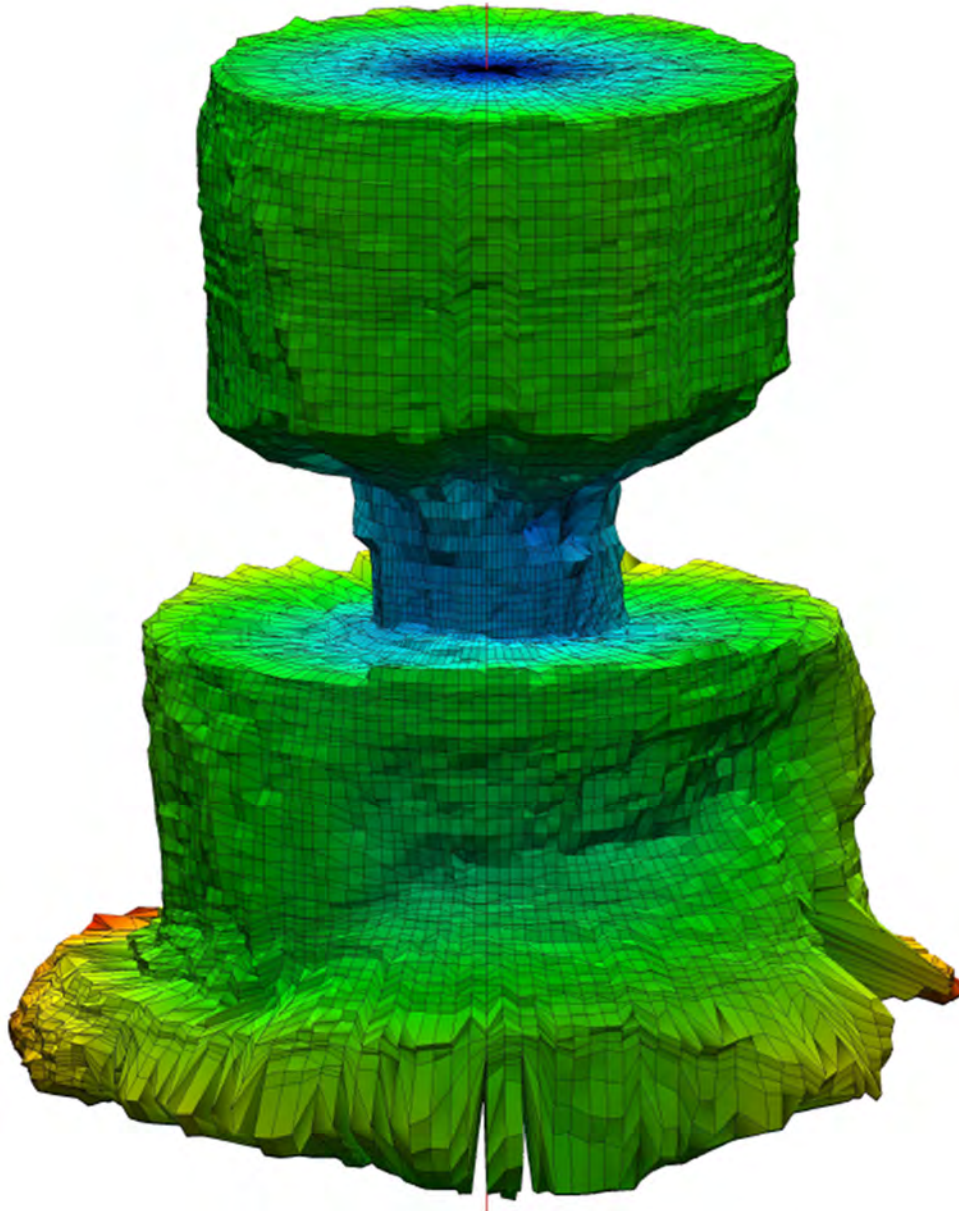


Westlake US 2, LLC W1039)
PPG No. 007B
Sulphur Mines (8759)
Calcasieu Parish, LA
August 5, 2025
Through Pipe Sonar Survey



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

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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: 9-5/8 in. @ 1886 ft.
Cemented Casing: 7-5/8 in. @ 2501 ft.
Hanging String: 5-1/2 in. @ 2607 ft.
Total Depth: 3097.73 ft.

Permanent Datum: Zero @ B.H.F.
Depth Correction: -3 ft.

Total Volume BBL: 9,862,756.50
Total Volume Ft3: 55,375,268.0

Sonar Tool Orientation:

Sonar tool serial number SON-073-039 magnetic compass calibration was performed on July 25, 2025.

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
Operation No. 12 – Sonic Surveys / Flodim – 2025.08.05 – Through Pipe Sonar Survey

List of Acquired Measurements

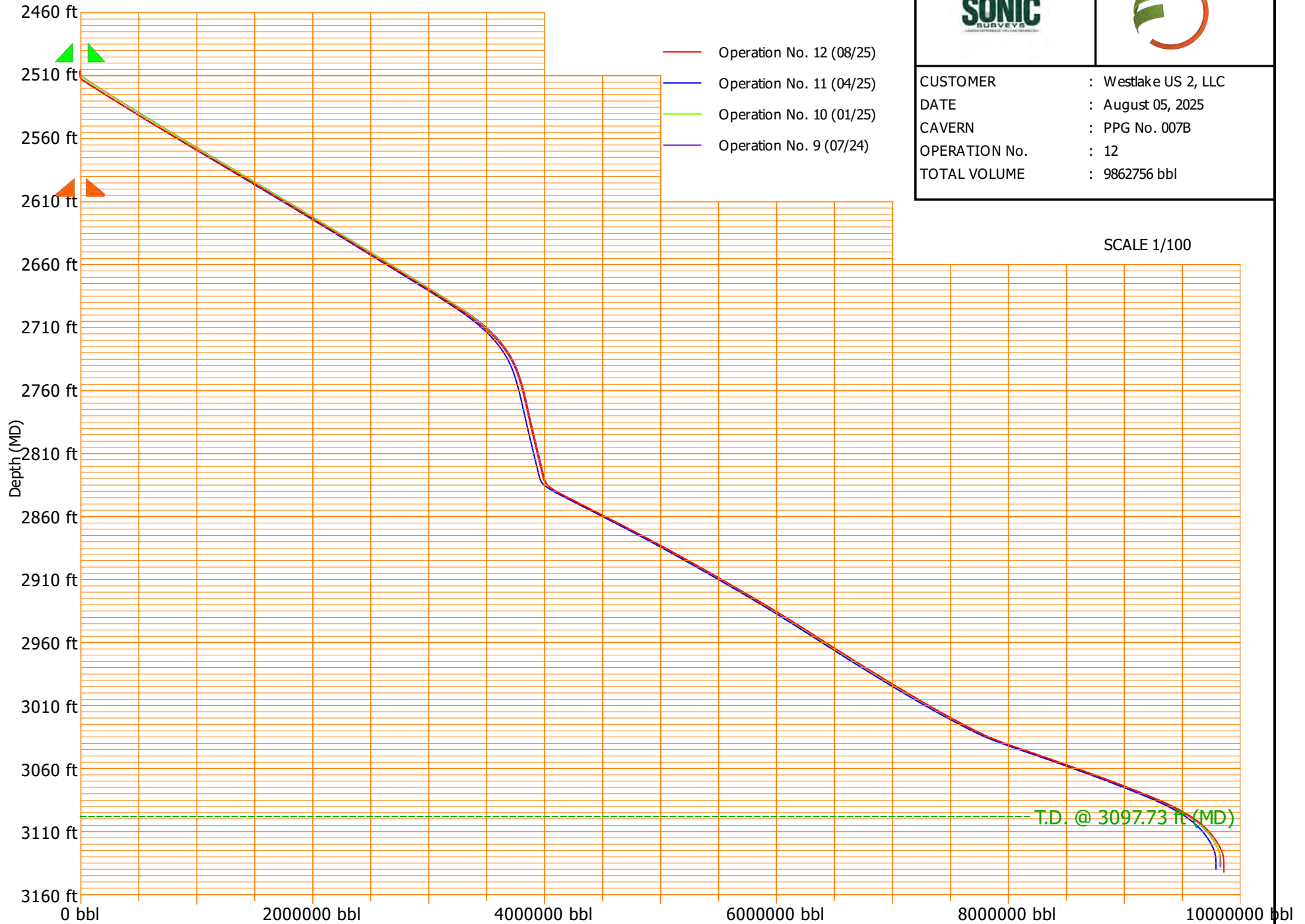
Sonar Survey from 2501 ft. to 3095 ft.

- Orientation circular horizontal sections from 2501 ft to 2505 ft, with a step of 4 feet.
- Orientation circular horizontal sections from 2505 ft to 2510 ft, with a step of 5 feet.
- Orientation circular horizontal sections from 2510 ft to 2520 ft, with a step of 2 feet.
- Orientation circular horizontal sections from 2520 ft to 2540 ft, with a step of 5 feet.
- Orientation circular horizontal sections from 2540 ft to 2600 ft, with a step of 10 feet.
- Orientation circular horizontal sections from 2600 ft to 2640 ft, with a step of 5 feet.
- Orientation circular horizontal sections from 2640 ft to 2800 ft, with a step of 10 feet.
- Orientation circular horizontal sections from 2800 ft to 2860 ft, with a step of 5 feet.
- Orientation circular horizontal sections from 2860 ft to 2990 ft, with a step of 10 feet.
- Orientation circular horizontal sections from 2990 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°, 32°, 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.
- Up-tilted oriented circular sections from 2900 ft with a tilt of 27°, 30°, 33°, 36°, 39°, 42°, 45°, 48°, 51°, 54°, 55° with respect to the horizontal.
- Down-tilted oriented circular sections from 2900 ft with a tilt of -62°, -59°, -57°, -54°, -51°, -47°, -44°, -41°, -38°, -37°, -36°, -35°, -34°, -33°, -32°, -31°, -30°, -29°, -28°, -26° with respect to the horizontal.
- Up-tilted oriented circular sections from 2920 ft with a tilt of 10°, 16°, 21°, 26°, 31°, 36°, 41°, 46°, 51°, 55°, 60°, 65°, 70°, 75°, 80°, 85° with respect to the horizontal.
- Down-tilted oriented circular sections from 3035 ft with a tilt of -42°, -39°, -36°, -33°, -30°, -27°, -24°, -21°, -18°, -15°, -12°, -9°, -6°, -5°, -4°, -3°, -2° 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° with respect to the horizontal.
- Up-tilted oriented circular sections from 3080 ft with a tilt of 3°, 6°, 7°, 8°, 9°, 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)



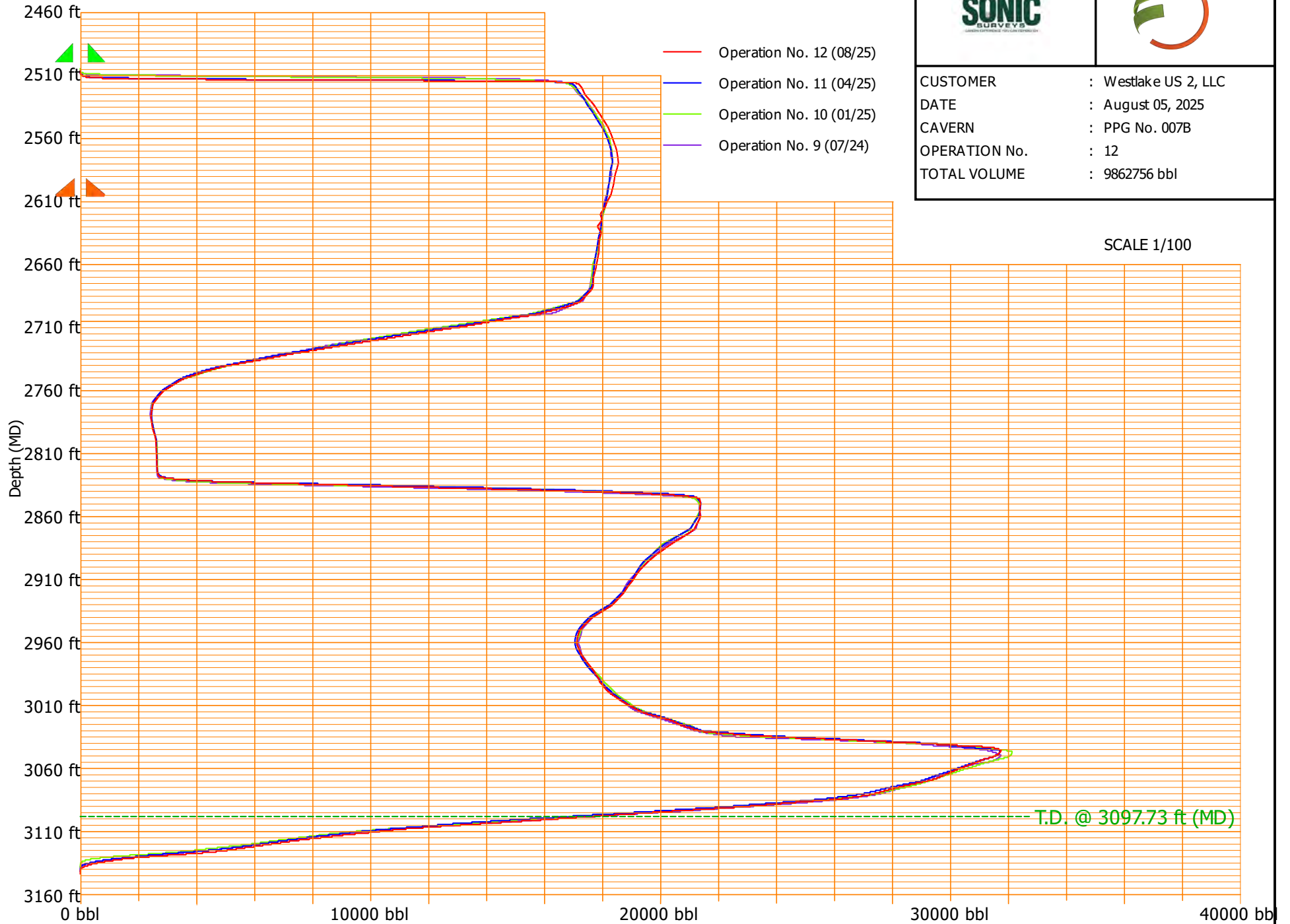
CUSTOMER	: Westlake US 2, LLC
DATE	: August 05, 2025
CAVERN	: PPG No. 007B
OPERATION No.	: 12
TOTAL VOLUME	: 9862756 bbl



PARTIAL VOLUME (bbbl) VERSUS DEPTH EACH 1 ft



CUSTOMER	: Westlake US 2, LLC
DATE	: August 05, 2025
CAVERN	: PPG No. 007B
OPERATION No.	: 12
TOTAL VOLUME	: 9862756 bbl





CUSTOMER : Westlake US 2, LLC

CAVERN : PPG No. 007B

DATE : August 05, 2025

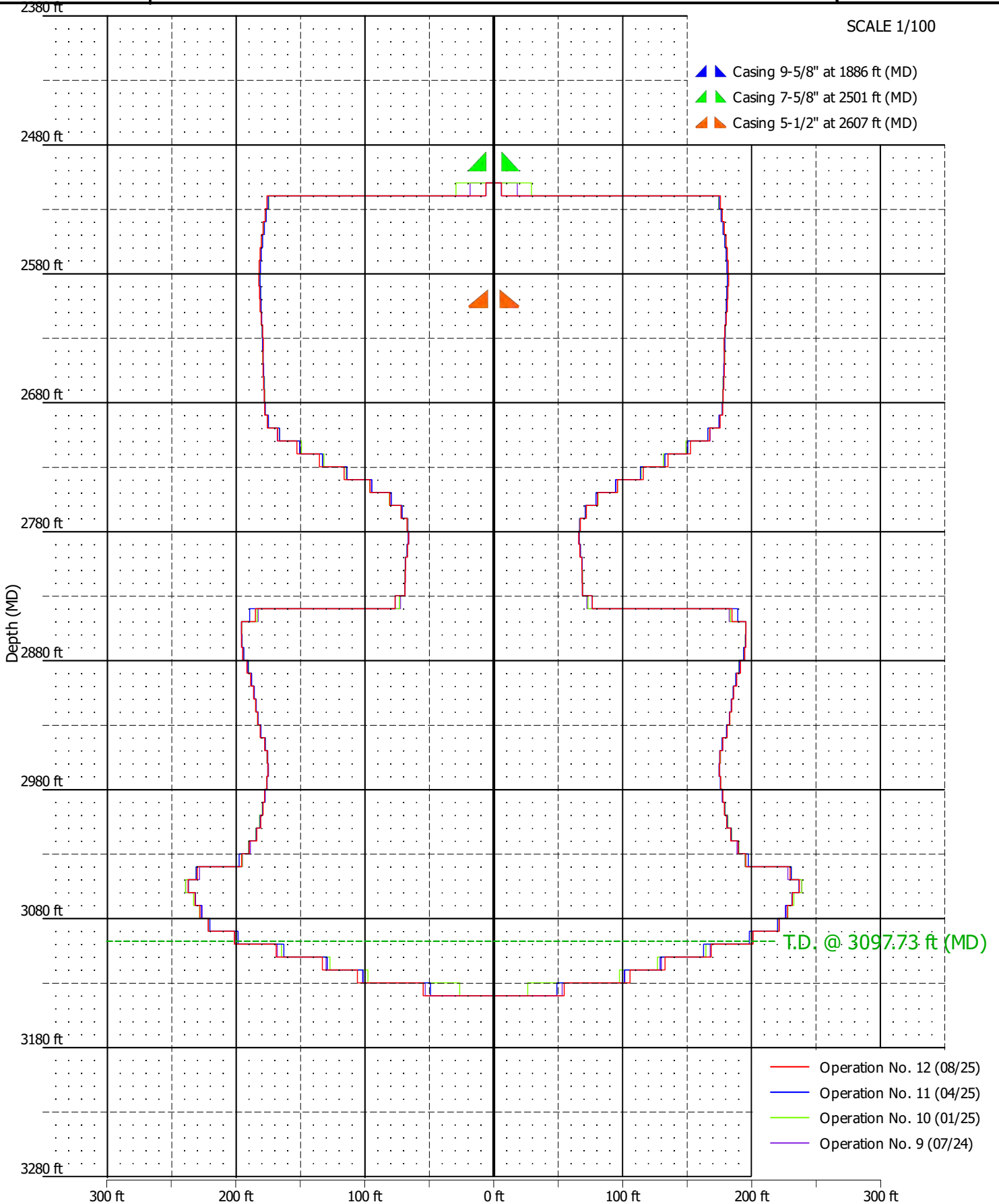
OPERATION No. : 12



MEAN RADIUS



SCALE 1/100





CUSTOMER : Westlake US 2, LLC
 DATE : August 05, 2025

CAVERN : PPG No. 007B
 OPERATION No. : 12

2



MAIN CHARACTERISTICS DATASHEET

Depth (ft)	Cumulated Volume (bbl)	Volume Section (bbl)	Section Area (ft²)	Mean Radius (ft)	Mean Diameter (ft)	Min Radius (ft)	Max Radius (ft)	Max Radius Orientation (°)	Min Diameter (ft)	Max Diameter (ft)	Max Diam. Orientation (°)
2545.00	543911.27	18016.83	-	-	-	-	-	-	-	-	-
2546.00	561955.60	18044.32	-	-	-	-	-	-	-	-	-
2547.00	580027.68	18072.08	-	-	-	-	-	-	-	-	-
2548.00	598127.44	18099.76	-	-	-	-	-	-	-	-	-
2549.00	616254.99	18127.54	-	-	-	-	-	-	-	-	-
2550.00	634410.22	18155.23	101965.56	180.16	360.31	157.02	217.91	165.00	328.14	392.31	165.00
2551.00	652591.93	18181.71	-	-	-	-	-	-	-	-	-
2552.00	670797.73	18205.79	-	-	-	-	-	-	-	-	-
2553.00	689024.02	18226.29	-	-	-	-	-	-	-	-	-
2554.00	707268.88	18244.86	-	-	-	-	-	-	-	-	-
2555.00	725532.74	18263.85	-	-	-	-	-	-	-	-	-
2556.00	743815.29	18282.55	-	-	-	-	-	-	-	-	-
2557.00	762115.86	18300.57	-	-	-	-	-	-	-	-	-
2558.00	780433.55	18317.69	-	-	-	-	-	-	-	-	-
2559.00	798767.55	18334.00	-	-	-	-	-	-	-	-	-
2560.00	817117.85	18350.30	103046.86	181.11	362.22	157.13	220.00	165.00	329.42	394.99	165.00
2561.00	835483.01	18365.16	-	-	-	-	-	-	-	-	-
2562.00	853862.40	18379.39	-	-	-	-	-	-	-	-	-
2563.00	872256.52	18394.13	-	-	-	-	-	-	-	-	-
2564.00	890666.29	18409.76	-	-	-	-	-	-	-	-	-
2565.00	909091.90	18425.61	-	-	-	-	-	-	-	-	-
2566.00	927533.73	18441.83	-	-	-	-	-	-	-	-	-
2567.00	945991.59	18457.86	-	-	-	-	-	-	-	-	-
2568.00	964464.73	18473.14	-	-	-	-	-	-	-	-	-
2569.00	982951.04	18486.31	-	-	-	-	-	-	-	-	-
2570.00	1001449.99	18498.95	103882.47	181.84	363.69	158.22	221.81	168.00	329.63	397.08	168.00
2571.00	1019956.61	18506.62	-	-	-	-	-	-	-	-	-
2572.00	1038470.12	18513.51	-	-	-	-	-	-	-	-	-
2573.00	1056990.94	18520.82	-	-	-	-	-	-	-	-	-
2574.00	1075518.75	18527.81	-	-	-	-	-	-	-	-	-
2575.00	1094053.57	18534.82	-	-	-	-	-	-	-	-	-
2576.00	1112595.16	18541.59	-	-	-	-	-	-	-	-	-
2577.00	1131141.59	18546.43	-	-	-	-	-	-	-	-	-
2578.00	1149692.38	18550.79	-	-	-	-	-	-	-	-	-
2579.00	1168248.00	18555.62	-	-	-	-	-	-	-	-	-
2580.00	1186808.03	18560.03	104213.08	182.13	364.26	158.88	223.55	165.00	330.57	398.24	165.00



