5	61.4	61.8

DEPTH	3034.0		TILT	-57		VOS	5961.30	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	62.8	63.2	63.9	64.5	65.3	65.9	65.7	67.1
24	67.1	68.5	69.0	69.3	72.7	73.9	74.1	77.0
48	77.0	80.1	80.9	84.0	84.2	84.2	84.2	85.6
72	85.6	86.0	86.2	69.6	67.0	67.0	70.7	71.3
96	68.0	65.9	65.7	65.7	65.7	82.8	84.5	84.8
120	83.9	84.2	81.4	81.2	81.2	82.8	82.1	82.9
144	82.9	82.6	81.1	81.2	80.6	79.7	78.9	79.7
168	79.2	79.2	79.7	79.0	79.4	76.1	74.6	74.6
192	73.3	72.5	72.5	71.5	70.8	68.8	68.8	67.4
216	67.3	67.3	68.2	68.7	68.5	67.9	68.0	68.0
240	68.0	68.2	68.5	69.3	69.4	69.4	69.3	69.1
264	68.7	69.6	70.1	69.1	67.3	67.3	71.3	67.4
288	66.3	65.9	65.7	64.9	65.1	64.5	63.9	63.9
312	63.5	62.8	62.5	60.9	60.8	60.1	60.1	60.1
336	60.3	60.3	59.8	59.8	59.7	59.8	60.6	61.5

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CUSTOMER : Westlake US 2, LLC
DATE : April 22, 2025

CAVERN : PPG No. 007B
OPERATION No. : 11



WALL RANGES VS DEPTH

DEPTH	3034.0		TILT	-69		VOS	5961.30	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	62.8	63.1	65.7	67.1	64.8	64.6	64.6	64.6
24	64.5	64.9	65.6	66.5	66.5	67.3	67.0	67.0
48	68.7	68.7	71.6	71.6	71.6	71.6	61.5	59.7
72	59.7	59.5	59.7	58.4	59.7	58.7	58.7	59.2
96	58.7	58.6	58.3	59.4	60.9	60.9	64.9	65.4
120	65.4	64.8	65.1	65.3	65.4	65.7	71.9	71.9
144	70.4	70.4	69.6	69.6	66.5	65.1	65.9	66.3
168	65.6	66.0	66.0	67.9	65.6	65.3	65.3	65.3
192	65.9	66.2	66.6	66.6	66.5	66.5	66.3	66.2
216	66.5	66.2	66.2	66.3	62.5	63.4	60.9	60.9
240	60.3	60.1	61.7	59.7	59.7	60.0	61.4	60.8
264	60.8	61.2	61.2	61.2	61.8	61.8	56.9	59.8
288	58.1	59.1	59.1	60.8	60.8	60.8	61.8	64.0
312	62.9	62.5	62.3	62.0	63.4	62.9	62.6	62.6
336	62.2	62.2	62.0	61.5	61.5	62.3	62.3	62.8

DEPTH	3034.0		TILT	-72		VOS	5961.30	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	68.8	68.8	68.8	68.0	67.1	65.3	64.6	65.3
24	65.3	64.8	65.1	65.3	66.2	66.2	66.3	66.8
48	67.0	66.8	66.8	64.6	64.8	64.8	58.7	58.9
72	58.6	58.6	58.4	58.1	57.8	57.7	57.7	57.8
96	57.8	57.5	57.5	57.8	65.3	64.8	64.8	64.6
120	64.8	64.6	64.6	64.5	64.5	65.6	66.0	67.4
144	67.4	66.0	66.2	66.2	63.7	62.5	62.5	62.5
168	62.0	62.0	62.2	64.2	64.5	64.2	64.5	64.5
192	64.2	64.2	65.3	65.3	64.9	64.8	64.9	64.8
216	64.8	64.8	64.8	64.3	61.1	60.0	60.1	59.5
240	59.2	60.3	60.3	59.5	58.7	58.6	58.9	59.7
264	59.8	59.7	59.8	59.8	60.0	56.1	56.7	56.7
288	56.7	57.5	57.5	59.1	59.1	59.8	61.5	61.5
312	66.5	66.5	66.2	64.6	65.7	65.7	65.7	65.3
336	65.4	65.9	69.6	69.6	69.4	69.4	-1e+06	69.4

DEPTH	3034.0		TILT	-75		VOS	5961.30	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	68.7	68.8	67.3	68.4	67.7	62.6	62.6	63.5
24	63.5	64.8	64.6	65.4	65.4	65.4	63.7	63.7
48	63.7	63.7	63.7	63.2	62.9	64.2	62.2	58.4
72	58.4	58.0	57.8	57.8	57.7	57.7	57.5	57.5
96	63.1	63.1	57.2	57.3	63.5	63.5	64.8	64.5
120	64.5	64.5	64.5	64.5	64.6	64.6	64.5	65.1
144	65.1	63.5	62.8	62.8	61.8	62.3	60.8	60.4
168	60.4	60.4	63.2	63.1	63.1	63.1	63.2	63.4
192	63.2	63.2	63.1	63.1	64.6	63.9	64.0	64.0
216	64.0	62.5	62.5	62.5	59.7	59.1	59.1	58.7
240	58.7	58.7	58.4	58.4	58.4	58.4	58.4	58.4
264	59.1	59.4	59.4	59.4	-1e+06	54.6	55.3	56.7
288	56.1	56.1	56.7	56.7	57.3	57.3	58.1	58.3
312	66.5	66.3	66.2	66.2	66.2	66.6	66.6	67.3
336	67.3	67.9	67.6	69.3	68.5	68.5	68.5	68.5



CUSTOMER : Westlake US 2, LLC
DATE : April 22, 2025

CAVERN : PPG No. 007B
OPERATION No. : 11



WALL RANGES VS DEPTH

DEPTH	3034.0		TILT	-78		VOS	5961.30	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	67.3	67.3	67.3	67.3	62.0	62.0	62.2	62.2
24	62.2	62.2	62.3	64.1	62.3	63.9	62.3	62.3
48	62.3	62.3	62.3	62.5	63.4	63.4	62.0	60.9
72	60.9	61.1	61.1	61.1	61.1	60.6	60.4	60.6
96	63.2	63.2	63.2	63.2	63.2	63.2	63.4	62.9
120	63.1	63.2	62.9	62.9	62.9	62.8	62.3	62.3
144	62.3	62.0	62.0	62.0	62.3	62.3	62.2	62.2
168	62.2	62.2	62.2	63.1	62.8	62.9	62.9	63.1
192	63.4	63.4	63.4	63.4	62.6	62.6	62.6	61.8
216	61.8	61.8	61.8	61.5	61.5	61.5	59.1	58.7
240	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.7
264	58.9	58.9	58.3	58.3	58.1	58.1	57.0	58.6
288	58.6	55.3	55.3	56.0	57.5	57.5	57.5	57.5
312	66.0	66.0	66.2	65.6	66.6	67.4	67.4	67.4
336	67.3	67.9	66.6	66.6	66.6	66.6	67.6	67.6

DEPTH	3034.0		TILT	-81		VOS	5961.30	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	67.3	67.3	67.3	67.1	67.1	61.4	61.5	61.5
24	61.5	61.5	61.5	63.5	62.2	63.5	62.2	62.2
48	62.2	62.2	62.2	62.2	63.2	62.9	62.9	62.8
72	62.8	62.8	61.2	61.2	61.2	61.2	62.9	62.8
96	62.8	62.8	62.8	62.8	62.8	62.6	62.6	62.6
120	62.5	62.5	62.5	62.5	62.5	62.5	62.6	62.6
144	62.6	62.8	62.9	62.9	62.6	62.6	62.3	62.3
168	62.3	62.3	62.5	62.5	62.5	62.8	62.8	62.8
192	62.8	62.6	62.2	62.0	61.8	61.7	61.7	61.5
216	60.9	60.8	60.3	60.1	60.0	59.8	59.8	59.4
240	59.1	58.9	58.9	58.7	58.7	58.7	58.7	58.0
264	58.0	58.0	58.1	58.1	58.1	58.1	58.3	59.7
288	59.9	60.5	60.8	60.9	63.1	63.1	63.5	63.6
312	63.6	63.8	63.8	63.9	65.6	65.6	65.6	65.9
336	65.9	66.5	66.5	66.5	66.5	66.3	65.1	65.1

DEPTH	3034.0		TILT	-84		VOS	5961.30	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	64.4	64.0	61.8	64.0	64.0	64.0	63.5	63.5
24	63.5	63.5	63.5	63.5	63.5	63.1	62.2	62.2
48	63.5	63.5	63.5	63.5	63.1	63.1	63.1	63.1
72	63.1	63.1	63.1	63.1	63.5	63.5	63.5	63.5
96	63.5	63.5	63.5	63.1	63.1	63.1	63.1	62.6
120	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
144	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
168	62.6	62.6	62.6	62.6	62.2	62.2	62.2	62.2
192	61.8	61.8	61.8	61.8	61.3	61.3	61.3	61.3
216	60.9	60.9	60.9	60.4	60.4	60.4	60.4	60.4
240	60.4	60.4	60.4	60.0	60.0	60.0	60.0	60.0
264	60.0	60.0	60.0	60.0	59.6	60.0	60.4	60.4
288	60.9	60.9	60.9	60.9	62.6	62.6	63.1	63.1
312	63.5	63.5	63.5	63.1	63.1	63.1	64.0	64.4
336	64.8	64.8	64.8	64.8	64.4	64.4	64.2	64.4



CUSTOMER : Westlake US 2, LLC
DATE : April 22, 2025

CAVERN : PPG No. 007B
OPERATION No. : 11



WALL RANGES VS DEPTH

DEPTH	3034.0		TILT	-87		VOS	5961.30	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
24	64.0	64.0	64.0	64.0	64.0	64.0	64.0	63.5
48	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
72	64.0	63.5	63.5	63.5	63.5	63.5	63.5	63.5
96	63.5	63.1	63.1	63.5	63.5	63.1	63.1	62.6
120	62.6	62.2	62.2	62.2	62.2	62.2	62.2	62.2
144	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
168	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
192	62.2	61.8	61.8	61.8	61.8	61.8	61.8	61.8
216	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
240	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
264	61.8	62.2	62.2	62.2	62.2	62.6	62.6	62.6
288	62.6	62.6	62.6	62.6	63.1	63.1	63.1	63.1
312	63.1	63.1	63.1	63.5	63.5	63.5	63.1	63.5
336	63.5	63.5	63.5	63.5	64.0	64.0	64.0	64.0

DEPTH	3034.5		TILT	0		VOS	5960.20	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	186.4	73.4	71.1	67.4	63.5	59.2	74.7	192.1
24	188.7	194.3	194.7	195.0	194.7	195.1	194.8	178.4
48	177.5	200.5	172.9	194.1	191.1	187.1	209.7	211.2
72	214.7	218.9	222.9	223.7	226.3	229.7	229.6	233.5
96	200.2	242.2	200.6	246.2	253.5	256.5	262.0	252.8
120	272.8	226.5	233.5	238.2	235.5	220.3	250.7	243.3
144	302.7	302.3	195.4	200.9	189.8	202.3	207.5	176.4
168	179.5	192.9	186.7	187.8	191.6	193.0	196.6	199.5
192	200.9	203.0	206.8	209.0	211.2	215.1	218.9	225.8
216	229.6	233.4	242.7	247.4	252.5	252.1	252.0	280.9
240	268.6	270.9	267.7	267.6	261.0	236.7	236.7	183.1
264	146.0	139.4	132.4	107.9	108.1	112.4	106.6	93.7
288	95.1	94.4	89.5	90.5	90.2	91.7	83.7	85.8
312	79.1	79.6	66.4	66.4	67.1	67.5	67.4	67.4
336	69.2	71.4	67.7	69.0	64.6	58.8	73.0	75.9

DEPTH	3039.0		TILT	0		VOS	5960.20	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	188.7	68.7	70.2	62.8	62.9	54.6	53.2	70.5
24	70.9	194.8	197.1	78.7	73.9	200.6	200.9	199.1
48	201.4	202.0	203.1	202.8	210.1	207.3	209.9	211.8
72	216.9	221.9	223.9	229.0	229.3	231.2	234.5	238.8
96	238.9	242.8	247.1	249.9	255.0	259.8	267.7	272.2
120	279.8	282.1	291.7	290.0	298.2	311.4	312.5	312.5
144	303.0	302.7	295.3	291.1	290.0	290.0	290.0	290.3
168	292.5	295.9	296.8	297.6	300.1	247.7	226.7	199.5
192	202.6	204.6	207.4	211.7	213.7	304.4	224.3	295.2
216	261.4	289.8	266.8	254.2	259.7	262.2	285.3	281.3
240	276.6	274.6	269.5	267.2	268.7	261.7	256.7	181.5
264	155.6	137.9	127.8	103.6	107.6	96.8	105.5	89.2
288	78.4	79.5	82.3	85.0	90.8	80.3	81.3	65.4
312	76.0	77.6	65.0	65.7	66.1	70.5	64.8	63.6
336	66.9	65.7	66.6	67.1	58.7	53.2	70.2	185.6



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WALL RANGES VS DEPTH

DEPTH	3044.0		TILT	0		VOS	5960.20	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	71.9	66.0	60.2	61.8	61.2	54.4	49.5	48.2
24	70.0	70.1	67.8	67.2	66.6	68.1	64.7	202.1
48	70.2	65.7	65.5	76.7	75.6	214.1	214.1	216.4
72	221.7	224.3	229.0	231.0	231.0	235.5	236.5	238.0
96	241.5	246.7	246.7	257.5	256.7	261.6	272.0	276.4
120	280.5	285.3	293.5	297.9	304.4	313.6	313.2	313.2
144	307.8	302.7	302.5	294.3	291.2	290.5	290.9	290.9
168	292.3	295.3	296.3	298.2	300.2	300.9	303.3	301.5
192	304.9	312.5	313.7	311.4	304.9	303.7	300.2	294.7
216	295.1	294.8	292.0	261.3	221.0	221.5	206.2	282.9
240	280.9	278.7	271.4	270.5	275.4	269.8	257.8	181.1
264	153.6	133.1	103.1	104.7	107.2	95.3	86.0	85.7
288	76.8	79.1	80.1	83.5	89.1	78.4	60.2	65.7
312	75.9	69.2	63.9	64.7	64.8	69.7	57.3	62.9
336	65.4	63.8	52.8	66.2	58.4	51.5	68.5	71.9

DEPTH	3049.2		TILT	0		VOS	5960.20	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	67.1	63.8	53.2	57.8	57.5	55.5	48.2	47.0
24	66.5	60.6	59.8	58.1	58.7	66.9	64.9	57.5
48	74.6	65.2	64.9	64.8	76.7	74.0	218.0	220.2
72	224.0	225.5	229.0	229.8	234.1	237.3	242.7	246.8
96	255.8	254.4	255.8	261.2	266.4	267.5	275.3	280.4
120	285.3	288.8	294.8	300.9	306.1	311.2	312.8	313.2
144	307.5	302.2	299.9	294.6	290.6	290.2	290.7	290.7
168	291.9	295.4	297.5	298.6	300.1	302.2	302.9	303.1
192	308.1	312.8	312.8	313.1	310.2	304.0	301.2	297.8
216	296.2	295.1	209.7	207.0	218.4	196.3	203.1	213.3
240	211.3	211.0	275.9	277.6	272.6	234.9	246.8	169.8
264	150.1	132.6	102.7	106.9	108.0	95.1	85.4	75.0
288	76.0	78.7	80.1	77.6	76.4	76.3	60.6	65.4
312	64.6	62.1	62.2	63.4	63.4	53.9	56.1	60.9
336	65.6	62.3	51.6	63.8	58.1	50.0	51.6	51.5

DEPTH	3054.0		TILT	0		VOS	5960.20	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	65.7	60.1	52.4	52.3	54.2	50.0	47.6	45.8
24	62.7	59.5	59.0	57.3	53.2	61.1	64.0	56.7
48	75.9	67.9	64.0	60.9	75.3	73.2	82.7	224.0
72	227.9	238.9	232.9	234.5	239.2	247.0	253.3	251.3
96	255.4	258.1	263.6	266.8	267.2	274.2	278.2	282.1
120	286.8	292.7	297.1	301.8	307.7	312.1	311.2	312.0
144	306.9	301.8	297.1	294.3	290.3	290.0	290.8	291.5
168	291.5	294.7	297.4	299.8	299.1	302.6	302.6	302.6
192	307.7	319.0	315.1	317.6	315.4	303.0	300.6	299.0
216	301.3	300.7	204.2	202.0	211.2	181.9	187.9	202.3
240	204.6	204.8	210.8	210.7	210.5	193.5	186.1	169.8
264	150.4	123.8	104.1	107.8	81.8	83.8	84.3	74.0
288	76.8	77.9	81.0	79.1	73.9	58.7	61.0	62.9
312	54.7	59.8	61.0	62.3	62.3	51.6	53.5	58.7
336	61.8	49.9	51.2	64.4	56.1	48.4	49.6	49.9



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WALL RANGES VS DEPTH

DEPTH	3059.0		TILT	0		VOS	5960.20	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	64.9	58.1	54.8	51.5	51.2	49.2	46.5	45.3
24	45.6	58.7	57.9	57.5	52.0	60.1	64.0	56.7
48	74.2	70.2	61.0	60.5	72.4	71.3	221.2	223.9
72	236.6	239.0	245.1	244.9	239.9	249.8	251.5	251.8
96	260.9	261.5	264.8	268.3	274.2	274.6	279.7	283.3
120	288.4	294.3	294.3	304.4	308.9	311.2	312.8	311.2
144	306.5	301.4	298.2	293.9	290.4	290.3	290.4	291.5
168	291.1	294.7	298.6	299.1	298.6	301.8	301.8	303.3
192	306.9	319.9	319.5	323.0	320.2	304.9	303.0	300.2
216	194.0	189.7	191.2	191.2	173.1	173.9	181.4	192.7
240	189.5	203.2	205.0	206.0	193.2	190.8	185.7	170.1
264	149.5	121.3	103.5	105.9	81.9	82.1	72.4	73.6
288	75.6	77.0	72.8	76.2	57.5	59.1	61.4	61.8
312	53.6	56.7	59.5	59.4	47.7	48.4	52.0	57.0
336	44.9	45.7	50.0	61.2	55.0	47.3	48.4	48.2

DEPTH	3064.1		TILT	0		VOS	5960.20	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	62.3	56.7	51.6	48.5	48.4	48.5	46.0	44.5
24	45.3	45.4	56.7	56.4	50.4	59.5	63.5	55.6
48	73.6	70.6	60.8	60.6	70.5	71.8	81.9	226.2
72	236.5	239.5	245.5	246.2	248.2	250.2	249.8	255.0
96	261.8	262.7	267.2	271.2	276.2	281.3	282.6	284.1
120	288.1	294.9	295.2	306.9	308.3	311.6	310.4	311.2
144	306.5	301.4	297.9	293.5	290.4	289.9	292.5	294.7
168	297.1	297.3	298.3	298.6	298.2	300.6	301.4	303.0
192	308.8	319.9	319.1	323.4	322.2	319.1	315.8	307.3
216	190.4	187.4	188.0	176.7	172.4	173.5	180.0	176.6
240	183.9	194.6	197.7	192.4	176.3	176.9	188.9	172.0
264	147.0	118.8	104.3	102.4	81.9	80.4	72.8	72.6
288	75.6	70.1	71.6	70.8	55.5	58.6	59.8	60.9
312	52.8	55.7	57.1	57.8	46.8	47.1	50.3	51.2
336	43.8	44.9	49.1	58.7	52.2	45.3	46.9	46.9