CUSTOMER : Westlake US 2, LLC
 DATE : August 05, 2025

CAVERN : PPG No. 007B
 OPERATION No. : 12

7



MAIN CHARACTERISTICS DATASHEET

Depth (ft)	Cumulated Volume (bbl)	Volume Section (bbl)	Section Area (ft ²)	Mean Radius (ft)	Mean Diameter (ft)	Min Radius (ft)	Max Radius (ft)	Max Radius Orientation (°)	Min Diameter (ft)	Max Diameter (ft)	Max Diam. Orientation (°)
2725.00	3633949.85	8940.85	-	-	-	-	-	-	-	-	-
2726.00	3642624.25	8674.40	-	-	-	-	-	-	-	-	-
2727.00	3651031.84	8407.59	-	-	-	-	-	-	-	-	-
2728.00	3659177.25	8145.41	-	-	-	-	-	-	-	-	-
2729.00	3667064.47	7887.21	-	-	-	-	-	-	-	-	-
2730.00	3674666.59	7602.12	42246.48	115.96	231.93	82.45	151.77	189.00	177.32	257.42	21.00
2731.00	3682005.58	7339.00	-	-	-	-	-	-	-	-	-
2732.00	3689113.15	7107.57	-	-	-	-	-	-	-	-	-
2733.00	3696000.18	6887.03	-	-	-	-	-	-	-	-	-
2734.00	3702666.45	6666.27	-	-	-	-	-	-	-	-	-
2735.00	3709107.76	6441.31	-	-	-	-	-	-	-	-	-
2736.00	3715313.85	6206.09	-	-	-	-	-	-	-	-	-
2737.00	3721267.35	5953.50	-	-	-	-	-	-	-	-	-
2738.00	3726969.03	5701.69	-	-	-	-	-	-	-	-	-
2739.00	3732430.89	5461.86	-	-	-	-	-	-	-	-	-
2740.00	3737643.82	5212.93	28938.80	95.98	191.95	64.72	135.60	177.00	148.78	223.78	162.00
2741.00	3742630.99	4987.17	-	-	-	-	-	-	-	-	-
2742.00	3747436.44	4805.45	-	-	-	-	-	-	-	-	-
2743.00	3752078.52	4642.08	-	-	-	-	-	-	-	-	-
2744.00	3756565.69	4487.17	-	-	-	-	-	-	-	-	-
2745.00	3760906.19	4340.50	-	-	-	-	-	-	-	-	-
2746.00	3765110.75	4204.56	-	-	-	-	-	-	-	-	-
2747.00	3769181.17	4070.42	-	-	-	-	-	-	-	-	-
2748.00	3773121.25	3940.07	-	-	-	-	-	-	-	-	-
2749.00	3776932.07	3810.82	-	-	-	-	-	-	-	-	-
2750.00	3780606.16	3674.09	20404.29	80.59	161.18	50.55	116.82	186.00	123.80	185.96	12.00
2751.00	3784167.48	3561.32	-	-	-	-	-	-	-	-	-
2752.00	3787638.31	3470.83	-	-	-	-	-	-	-	-	-
2753.00	3791033.28	3394.97	-	-	-	-	-	-	-	-	-
2754.00	3794356.96	3323.68	-	-	-	-	-	-	-	-	-
2755.00	3797610.73	3253.77	-	-	-	-	-	-	-	-	-
2756.00	3800793.95	3183.22	-	-	-	-	-	-	-	-	-
2757.00	3803907.37	3113.42	-	-	-	-	-	-	-	-	-
2758.00	3806951.55	3044.18	-	-	-	-	-	-	-	-	-
2759.00	3809926.57	2975.02	-	-	-	-	-	-	-	-	-
2760.00	3812833.87	2907.30	16222.50	71.86	143.72	41.18	101.04	186.00	109.51	164.38	6.00



CUSTOMER : Westlake US 2, LLC
 DATE : August 05, 2025

CAVERN : PPG No. 007B
 OPERATION No. : 12

12



MAIN CHARACTERISTICS DATASHEET

Depth (ft)	Cumulated Volume (bbl)	Volume Section (bbl)	Section Area (ft²)	Mean Radius (ft)	Mean Diameter (ft)	Min Radius (ft)	Max Radius (ft)	Max Radius Orientation (°)	Min Diameter (ft)	Max Diameter (ft)	Max Diam. Orientation (°)
2905.00	5432550.68	19208.82	-	-	-	-	-	-	-	-	-
2906.00	5451727.99	19177.31	-	-	-	-	-	-	-	-	-
2907.00	5470876.20	19148.21	-	-	-	-	-	-	-	-	-
2908.00	5489996.49	19120.29	-	-	-	-	-	-	-	-	-
2909.00	5509089.73	19093.24	-	-	-	-	-	-	-	-	-
2910.00	5528156.47	19066.74	107025.57	184.57	369.15	131.07	235.29	231.00	334.46	401.33	63.00
2911.00	5547190.13	19033.66	-	-	-	-	-	-	-	-	-
2912.00	5566186.62	18996.49	-	-	-	-	-	-	-	-	-
2913.00	5585146.23	18959.61	-	-	-	-	-	-	-	-	-
2914.00	5604070.70	18924.47	-	-	-	-	-	-	-	-	-
2915.00	5622962.58	18891.88	-	-	-	-	-	-	-	-	-
2916.00	5641824.19	18861.61	-	-	-	-	-	-	-	-	-
2917.00	5660656.74	18832.56	-	-	-	-	-	-	-	-	-
2918.00	5679461.46	18804.72	-	-	-	-	-	-	-	-	-
2919.00	5698239.00	18777.54	-	-	-	-	-	-	-	-	-
2920.00	5716988.62	18749.62	105225.58	183.01	366.03	130.21	234.10	234.00	330.65	399.45	69.00
2921.00	5735703.39	18714.77	-	-	-	-	-	-	-	-	-
2922.00	5754376.62	18673.23	-	-	-	-	-	-	-	-	-
2923.00	5773009.01	18632.39	-	-	-	-	-	-	-	-	-
2924.00	5791601.42	18592.41	-	-	-	-	-	-	-	-	-
2925.00	5810154.02	18552.59	-	-	-	-	-	-	-	-	-
2926.00	5828666.40	18512.38	-	-	-	-	-	-	-	-	-
2927.00	5847136.93	18470.53	-	-	-	-	-	-	-	-	-
2928.00	5865564.20	18427.27	-	-	-	-	-	-	-	-	-
2929.00	5883948.05	18383.85	-	-	-	-	-	-	-	-	-
2930.00	5902289.50	18341.45	102921.71	181.00	362.00	126.43	235.73	234.00	320.29	398.56	72.00
2931.00	5920569.13	18279.63	-	-	-	-	-	-	-	-	-
2932.00	5938775.34	18206.21	-	-	-	-	-	-	-	-	-
2933.00	5956908.23	18132.88	-	-	-	-	-	-	-	-	-
2934.00	5974968.25	18060.02	-	-	-	-	-	-	-	-	-
2935.00	5992956.35	17988.10	-	-	-	-	-	-	-	-	-
2936.00	6010873.55	17917.21	-	-	-	-	-	-	-	-	-
2937.00	6028720.98	17847.43	-	-	-	-	-	-	-	-	-
2938.00	6046499.91	17778.93	-	-	-	-	-	-	-	-	-
2939.00	6064212.40	17712.49	-	-	-	-	-	-	-	-	-
2940.00	6081860.87	17648.46	98989.87	177.51	355.02	119.74	236.08	234.00	303.99	397.80	54.00



CUSTOMER : Westlake US 2, LLC
 DATE : August 05, 2025

CAVERN : PPG No. 007B
 OPERATION No. : 12

17



MAIN CHARACTERISTICS DATASHEET

Depth (ft)	Cumulated Volume (bbl)	Volume Section (bbl)	Section Area (ft ²)	Mean Radius (ft)	Mean Diameter (ft)	Min Radius (ft)	Max Radius (ft)	Max Radius Orientation (°)	Min Diameter (ft)	Max Diameter (ft)	Max Diam. Orientation (°)
3085.00	9308747.89	25272.56	-	-	-	-	-	-	-	-	-
3086.00	9333429.49	24681.61	-	-	-	-	-	-	-	-	-
3087.00	9357602.14	24172.64	-	-	-	-	-	-	-	-	-
3088.00	9381259.82	23657.68	-	-	-	-	-	-	-	-	-
3089.00	9404377.67	23117.85	-	-	-	-	-	-	-	-	-
3090.00	9426932.46	22554.79	126879.46	201.07	402.13	11.17	317.20	192.00	277.00	536.84	135.00
3091.00	9448805.54	21873.08	-	-	-	-	-	-	-	-	-
3092.00	9469945.80	21140.26	-	-	-	-	-	-	-	-	-
3093.00	9490361.20	20415.40	-	-	-	-	-	-	-	-	-
3094.00	9510105.59	19744.39	-	-	-	-	-	-	-	-	-
3095.00	9529230.83	19125.24	-	-	-	-	-	-	-	-	-
3096.00	9547668.81	18437.99	-	-	-	-	-	-	-	-	-
3097.00	9565411.61	17742.79	-	-	-	-	-	-	-	-	-
3098.00	9582514.77	17103.16	-	-	-	-	-	-	-	-	-
3099.00	9598997.59	16482.82	-	-	-	-	-	-	-	-	-
3100.00	9614877.98	15880.39	88364.11	168.62	337.23	3.37	309.38	183.00	-	-	-
3101.00	9630099.27	15221.29	-	-	-	-	-	-	-	-	-
3102.00	9644614.85	14515.59	-	-	-	-	-	-	-	-	-
3103.00	9658420.17	13805.32	-	-	-	-	-	-	-	-	-
3104.00	9671536.60	13116.42	-	-	-	-	-	-	-	-	-
3105.00	9683972.70	12436.10	-	-	-	-	-	-	-	-	-
3106.00	9695795.57	11822.87	-	-	-	-	-	-	-	-	-
3107.00	9707030.29	11234.73	-	-	-	-	-	-	-	-	-
3108.00	9717809.42	10779.13	-	-	-	-	-	-	-	-	-
3109.00	9728141.07	10331.64	-	-	-	-	-	-	-	-	-
3110.00	9738084.30	9943.24	55416.28	132.81	265.63	61.83	298.03	153.00	-	-	-
3111.00	9747562.55	9478.25	-	-	-	-	-	-	-	-	-
3112.00	9756614.51	9051.96	-	-	-	-	-	-	-	-	-
3113.00	9765297.19	8682.68	-	-	-	-	-	-	-	-	-
3114.00	9773590.17	8292.98	-	-	-	-	-	-	-	-	-
3115.00	9781488.45	7898.28	-	-	-	-	-	-	-	-	-
3116.00	9789029.71	7541.26	-	-	-	-	-	-	-	-	-
3117.00	9796241.93	7212.22	-	-	-	-	-	-	-	-	-
3118.00	9803153.52	6911.59	-	-	-	-	-	-	-	-	-
3119.00	9809743.00	6589.48	-	-	-	-	-	-	-	-	-
3120.00	9816035.60	6292.60	35075.71	105.66	211.33	84.36	279.01	156.00	-	-	-



CUSTOMER : Westlake US 2, LLC

DATE : August 05, 2025

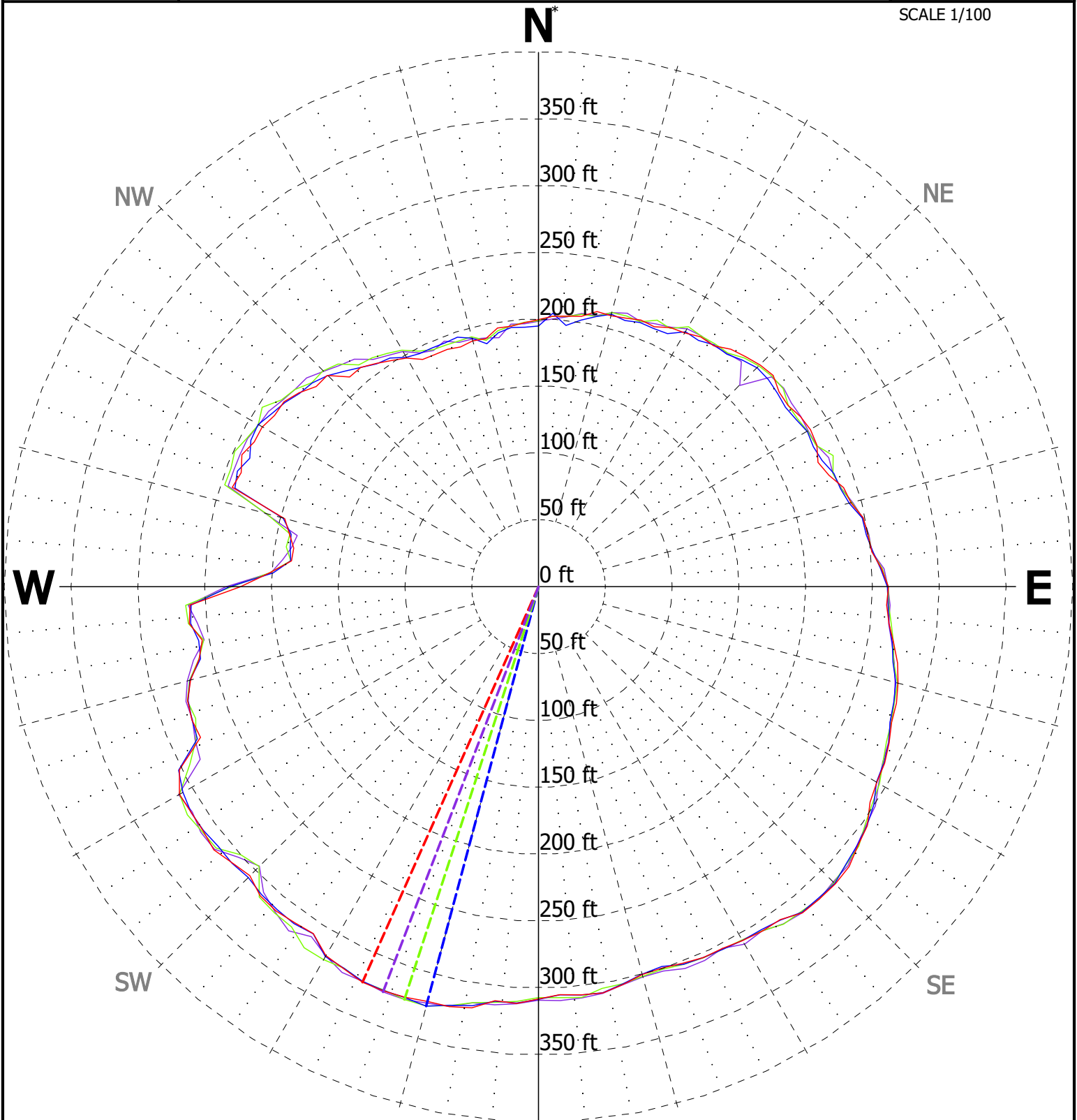
CAVERN : PPG No. 007B

OPERATION No. : 12



MAXIMUM EXTENSION

SCALE 1/100



- Operation No. 12 (08/25)
- Operation No. 11 (04/25)
- Operation No. 10 (01/25)
- Operation No. 9 (07/24)

Maximum radius	: 323.71 ft
Orientation maxi. radius*	: N204
Depth maxi. radius (MD)	: 3062.8 ft
Surface	: 215490.16 ft ²
Max distance between points	: 552.63 ft

*All sections are oriented to Magnetic North.

Magnetic Declination= 0.6°



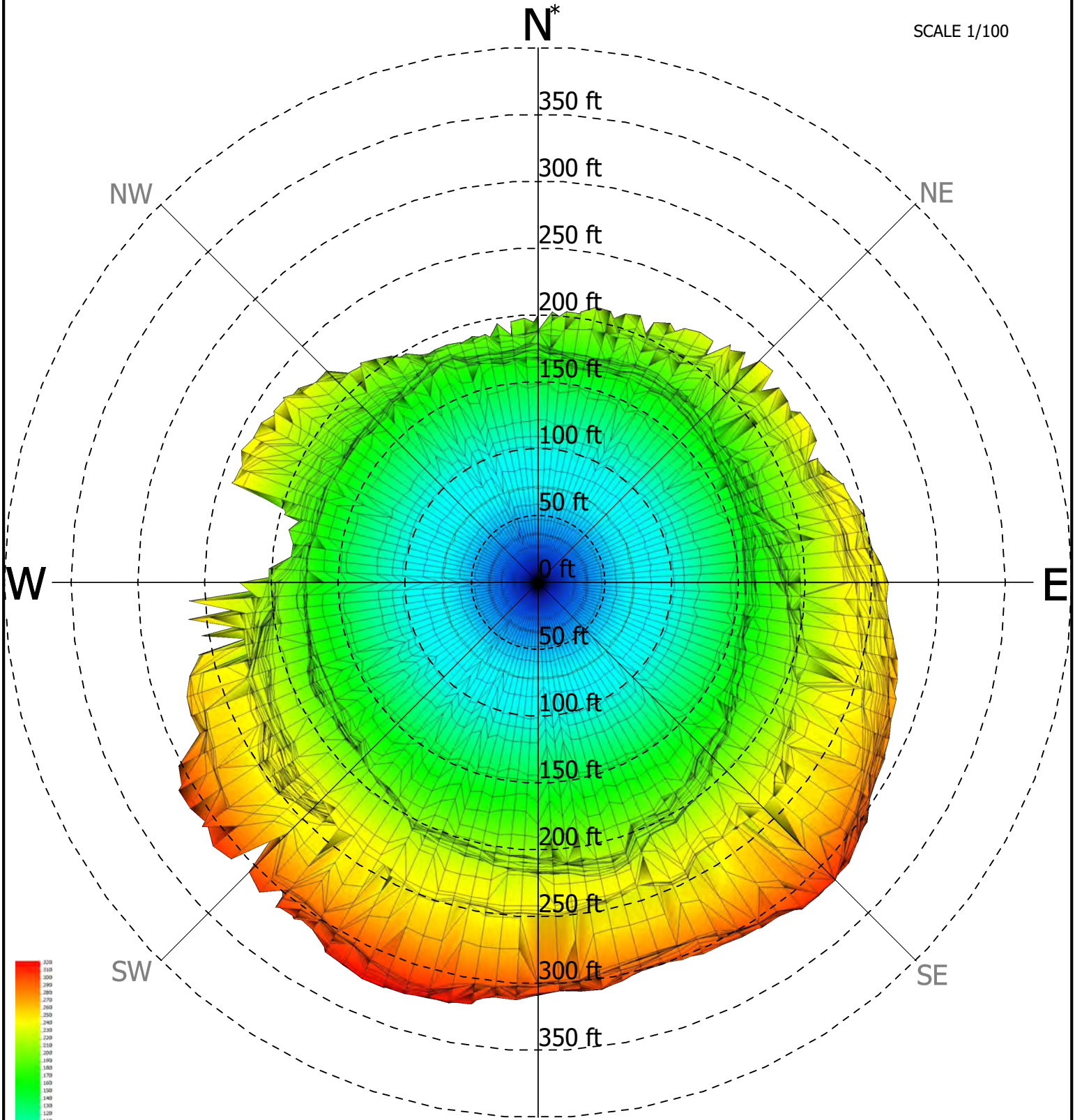
CUSTOMER : Westlake US 2, LLC
 DATE : August 05, 2025

CAVERN : PPG No. 007B
 OPERATION No. : 12



VIEW FROM ABOVE

SCALE 1/100



*All sections are oriented to Magnetic North.

Magnetic Declination= 0.6°

Maximum radius	: 323.71 ft
Orientation maxi. radius*	: N204
Depth maxi. radius	: 3062.8 ft
Surface	: 215490.16 ft ²
Max distance between points	: 552.63 ft



CUSTOMER : Westlake US 2, LLC
DATE : August 05, 2025

CAVERN : PPG No. 007B
OPERATION No. : 12



WALL RANGE VS BEARING

Bearing	0.0	3.0	6.0	9.0
0	199.8: 3092.48	202.6: 3095.15	203.5: 3096.07	204.8: 3077.53
12	210.5: 3082.47	209.9: 3081.97	211.3: 3083.17	213.7: 3085.28
24	212.9: 3084.58	217.6: 3088.62	219.2: 3090.07	222.9: 3093.25
36	222.9: 3093.25	228.6: 3078.14	231.6: 3080.46	234.6: 3082.77
48	236.3: 3084.09	231.6: 3080.46	230.8: 3079.80	233.7: 3082.11
60	235.0: 3083.10	233.7: 3082.11	228.9: 3078.34	232.8: 3083.96
72	240.0: 3080.33	242.2: 3060.00	248.4: 3070.10	249.4: 3070.10
84	250.8: 3070.10	257.0: 3079.49	261.8: 3082.81	260.8: 3084.90
96	263.7: 3077.37	268.8: 3070.10	274.7: 3070.10	278.5: 3075.09
108	281.6: 3070.10	283.0: 3070.10	287.1: 3079.97	290.6: 3088.25
120	292.3: 3089.95	295.8: 3070.10	304.1: 3089.95	307.5: 3065.00
132	312.7: 3070.10	314.1: 3045.37	314.1: 3050.02	313.7: 3050.02
144	307.6: 3061.40	307.1: 3066.76	305.4: 3084.90	303.5: 3082.54
156	303.5: 3082.54	301.5: 3082.24	299.8: 3098.20	300.1: 3098.28
168	304.1: 3089.95	307.5: 3083.19	306.8: 3089.95	305.4: 3084.90
180	308.2: 3089.95	312.0: 3083.90	311.2: 3083.77	318.8: 3075.09
192	320.9: 3085.31	321.0: 3084.90	322.7: 3079.97	323.7: 3062.80
204	323.7: 3062.80	320.7: 3070.10	318.4: 3075.09	309.2: 3070.10
216	310.4: 3067.11	312.0: 3061.77	311.1: 3071.94	298.9: 3072.09
228	308.4: 3070.48	312.5: 3065.69	310.2: 3064.47	309.8: 3064.24
240	310.2: 3064.45	301.5: 3066.63	276.8: 3052.95	277.7: 3049.04
252	276.0: 3044.12	269.5: 3048.60	259.6: 3048.08	254.7: 3040.70
264	262.7: 3045.12	261.1: 3038.33	223.1: 3008.34	201.2: 2980.11
276	185.8: 2970.20	185.4: 2990.02	190.5: 2992.43	196.5: 3003.99
288	240.9: 3044.25	238.2: 3060.21	242.9: 3082.54	238.7: 3079.36
300	238.8: 3060.56	235.4: 3064.34	235.4: 3064.34	230.6: 3073.25
312	223.8: 3056.25	223.5: 3093.83	211.2: 3041.96	211.2: 3041.96
324	206.5: 3044.10	201.8: 3040.81	197.5: 3090.25	190.9: 3083.82
336	190.2: 3083.21	190.2: 3083.21	188.6: 3081.67	190.4: 3042.99
348	189.7: 3037.32	196.0: 3088.75	196.0: 3088.75	197.8: 3090.56