DEPTH	3069.5		TILT	0		VOS	5961.30	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	55.9	55.0	50.4	46.2	48.1	46.3	44.4	43.3
24	44.1	44.7	55.9	55.6	49.5	48.8	62.6	55.3
48	53.2	70.0	63.4	65.3	71.1	72.5	82.3	231.6
72	235.4	240.5	247.1	248.3	249.9	250.3	251.7	259.3
96	262.6	267.2	270.7	274.5	279.4	281.8	284.1	284.1
120	288.8	295.1	297.9	306.9	308.5	312.8	311.3	310.9
144	306.6	305.8	301.0	301.3	297.1	296.2	297.1	298.5
168	303.0	306.9	298.7	305.6	306.4	310.3	301.4	310.8
192	319.9	320.3	320.1	323.1	321.5	318.7	318.8	308.7
216	181.8	181.8	181.8	168.3	169.8	172.8	176.7	166.9
240	162.2	163.5	172.8	163.7	164.6	153.3	150.1	173.5
264	148.8	104.4	104.7	92.0	81.5	79.5	72.4	72.5
288	75.3	68.9	69.7	67.3	59.2	59.4	59.0	58.7
312	52.0	53.3	51.7	53.0	45.3	46.5	48.7	46.8
336	42.5	44.0	47.3	52.8	50.2	44.1	45.8	45.5



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WALL RANGES VS DEPTH

DEPTH	3073.9		TILT	0		VOS	5961.30	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	51.6	52.5	49.9	45.1	46.5	45.4	43.7	41.8
24	43.7	44.0	55.3	54.5	48.4	48.4	60.5	55.0
48	51.6	65.0	61.7	65.7	72.2	72.4	83.5	231.6
72	236.2	240.5	247.1	248.3	249.5	250.3	253.8	261.3
96	263.3	266.4	270.7	275.5	278.2	281.4	282.5	285.3
120	289.2	295.1	300.6	306.2	308.1	312.5	311.3	310.5
144	304.2	305.8	302.2	300.3	297.5	299.9	296.7	298.7
168	303.6	306.9	305.0	303.9	306.4	308.1	300.8	317.2
192	319.9	320.3	321.9	322.7	320.3	319.1	315.7	179.9
216	182.6	179.2	171.8	162.2	167.0	169.3	150.5	150.5
240	147.0	141.3	140.8	138.0	144.2	146.8	148.8	165.3
264	150.1	92.2	90.4	83.0	81.3	75.4	71.6	71.6
288	72.5	66.3	65.4	60.4	56.9	55.0	53.0	52.6
312	50.4	48.8	49.0	48.5	43.7	45.7	47.2	44.6
336	41.2	42.5	46.1	47.7	46.4	44.5	44.8	43.3

DEPTH	3079.0		TILT	51		VOS	5961.30	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	208.9	211.0	206.8	208.7	207.8	209.6	211.6	209.9
24	213.3	205.6	216.7	232.1	240.3	247.6	247.7	245.8
48	246.5	247.2	248.2	260.5	261.0	262.9	264.3	265.2
72	266.5	269.4	276.5	280.9	282.1	286.0	288.9	294.2
96	298.4	297.8	304.2	303.6	304.9	312.4	308.2	310.6
120	312.3	312.9	311.9	315.0	316.1	315.0	313.4	316.7
144	316.7	314.2	314.6	315.9	315.0	315.9	315.2	312.8
168	315.5	318.5	312.4	315.7	314.6	313.3	313.8	317.7
192	314.1	318.5	316.6	317.3	315.9	315.5	316.3	316.3
216	314.8	315.5	318.2	318.6	319.4	315.4	315.4	313.3
240	314.4	320.4	317.7	315.9	315.0	311.9	311.5	310.2
264	311.1	310.1	306.2	284.6	278.2	266.4	244.8	235.3
288	226.4	223.3	220.0	229.0	227.9	216.7	232.3	229.4
312	238.9	224.0	206.6	214.8	218.3	218.3	211.3	207.2
336	209.2	215.9	226.5	223.9	208.0	217.8	216.7	208.1

DEPTH	3079.0		TILT	48		VOS	5961.30	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	178.9	174.5	168.1	186.3	189.0	172.1	178.2	178.7
24	192.0	196.4	197.2	213.0	224.1	233.1	233.4	232.0
48	230.8	230.2	232.5	246.4	249.7	251.5	255.7	258.3
72	260.4	264.5	266.7	269.3	272.1	274.4	275.6	278.2
96	283.2	288.0	293.4	298.6	302.7	304.6	310.6	316.6
120	317.9	321.0	323.8	326.6	330.0	335.3	330.5	330.6
144	333.6	331.3	332.2	333.6	327.5	326.5	334.6	333.2
168	333.1	336.7	334.5	335.8	330.6	331.3	330.5	332.9
192	332.5	336.6	335.9	329.0	330.9	330.9	335.6	335.8
216	334.0	332.3	331.6	329.1	328.3	329.9	326.8	325.2
240	325.2	324.0	318.6	318.8	310.3	310.9	309.2	303.1
264	295.2	273.2	253.4	242.3	235.6	230.0	227.4	214.2
288	216.4	211.7	204.3	203.7	201.8	201.7	196.0	187.5
312	186.2	183.6	182.2	182.2	181.4	181.4	180.9	186.8
336	185.6	186.5	194.4	197.9	182.4	183.9	184.0	190.1



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WALL RANGES VS DEPTH

DEPTH	3079.0		TILT	45		VOS	5961.30	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	170.4	168.9	164.6	167.2	166.9	163.3	164.2	171.1
24	166.4	181.6	187.5	198.9	212.0	216.5	219.8	219.5
48	218.3	227.3	227.7	232.0	234.0	243.0	241.6	242.2
72	244.8	246.9	248.8	251.3	256.8	260.7	264.1	263.5
96	258.1	271.5	278.8	278.3	275.6	273.2	272.5	283.7
120	301.4	269.1	315.4	321.7	335.3	335.3	332.2	331.2
144	323.8	323.0	331.8	338.8	341.1	338.8	336.6	341.1
168	340.4	340.7	340.6	344.7	342.8	343.7	343.7	342.8
192	342.8	341.5	341.9	344.6	341.9	341.9	338.8	338.8
216	331.3	314.0	314.7	309.9	324.0	325.7	318.5	315.6
240	313.2	312.0	312.3	310.9	306.7	303.0	298.3	290.4
264	280.3	259.1	241.6	242.0	227.2	216.7	214.6	213.6
288	209.2	204.7	201.7	199.4	197.7	193.7	188.9	185.8
312	184.5	183.1	182.2	180.0	179.2	179.2	178.3	178.3
336	178.7	178.7	179.2	177.1	175.0	174.7	174.2	172.3

DEPTH	3079.0		TILT	42		VOS	5961.30	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	167.2	167.2	163.7	163.3	163.7	163.3	163.3	165.4
24	164.2	171.4	176.5	190.1	202.2	205.8	208.1	206.7
48	207.2	217.1	217.9	221.1	221.1	230.6	230.6	230.0
72	227.7	231.2	232.9	235.2	240.3	246.9	249.0	245.7
96	242.7	255.5	259.0	261.7	260.5	259.0	259.8	264.6
120	260.0	262.8	275.8	283.2	283.4	292.6	286.9	293.7
144	298.4	303.6	303.6	323.4	331.8	325.0	317.5	324.2
168	327.6	326.0	328.5	332.7	333.1	332.2	333.0	325.9
192	325.2	322.5	334.6	332.8	321.5	325.2	318.2	295.0
216	291.4	288.4	292.0	297.2	302.2	302.2	305.9	304.3
240	302.8	301.0	302.7	302.5	301.2	293.0	288.2	282.8
264	275.3	252.1	235.0	231.6	219.7	213.1	212.7	212.7
288	208.7	206.1	200.8	199.9	196.0	192.0	188.0	186.2
312	184.9	183.1	180.9	178.3	177.4	176.1	175.8	176.1
336	175.8	174.7	173.2	170.8	170.3	168.6	168.1	167.2

DEPTH	3079.0		TILT	39		VOS	5961.30	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	166.8	166.8	163.7	163.7	162.8	162.8	162.8	161.5
24	162.0	164.2	164.8	184.7	194.4	195.6	196.8	195.5
48	197.1	206.7	206.7	211.4	212.4	219.8	220.2	221.4
72	218.7	219.2	220.0	224.0	227.2	233.6	237.3	236.3
96	230.3	242.0	241.4	246.2	247.1	246.3	244.9	249.8
120	245.2	246.2	252.8	261.0	263.1	264.5	272.9	271.2
144	275.8	290.8	286.8	293.8	304.0	303.7	289.5	298.4
168	291.4	285.3	296.4	303.1	303.1	303.1	294.6	280.0
192	283.2	290.5	289.9	276.8	278.4	278.9	271.4	270.7
216	274.4	277.1	283.3	287.1	294.2	295.3	297.4	292.5
240	292.5	293.9	293.9	290.8	292.7	282.8	275.3	270.3
264	260.3	244.5	232.5	227.1	222.4	214.0	210.0	211.8
288	208.7	204.3	202.1	199.0	195.5	192.0	190.6	186.2
312	184.9	182.7	179.6	178.3	175.6	173.9	173.4	171.7
336	171.2	171.2	171.2	170.8	170.3	168.6	168.6	167.2



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WALL RANGES VS DEPTH

DEPTH	3079.0		TILT	36		VOS	5961.30	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	167.7	166.8	165.8	165.2	79.4	162.3	163.9	162.9
24	163.3	164.2	165.9	172.1	182.2	187.9	189.6	188.8
48	187.9	198.6	199.0	202.8	203.6	208.8	209.2	207.5
72	206.5	208.3	210.0	213.4	217.7	223.3	227.8	225.9
96	222.4	227.9	228.6	236.9	234.7	234.4	233.4	233.4
120	232.1	229.8	217.3	221.8	219.4	223.0	226.0	214.2
144	201.7	201.7	220.8	210.9	281.7	273.4	276.7	273.6
168	275.4	272.0	276.7	278.8	276.2	270.3	273.7	270.7
192	268.6	270.7	268.9	261.6	268.9	261.3	259.4	256.9
216	264.1	267.9	273.3	279.3	285.1	287.5	289.8	273.2
240	276.9	276.9	285.4	282.7	280.3	269.2	264.3	259.4
264	254.2	240.9	229.4	224.6	216.7	212.7	208.3	210.5
288	207.4	205.2	202.5	197.7	197.2	192.4	189.3	186.7
312	185.3	182.8	179.6	177.4	176.5	173.9	172.7	172.1
336	172.1	171.7	169.9	168.6	168.0	168.0	168.3	168.1

DEPTH	3079.0		TILT	33		VOS	5961.30	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	169.5	88.3	85.0	75.1	75.2	64.7	57.3	56.2
24	165.9	165.9	167.2	169.5	173.4	181.2	182.2	77.5
48	183.1	190.6	195.9	194.4	192.8	197.9	199.0	201.9
72	198.9	199.2	201.1	204.9	207.4	210.0	219.5	218.8
96	217.6	219.2	218.4	218.0	217.3	216.7	214.9	214.5
120	212.7	206.6	203.0	200.2	203.3	212.0	209.9	199.5
144	193.6	191.1	198.0	204.1	211.9	241.3	211.0	211.3
168	226.2	229.7	238.8	235.7	232.8	223.9	220.6	233.5
192	228.1	229.4	232.8	234.3	235.2	241.8	245.3	252.5
216	256.0	262.8	266.7	272.0	278.2	280.1	278.9	268.7
240	267.9	261.2	261.6	262.8	257.2	260.8	255.7	254.5
264	239.5	236.0	231.7	224.6	219.7	209.5	205.6	205.6
288	208.3	207.8	201.7	198.6	195.9	193.3	191.5	187.0
312	184.9	182.7	180.9	179.0	176.8	176.2	77.7	75.0
336	82.6	173.7	173.7	82.5	69.0	60.9	62.6	169.5

DEPTH	3079.0		TILT	30		VOS	5961.30	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	84.6	79.0	81.6	71.4	67.7	63.4	55.3	53.3
24	53.1	167.2	167.7	170.0	170.0	78.5	74.7	70.0
48	176.0	75.5	190.1	189.5	187.2	185.8	190.7	192.6
72	191.6	191.6	192.0	197.8	200.7	203.0	209.9	210.5
96	211.3	212.4	213.5	209.7	209.6	204.7	204.7	205.3
120	206.0	195.9	194.2	195.5	195.0	200.3	197.4	195.1
144	191.1	182.5	188.9	195.6	205.4	208.0	206.2	202.1
168	214.7	214.5	216.7	212.7	220.6	215.8	216.6	220.6
192	223.7	220.3	225.2	225.9	227.2	235.2	242.6	246.3
216	251.3	255.8	259.8	266.8	273.7	274.3	270.5	263.2
240	261.7	255.0	251.5	250.6	246.2	245.3	244.4	244.9
264	233.4	234.3	227.7	223.7	214.8	179.8	172.7	204.7
288	207.2	207.8	202.8	199.9	120.0	119.9	69.5	75.0
312	92.2	92.5	74.4	75.1	75.4	81.0	64.8	72.4
336	76.4	74.6	59.4	77.3	67.7	57.5	59.5	59.4



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WALL RANGES VS DEPTH

DEPTH	3079.0		TILT	27		VOS	5961.30	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	81.8	72.4	59.5	63.4	59.6	56.0	53.2	51.1
24	50.6	67.4	78.1	168.8	65.5	75.9	72.1	64.4
48	78.6	73.3	71.8	183.0	182.5	182.7	188.0	188.9
72	186.2	185.8	187.0	190.4	191.5	197.2	202.3	204.9
96	205.3	206.1	204.7	204.7	201.5	199.3	198.2	195.4
120	196.6	197.9	195.5	195.3	195.4	188.4	188.4	188.8
144	184.4	175.2	183.1	190.2	197.0	199.1	199.0	194.8
168	209.1	203.9	205.0	206.1	213.6	206.6	210.7	211.5
192	213.8	215.7	217.5	220.6	225.9	229.0	233.9	242.4
216	245.2	250.9	254.8	261.4	265.6	268.3	262.5	266.1
240	258.1	252.1	243.6	244.0	242.2	240.9	240.6	236.4
264	232.1	225.5	225.4	191.9	133.3	160.2	151.4	131.8
288	87.8	111.7	107.0	112.4	102.4	104.3	68.0	74.2
312	84.9	75.9	70.6	71.7	72.1	58.8	61.7	68.3
336	74.0	70.6	56.8	72.8	65.0	53.8	55.9	81.0

DEPTH	3079.0		TILT	24		VOS	5961.30	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	72.8	69.0	66.4	56.5	58.1	53.4	51.1	49.5
24	49.9	64.8	65.4	62.7	57.7	66.4	70.7	62.1
48	79.1	71.2	70.2	67.1	83.0	80.8	187.5	185.8
72	185.8	186.7	188.0	190.2	191.5	192.4	198.2	198.6
96	201.3	203.0	201.8	199.9	198.0	196.0	194.2	192.0
120	188.4	188.0	190.5	190.9	190.6	184.5	181.9	180.2
144	176.5	174.3	178.4	184.6	189.9	192.3	195.9	183.6
168	200.3	197.5	200.7	201.2	201.8	200.7	196.8	200.5
192	200.3	204.3	211.2	214.4	223.3	222.8	229.4	237.6
216	240.5	245.3	251.1	256.5	261.2	265.1	258.6	261.6
240	255.5	242.4	240.2	239.8	239.2	236.9	234.7	232.1
264	230.3	223.4	182.6	149.3	117.4	123.1	93.8	97.4
288	83.8	86.5	87.4	91.8	99.1	85.7	66.5	71.5
312	59.6	65.2	67.8	69.2	69.2	54.9	57.6	65.8
336	71.5	50.0	55.1	69.6	61.4	51.7	53.7	53.3

DEPTH	3079.0		TILT	21		VOS	5961.30	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	70.2	63.5	63.6	55.1	54.7	52.5	49.7	47.3
24	48.1	69.7	61.8	61.4	55.5	64.5	68.7	60.1
48	81.0	71.8	65.3	64.8	82.1	79.1	187.5	188.9
72	187.5	187.5	188.9	191.1	192.0	192.4	195.5	196.2
96	198.6	199.0	196.8	195.5	195.5	194.6	195.5	196.1
120	196.6	188.0	188.4	188.0	188.4	181.8	178.7	173.9
144	174.7	174.3	175.2	181.1	184.7	184.9	188.5	182.2
168	186.0	193.5	190.6	191.4	195.5	194.6	195.5	197.8
192	199.4	204.3	208.2	214.9	219.9	220.6	227.7	233.4
216	237.4	244.1	248.2	254.2	257.5	260.0	255.0	259.4
240	249.2	241.8	235.2	233.9	234.3	233.9	232.1	231.7
264	173.0	173.0	110.1	110.8	115.2	120.2	92.1	79.0
288	81.5	84.3	85.8	81.7	61.7	62.7	65.3	67.1
312	57.4	62.3	64.0	65.9	50.8	51.0	55.6	60.7
336	47.5	48.7	53.0	69.0	59.1	50.0	51.2	51.0



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**WALL RANGES VS DEPTH**

DEPTH	3079.0		TILT	18		VOS	5961.30	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	68.9	60.4	60.0	53.6	50.3	51.0	48.3	46.5
24	47.4	62.0	60.5	60.1	53.6	63.1	67.3	59.2
48	79.5	73.4	64.1	63.6	77.2	75.8	95.1	189.6
72	187.8	192.0	191.5	198.6	200.6	201.8	194.6	197.7
96	197.9	202.6	202.3	211.0	206.5	205.4	205.2	202.1
120	207.5	214.8	213.2	205.2	204.3	201.5	198.0	193.0
144	176.1	176.1	177.4	179.2	179.6	181.4	182.8	179.2
168	182.8	186.7	188.7	190.1	192.4	194.5	196.2	196.2
192	199.4	204.1	209.8	214.1	217.7	219.7	223.7	234.1
216	236.0	240.8	245.9	251.3	253.2	256.0	252.4	251.0
240	247.6	239.3	233.9	234.0	234.1	233.5	232.6	232.8
264	155.3	147.7	107.3	110.7	112.7	100.0	88.9	77.6
288	80.6	81.9	84.7	82.7	58.9	61.4	64.5	64.9
312	55.7	59.2	62.2	61.8	49.2	49.5	53.3	55.1
336	45.8	47.2	51.9	64.2	57.6	46.4	49.3	49.3

DEPTH	3079.0		TILT	15		VOS	5961.30	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	64.2	58.7	53.8	49.1	49.0	48.4	46.6	45.3
24	45.9	45.9	58.7	58.4	51.9	61.7	65.5	57.5
48	76.6	72.4	62.7	62.6	74.1	73.8	84.8	85.8
72	198.9	196.4	196.4	197.7	200.3	201.7	202.5	202.7
96	202.7	204.7	207.4	214.9	217.5	212.2	211.0	214.1
120	224.7	229.5	227.1	235.4	224.3	218.0	216.7	212.7
144	211.6	208.1	185.4	182.7	180.5	180.0	187.6	180.0
168	183.6	189.7	190.1	191.9	192.4	195.9	196.8	199.4
192	203.0	205.6	210.5	213.6	216.5	218.7	222.4	231.6
216	235.3	237.8	244.9	247.6	250.2	252.8	254.3	247.6
240	247.3	237.0	233.9	231.9	233.4	232.5	192.6	189.5
264	158.7	137.9	106.7	110.9	84.3	84.5	74.6	76.1
288	78.1	79.7	75.2	79.1	56.9	60.5	62.3	63.0
312	54.3	57.6	59.3	60.0	47.2	48.4	51.6	51.8
336	44.3	46.5	49.9	61.6	52.2	45.5	47.7	46.8