CUSTOMER : Westlake US 2, LLC
DATE : August 05, 2025

CAVERN : PPG No. 007B
OPERATION No. : 12



**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	166.04	163.66	154.12	43.17	206.27	179.75	40.98	167.83
2517.0	0	166.64	163.96	154.42	174.39	206.29	182.21	172.95	167.72
2520.2	0	168.38	164.47	155.31	175.28	206.30	186.31	172.30	167.53
2525.0	0	168.72	164.55	155.95	175.28	206.27	185.92	172.60	168.13
2529.9	0	170.81	166.64	157.70	175.28	207.17	185.65	174.09	169.02
2535.1	0	174.26	167.23	156.80	177.66	209.85	185.71	172.91	169.62
2539.9	0	174.39	169.92	159.49	179.51	209.68	184.52	174.09	173.19
2549.9	0	178.56	171.11	160.98	183.33	212.23	183.97	171.70	172.60
2559.8	0	179.15	171.70	162.17	182.63	215.51	184.22	173.79	173.79
2569.9	0	178.34	173.19	162.76	182.13	215.81	184.52	172.30	172.90
2579.9	0	176.77	178.26	162.17	182.73	217.00	184.22	173.19	172.90
2590.0	0	176.92	178.00	160.55	182.84	216.88	183.65	175.14	172.71
2599.9	0	177.07	176.28	159.35	183.90	216.01	183.76	169.99	171.56
2605.1	0	175.89	176.28	159.37	186.31	214.84	183.76	169.99	170.77
2610.3	0	170.77	174.48	158.58	184.78	213.65	183.42	169.59	171.56
2615.1	-60	141.04	152.10	151.41	161.44	173.88	171.81	154.18	145.54
2615.1	-55	141.73	153.14	152.69	157.64	173.88	160.40	151.41	146.23
2615.1	-50	144.15	154.52	164.20	159.02	176.14	160.09	153.14	149.34
2615.1	-45	146.92	156.94	172.50	163.51	180.80	165.93	156.94	152.10
2615.1	-40	153.14	161.78	176.99	167.31	183.22	175.96	159.71	156.94
2615.1	-35	158.68	169.46	181.49	173.19	188.75	183.08	165.10	162.48
2615.1	-30	165.93	172.15	180.45	190.13	197.74	188.00	165.93	173.19
2615.1	-25	179.41	180.73	172.87	196.70	210.04	199.46	172.57	181.83
2615.1	-20	180.43	176.36	166.46	198.81	223.52	195.32	178.72	181.14
2615.1	-15	176.23	172.23	161.09	189.84	219.17	188.72	174.22	175.85
2615.1	0	170.88	172.81	158.19	183.37	213.50	183.10	169.21	171.17
2615.1	5	177.73	176.98	159.77	184.15	217.98	184.44	170.62	172.18
2615.1	10	179.53	181.79	162.52	185.33	219.95	186.88	178.65	174.71
2615.1	15	184.94	179.09	167.24	188.48	221.52	190.86	178.48	179.05
2615.1	20	189.98	181.79	172.07	194.51	222.71	195.56	183.24	183.92
2615.1	25	192.02	185.73	176.29	196.35	227.43	204.61	190.45	187.70
2615.1	30	193.99	189.66	179.83	200.28	207.87	203.82	199.89	193.46
2615.1	32	190.21	188.57	182.58	189.20	193.26	189.84	187.73	189.12
2615.1	35	179.61	173.14	174.93	174.71	174.82	175.78	174.05	175.30
2615.1	40	158.98	157.41	155.04	155.83	155.44	157.84	155.67	156.62
2615.1	45	142.14	143.57	143.53	141.79	141.44	142.69	142.27	142.83
2615.1	50	130.73	134.53	131.07	130.73	131.02	131.42	133.15	131.42
2615.1	55	121.39	125.43	123.41	123.97	122.79	122.75	121.64	124.16



CUSTOMER : Westlake US 2, LLC
DATE : August 05, 2025

CAVERN : PPG No. 007B
OPERATION No. : 12



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

DEPTH	TILT	N	NE	E	SE	S	SW	W	NW
2615.1	60	116.55	117.86	116.90	115.86	116.55	116.21	116.55	116.55
2615.1	65	110.90	110.50	112.02	109.89	112.02	112.32	109.28	111.31
2615.1	70	107.46	106.24	107.86	106.68	107.66	107.26	106.65	108.07
2615.1	75	104.62	103.81	103.61	103.81	104.22	104.82	103.41	103.00
2615.1	80	101.99	101.58	101.58	101.78	101.58	101.58	102.39	101.78
2615.1	85	100.57	100.57	100.37	100.57	100.57	100.57	100.57	100.37
2615.1	89	100.37	100.37	100.37	100.37	100.16	100.16	100.16	100.16
2620.4	0	171.00	171.00	157.28	183.37	213.35	182.76	168.26	170.22
2624.9	0	171.00	170.27	157.80	183.37	213.53	183.49	168.81	170.39
2630.1	0	171.00	169.43	157.28	180.80	213.74	184.33	168.26	169.43
2635.1	0	172.18	169.43	157.80	180.22	215.23	183.76	168.26	170.39
2640.0	0	173.35	169.43	157.28	178.84	214.13	182.37	168.26	170.61
2650.2	0	170.22	167.08	156.89	183.55	214.13	182.37	168.41	169.83
2660.1	0	170.53	166.60	157.57	181.14	214.13	182.71	168.57	170.14
2670.0	0	169.35	166.60	156.78	187.81	212.60	182.31	168.57	170.14
2680.3	0	170.14	165.42	156.39	187.81	211.77	183.95	168.96	169.74
2690.3	0	163.55	165.42	157.18	185.06	211.77	182.82	153.99	165.99
2700.2	0	140.60	151.05	157.23	176.54	196.51	179.68	141.91	152.78
2710.1	0	125.40	143.48	157.23	165.15	175.59	160.76	135.23	130.58
2720.0	0	102.69	121.87	148.06	133.08	162.19	150.16	119.79	113.12
2730.1	0	90.43	105.23	134.10	117.16	150.55	120.57	103.64	95.31
2740.1	0	70.39	89.21	86.60	97.71	133.26	96.33	90.83	75.29
2750.1	0	68.45	65.70	76.31	84.57	113.26	90.80	70.81	60.98
2760.1	0	62.95	59.41	73.96	71.99	96.29	86.14	62.16	44.08
2770.7	0	57.84	56.27	75.13	62.95	83.87	83.00	61.77	38.58
2780.2	0	59.41	55.48	74.74	63.34	77.10	86.14	62.92	46.83
2790.2	0	59.80	51.94	63.34	64.91	81.03	86.14	64.13	52.73
2800.0	0	57.86	52.35	63.75	65.33	87.74	86.56	64.93	53.92
2805.2	0	57.86	53.14	63.75	65.72	87.74	88.92	64.54	53.92
2810.1	0	57.07	52.35	63.75	66.11	87.35	90.88	64.54	53.53
2815.2	0	57.46	52.35	63.36	66.11	87.35	90.49	66.51	53.53
2820.2	0	57.86	53.14	64.15	66.11	86.95	89.31	67.38	53.92
2825.0	0	59.43	53.14	63.75	66.51	86.95	89.31	67.69	53.14
2830.0	0	80.59	64.15	63.75	66.90	86.95	90.88	67.69	53.92
2835.1	0	149.56	71.62	72.93	67.65	86.95	91.67	70.95	159.90
2840.3	0	152.22	83.40	85.52	127.20	86.17	92.85	189.99	159.69
2845.2	0	151.29	149.37	177.21	236.98	244.63	92.85	196.29	160.87
2850.1	0	151.86	149.50	182.53	237.51	247.56	228.54	184.50	159.33



CUSTOMER : Westlake US 2, LLC
 DATE : August 05, 2025

CAVERN : PPG No. 007B
 OPERATION No. : 12



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

DEPTH	TILT	N	NE	E	SE	S	SW	W	NW
2855.0	0	151.86	151.07	184.89	237.20	247.03	219.11	184.11	162.81
2860.1	0	151.86	151.07	185.28	237.20	247.03	219.11	182.76	162.87
2870.0	0	150.68	153.04	184.50	232.24	246.63	221.47	180.17	163.26
2880.0	0	147.48	153.89	186.07	217.93	240.74	221.86	172.70	154.22
2890.1	0	138.49	155.79	187.25	213.60	234.36	224.61	169.95	153.04
2900.0	-62	156.29	159.82	234.72	260.31	244.61	203.96	196.14	160.83
2900.0	-59	151.07	174.36	237.84	270.54	254.03	224.70	197.39	154.18
2900.0	-57	274.82	188.77	239.75	278.97	260.31	231.23	190.80	152.80
2900.0	-54	280.70	216.38	233.00	284.61	274.93	241.29	175.11	154.57
2900.0	-51	288.45	254.05	244.33	295.22	293.22	241.50	181.20	269.05
2900.0	-47	282.72	279.63	261.55	311.83	311.65	239.05	189.21	276.54
2900.0	-44	277.11	280.95	294.62	327.76	318.44	241.70	186.71	285.16
2900.0	-41	243.02	298.15	305.73	338.29	336.52	243.67	183.08	295.51
2900.0	-38	237.98	296.98	320.65	342.26	346.23	253.61	193.18	280.87
2900.0	-37	234.87	194.07	319.76	349.33	346.65	255.37	197.59	272.50
2900.0	-36	231.28	189.55	318.00	349.32	346.67	254.93	196.27	264.19
2900.0	-35	228.91	186.17	318.88	351.96	226.31	256.16	195.83	260.66
2900.0	-34	192.79	183.92	305.49	354.98	223.70	266.00	195.83	252.72
2900.0	-33	174.02	181.42	233.07	210.82	218.03	276.03	194.95	233.22
2900.0	-32	162.72	178.95	214.66	205.09	214.76	305.08	197.09	218.57
2900.0	-31	156.22	177.80	214.23	199.09	212.91	339.40	197.18	210.82
2900.0	-30	150.40	176.26	208.28	196.73	210.38	344.46	196.71	202.46
2900.0	-29	143.92	174.22	206.24	194.93	210.38	278.75	200.24	190.54
2900.0	-28	137.61	172.57	203.92	192.61	209.36	273.78	200.68	183.48
2900.0	-26	133.64	169.37	201.86	191.88	207.66	265.51	247.57	164.51
2900.0	51	91.66	93.20	101.48	104.74	132.46	137.38	105.49	86.82
2900.1	0	135.77	154.65	186.12	213.26	232.93	222.31	170.39	141.28
2910.1	0	135.38	155.44	184.94	209.45	229.39	226.64	170.39	140.88
2920.1	10	137.34	158.59	189.66	219.56	246.03	225.50	172.54	153.08
2920.1	16	154.20	158.59	190.45	246.91	256.95	227.43	187.85	163.33
2920.1	21	161.73	161.34	195.37	249.45	233.64	240.01	209.93	175.50
2920.1	26	168.38	164.88	180.20	186.80	195.42	205.96	193.62	178.07
2920.1	31	171.96	154.04	152.69	151.50	156.22	158.54	166.57	167.61
2920.1	36	147.28	133.02	134.03	145.21	129.48	131.84	144.65	148.68
2920.1	41	129.34	116.38	120.02	127.72	118.20	119.82	124.28	134.23
2920.1	46	124.08	114.35	112.52	114.74	124.92	129.28	113.50	122.63
2920.1	51	116.78	111.71	111.31	107.26	138.47	143.24	109.80	111.77
2920.1	55	111.46	110.37	110.75	115.61	149.77	151.23	118.20	104.62



CUSTOMER : Westlake US 2, LLC
 DATE : August 05, 2025

CAVERN : PPG No. 007B
 OPERATION No. : 12



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

DEPTH	TILT	N	NE	E	SE	S	SW	W	NW
2920.1	65	140.00	125.06	175.13	150.87	449.52	439.92	149.86	127.44
2920.1	70	433.97	430.43	431.05	431.21	431.77	431.05	430.62	144.18
2920.1	75	420.63	419.53	420.05	419.54	419.28	420.63	419.69	418.99
2920.1	80	410.83	413.89	411.86	412.41	411.31	411.31	411.20	413.00
2920.1	85	407.68	406.57	407.89	406.37	407.80	407.54	406.87	407.97
2920.3	0	134.59	156.22	184.70	202.89	225.85	225.85	176.26	136.48
2930.1	0	133.41	155.04	184.47	196.35	221.52	231.88	179.86	132.20
2940.1	0	125.15	153.86	184.15	181.40	206.97	230.18	184.83	123.57
2949.9	0	119.16	153.29	183.87	180.00	197.94	232.04	194.29	130.38
2960.1	0	121.11	152.96	183.54	179.68	196.10	233.12	199.64	139.25
2970.2	0	126.95	152.64	181.61	173.57	194.17	238.27	199.96	147.39
2980.1	0	134.19	152.64	181.94	174.21	191.28	236.02	201.25	153.70
2990.0	0	143.27	152.96	181.35	170.35	187.09	238.27	202.22	165.62
2994.9	0	146.52	152.00	180.33	170.67	186.12	238.91	176.14	169.91
3000.0	0	150.15	152.67	180.73	170.70	184.54	238.64	170.01	174.86
3005.4	0	157.60	152.67	180.68	171.34	182.80	239.92	165.40	179.10
3010.1	0	161.75	153.31	183.94	175.22	182.80	239.64	162.46	182.42
3015.0	0	164.58	154.92	181.65	177.78	182.29	239.34	159.48	185.83
3020.0	0	169.73	156.21	185.39	201.90	183.58	240.25	136.89	189.37
3024.9	0	174.85	164.26	195.81	219.32	185.83	241.85	135.60	91.17
3030.2	0	76.04	167.79	194.53	219.32	185.83	242.18	134.47	81.73
3034.9	-42	65.42	78.13	100.80	140.62	102.78	77.67	81.39	63.25
3034.9	-39	65.53	78.41	105.53	150.87	116.16	83.47	89.73	63.19
3034.9	-36	66.18	67.97	118.36	163.35	136.84	89.73	90.55	64.75
3034.9	-33	66.08	67.07	132.82	181.26	152.82	90.38	90.33	63.82
3034.9	-30	66.37	64.39	139.52	190.80	162.18	98.37	90.33	65.59
3034.9	-27	64.25	62.90	146.08	208.47	200.34	104.04	91.22	65.84
3034.9	-24	64.55	61.83	146.38	230.02	230.50	147.87	97.19	64.10
3034.9	-21	64.84	60.77	146.68	258.45	242.07	157.41	102.55	64.82
3034.9	-18	65.95	59.48	182.94	273.69	275.80	162.88	109.62	64.32
3034.9	-15	66.05	58.95	246.75	290.49	285.99	167.38	107.55	63.98
3034.9	-12	68.29	59.89	261.30	302.61	300.49	173.60	106.68	64.54
3034.9	-9	69.65	63.14	257.62	316.99	310.77	178.48	104.34	65.64
3034.9	-6	72.83	66.20	253.82	314.03	307.61	202.68	102.71	74.73
3034.9	-5	72.01	77.92	252.64	312.85	299.47	204.24	102.71	77.62
3034.9	-4	187.35	204.60	247.13	313.17	300.65	207.98	102.71	78.58
3034.9	-3	187.83	202.54	239.57	313.20	300.65	268.84	128.41	78.58
3034.9	-2	73.79	201.82	236.50	314.08	301.58	259.91	128.68	76.34



CUSTOMER : Westlake US 2, LLC
 DATE : August 05, 2025

CAVERN : PPG No. 007B
 OPERATION No. : 12



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

DEPTH	TILT	N	NE	E	SE	S	SW	W	NW
3034.9	-87	64.95	62.78	63.56	60.92	60.46	61.39	61.85	63.40
3034.9	-84	65.42	62.32	63.25	61.23	61.70	61.23	60.61	65.26
3034.9	-81	67.28	62.32	62.78	60.77	62.78	60.77	58.29	65.88
3034.9	-78	67.43	62.78	61.72	60.61	63.04	61.54	58.44	66.35
3034.9	-75	69.30	65.50	58.44	60.61	62.47	63.09	59.53	66.25
3034.9	-72	68.52	66.35	57.81	65.88	62.78	64.64	60.15	65.42
3034.9	-69	62.78	67.90	58.60	70.85	66.66	66.50	61.23	62.47
3034.9	-66	63.25	68.98	61.08	76.58	69.76	67.59	64.49	62.47
3034.9	-63	63.09	73.64	62.01	78.75	71.78	68.05	65.11	62.63
3034.9	-60	62.27	74.26	64.80	80.46	74.56	67.90	67.82	62.63
3034.9	-57	62.16	76.12	67.90	83.09	79.22	68.83	70.54	63.56
3034.9	-54	63.21	78.60	81.70	86.35	80.30	70.38	72.71	62.78
3034.9	-51	64.02	78.75	82.49	93.06	82.32	71.62	76.43	62.16
3034.9	-48	62.78	76.39	85.44	101.74	85.51	74.26	76.58	62.46
3034.9	-45	64.64	75.12	88.36	122.62	89.45	76.27	78.60	62.32
3035.1	0	74.75	184.72	231.65	279.09	185.83	244.68	132.90	78.50
3040.1	0	187.80	201.69	235.38	313.43	299.38	253.63	129.11	79.00
3045.4	0	69.62	202.53	238.16	314.12	301.61	263.14	102.83	65.23
3050.0	0	66.11	57.59	244.51	313.05	301.04	206.53	103.12	62.97
3055.0	0	63.00	57.12	250.68	312.71	300.63	203.04	104.86	61.77
3060.0	0	59.20	56.78	252.93	312.44	299.21	182.67	104.16	59.63
3065.0	0	57.81	56.53	253.22	313.05	300.26	175.40	104.92	58.96
3070.1	0	56.16	56.50	253.57	312.71	306.98	170.91	99.95	53.70
3075.1	0	51.93	55.31	254.77	312.71	307.52	163.41	86.28	49.51
3080.0	0	47.26	60.22	259.20	313.05	307.87	160.86	78.84	43.63
3080.0	3	50.22	53.32	253.68	313.17	300.95	169.51	84.42	47.10
3080.0	6	53.58	55.94	250.76	315.69	303.49	177.94	102.61	49.73
3080.0	7	54.37	57.52	246.30	316.27	303.88	204.44	105.92	49.64
3080.0	8	55.18	57.12	240.91	314.90	302.11	207.37	105.92	53.97
3080.0	9	55.94	57.24	239.81	286.14	302.37	256.41	105.92	53.97
3080.0	12	59.09	57.52	233.85	224.78	218.76	247.45	106.71	55.15
3080.0	15	59.84	58.49	202.56	225.17	192.11	247.68	107.10	61.04
3080.0	18	62.24	59.59	194.47	201.19	193.13	251.44	107.89	62.20
3080.0	21	66.43	60.89	197.23	188.78	195.65	254.84	110.69	65.78
3080.0	24	71.22	62.48	197.72	187.28	202.77	259.70	179.09	68.07
3080.0	27	80.74	64.45	203.92	191.72	213.07	262.10	225.56	71.68
3080.0	30	85.10	75.23	209.79	201.01	224.74	267.08	232.25	90.97
3080.0	33	168.89	181.96	218.51	205.89	235.49	276.33	234.62	183.06



CUSTOMER : Westlake US 2, LLC
DATE : August 05, 2025

CAVERN : PPG No. 007B
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**Wall Range versus Depth
(N, NE, E, SE, S, SW, W, NW)**

DEPTH	TILT	N	NE	E	SE	S	SW	W	NW
3080.0	36	166.92	188.57	227.25	222.47	279.09	278.69	230.97	183.56
3080.0	39	167.65	196.81	236.98	268.83	300.73	285.92	232.65	184.24
3080.0	42	167.32	206.72	248.55	288.65	332.21	298.45	237.43	183.06
3080.0	45	170.79	220.84	264.07	336.15	340.48	309.90	240.73	183.85
3080.0	48	183.49	231.76	275.54	334.15	327.50	331.38	253.80	186.10
3080.0	51	214.38	248.00	292.01	315.85	315.79	319.78	306.64	223.79
3080.0	54	253.15	258.77	294.44	300.23	303.66	308.34	301.91	277.28
3080.0	57	277.75	274.07	284.99	287.04	290.34	291.29	293.26	292.06
3080.0	60	286.70	276.33	275.15	275.82	278.45	279.62	283.71	284.20
3084.9	0	40.41	60.84	258.06	313.40	306.83	75.64	76.49	37.75
3089.9	0	29.45	51.93	18.04	313.75	308.21	50.94	58.64	30.51