DEPTH	3079.0		TILT	60		VOS	5961.30	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	283.7	282.8	283.3	282.5	280.6	280.2	280.2	280.2
24	281.6	281.5	275.3	276.2	275.8	273.1	278.0	276.2
48	274.0	275.1	274.3	275.2	275.1	275.0	274.6	275.0
72	277.8	277.8	277.2	277.4	276.6	278.6	277.1	278.0
96	276.6	276.2	275.3	275.8	277.1	276.6	277.9	278.9
120	279.1	278.7	279.5	278.6	272.2	270.5	270.0	273.0
144	277.0	277.3	279.7	280.2	272.9	272.6	272.9	278.6
168	278.4	279.2	278.0	277.9	275.3	276.2	276.6	277.1
192	274.9	274.9	275.8	275.8	275.8	276.1	279.3	276.4
216	278.9	278.9	279.7	279.7	279.7	277.9	278.9	278.4
240	280.9	283.4	283.7	284.1	283.1	285.0	283.7	283.7
264	283.7	283.7	283.7	284.1	282.4	281.1	282.4	282.4
288	282.4	284.4	284.8	285.3	287.1	287.4	286.7	284.1
312	286.8	283.3	283.8	285.9	284.6	285.5	285.5	285.5
336	284.1	284.6	283.3	287.7	281.9	283.7	283.4	283.3



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WALL RANGES VS DEPTH

DEPTH	3079.0		TILT	57		VOS	5961.30	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	278.6	280.2	278.2	277.9	275.5	273.0	274.1	272.8
24	271.9	271.0	272.4	272.5	271.2	269.8	271.9	273.8
48	277.9	280.0	280.5	281.1	281.1	282.4	282.4	285.5
72	286.8	286.8	286.8	286.8	284.6	288.1	286.6	287.9
96	287.1	285.0	286.7	288.8	288.8	288.8	286.0	288.8
120	289.1	288.6	288.6	286.8	288.5	285.5	285.0	285.3
144	285.6	286.7	289.6	290.3	285.8	285.7	285.8	288.6
168	288.4	290.3	288.7	289.0	287.1	287.3	279.7	287.7
192	289.9	289.0	289.0	288.1	289.4	291.6	291.7	290.3
216	290.1	289.4	289.4	288.6	289.0	288.6	287.2	290.3
240	291.2	292.5	294.3	293.6	292.0	293.9	294.2	294.8
264	295.2	294.7	291.6	291.6	290.3	294.5	293.6	292.1
288	289.4	289.9	291.6	291.6	288.6	290.7	289.8	289.1
312	290.4	292.2	292.4	292.6	285.7	283.4	277.9	276.6
336	274.8	280.2	282.9	286.8	281.2	277.5	277.2	278.6

DEPTH	3079.0		TILT	54		VOS	5961.30	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	233.7	242.3	251.0	252.7	233.5	241.6	240.8	237.0
24	239.7	242.9	248.5	255.4	256.5	256.3	258.1	259.0
48	261.5	261.7	272.9	268.8	274.9	273.6	276.7	280.1
72	284.4	286.8	287.2	289.9	292.1	294.6	298.7	299.1
96	298.7	293.5	299.6	300.0	301.7	299.7	300.5	300.0
120	300.5	298.0	301.4	301.4	301.5	298.9	300.2	300.5
144	300.8	298.0	300.8	301.8	300.5	300.9	300.9	300.1
168	299.8	303.1	301.1	301.9	300.4	299.8	299.6	299.6
192	300.0	299.1	299.1	300.6	300.0	302.7	298.7	300.9
216	300.9	300.9	299.1	305.6	308.1	305.3	304.9	304.9
240	303.4	304.0	303.4	304.0	303.4	301.1	301.1	304.0
264	303.7	302.2	301.4	301.4	300.0	300.2	283.4	282.1
288	276.9	277.8	277.2	273.7	272.3	271.4	270.2	277.4
312	275.3	277.9	277.4	276.5	233.8	247.6	246.4	250.4
336	252.7	251.6	260.3	265.2	263.8	245.0	239.7	241.5

DEPTH	3079.0		TILT	12		VOS	5961.30	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	63.0	58.0	51.9	47.1	49.0	47.8	45.2	43.7
24	45.0	45.7	57.4	57.2	50.7	50.2	64.0	56.6
48	75.3	72.1	62.3	62.3	72.0	73.3	83.4	215.7
72	217.6	219.1	220.1	225.2	229.0	229.3	220.6	219.0
96	216.5	217.8	217.8	233.5	236.7	233.2	232.5	226.6
120	237.1	228.6	235.0	242.5	242.6	225.0	225.0	222.4
144	238.6	238.3	214.3	212.6	206.1	212.8	213.8	208.9
168	212.2	211.3	210.5	217.0	216.9	201.2	201.7	204.3
192	205.6	208.3	211.8	213.6	215.8	217.1	223.7	229.9
216	233.9	238.2	244.6	246.7	249.7	254.2	251.1	254.2
240	246.7	240.5	240.1	239.0	238.3	236.9	224.2	185.2
264	152.5	126.2	106.1	109.5	83.4	83.4	74.4	74.2
288	77.7	71.5	73.1	72.5	56.5	60.1	60.4	61.7
312	53.0	55.2	54.1	56.6	46.3	47.5	50.0	49.5
336	43.5	43.7	48.5	56.7	51.3	45.1	46.8	46.4



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**WALL RANGES VS DEPTH**

DEPTH	3079.0		TILT	11		VOS	5961.30	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	62.3	56.9	51.2	46.8	48.9	46.8	44.2	43.3
24	44.9	45.2	56.6	56.6	50.3	49.7	63.6	56.5
48	74.9	71.5	62.7	62.7	71.9	73.3	83.4	216.1
72	220.0	224.2	227.3	229.0	230.8	233.9	233.8	236.6
96	240.9	235.0	245.8	248.9	254.6	245.8	247.0	240.6
120	254.3	233.4	237.3	240.5	240.3	231.6	239.5	237.1
144	257.3	257.2	230.3	227.5	221.9	227.7	228.6	224.3
168	227.3	226.6	225.9	239.2	239.5	217.9	215.0	208.8
192	205.6	208.3	210.5	214.0	215.8	228.4	222.4	232.6
216	233.9	237.7	245.7	247.2	251.5	255.5	254.2	255.0
240	250.2	250.9	251.4	252.6	249.0	239.1	237.2	184.4
264	152.8	126.2	105.5	107.6	83.0	82.1	74.0	73.7
288	76.9	70.9	72.8	71.2	58.5	60.1	60.1	61.3
312	52.9	55.2	53.1	54.7	45.7	47.1	49.6	46.9
336	43.3	43.6	48.0	55.3	51.1	45.0	46.4	46.3

DEPTH	3079.0		TILT	10		VOS	5961.30	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	56.9	56.0	51.2	46.5	48.5	47.1	43.7	42.4
24	44.8	44.9	44.6	56.4	49.9	49.0	63.5	56.3
48	74.3	71.2	64.0	64.9	71.8	73.3	83.2	216.7
72	220.7	227.2	227.2	232.1	232.5	234.3	236.9	241.8
96	242.2	245.8	248.2	250.5	257.2	259.9	263.4	256.6
120	274.3	255.7	257.5	243.6	242.6	249.3	256.0	254.0
144	279.3	279.3	247.4	244.8	240.3	244.9	245.6	242.2
168	244.7	244.4	243.8	266.5	267.4	237.6	230.2	226.6
192	224.1	210.0	226.1	215.8	227.1	242.1	242.8	249.1
216	246.0	258.1	251.3	252.4	256.4	255.9	255.9	269.0
240	263.7	262.2	263.9	267.8	260.8	249.0	248.0	171.8
264	152.2	125.9	105.0	106.9	110.4	81.6	73.6	73.4
288	76.2	69.8	70.6	70.9	60.4	60.1	59.8	60.7
312	52.5	53.8	52.1	53.5	45.1	46.6	49.2	45.2
336	42.7	43.5	47.5	53.1	48.9	44.9	46.1	45.5

DEPTH	3079.0		TILT	9		VOS	5961.30	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	56.1	55.3	51.2	46.2	48.1	46.2	43.3	42.0
24	44.6	44.6	56.0	56.1	49.9	48.6	63.4	56.0
48	73.4	71.2	64.5	66.1	71.8	73.3	83.0	219.9
72	224.3	227.2	229.8	233.3	233.9	235.7	240.1	242.2
96	242.7	245.3	250.1	253.7	257.7	262.5	270.0	274.9
120	277.1	282.8	287.2	264.2	264.2	269.9	274.9	273.5
144	305.3	305.8	267.1	265.1	262.1	265.0	265.4	263.3
168	265.1	265.2	264.9	300.9	302.7	253.8	300.5	247.7
192	241.8	224.9	245.2	245.7	245.5	257.6	257.9	268.3
216	259.9	289.1	263.5	212.0	223.7	224.3	205.6	284.3
240	278.7	275.5	273.2	270.7	268.6	262.5	259.7	171.7
264	152.0	122.1	105.0	104.8	82.5	80.7	73.3	73.3
288	75.9	69.8	70.6	70.9	59.8	60.1	59.5	59.0
312	51.8	53.8	51.4	52.4	44.5	46.4	48.9	44.6
336	42.2	43.3	47.1	51.3	46.9	44.8	45.9	44.6



CUSTOMER : Westlake US 2, LLC
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WALL RANGES VS DEPTH

DEPTH	3079.0		TILT	6		VOS	5961.30	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	52.0	53.2	50.8	45.2	46.3	45.4	43.9	42.1
24	43.7	44.1	44.9	55.0	48.7	48.7	60.9	55.3
48	52.0	70.3	62.7	65.7	71.9	72.4	83.1	84.1
72	230.9	240.1	237.0	237.6	240.4	246.5	253.8	253.0
96	257.0	259.7	262.1	269.2	269.6	270.0	276.6	282.2
120	286.6	290.1	295.9	302.2	307.3	314.0	314.7	314.9
144	309.3	304.0	302.5	296.1	292.3	291.9	292.3	292.3
168	293.6	297.0	299.1	300.6	301.8	303.6	305.0	304.2
192	308.9	314.8	315.6	313.6	309.2	306.2	303.0	299.1
216	296.5	188.5	191.6	192.1	174.0	174.7	181.8	195.6
240	190.1	205.8	207.7	210.3	197.5	193.6	186.9	173.2
264	147.8	106.6	105.2	92.7	81.8	79.6	72.1	72.1
288	75.0	69.1	68.3	62.4	58.6	56.4	53.9	53.7
312	50.7	49.0	49.3	48.8	43.9	45.7	47.3	44.6
336	41.1	42.5	46.3	47.8	46.6	44.9	44.9	42.9