CUSTOMER : Westlake US 2, LLC

CAVERN : PPG No. 007B

DATE : August 05, 2025

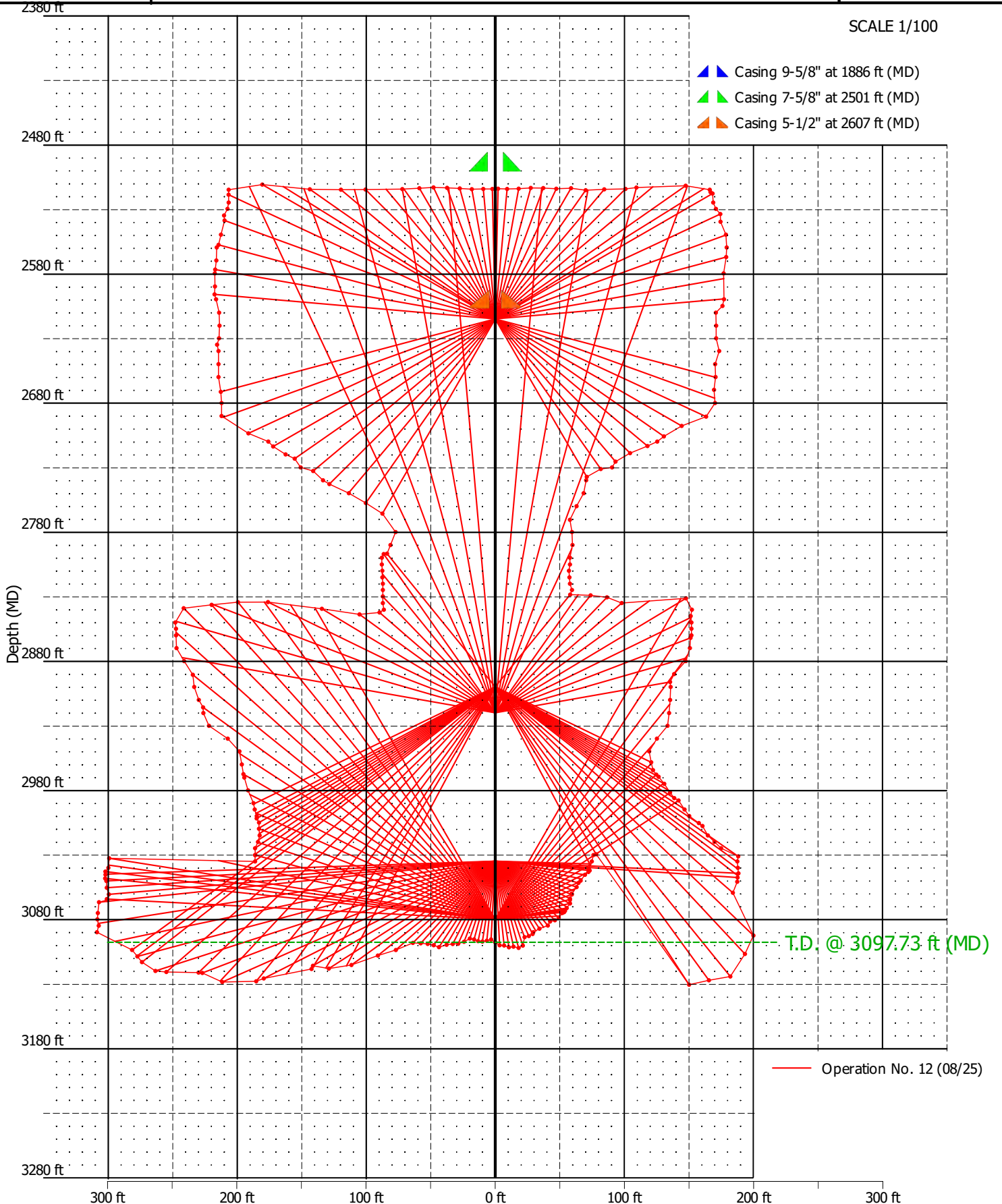
OPERATION No. : 12



TILTED SECTIONS POSITION

← N180 **1** N0 →

SCALE 1/100





CUSTOMER : Westlake US 2, LLC

CAVERN : PPG No. 007B

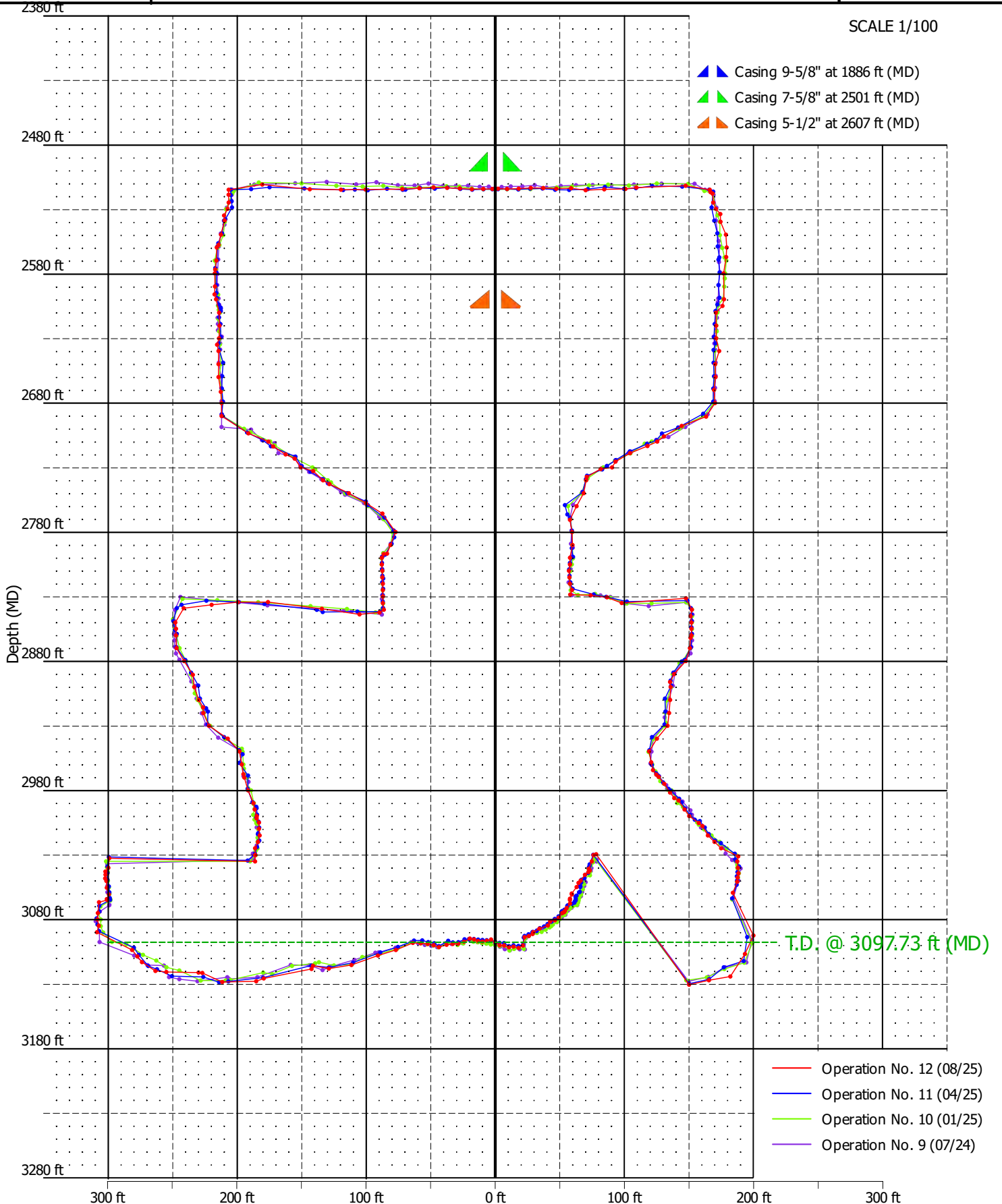
DATE : August 05, 2025

OPERATION No. : 12



VERTICAL SECTION

← N180 **1** N0 →





CUSTOMER : Westlake US 2, LLC

DATE : August 05, 2025

CAVERN : PPG No. 007B

OPERATION No. : 12



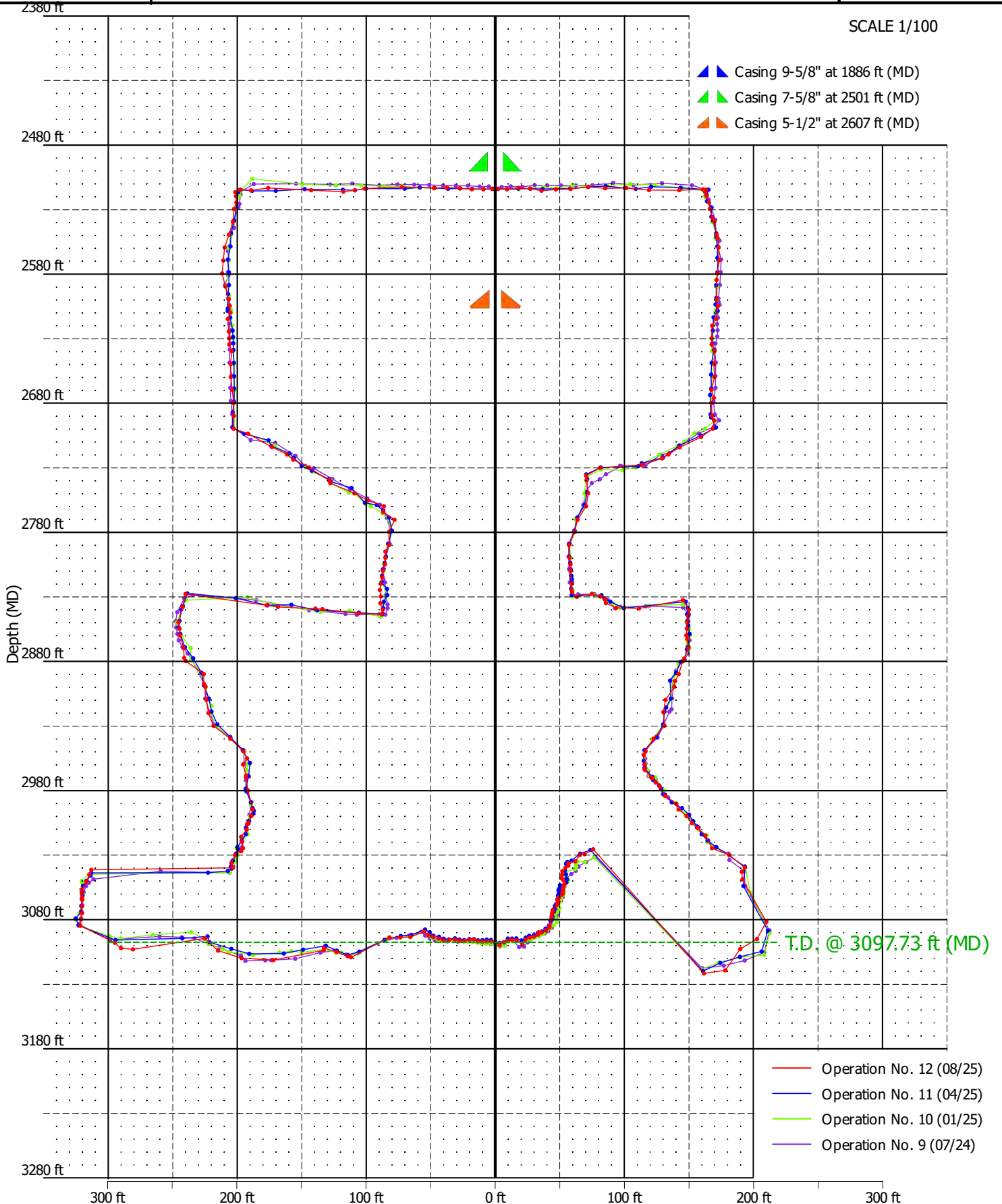
VERTICAL SECTION

N195 ←

2

→ N15

SCALE 1/100





CUSTOMER : Westlake US 2, LLC

DATE : August 05, 2025

CAVERN : PPG No. 007B

OPERATION No. : 12



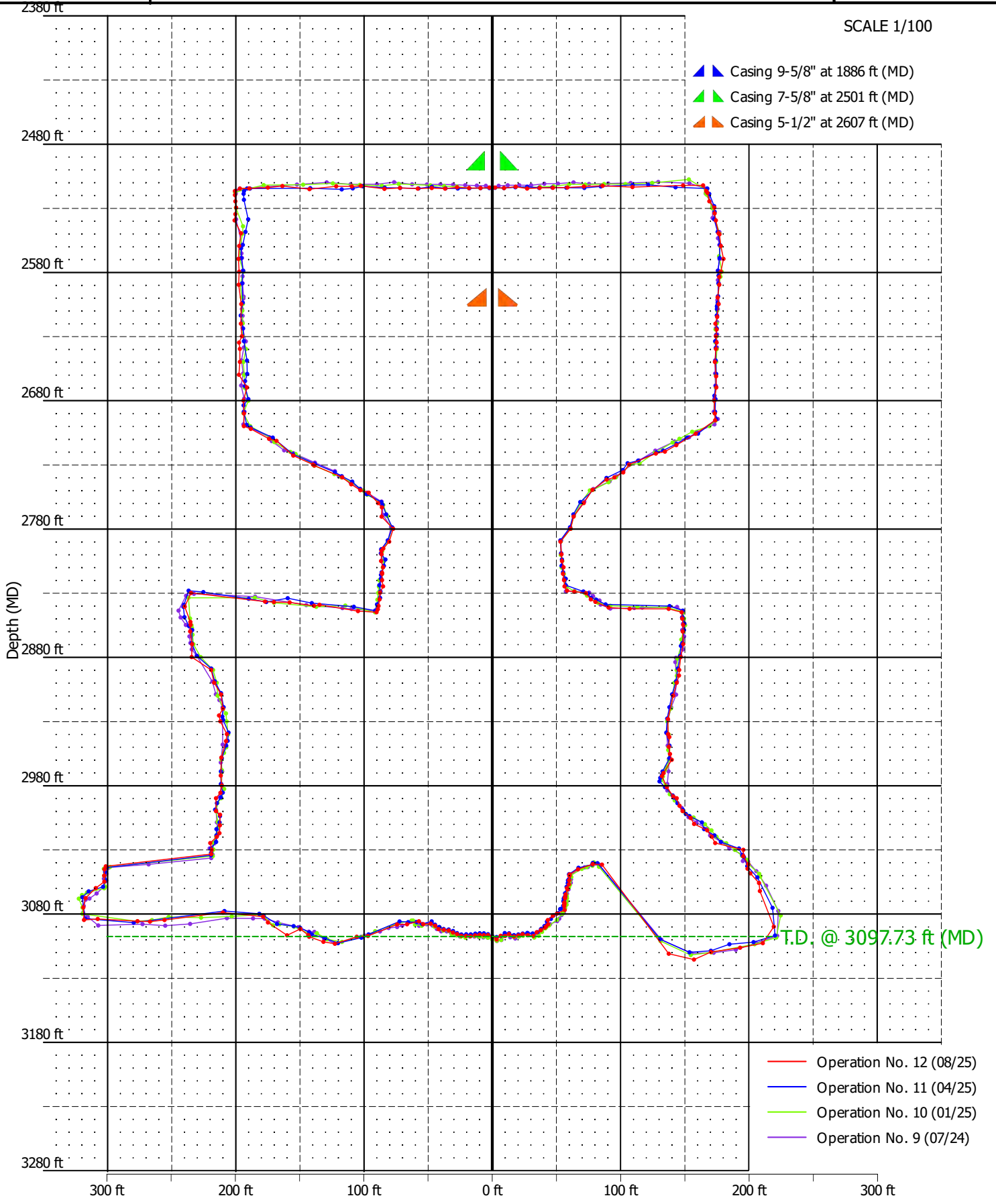
VERTICAL SECTION

N210 ←

3

→ N30

SCALE 1/100





CUSTOMER : Westlake US 2, LLC

CAVERN : PPG No. 007B

DATE : August 05, 2025

OPERATION No. : 12



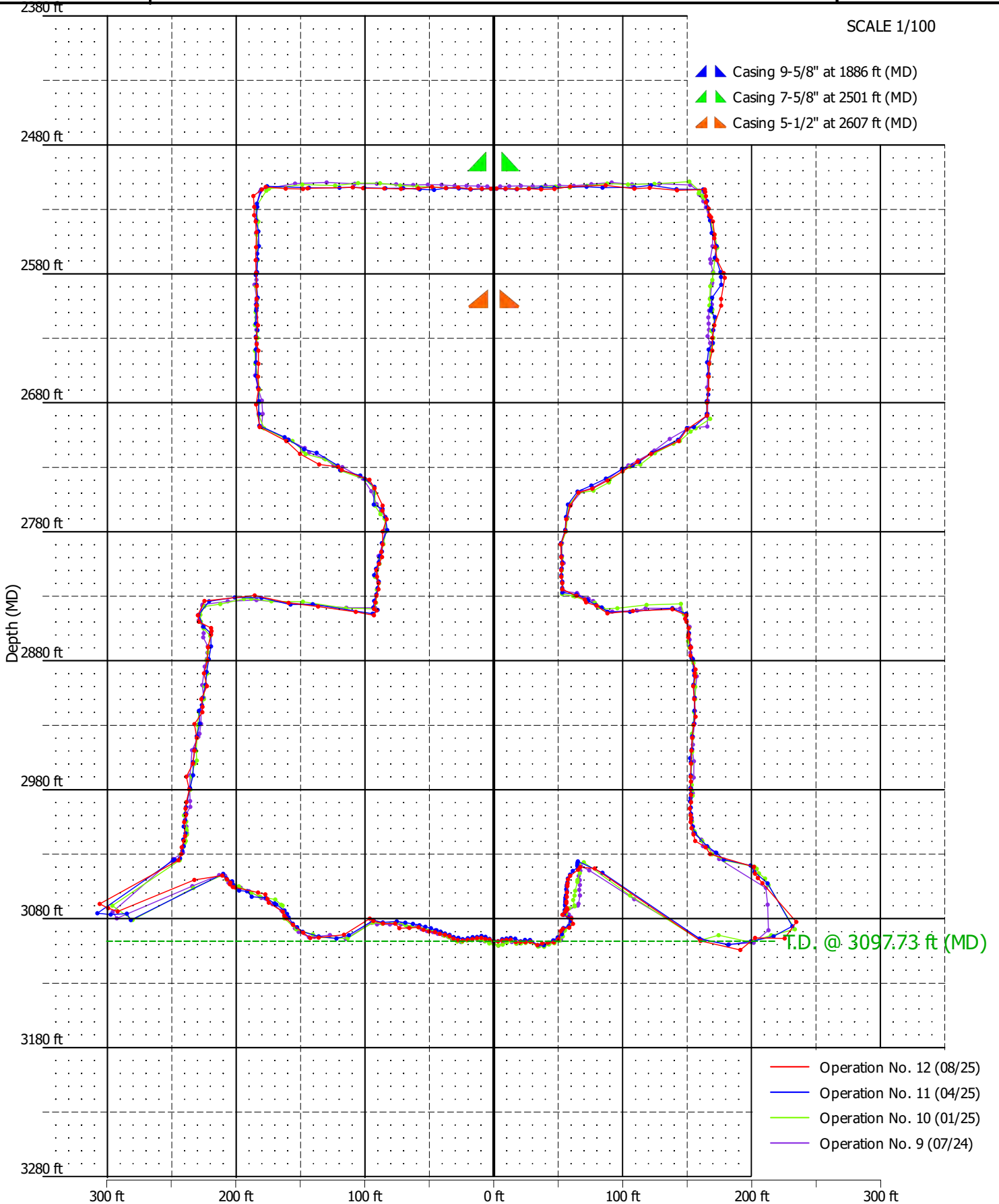
VERTICAL SECTION

N225 ←

4

→ N45

SCALE 1/100





CUSTOMER : Westlake US 2, LLC

CAVERN : PPG No. 007B

DATE : August 05, 2025

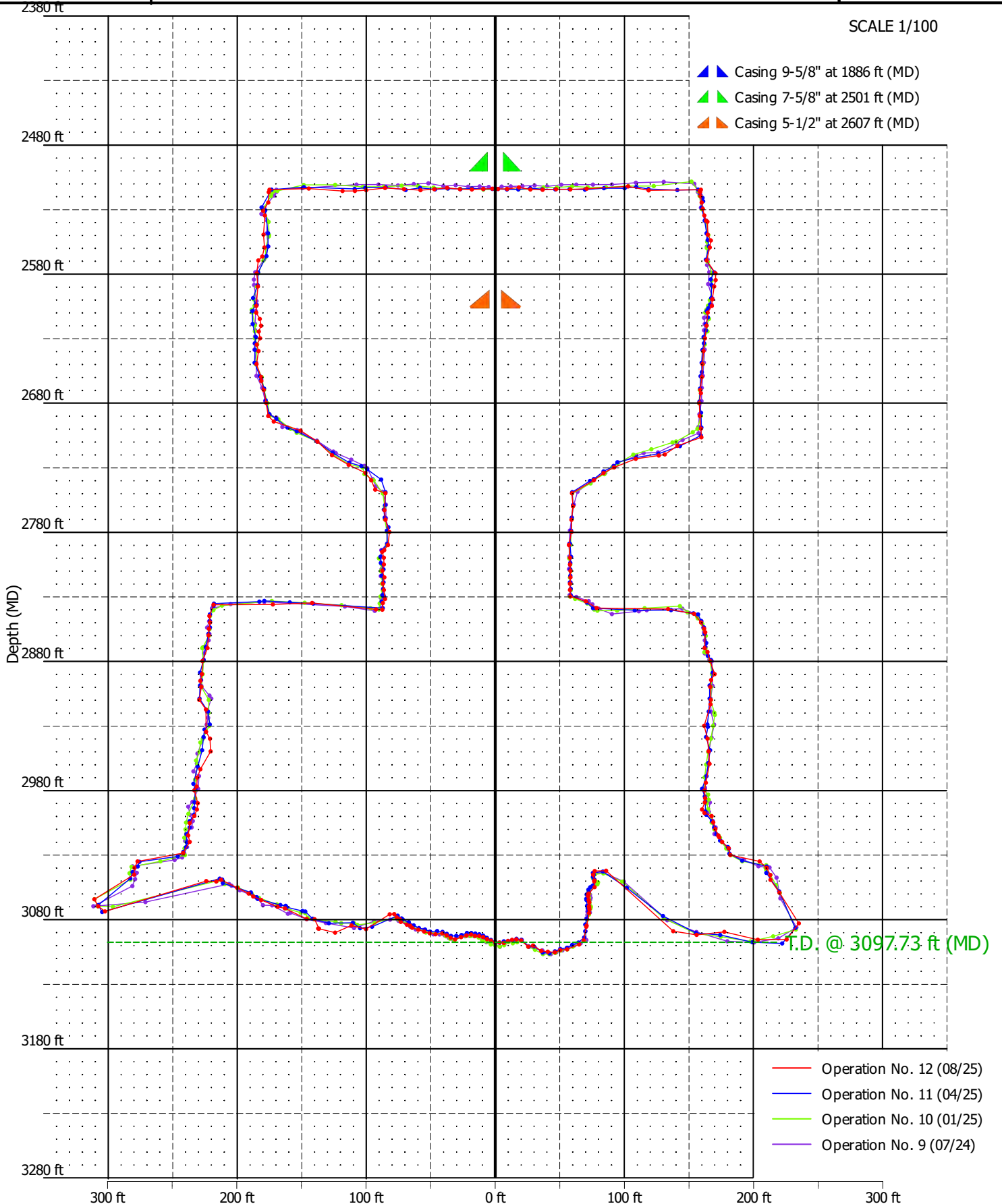
OPERATION No. : 12



VERTICAL SECTION

← N240 5 N60 →

SCALE 1/100





CUSTOMER : Westlake US 2, LLC

CAVERN : PPG No. 007B

DATE : August 05, 2025

OPERATION No. : 12



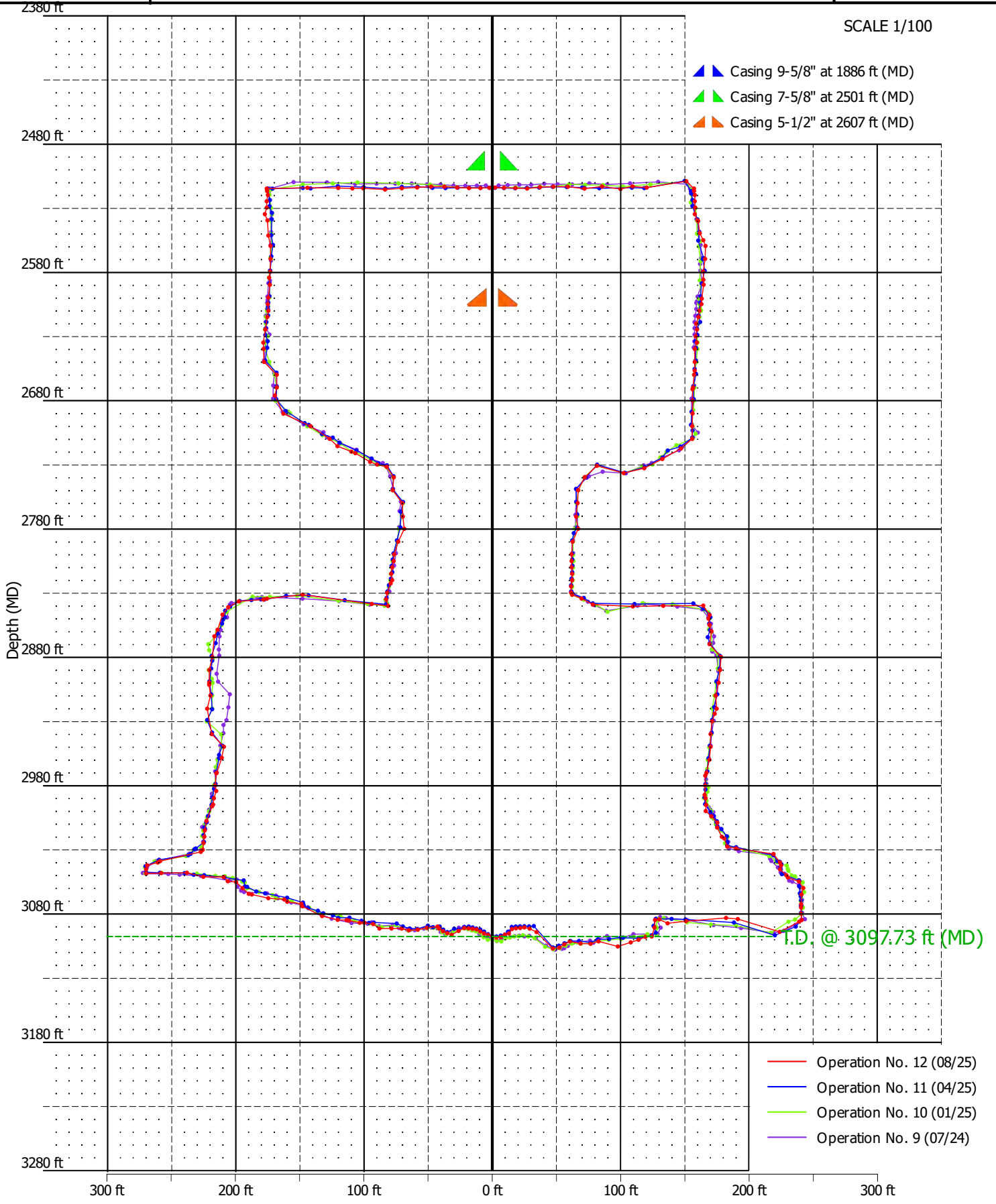
VERTICAL SECTION

N255 ←

6

→ N75

SCALE 1/100





CUSTOMER : Westlake US 2, LLC

CAVERN : PPG No. 007B

DATE : August 05, 2025

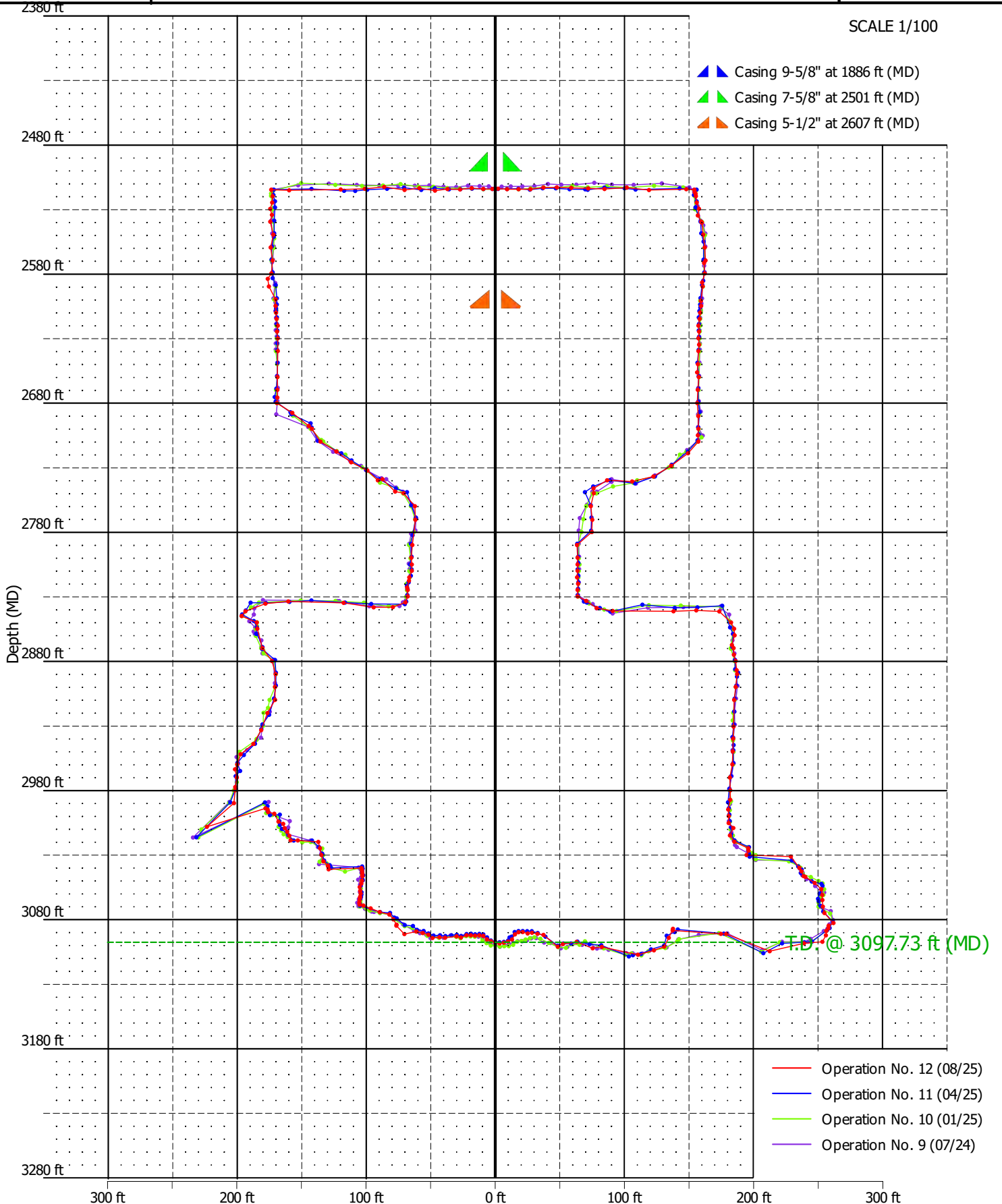
OPERATION No. : 12



VERTICAL SECTION

← N270 7 N90 →

SCALE 1/100





CUSTOMER : Westlake US 2, LLC

CAVERN : PPG No. 007B

DATE : August 05, 2025

OPERATION No. : 12



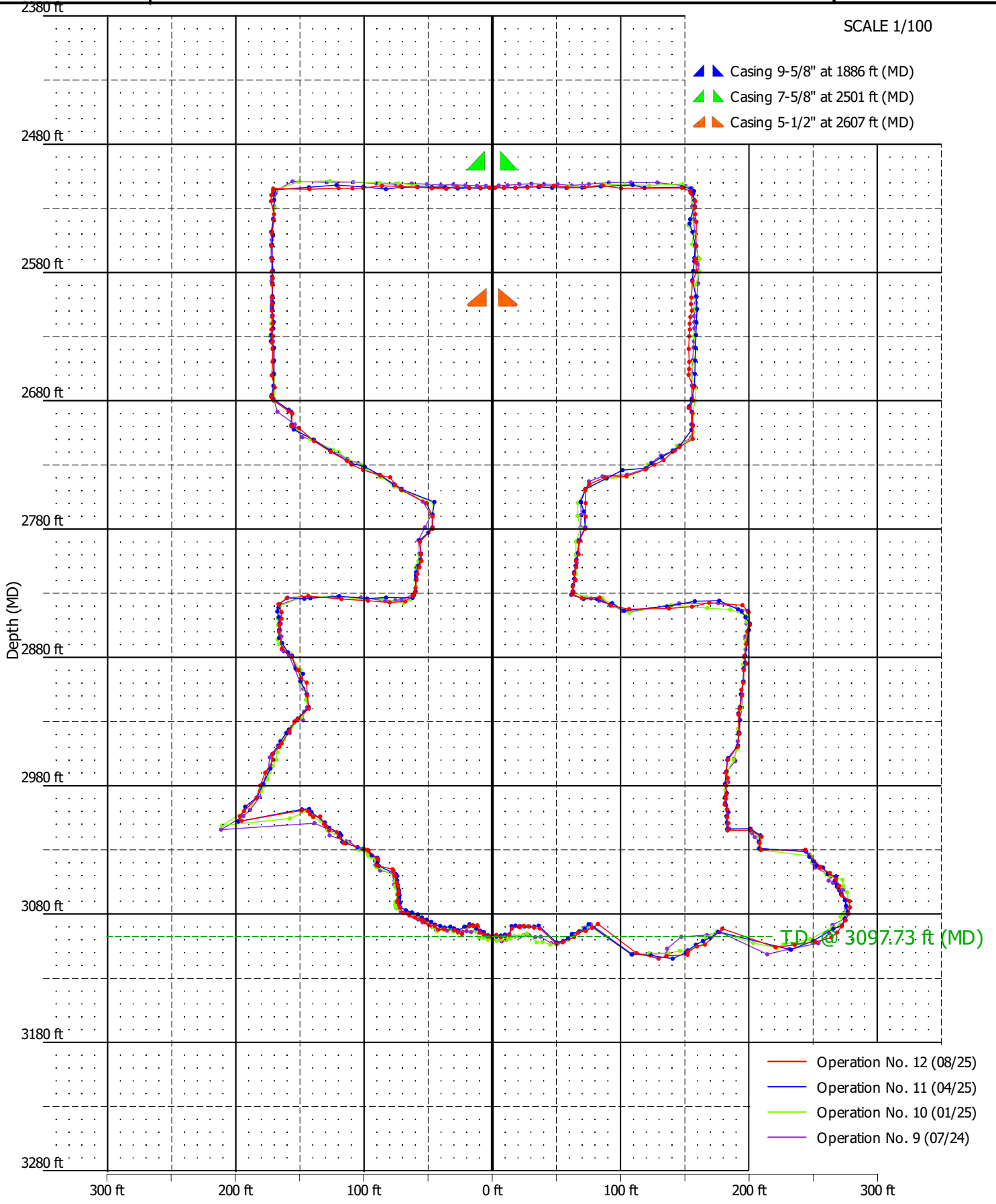
VERTICAL SECTION

N285 ←

8

→ N105

SCALE 1/100





CUSTOMER : Westlake US 2, LLC

DATE : August 05, 2025

CAVERN : PPG No. 007B

OPERATION No. : 12



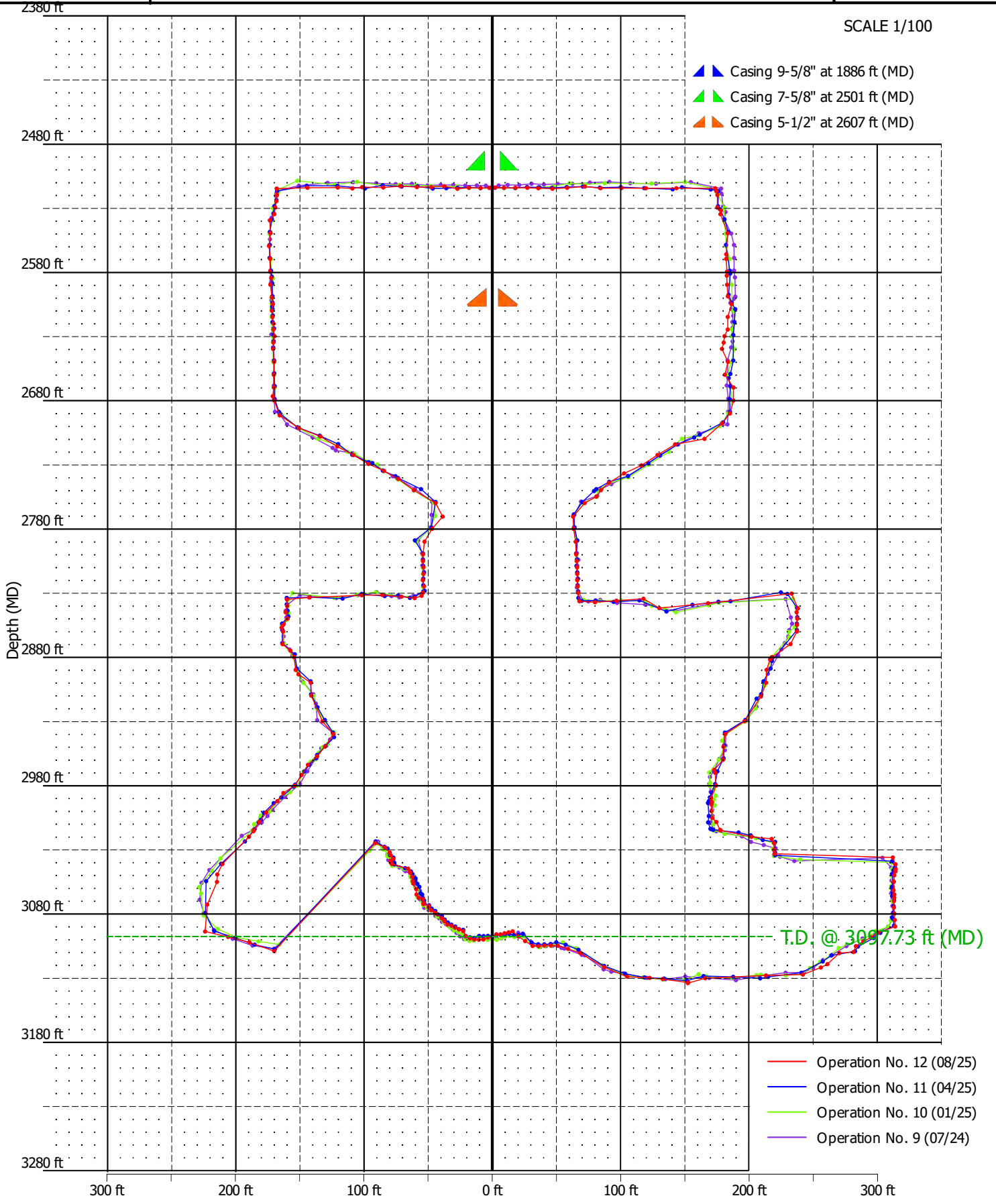
VERTICAL SECTION

N315 ←

10

→ N135

SCALE 1/100





CUSTOMER : Westlake US 2, LLC

CAVERN : PPG No. 007B

DATE : August 05, 2025

OPERATION No. : 12



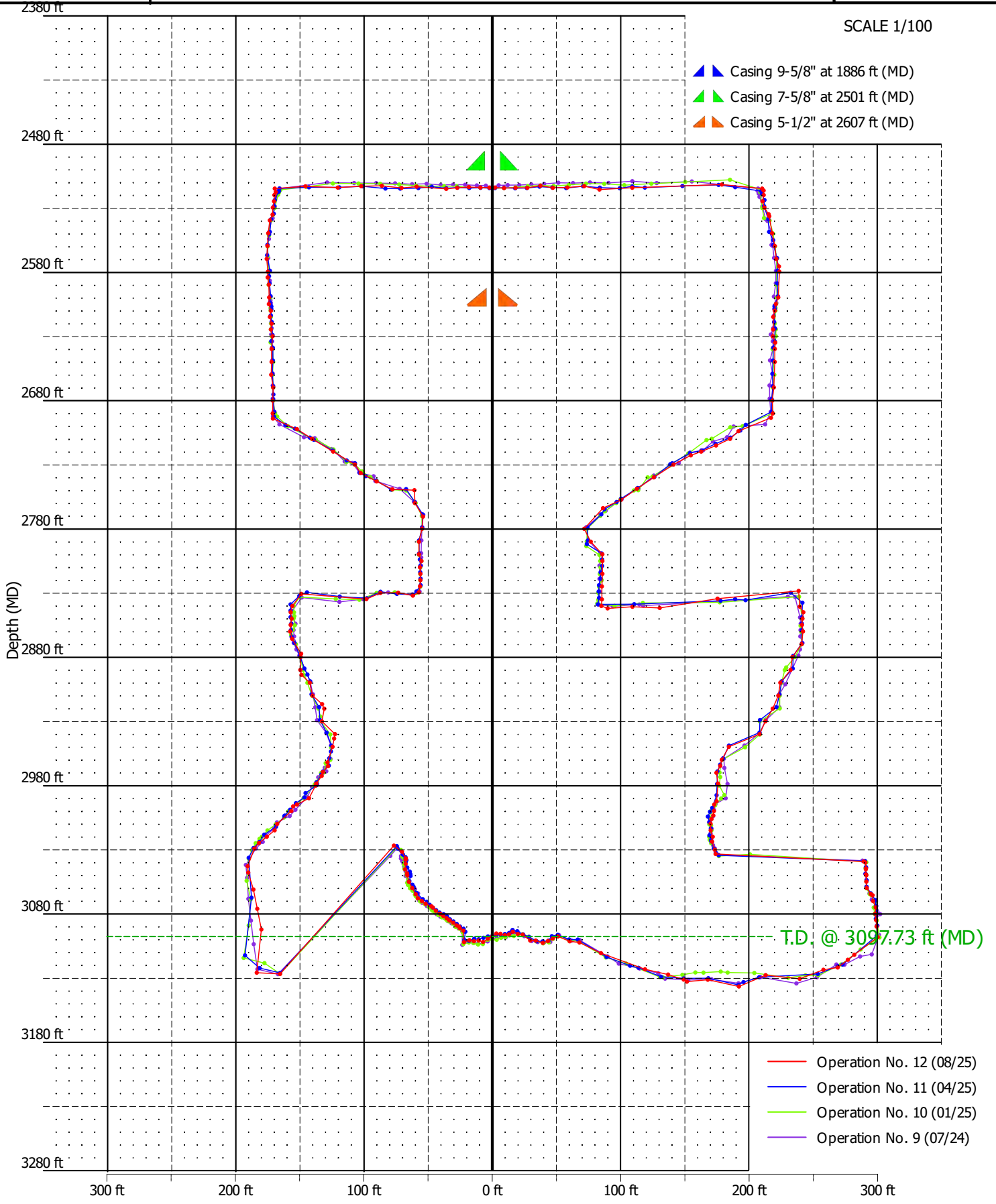
VERTICAL SECTION

N345 ←

12

→ N165

SCALE 1/100





CUSTOMER : Westlake US 2, LLC
DATE : August 05, 2025

CAVERN : PPG No. 007B
OPERATION No. : 12



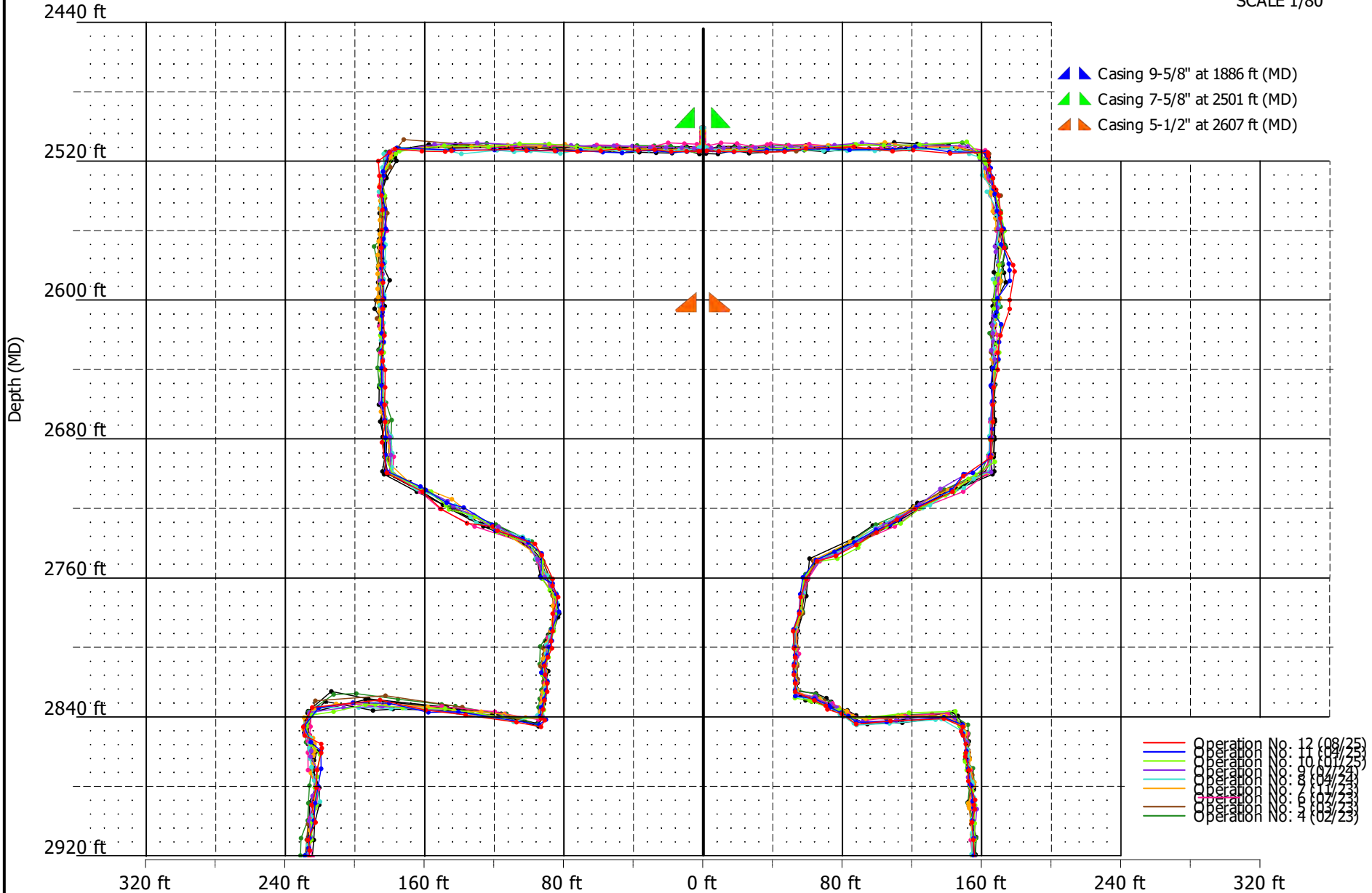
VERTICAL SECTION

← N225

2

N45 →

SCALE 1/80





CUSTOMER : Westlake US 2, LLC
DATE : August 05, 2025

CAVERN : PPG No. 007B
OPERATION No. : 12



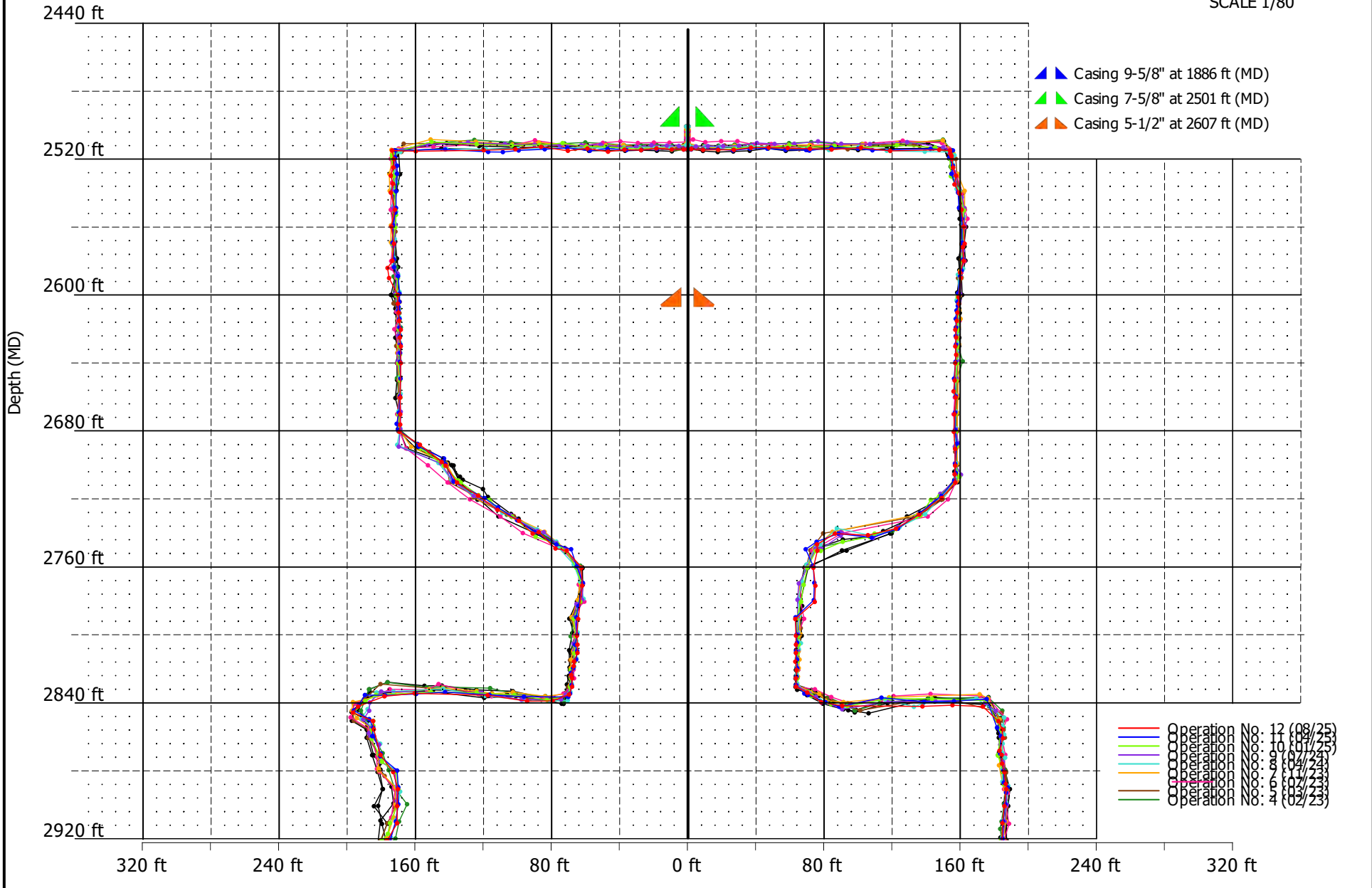
VERTICAL SECTION

← N270

3

N90 →

SCALE 1/80





CUSTOMER : Westlake US 2, LLC
DATE : August 05, 2025

CAVERN : PPG No. 007B
OPERATION No. : 12



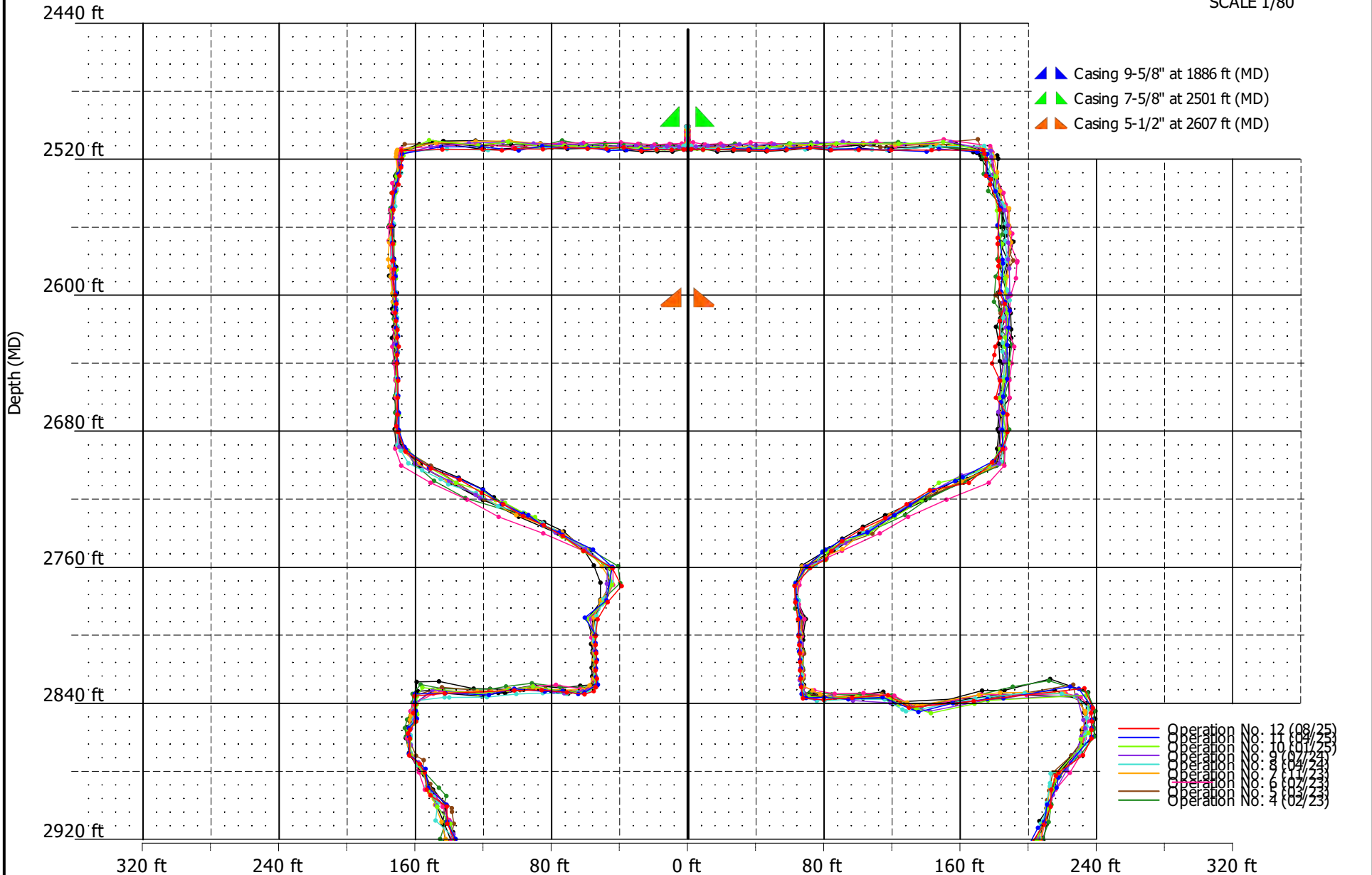
VERTICAL SECTION

← N315

4

N135 →

SCALE 1/80





CUSTOMER : Westlake US 2, LLC
 DATE : August 05, 2025

CAVERN : PPG No. 007B
 OPERATION No. : 12



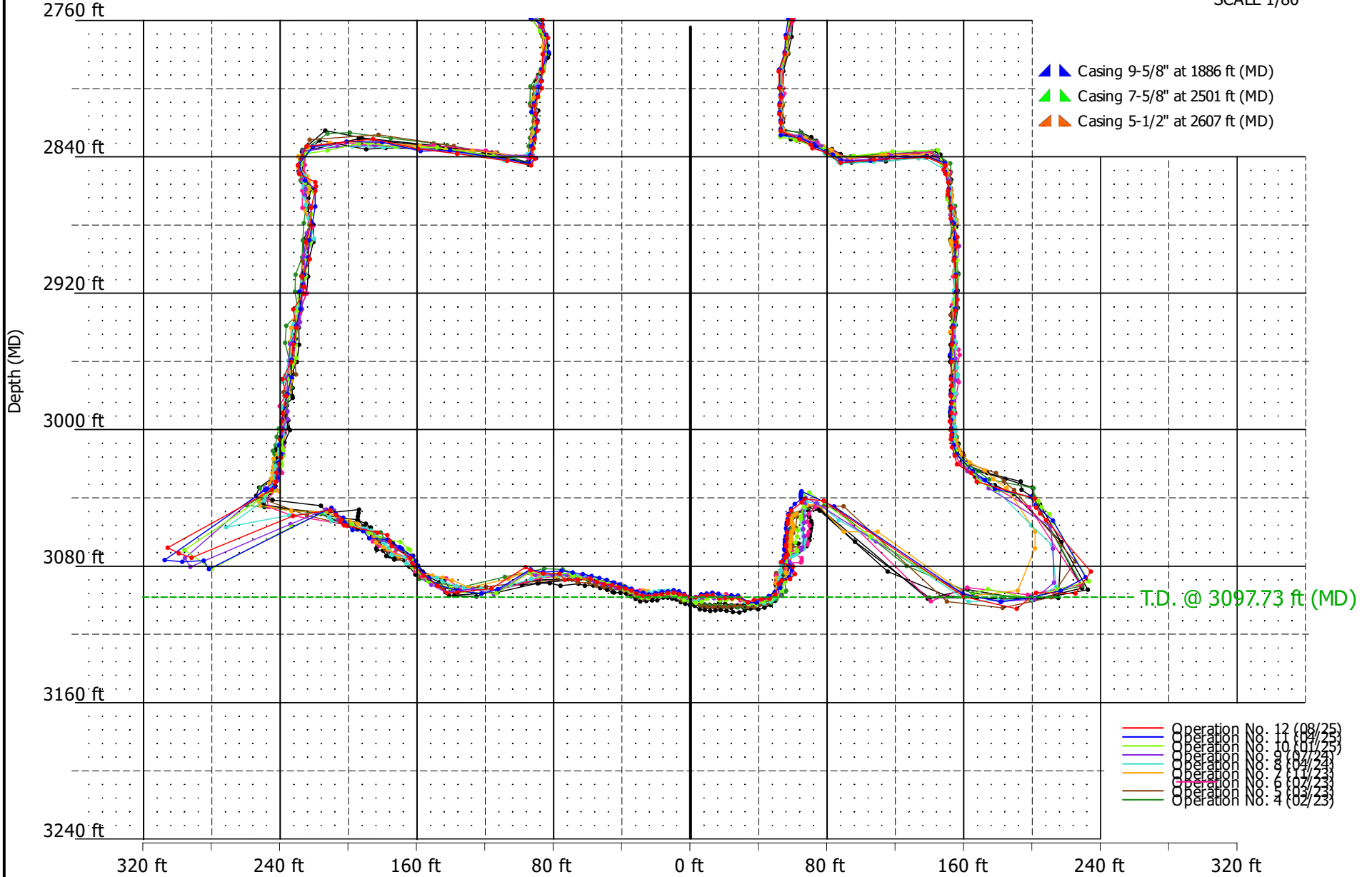
VERTICAL SECTION

← N225

2

N45 →

SCALE 1/80





CUSTOMER : Westlake US 2, LLC
DATE : August 05, 2025