DEPTH	3079.0		TILT	3		VOS	5961.30	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	50.4	50.5	49.7	42.9	45.1	44.7	43.4	41.6
24	43.4	43.7	53.3	53.8	48.7	48.1	60.7	54.7
48	51.2	62.9	61.0	65.8	72.0	72.2	83.2	87.5
72	235.6	240.5	247.9	247.1	249.9	249.5	250.7	256.5
96	262.3	263.3	267.6	271.9	276.9	281.7	283.1	284.5
120	288.5	295.2	295.5	306.8	308.9	312.1	311.3	310.9
144	307.1	301.4	298.3	294.0	290.4	290.3	292.7	294.8
168	295.9	296.7	298.7	299.1	298.7	301.4	301.4	303.2
192	306.9	309.2	319.9	323.1	323.4	320.4	314.6	306.2
216	182.1	182.1	182.1	167.5	169.5	173.0	170.7	165.5
240	161.7	147.7	145.8	158.6	156.3	147.6	147.6	173.8
264	149.5	91.7	89.2	81.0	81.5	72.1	70.8	70.9
288	67.9	63.8	60.1	56.4	53.2	51.3	49.0	48.7
312	47.6	46.3	44.3	43.5	43.9	44.2	44.2	43.6
336	41.1	42.2	44.4	44.4	44.5	43.9	44.6	42.5

DEPTH	3079.3		TILT	0		VOS	5961.30	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	46.7	46.7	48.0	42.5	44.1	43.7	42.8	40.6
24	43.3	43.7	51.2	51.2	48.4	48.6	60.2	57.9
48	51.2	51.3	61.5	65.3	70.9	70.9	82.7	87.5
72	128.7	240.5	247.5	248.3	250.7	254.6	258.9	261.6
96	263.5	268.0	271.1	276.4	279.3	281.8	285.3	289.6
120	290.7	296.3	301.0	306.2	308.1	312.5	311.7	310.5
144	304.2	305.4	305.0	304.2	301.6	301.3	297.1	299.1
168	300.6	307.3	305.0	304.2	308.5	310.1	309.3	316.8
192	319.9	324.6	323.1	322.7	320.3	318.7	191.1	179.5
216	179.1	178.3	161.1	159.0	160.2	151.4	73.6	71.1
240	72.5	73.9	132.0	119.0	124.4	132.4	141.7	149.0
264	151.2	79.1	76.2	76.7	70.9	66.9	62.6	61.8
288	59.8	56.1	51.3	51.4	49.8	48.5	45.6	44.8
312	44.1	43.2	41.3	40.6	41.6	40.8	40.7	38.6
336	41.2	41.1	40.6	40.7	40.5	40.5	43.5	42.2



CUSTOMER : Westlake US 2, LLC
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WALL RANGES VS DEPTH

DEPTH	3084.0		TILT	0		VOS	5961.30	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	39.9	41.0	41.4	41.1	42.6	41.8	41.8	39.5
24	43.3	42.9	45.7	45.7	47.8	47.7	58.1	58.9
48	52.1	51.2	62.2	65.4	69.7	70.1	82.7	88.0
72	127.1	139.7	139.3	136.6	137.4	139.1	259.9	259.9
96	262.6	264.5	266.8	274.4	277.8	281.8	286.9	290.0
120	292.0	298.4	302.4	304.6	309.7	312.1	311.8	310.1
144	305.1	305.0	305.2	302.2	302.6	302.4	297.1	298.7
168	301.0	305.8	305.8	305.4	307.8	311.7	311.2	314.4
192	319.7	322.3	321.8	321.8	182.0	183.9	176.1	174.9
216	171.9	168.8	154.2	64.2	64.3	61.5	62.8	63.0
240	64.0	65.0	66.6	69.1	110.5	107.3	119.1	145.3
264	141.9	79.8	70.5	64.9	59.5	56.9	54.5	52.2
288	49.4	47.1	47.2	46.1	44.7	43.0	39.5	38.9
312	38.0	37.4	36.9	36.7	34.7	34.0	33.7	33.8
336	34.0	34.0	33.3	33.2	33.1	33.3	35.0	37.0

DEPTH	3089.2		TILT	0		VOS	5961.30	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	31.4	31.8	32.1	34.1	35.1	36.4	36.2	37.5
24	40.6	40.7	40.8	40.7	46.7	46.5	56.6	53.0
48	52.7	49.7	61.8	64.0	69.7	69.3	82.4	90.1
72	114.2	125.7	139.9	137.4	136.0	17.4	17.3	17.9
96	18.1	18.2	16.3	17.9	80.8	278.1	282.6	289.5
120	292.0	297.9	303.8	303.2	307.7	312.8	310.9	310.5
144	305.4	305.0	305.0	301.8	302.2	300.3	298.3	299.9
168	303.4	303.8	306.9	304.6	306.6	311.7	311.7	312.5
192	316.1	52.0	48.0	45.7	45.2	43.8	43.2	41.1
216	39.6	30.0	43.4	44.3	43.7	49.1	49.9	46.6
240	43.6	45.4	43.6	43.2	43.6	71.0	88.5	115.7
264	138.8	76.7	54.8	52.8	51.5	13.2	12.8	14.7
288	14.1	11.3	11.3	11.0	35.0	32.4	33.1	32.9
312	31.2	30.3	29.6	27.8	27.5	27.4	26.9	26.6
336	26.2	26.2	26.0	26.0	26.1	26.5	26.7	27.9

DEPTH	3094.0		TILT	0		VOS	5961.30	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	22.1	22.5	24.8	25.8	24.1	23.7	23.7	25.1
24	24.8	32.9	35.6	36.4	41.7	43.1	46.3	50.6
48	51.6	50.3	61.2	64.3	68.8	70.5	16.4	12.7
72	12.3	12.3	12.4	12.7	11.1	11.1	11.1	11.1
96	18.3	20.9	13.8	13.8	21.1	20.5	280.0	286.9
120	290.8	296.0	301.6	301.9	304.6	303.8	303.0	305.1
144	301.3	301.3	303.6	302.2	15.5	15.0	15.0	15.0
168	15.2	15.4	15.4	297.0	296.3	309.8	311.7	26.0
192	43.4	42.1	42.0	29.6	32.8	31.4	29.4	28.0
216	27.8	27.6	8.8	7.8	7.6	7.4	29.7	7.9
240	7.9	7.5	7.9	7.9	6.2	6.2	6.2	6.2
264	6.2	6.2	-1e+06	6.2	-1e+06	6.2	-1e+06	8.3
288	8.7	9.5	9.9	11.1	11.8	11.8	11.0	11.0
312	22.3	22.1	21.9	21.2	21.7	22.1	22.1	21.7
336	21.3	21.3	20.9	20.9	21.3	21.3	21.3	21.7



CUSTOMER : Westlake US 2, LLC
DATE : April 22, 2025

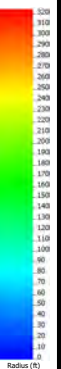
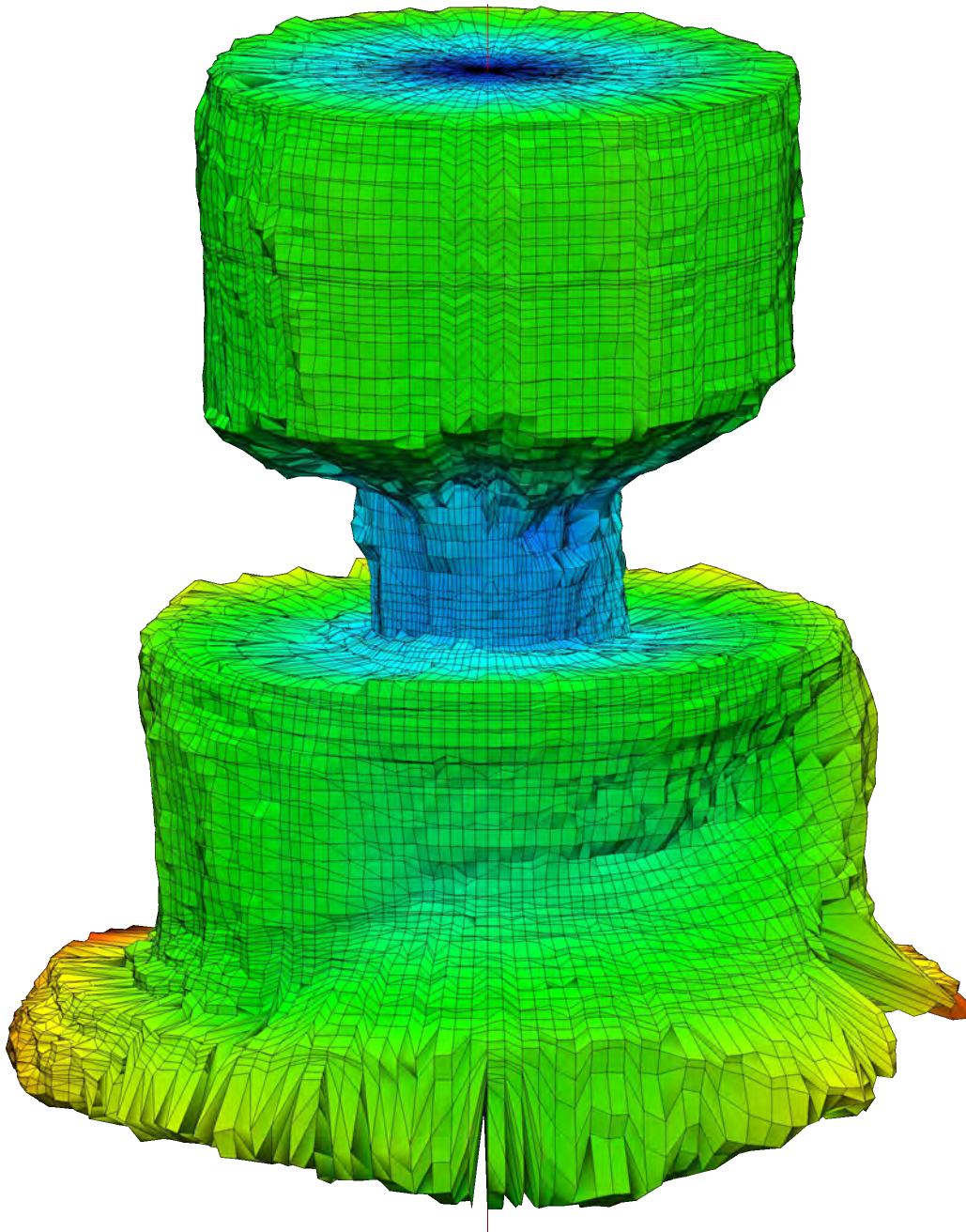
CAVERN : PPG No. 007B
OPERATION No. : 11