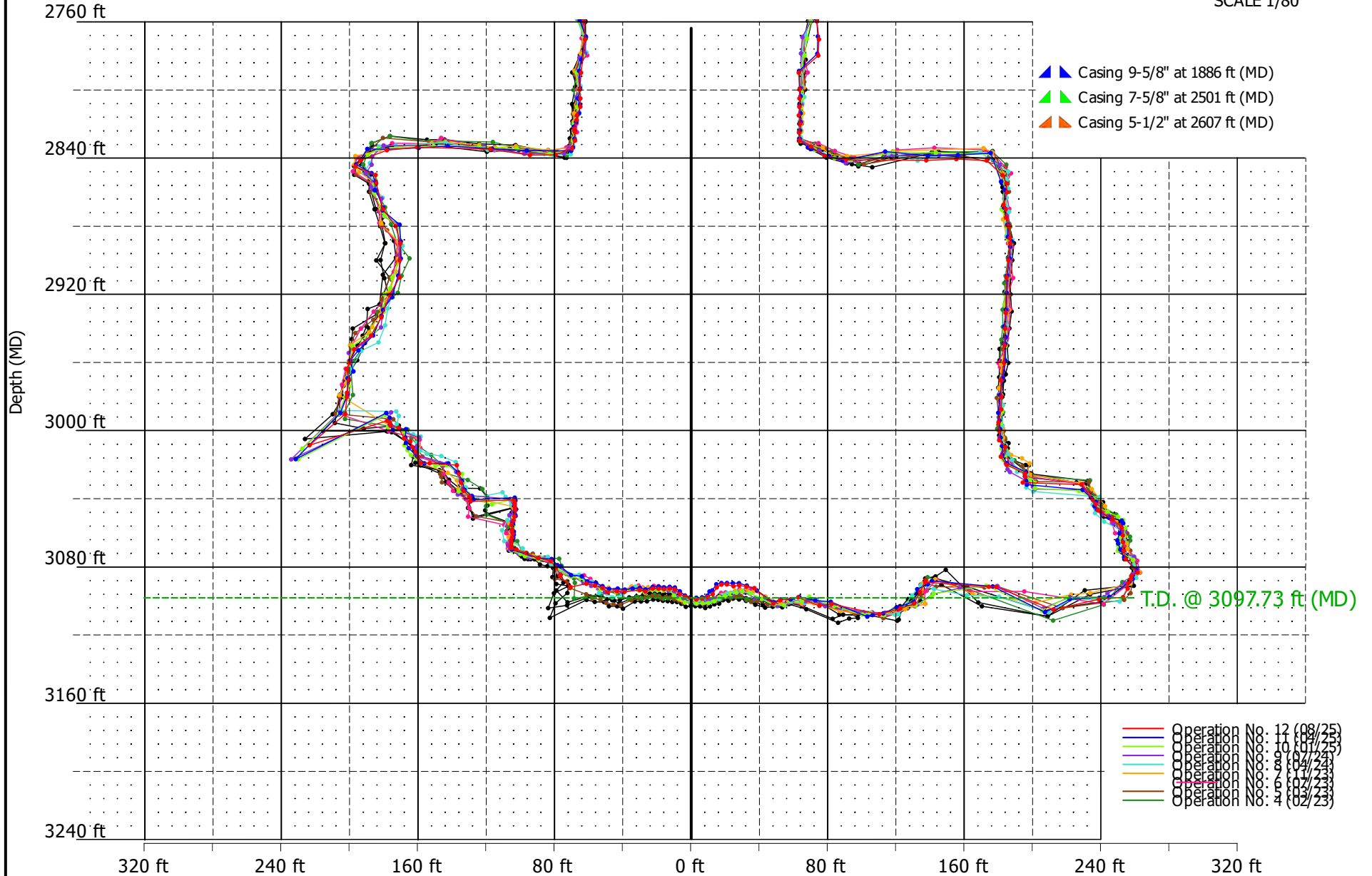
CAVERN : PPG No. 007B
OPERATION No. : 12



VERTICAL SECTION

← N270 3 N90 →

SCALE 1/80





CUSTOMER : Westlake US 2, LLC
DATE : August 05, 2025

CAVERN : PPG No. 007B
OPERATION No. : 12



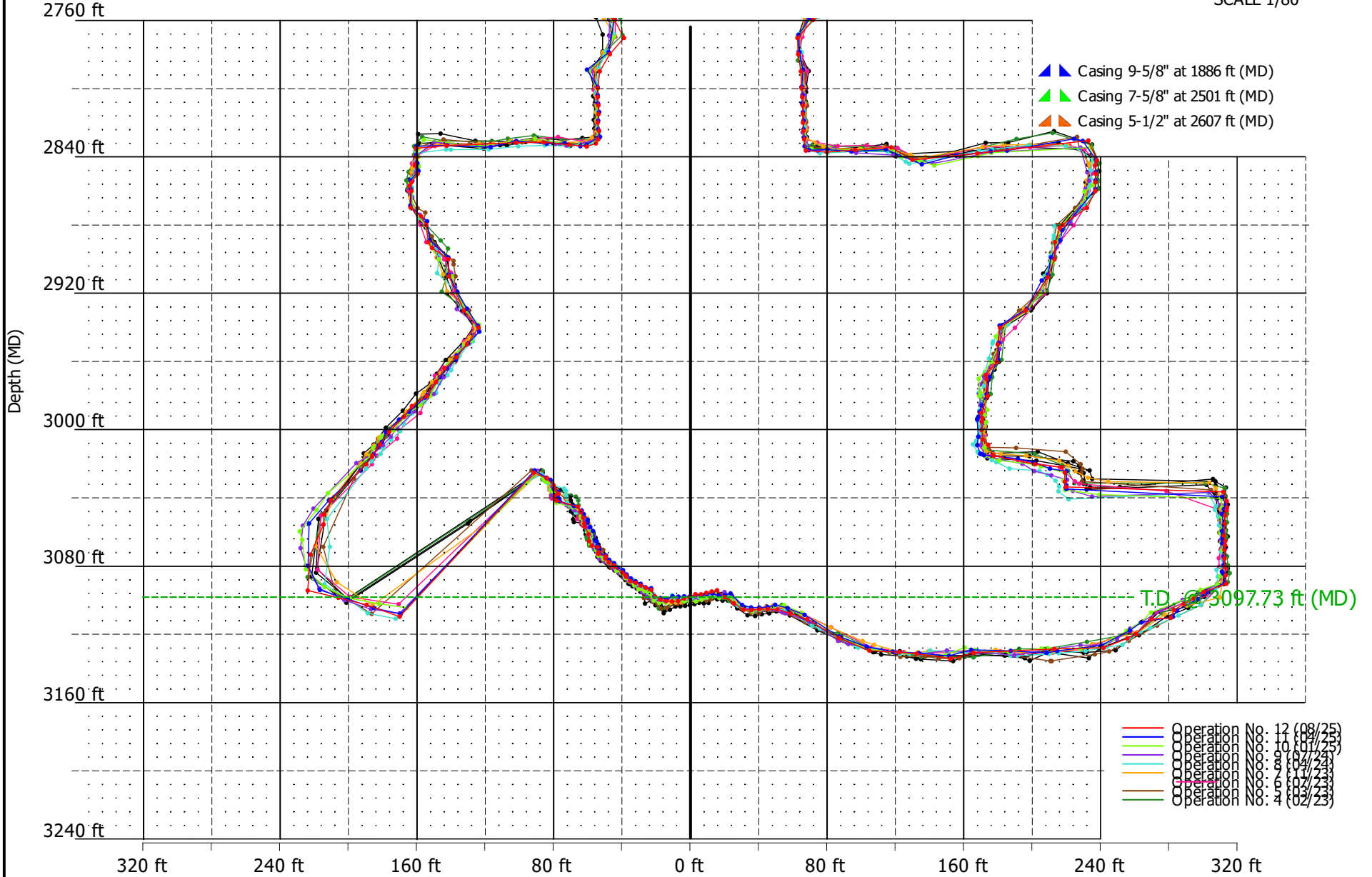
VERTICAL SECTION

← N315

4

N135 →

SCALE 1/80





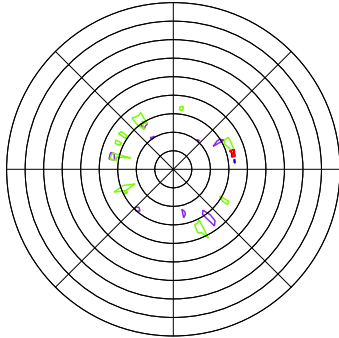
CUSTOMER : Westlake US 2, LLC
DATE : August 05, 2025

CAVERN : PPG No. 007B
OPERATION No. : 12

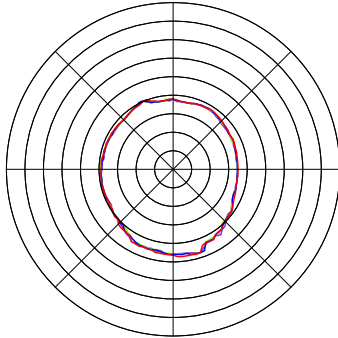


HORIZONTAL SECTIONS between 2510 ft and 2620 ft

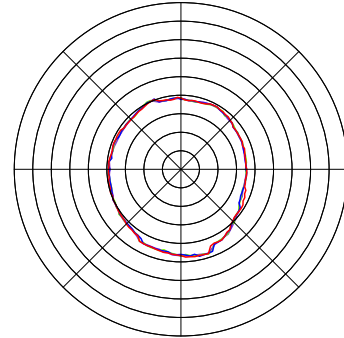
— Operation No. 12 (08/25) — Operation No. 11 (04/25) — Operation No. 10 (01/25) — Operation No. 9 (07/24) SCALE 50.0 ft per division



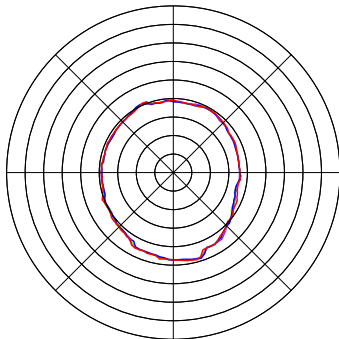
2510 ft / 116.15 ft²



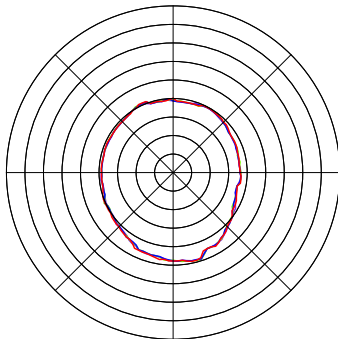
2520 ft / 97059.72 ft²



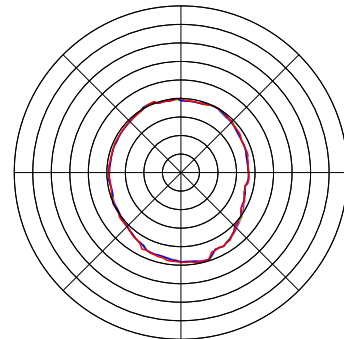
2530 ft / 98625.68 ft²



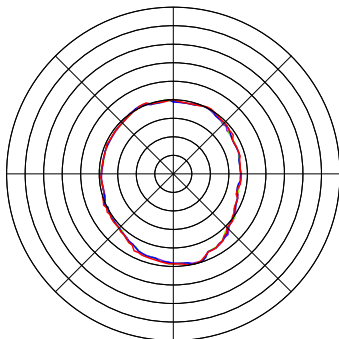
2540 ft / 100415.43 ft²



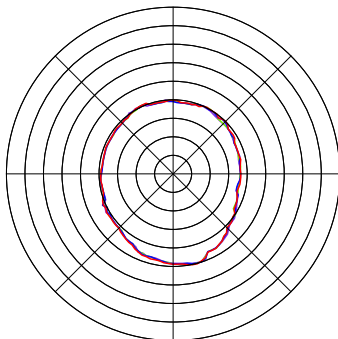
2550 ft / 101965.56 ft²



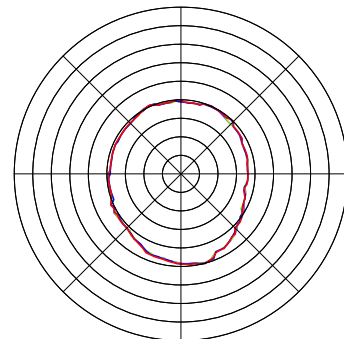
2560 ft / 103046.86 ft²



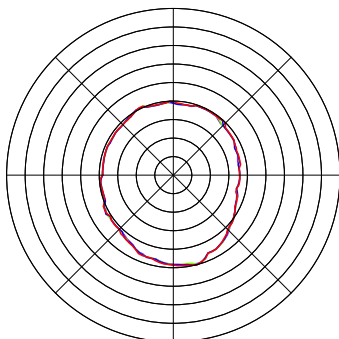
2570 ft / 103882.47 ft²



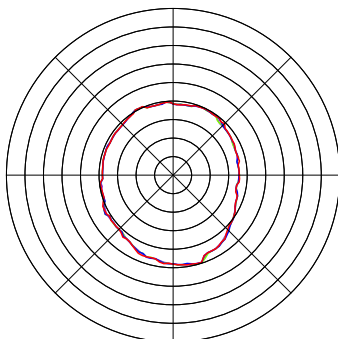
2580 ft / 104213.08 ft²



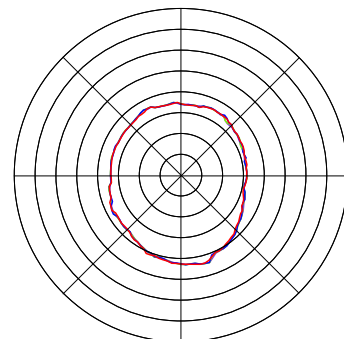
2590 ft / 103532.79 ft²



2600 ft / 103085.54 ft²



2610 ft / 102088.88 ft²



2620 ft / 100739.57 ft²

*All sections are oriented to Magnetic North.