VIEW FROM NORTH

with an overhang of 10°

SCALE 1/100





CUSTOMER : Westlake US 2, LLC
DATE : April 22, 2025

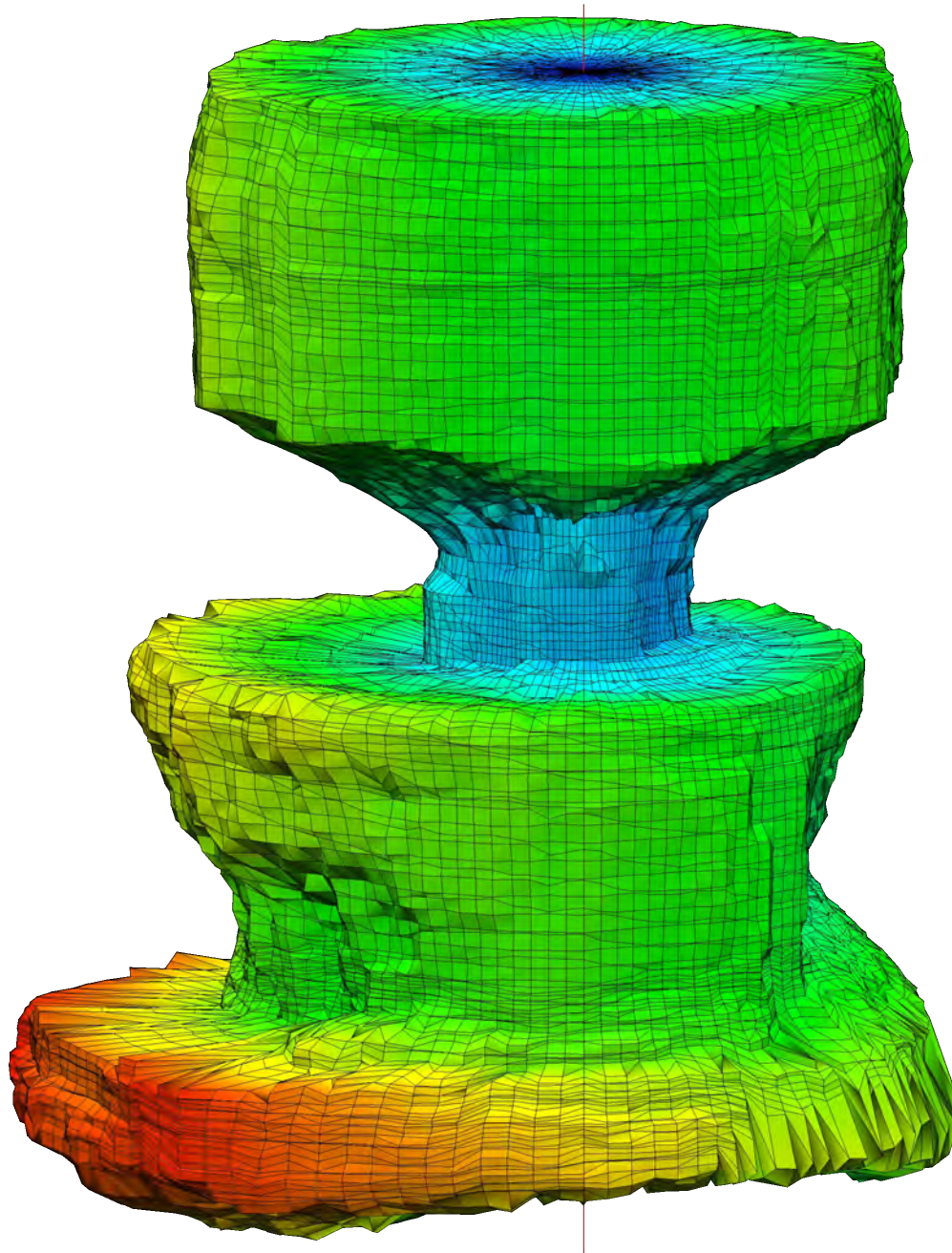
CAVERN : PPG No. 007B
OPERATION No. : 11



VIEW FROM EAST

with an overhang of 10°

SCALE 1/100





CUSTOMER : Westlake US 2, LLC
DATE : April 22, 2025

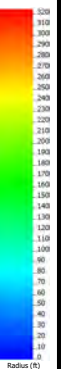
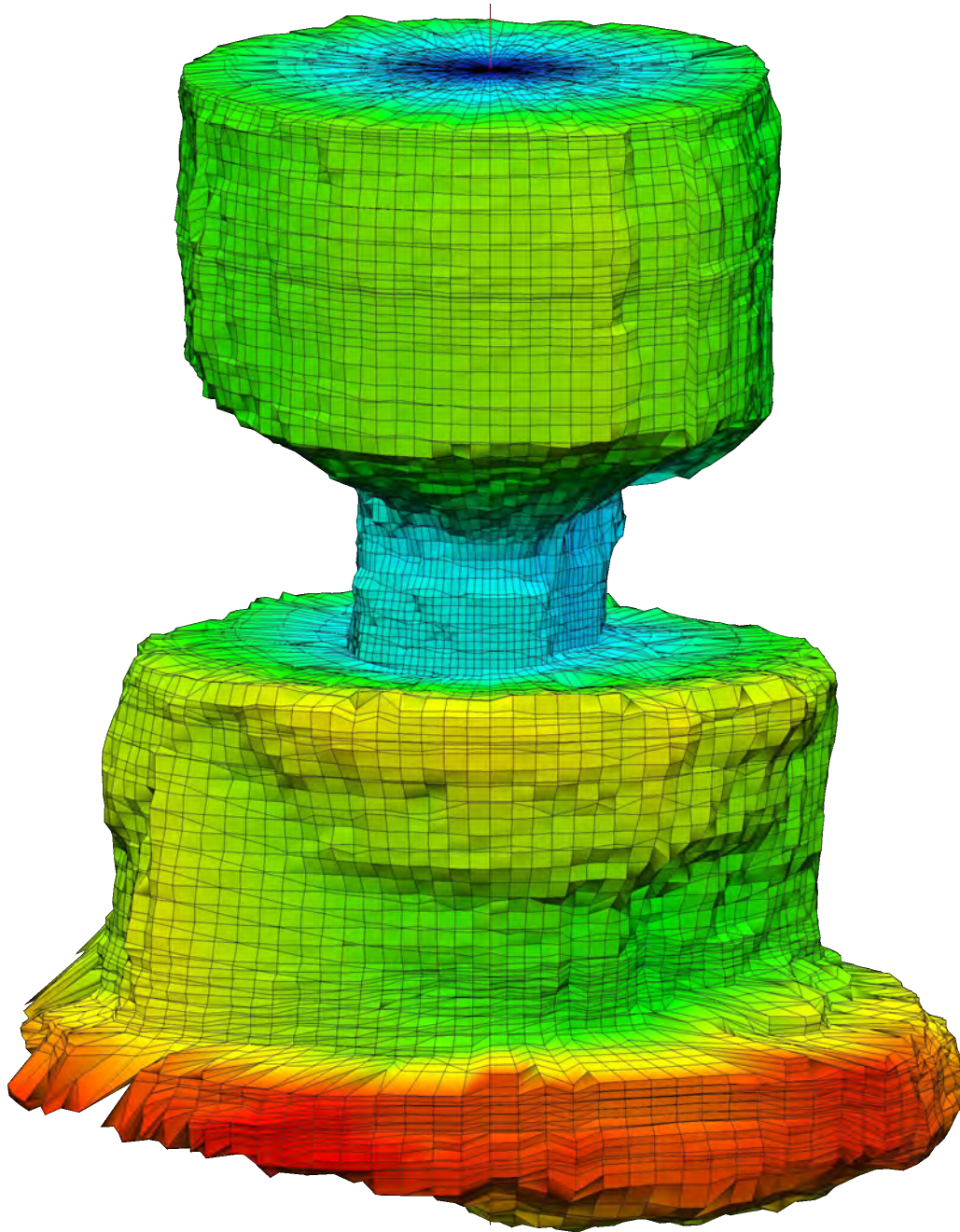
CAVERN : PPG No. 007B
OPERATION No. : 11



VIEW FROM SOUTH

with an overhang of 10°

SCALE 1/100





CUSTOMER : Westlake US 2, LLC
 DATE : April 22, 2025

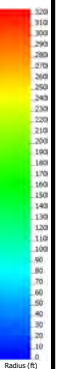
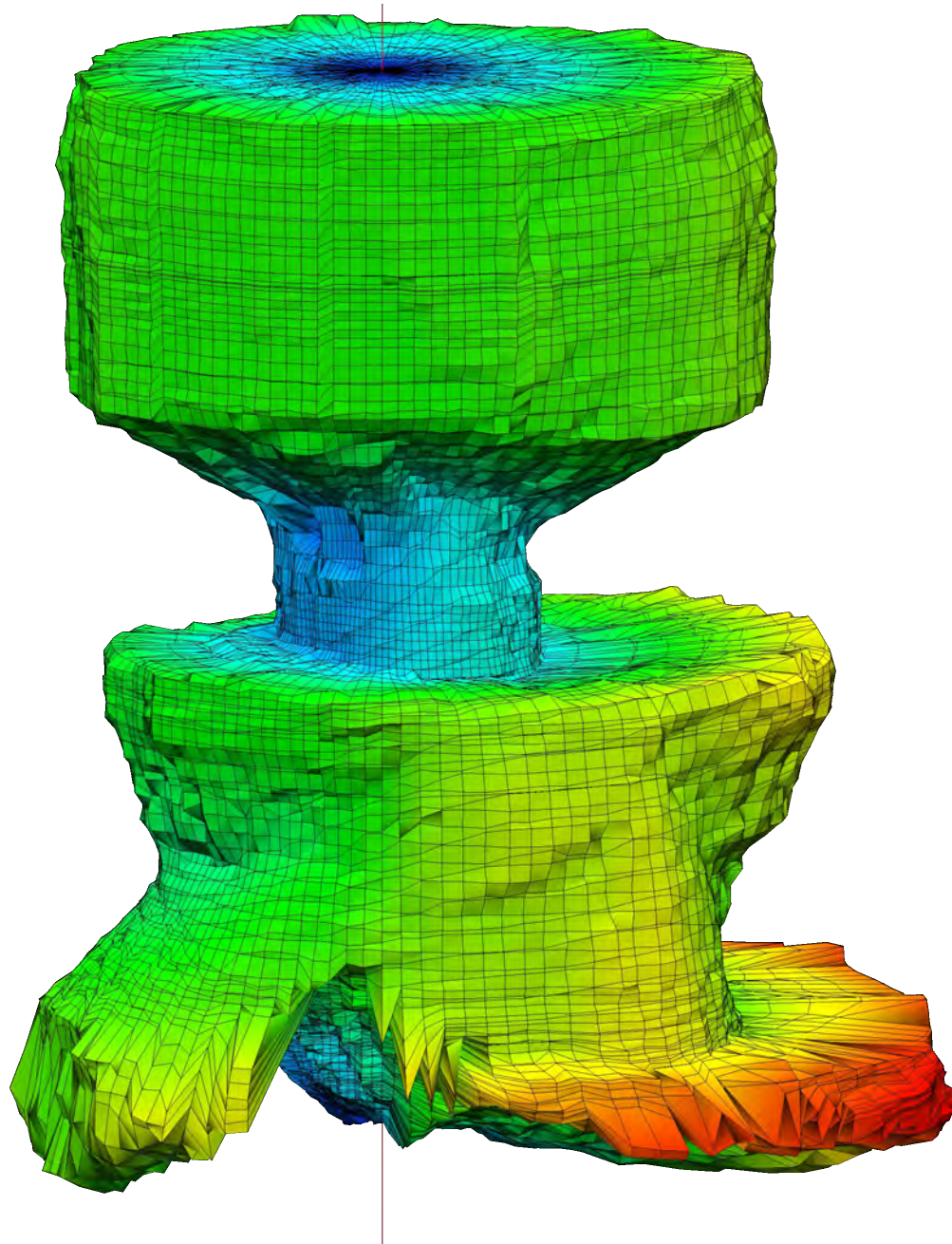
CAVERN : PPG No. 007B
 OPERATION No. : 11



VIEW FROM WEST

with an overhang of 10°

SCALE 1/100





CUSTOMER : Westlake US 2, LLC
DATE : April 22, 2025

CAVERN : PPG No. 007B
OPERATION No. : 11



VIEW FROM NORTH

2380 ft

SCALE 1/100

2480 ft

2580 ft

2680 ft

2780 ft

Depth (MD)

2880 ft

2980 ft

3080 ft

3180 ft

3280 ft

- ▲ Casing 9-5/8" at 1886 ft (MD)
- ▲ Casing 7-5/8" at 2501 ft (MD)
- ▲ Casing 5-1/2" at 2607 ft (MD)

T.D. @ 3097.3 ft (MD)

300 ft

200 ft

100 ft

0 ft

100 ft

200 ft

300 ft





CUSTOMER : Westlake US 2, LLC
DATE : April 22, 2025

CAVERN : PPG No. 007B
OPERATION No. : 11



VIEW FROM EAST

2380 ft

SCALE 1/100

2480 ft

2580 ft

2680 ft

2780 ft

Depth (MD)

2880 ft

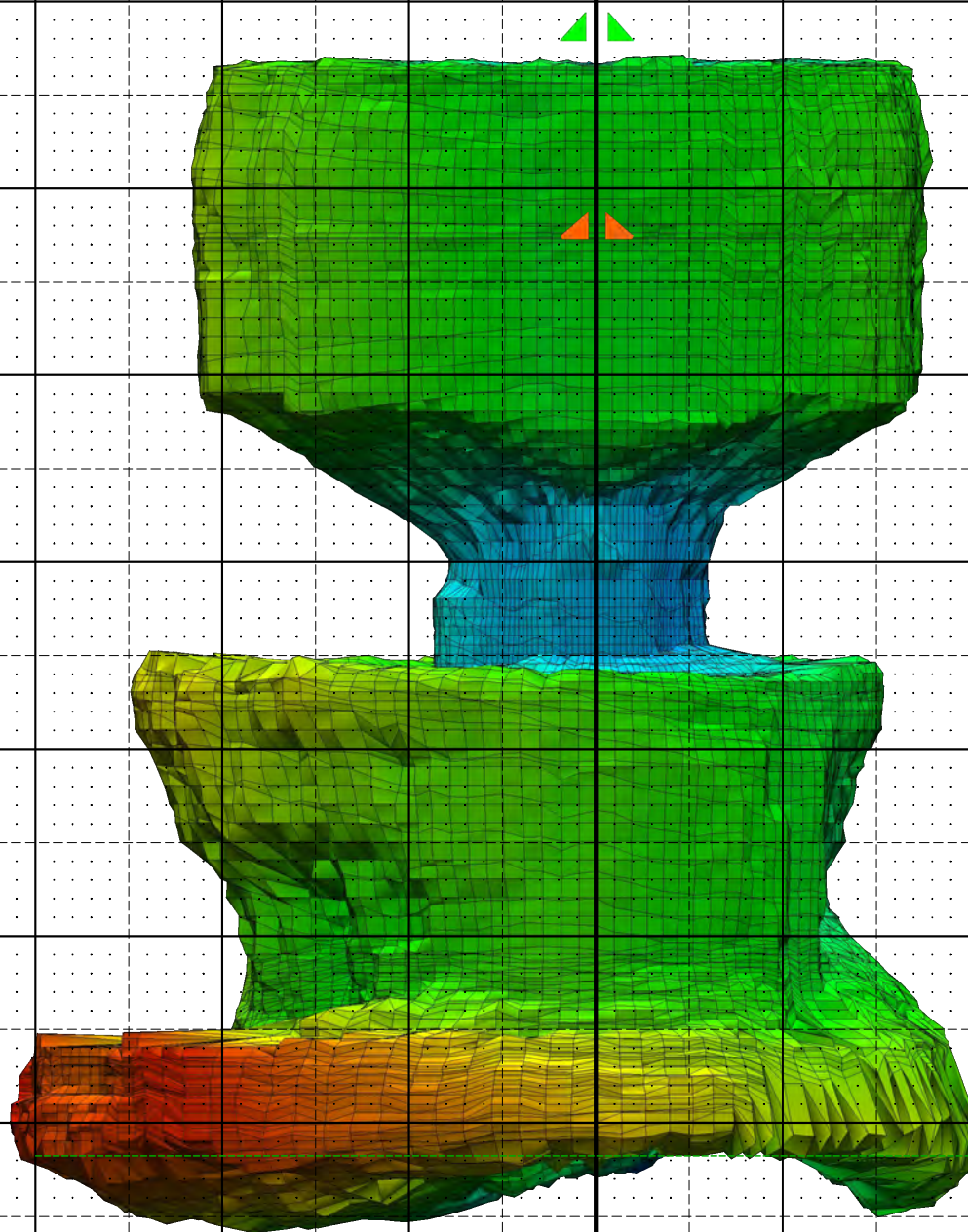
2980 ft

3080 ft

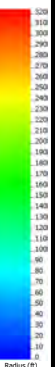
3180 ft

3280 ft

- ▲ Casing 9-5/8" at 1886 ft (MD)
- ▲ Casing 7-5/8" at 2501 ft (MD)
- ▲ Casing 5-1/2" at 2607 ft (MD)



T.D. @ 3097.3 ft (MD)





CUSTOMER : Westlake US 2, LLC
DATE : April 22, 2025

CAVERN : PPG No. 007B
OPERATION No. : 11



VIEW FROM SOUTH

2380 ft

SCALE 1/100

2480 ft

2580 ft

2680 ft

2780 ft

Depth (MD)

2880 ft

2980 ft

3080 ft

T.D. @ 3097.3 ft (MD)

3180 ft

3280 ft

300 ft

200 ft

100 ft

0 ft

100 ft

200 ft

300 ft

- ▲ Casing 9-5/8" at 1886 ft (MD)
- ▲ Casing 7-5/8" at 2501 ft (MD)
- ▲ Casing 5-1/2" at 2607 ft (MD)





CUSTOMER : Westlake US 2, LLC
DATE : April 22, 2025

CAVERN : PPG No. 007B
OPERATION No. : 11



VIEW FROM WEST

2380 ft

SCALE 1/100

2480 ft

2580 ft

2680 ft

2780 ft

Depth (MD)

2880 ft

2980 ft

3080 ft

T.D. @ 3097.3 ft (MD)

3180 ft

3280 ft

300 ft

200 ft

100 ft

0 ft

100 ft

200 ft

300 ft

- ▲ Casing 9-5/8" at 1886 ft (MD)
- ▲ Casing 7-5/8" at 2501 ft (MD)
- ▲ Casing 5-1/2" at 2607 ft (MD)