Magnetic Declination= 0.6°



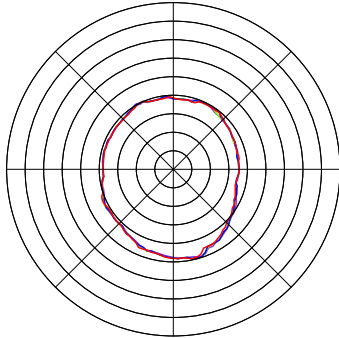
CUSTOMER : Westlake US 2, LLC
DATE : August 05, 2025

CAVERN : PPG No. 007B
OPERATION No. : 12

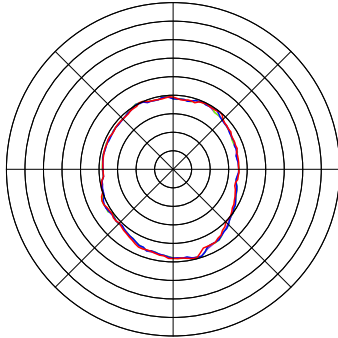


HORIZONTAL SECTIONS between 2630 ft and 2740 ft

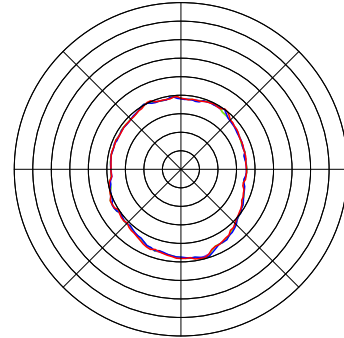
— Operation No. 12 (08/25) — Operation No. 11 (04/25) — Operation No. 10 (01/25) — Operation No. 9 (07/24) SCALE 50.0 ft per division



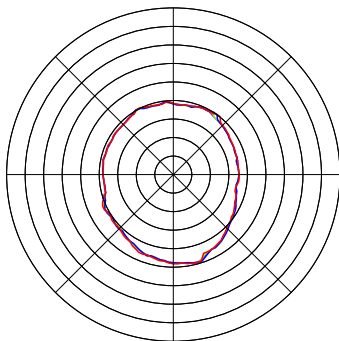
2630 ft / 100134.33 ft²



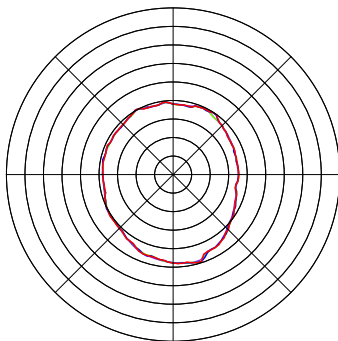
2640 ft / 100494.82 ft²



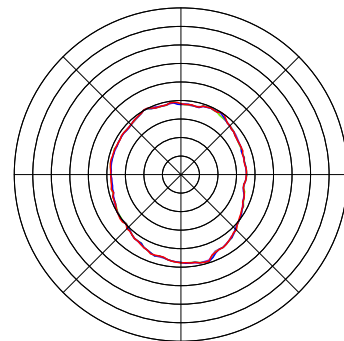
2650 ft / 100430.15 ft²



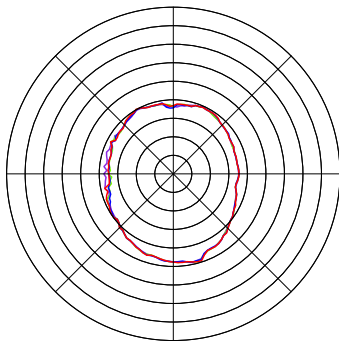
2660 ft / 99997.31 ft²



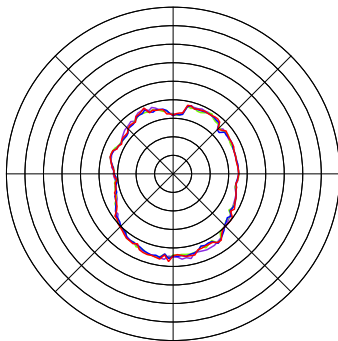
2670 ft / 99379.52 ft²



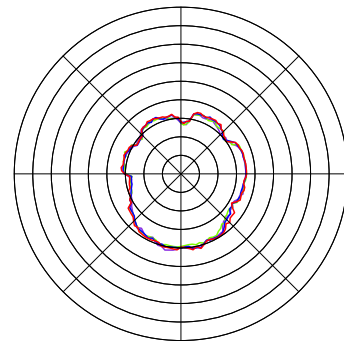
2680 ft / 99041.39 ft²



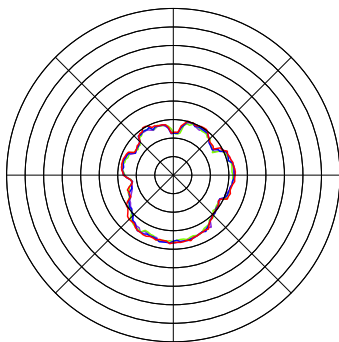
2690 ft / 96734.39 ft²



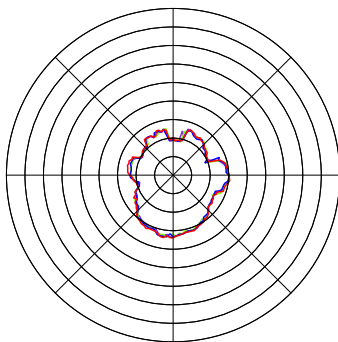
2700 ft / 88066.45 ft²



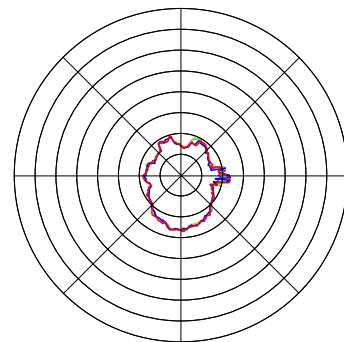
2710 ft / 73125.10 ft²



2720 ft / 57356.14 ft²



2730 ft / 42246.48 ft²



2740 ft / 28938.80 ft²

*All sections are oriented to Magnetic North.

Magnetic Declination= 0.6°



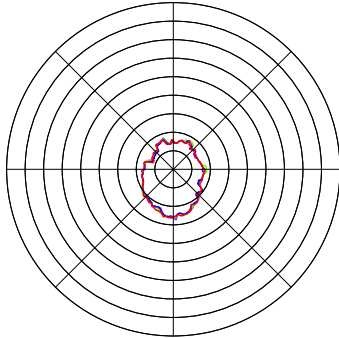
CUSTOMER : Westlake US 2, LLC
DATE : August 05, 2025

CAVERN : PPG No. 007B
OPERATION No. : 12

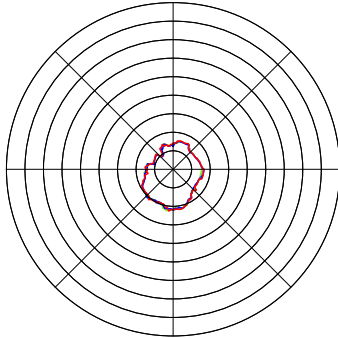


HORIZONTAL SECTIONS between 2750 ft and 2860 ft

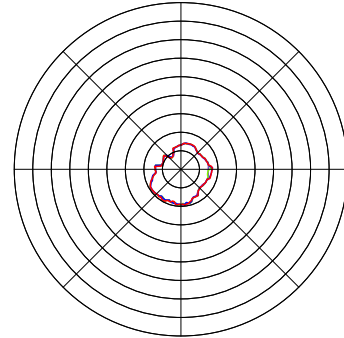
— Operation No. 12 (08/25) — Operation No. 11 (04/25) — Operation No. 10 (01/25) — Operation No. 9 (07/24) SCALE 50.0 ft per division



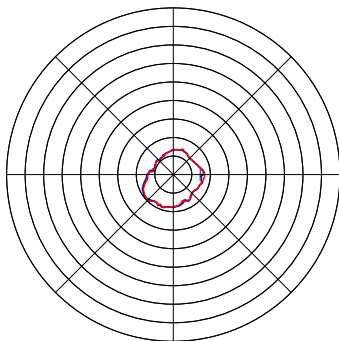
2750 ft / 20404.29 ft²



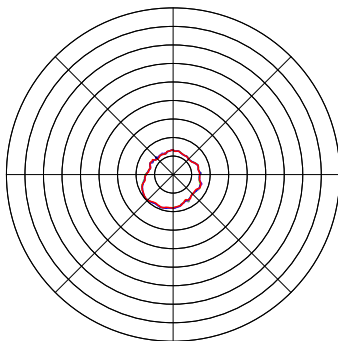
2760 ft / 16222.50 ft²



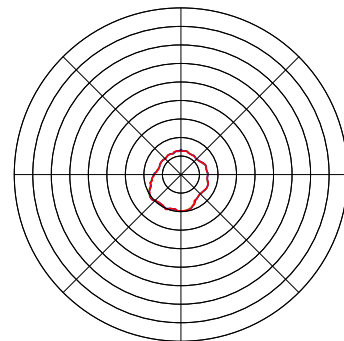
2770 ft / 14178.17 ft²



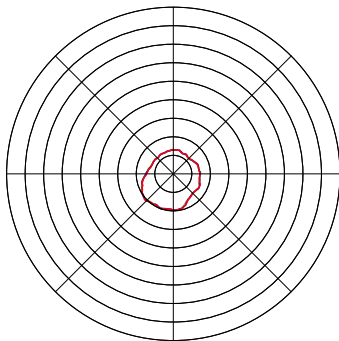
2780 ft / 13697.50 ft²



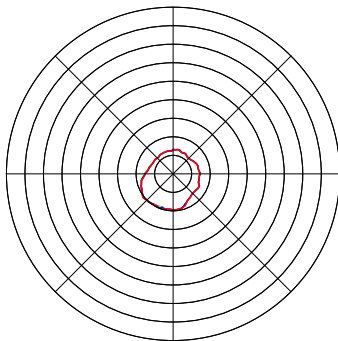
2790 ft / 13997.88 ft²



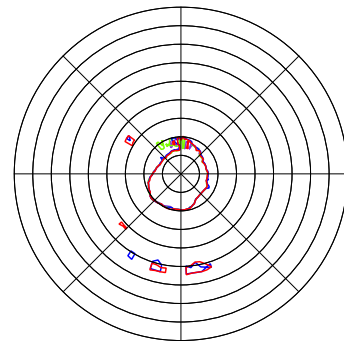
2800 ft / 14636.68 ft²



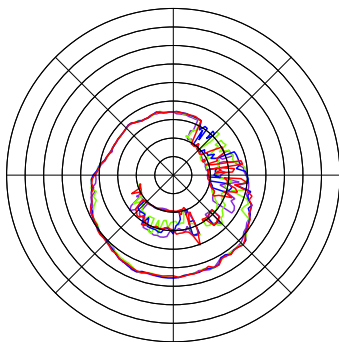
2810 ft / 14766.59 ft²



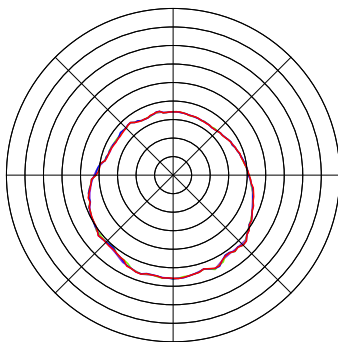
2820 ft / 14865.63 ft²



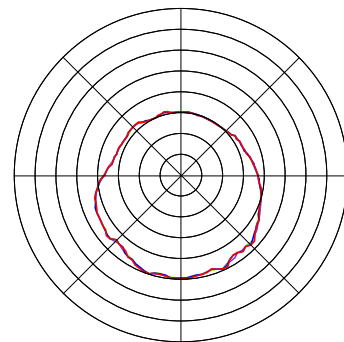
2830 ft / 18335.81 ft²



2840 ft / 99680.22 ft²



2850 ft / 120065.64 ft²



2860 ft / 120065.69 ft²

*All sections are oriented to Magnetic North.

Magnetic Declination= 0.6°



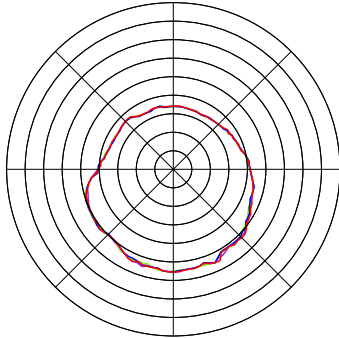
CUSTOMER : Westlake US 2, LLC
DATE : August 05, 2025

CAVERN : PPG No. 007B
OPERATION No. : 12

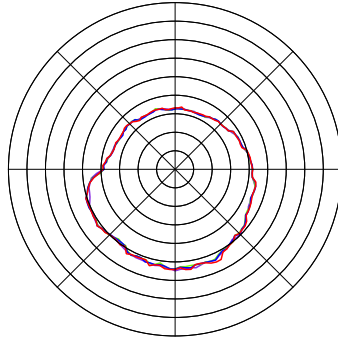


HORIZONTAL SECTIONS between 2870 ft and 2980 ft

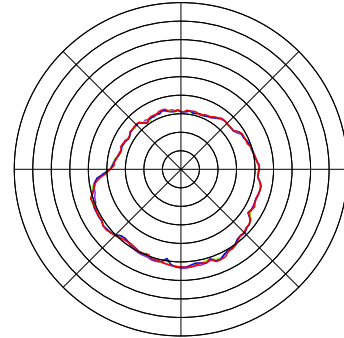
— Operation No. 12 (08/25) — Operation No. 11 (04/25) — Operation No. 10 (01/25) — Operation No. 9 (07/24) SCALE 50.0 ft per division



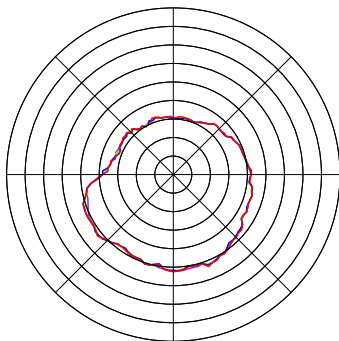
2870 ft / 118883.49 ft²



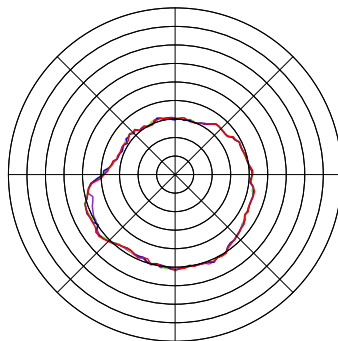
2880 ft / 115006.81 ft²



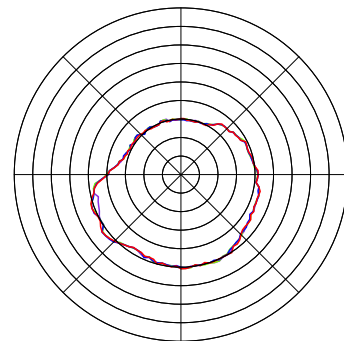
2890 ft / 111471.16 ft²



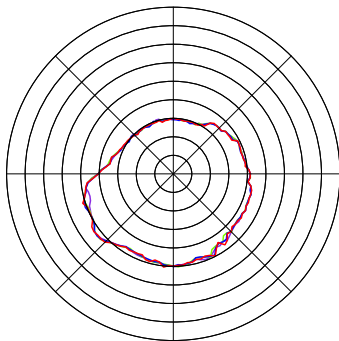
2900 ft / 108788.41 ft²



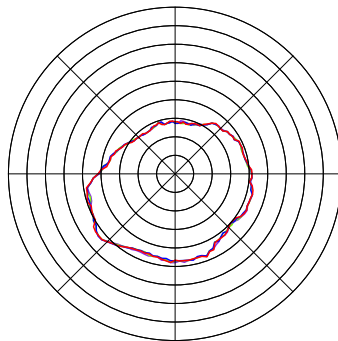
2910 ft / 107025.57 ft²



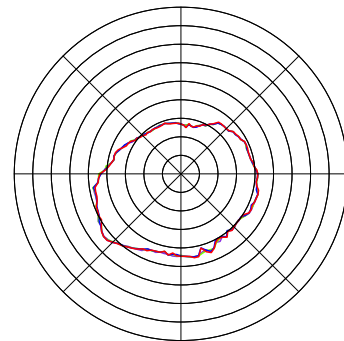
2920 ft / 105225.58 ft²



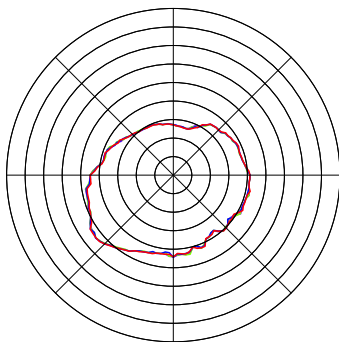
2930 ft / 102921.71 ft²



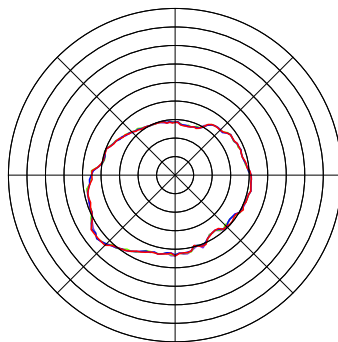
2940 ft / 98989.87 ft²



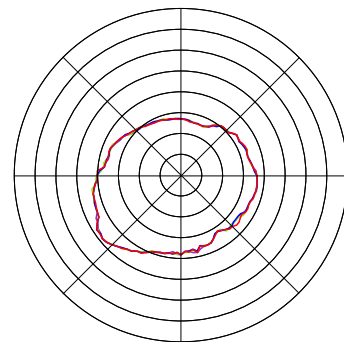
2950 ft / 96660.69 ft²



2960 ft / 96142.40 ft²



2970 ft / 97193.69 ft²



2980 ft / 99153.45 ft²

*All sections are oriented to Magnetic North.

Magnetic Declination= 0.6°



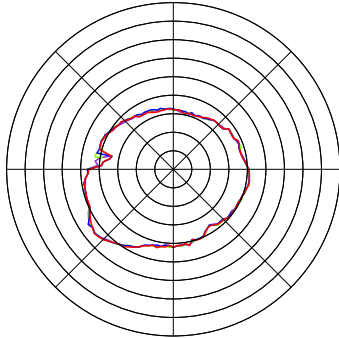
CUSTOMER : Westlake US 2, LLC
DATE : August 05, 2025

CAVERN : PPG No. 007B
OPERATION No. : 12

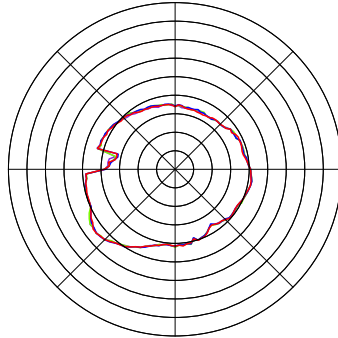


HORIZONTAL SECTIONS between 2990 ft and 3100 ft

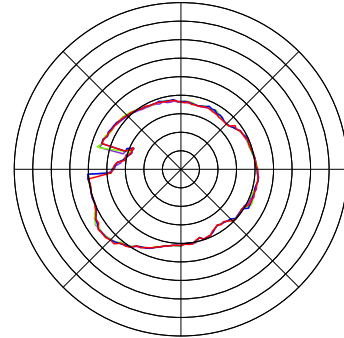
— Operation No. 12 (08/25) — Operation No. 11 (04/25) — Operation No. 10 (01/25) — Operation No. 9 (07/24) SCALE 50.0 ft per division



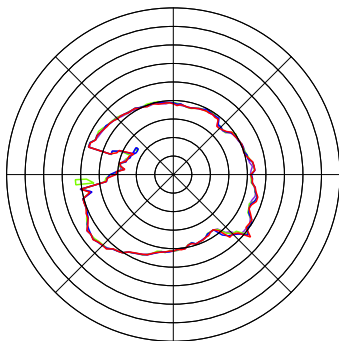
2990 ft / 100400.62 ft²



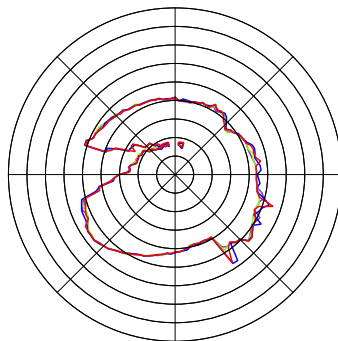
3000 ft / 102442.91 ft²



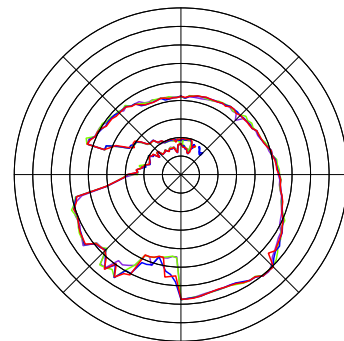
3010 ft / 105976.61 ft²



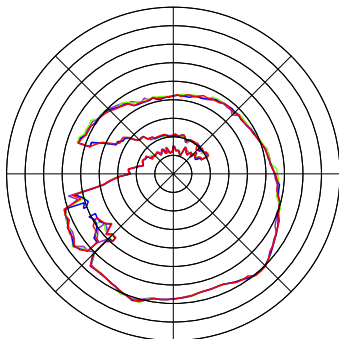
3020 ft / 112807.16 ft²



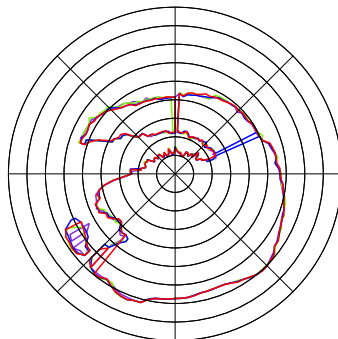
3030 ft / 119824.00 ft²



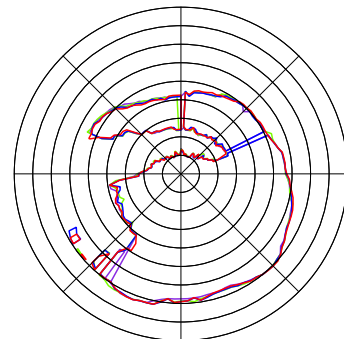
3040 ft / 165864.58 ft²



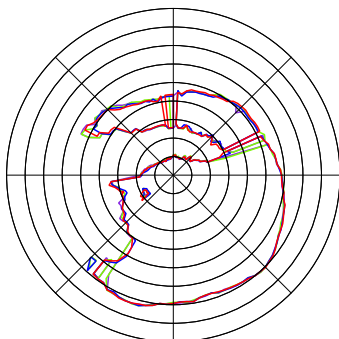
3050 ft / 176358.47 ft²



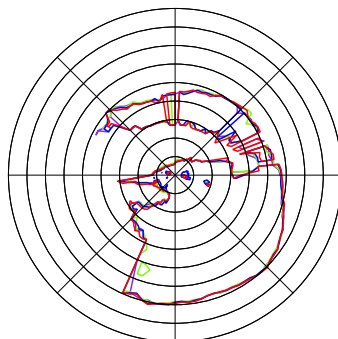
3060 ft / 168406.00 ft²



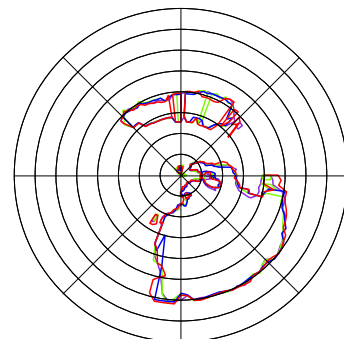
3070 ft / 162940.25 ft²



3080 ft / 153543.82 ft²



3090 ft / 126879.46 ft²



3100 ft / 88364.11 ft²

*All sections are oriented to Magnetic North.

Magnetic Declination= 0.6°



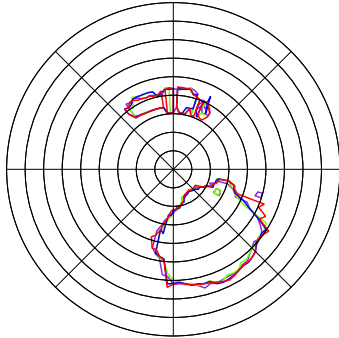
CUSTOMER : Westlake US 2, LLC
DATE : August 05, 2025

CAVERN : PPG No. 007B
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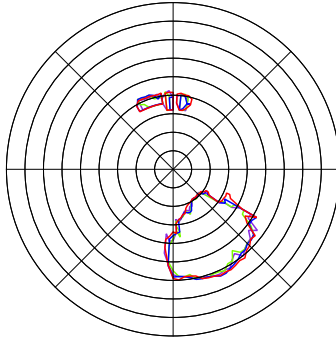


HORIZONTAL SECTIONS between 3110 ft and 3130 ft

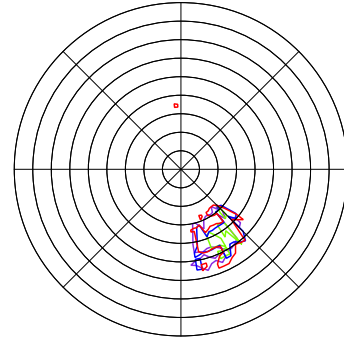
— Operation No. 12 (08/25) — Operation No. 11 (04/25) — Operation No. 10 (01/25) — Operation No. 9 (07/24) SCALE 50.0 ft per division



3110 ft / 55416.28 ft²



3120 ft / 35075.71 ft²



3130 ft / 9385.19 ft²

*All sections are oriented to Magnetic North.

Magnetic Declination= 0.6°



CUSTOMER : Westlake US 2, LLC
 DATE : August 05, 2025

CAVERN : PPG No. 007B
 OPERATION No. : 12



WALL RANGES VS DEPTH

DEPTH	2515.1		TILT	0		VOS	5960.00	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	166.0	166.3	163.1	163.4	163.1	163.1	165.7	165.4
24	166.3	93.7	165.6	167.8	167.5	166.0	165.1	163.7
48	163.1	161.9	116.2	158.9	159.2	158.9	157.7	158.0
72	156.8	157.1	156.5	154.4	154.4	154.1	154.1	155.0
96	156.2	154.4	155.3	149.0	149.1	144.8	159.5	160.9
120	160.9	156.9	173.7	174.1	158.2	43.2	175.3	181.4
144	186.6	186.6	184.7	192.9	193.2	193.2	209.8	210.1
168	210.7	81.7	210.4	77.8	206.3	203.6	204.6	200.3
192	198.1	197.6	198.5	70.8	201.2	200.3	196.4	192.0
216	34.1	155.2	182.5	179.7	174.7	174.7	93.5	101.4
240	174.7	173.5	105.5	173.5	173.5	175.6	174.1	174.4
264	174.1	172.6	41.0	172.6	173.2	172.3	170.2	170.5
288	169.6	170.2	119.7	171.1	169.9	169.9	169.9	170.5
312	167.5	167.8	167.8	171.4	171.4	169.9	82.4	174.0
336	178.6	31.2	127.2	169.3	167.5	165.1	166.9	167.5

DEPTH	2517.0		TILT	0		VOS	5960.00	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	166.6	166.3	164.7	164.0	163.4	162.5	165.6	165.8
24	167.2	166.6	166.6	167.8	168.2	166.5	165.7	164.0
48	163.1	161.9	160.7	160.7	158.6	159.4	158.6	157.4
72	157.1	157.1	155.9	155.0	155.0	154.9	154.4	155.2
96	155.7	155.3	155.6	154.1	154.7	157.6	160.3	162.5
120	162.8	165.8	173.6	174.1	174.4	174.4	176.1	182.6
144	186.3	186.6	188.5	193.5	192.9	194.2	211.3	211.3
168	211.2	207.8	210.4	205.1	206.3	203.9	204.7	203.9
192	203.9	201.2	201.2	197.6	81.4	201.2	200.3	191.7
216	189.4	188.7	188.3	182.2	175.8	180.0	173.4	172.6
240	175.3	173.8	173.8	173.5	173.5	175.3	174.6	174.2
264	174.1	172.8	172.9	172.5	173.8	172.6	170.3	170.7
288	170.3	170.6	171.3	171.2	169.9	170.3	170.3	170.3
312	167.9	167.7	167.7	171.2	171.6	171.6	173.7	174.2
336	178.7	171.6	171.4	168.8	167.2	165.8	166.7	169.0

DEPTH	2520.2		TILT	0		VOS	5960.00	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	168.4	166.9	164.0	163.7	163.4	163.7	165.7	166.3
24	166.8	167.0	167.9	169.3	168.4	167.1	166.3	164.5
48	162.4	162.3	161.9	159.8	158.9	160.4	160.4	157.8
72	157.7	157.7	156.2	156.2	155.6	155.3	155.3	155.3
96	156.2	155.3	155.6	155.3	158.0	160.1	161.2	163.1
120	165.8	169.8	173.5	173.5	175.0	175.3	177.4	184.7
144	185.7	186.6	194.8	194.5	192.4	195.8	211.0	211.3
168	209.8	210.3	210.4	209.8	206.3	205.4	204.8	203.9
192	204.2	200.6	201.2	200.0	201.9	200.6	200.3	191.4
216	189.7	188.3	188.1	186.3	177.7	180.6	177.4	174.4
240	175.4	173.2	172.6	174.1	173.5	174.7	175.6	173.8
264	174.1	173.2	172.3	172.3	173.5	172.8	171.1	172.0
288	170.8	170.8	171.4	170.5	171.2	170.4	170.4	169.7
312	168.4	167.5	167.5	171.0	171.3	174.4	173.2	174.4
336	178.9	179.2	172.1	169.6	166.6	166.0	166.3	168.6



CUSTOMER : Westlake US 2, LLC

CAVERN : PPG No. 007B

DATE : August 05, 2025

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**WALL RANGES VS DEPTH**

DEPTH	2525.0								TILT	0	VOS	5960.00
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21				
0	168.7	166.0	166.0	165.7	164.6	165.4	167.2	167.2				
24	169.9	169.3	169.0	170.1	169.5	168.1	167.2	164.6				
48	163.4	162.5	162.5	159.8	159.8	159.8	160.7	158.6				
72	157.4	157.7	156.0	156.0	154.3	154.2	155.9	155.6				
96	155.7	155.9	157.4	158.0	160.8	160.8	162.2	162.5				
120	168.0	172.0	172.6	171.4	175.3	175.3	177.8	185.1				
144	186.3	189.0	196.3	194.6	191.8	196.1	212.8	210.4				
168	208.7	211.0	210.8	209.0	206.3	203.9	205.1	204.5				
192	203.2	200.3	201.2	200.4	201.3	200.2	200.0	190.8				
216	190.1	187.8	187.6	185.9	180.2	180.6	179.5	176.0				
240	175.6	174.2	174.2	174.1	175.9	175.6	175.9	174.4				
264	174.1	175.3	172.6	172.9	173.1	173.1	172.4	172.3				
288	172.6	172.6	173.5	173.2	173.2	170.5	170.5	168.7				
312	167.5	168.1	168.1	170.5	170.8	173.3	173.8	175.6				
336	179.2	179.3	173.2	169.9	166.9	167.8	167.8	167.8				

DEPTH	2529.9								TILT	0	VOS	5960.00
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21				
0	170.8	166.9	165.7	167.2	167.5	166.0	166.3	168.0				
24	171.7	172.3	172.9	170.8	170.5	169.0	169.0	166.6				
48	165.1	160.7	161.3	160.7	160.7	160.7	161.0	158.0				
72	160.1	158.0	156.2	156.5	156.2	155.3	157.7	157.7				
96	157.7	156.2	157.7	157.7	163.4	163.4	167.2	166.9				
120	171.4	172.0	171.6	171.4	172.0	175.3	178.2	186.1				
144	186.9	191.9	195.6	195.5	194.1	197.4	212.7	211.9				
168	211.3	212.2	211.0	211.0	207.2	205.7	205.1	203.2				
192	203.6	202.1	201.0	199.6	200.3	200.0	199.4	190.1				
216	189.8	187.3	187.2	185.6	182.8	182.0	180.8	180.3				
240	178.6	178.3	178.3	176.2	178.3	175.6	176.2	176.2				
264	173.2	174.4	174.1	173.2	174.4	173.2	171.3	171.1				
288	172.4	173.5	172.3	172.9	172.9	172.6	168.7	169.3				
312	169.0	169.0	169.0	170.5	172.0	172.3	174.4	176.8				
336	178.3	179.5	172.6	170.8	170.5	167.8	168.7	172.9				

DEPTH	2535.1								TILT	0	VOS	5960.00
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21				
0	174.3	170.7	166.9	169.3	168.6	167.6	168.3	168.7				
24	172.1	173.3	173.3	172.9	171.4	169.9	169.3	167.2				
48	167.2	164.3	163.7	161.9	161.9	160.7	161.9	162.2				
72	160.4	157.7	158.0	157.4	158.0	156.8	156.8	156.8				
96	158.6	157.1	158.3	158.0	163.7	164.8	167.2	167.5				
120	171.4	172.0	171.4	174.6	175.0	177.7	182.5	186.6				
144	190.5	193.4	198.1	196.3	196.7	198.5	212.6	215.2				
168	213.0	213.1	211.5	210.5	209.8	208.7	209.5	207.8				
192	203.6	202.6	202.5	200.1	200.9	202.4	200.0	190.2				
216	189.3	186.9	186.6	185.7	183.3	182.4	181.8	180.0				
240	178.3	178.9	180.3	181.2	178.3	177.1	173.2	173.8				
264	173.8	173.4	172.9	172.4	173.2	170.9	170.2	169.9				
288	171.6	172.9	172.9	172.9	172.9	171.4	169.3	171.1				
312	169.9	169.6	171.1	172.8	173.2	173.2	174.7	178.0				
336	179.9	180.2	172.8	171.0	170.6	169.6	170.2	173.2				



CUSTOMER : Westlake US 2, LLC

CAVERN : PPG No. 007B

DATE : August 05, 2025

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**WALL RANGES VS DEPTH**

DEPTH	2539.9								TILT	0	VOS	5960.00
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21				
0	174.4	171.4	171.1	169.3	169.3	169.6	169.3	169.5				
24	172.3	174.7	174.1	172.9	173.8	170.2	170.2	169.9				
48	168.4	167.5	163.4	164.3	164.3	164.3	163.7	161.6				
72	159.8	159.8	158.3	158.9	158.6	159.2	159.5	159.5				
96	161.8	157.8	158.2	158.7	161.7	163.4	167.5	167.8				
120	168.1	170.5	174.9	176.3	175.3	179.5	184.2	187.2				
144	189.6	194.9	198.8	198.5	197.9	198.2	212.2	216.3				
168	214.5	213.8	211.9	210.4	209.7	209.3	208.1	210.1				
192	203.6	203.0	203.9	200.6	202.7	203.0	200.6	190.2				
216	190.2	186.6	186.9	184.5	183.4	184.0	183.2	179.6				
240	178.6	178.9	180.0	182.7	178.6	175.0	172.6	172.6				
264	172.6	170.8	174.1	171.7	173.5	171.7	171.7	169.9				
288	170.8	171.7	173.2	171.7	172.0	171.4	171.7	171.4				
312	171.4	173.2	171.7	172.9	172.6	173.5	175.9	179.2				
336	182.1	181.5	173.2	173.2	171.1	171.1	171.7	173.5				

DEPTH	2549.9								TILT	0	VOS	5960.00
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21				
0	178.6	171.7	171.7	171.4	171.1	171.4	171.4	171.4				
24	176.2	176.2	176.2	175.9	174.4	174.1	173.5	171.1				
48	171.7	169.3	166.3	164.6	164.6	165.1	164.6	164.3				
72	161.6	161.6	161.3	159.8	159.8	160.1	161.0	163.1				
96	163.4	163.4	157.0	158.8	160.1	162.5	166.0	167.6				
120	168.4	168.4	175.0	179.7	180.7	183.3	189.3	192.7				
144	194.9	200.3	204.2	200.0	200.0	201.5	214.9	217.9				
168	217.6	215.2	211.6	212.2	212.2	211.9	209.3	211.2				
192	208.3	206.1	204.3	204.6	203.9	203.9	195.5	191.4				
216	191.1	188.7	186.8	184.0	183.6	182.8	181.8	178.8				
240	179.3	178.9	179.2	179.2	177.7	174.4	172.0	171.7				
264	172.0	172.0	171.7	172.6	172.6	172.0	171.1	171.4				
288	172.9	172.9	173.5	172.6	172.0	172.0	172.3	172.6				
312	172.9	172.6	172.9	174.1	174.1	178.0	178.0	183.0				
336	182.7	182.4	174.4	174.4	174.4	172.9	172.9	175.6				

DEPTH	2559.8								TILT	0	VOS	5960.00
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21				
0	179.2	173.5	172.9	173.5	172.6	172.9	172.9	173.8				
24	176.8	178.0	178.0	177.1	176.5	174.1	172.6	171.7				
48	169.6	169.0	169.0	168.7	166.0	164.3	165.4	164.6				
72	165.4	166.0	163.4	163.1	161.3	161.9	162.2	163.1				
96	163.4	161.8	157.1	158.6	158.6	162.6	166.9	166.3				
120	167.1	171.4	178.6	178.6	181.1	182.6	191.4	194.4				
144	199.9	200.9	204.2	201.5	203.6	204.3	217.3	220.0				
168	218.8	218.5	215.5	215.8	215.5	213.7	214.0	213.7				
192	209.3	209.4	207.2	206.8	203.6	206.3	197.0	192.7				
216	192.0	189.0	185.4	184.2	182.4	182.4	182.4	178.6				
240	178.6	178.9	178.5	175.9	176.8	172.6	171.4	171.1				
264	171.4	173.8	173.8	173.2	173.8	172.3	172.3	172.0				
288	172.0	172.6	173.5	172.9	172.6	172.9	172.9	173.2				
312	173.8	173.8	174.4	174.4	175.0	175.6	177.7	180.6				
336	181.2	182.1	175.0	175.0	175.9	174.1	174.4	177.4				



CUSTOMER : Westlake US 2, LLC

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**WALL RANGES VS DEPTH**

DEPTH	2569.9		TILT		0		VOS		5960.00
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21	
0	178.3	174.8	173.5	173.2	172.6	173.2	174.1	174.7	
24	178.0	179.7	180.0	178.3	176.2	174.1	173.2	173.2	
48	173.2	169.9	170.8	171.2	163.7	163.4	164.3	164.6	
72	165.1	165.7	162.5	161.9	161.0	161.0	162.8	162.8	
96	162.5	162.5	158.6	158.2	158.3	165.4	166.0	166.0	
120	168.1	173.0	174.8	181.8	181.8	182.1	190.2	192.6	
144	200.3	200.9	205.1	205.4	205.4	211.5	218.2	221.2	
168	221.8	221.2	217.6	216.4	215.8	216.1	214.3	212.6	
192	211.2	210.4	209.7	209.3	206.6	207.5	197.6	196.4	
216	192.3	188.1	188.0	184.5	183.3	184.2	183.3	180.6	
240	183.3	179.9	183.2	180.0	178.9	172.6	171.7	172.3	
264	172.3	174.4	172.3	172.3	172.3	171.7	171.7	171.4	
288	171.7	172.7	174.7	172.9	172.6	172.6	173.2	173.2	
312	173.2	172.9	173.5	174.7	175.8	177.7	177.7	180.9	
336	182.1	182.1	176.8	175.6	175.3	174.1	174.7	177.1	

DEPTH	2579.9		TILT		0		VOS		5960.00
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21	
0	176.8	176.5	172.0	172.3	173.5	172.0	174.4	172.9	
24	177.7	179.2	178.0	177.7	178.0	172.8	176.3	178.3	
48	176.2	170.2	170.8	171.7	170.5	164.8	164.6	164.3	
72	164.3	164.3	165.7	163.4	161.6	161.6	162.2	162.5	
96	162.2	162.2	160.4	158.9	160.7	164.7	166.6	168.0	
120	168.7	176.2	176.5	181.2	182.7	182.7	191.4	192.9	
144	199.7	201.8	206.0	206.0	205.4	215.9	219.7	223.6	
168	223.0	220.6	217.6	217.0	217.0	215.5	214.6	211.3	
192	210.7	211.3	209.0	209.0	205.4	202.3	197.0	195.8	
216	193.2	190.5	188.1	184.2	184.5	184.2	183.3	183.9	
240	184.5	181.1	183.6	181.2	176.6	172.9	173.2	172.6	
264	174.1	174.1	173.2	173.2	171.1	171.1	171.1	171.7	
288	172.0	173.4	172.6	171.9	172.0	171.7	173.5	174.1	
312	172.6	172.9	174.1	172.9	176.2	177.4	180.0	180.4	
336	180.9	181.3	174.7	174.7	174.4	174.1	174.4	176.8	

DEPTH	2590.0		TILT		0		VOS		5960.00
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21	
0	176.9	171.9	172.3	172.3	171.9	171.3	176.8	176.8	
24	178.8	176.8	176.8	175.1	175.4	173.0	177.4	178.0	
48	169.5	169.9	169.9	169.5	169.5	163.8	163.0	164.2	
72	164.2	164.6	163.4	160.5	160.5	160.5	160.5	160.5	
96	160.5	160.1	156.5	155.7	159.6	164.6	165.0	165.8	
120	170.5	174.8	178.8	182.8	183.2	182.8	194.6	194.1	
144	199.0	202.0	206.7	205.5	206.7	215.5	218.8	223.1	
168	221.6	218.5	218.1	216.9	216.9	214.4	213.6	211.6	
192	209.6	208.8	208.8	207.6	207.3	201.1	197.4	194.6	
216	192.6	189.3	186.9	183.6	184.1	184.5	183.6	182.0	
240	183.6	181.6	184.5	180.4	175.1	173.1	173.6	173.9	
264	174.7	174.7	175.1	170.7	170.7	170.7	170.7	171.1	
288	171.1	171.9	172.7	172.3	171.9	171.5	171.5	172.3	
312	172.3	172.7	172.3	172.7	173.9	175.9	176.8	180.6	
336	181.6	175.9	173.9	173.9	173.9	174.0	174.6	178.4	



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**WALL RANGES VS DEPTH**

DEPTH	2599.9		TILT		0		VOS		5960.00
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21	
0	177.1	173.1	172.7	170.8	171.6	171.2	176.1	175.9	
24	175.9	176.3	175.5	175.5	175.1	174.7	177.1	176.3	
48	168.6	168.6	168.0	168.0	168.0	164.5	164.9	162.5	
72	163.3	163.2	163.1	163.3	159.0	159.0	159.3	159.3	
96	159.7	158.6	155.0	155.0	160.5	162.9	164.9	165.5	
120	171.2	173.4	178.2	181.4	182.2	183.9	190.4	194.0	
144	198.3	202.2	205.0	205.8	205.0	215.1	217.9	222.7	
168	220.3	219.2	218.0	218.0	216.0	214.8	214.5	212.5	
192	209.7	206.2	205.9	207.0	206.2	200.3	196.1	194.2	
216	192.0	189.7	188.9	183.8	184.5	184.5	183.8	180.2	
240	184.5	184.9	183.4	177.9	173.9	174.3	173.5	175.5	
264	175.5	175.5	170.0	170.0	170.4	170.4	170.4	171.6	
288	172.0	172.3	172.7	171.6	171.6	171.6	172.3	172.3	
312	171.6	171.6	172.0	172.0	174.5	175.6	179.4	181.1	
336	181.1	175.6	174.9	173.7	173.5	173.1	174.1	177.5	

DEPTH	2605.1		TILT		0		VOS		5960.00
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21	
0	175.9	172.7	170.8	170.4	172.0	172.3	175.8	175.5	
24	175.9	176.3	176.3	176.3	174.3	176.7	176.7	176.3	
48	168.1	167.9	167.0	167.2	167.6	166.1	163.9	161.5	
72	162.1	162.9	163.7	162.5	158.2	159.0	159.4	160.2	
96	160.2	156.7	154.6	154.6	161.1	163.7	163.3	165.9	
120	172.4	175.3	178.1	179.4	181.0	186.3	189.2	194.4	
144	197.5	202.0	203.8	204.6	205.4	209.3	219.4	220.8	
168	219.2	218.6	217.9	217.2	214.8	213.3	214.6	210.7	
192	208.9	205.4	205.4	207.4	205.0	199.9	195.4	194.0	
216	192.0	191.6	187.3	183.8	184.5	183.8	183.4	181.4	
240	184.9	184.5	184.1	179.1	175.1	174.7	174.7	175.5	
264	175.9	171.9	170.0	170.0	170.4	170.4	171.6	171.6	
288	171.6	171.6	172.7	170.8	170.8	170.8	170.8	172.3	
312	172.0	170.8	171.6	172.7	173.5	175.1	180.0	181.0	
336	180.6	175.5	173.9	173.9	173.9	173.1	174.3	175.9	

DEPTH	2610.3		TILT		0		VOS		5960.00
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21	
0	170.8	169.2	169.2	171.2	171.3	171.5	175.5	175.1	
24	175.9	176.5	175.7	174.3	174.3	176.3	171.6	174.5	
48	167.6	167.2	166.1	165.3	164.5	164.5	162.5	160.5	
72	160.5	161.3	162.5	157.8	158.2	158.6	158.6	159.5	
96	159.1	154.3	154.3	155.4	161.7	162.9	163.7	166.4	
120	172.0	174.7	177.9	179.8	181.0	184.8	190.0	197.5	
144	197.9	201.8	204.2	203.8	203.8	206.9	220.3	219.9	
168	218.0	218.0	216.0	215.2	213.7	211.7	213.7	211.0	
192	205.0	205.0	206.2	206.6	205.4	200.3	195.5	190.8	
216	189.3	191.6	186.3	183.4	183.9	183.4	184.4	181.8	
240	184.9	184.9	184.8	179.9	174.3	174.3	174.7	175.5	
264	175.9	169.2	169.6	170.0	170.0	170.4	171.6	171.6	
288	171.2	172.0	170.0	170.0	170.4	171.6	171.6	170.8	
312	170.8	171.6	172.7	173.5	174.7	175.5	180.6	179.8	
336	180.0	173.1	173.1	172.3	172.3	174.3	175.1	176.3	



CUSTOMER : Westlake US 2, LLC
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WALL RANGES VS DEPTH

DEPTH	2615.1		TILT			89		VOS		5960.20
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21		
0	100.4	100.4	100.4	100.4	100.2	100.4	100.4	100.4	100.4	100.4
24	100.4	100.4	100.4	100.4	100.4	100.4	100.2	100.4	100.4	100.4
48	100.4	100.4	100.4	100.4	100.2	100.4	100.4	100.4	100.4	100.2
72	100.4	100.4	100.4	100.4	100.4	100.4	100.4	100.4	100.4	100.4
96	100.4	100.2	100.4	100.4	100.4	100.4	100.4	100.4	100.4	100.4
120	100.4	100.4	100.2	100.4	100.4	100.4	100.4	100.4	100.4	100.2
144	100.4	100.4	100.4	100.4	100.4	100.4	100.4	100.4	100.4	100.4
168	100.4	100.4	100.4	100.4	100.2	100.4	100.4	100.4	100.4	100.4
192	100.4	100.4	100.2	100.4	100.4	100.2	100.4	100.4	100.4	100.4
216	100.2	100.4	100.4	100.2	100.4	100.4	100.4	100.4	100.4	100.4
240	100.4	100.2	100.2	100.4	100.4	100.2	100.4	100.4	100.4	100.4
264	100.4	100.4	100.2	100.4	100.4	100.2	100.4	100.4	100.4	100.4
288	100.4	100.2	100.2	100.4	100.4	100.4	100.4	100.4	100.4	100.4
312	100.4	100.2	100.4	100.4	100.2	100.4	100.2	100.4	100.4	100.4
336	100.2	100.4	100.4	100.4	100.4	100.4	100.4	100.4	100.4	100.4

DEPTH	2615.1		TILT			85		VOS		5960.20
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21		
0	100.6	100.8	100.6	100.4	100.6	100.6	100.6	100.6	100.6	100.6
24	100.6	100.6	100.4	100.6	100.6	100.6	100.6	100.6	100.6	100.6
48	100.4	100.6	100.4	100.6	100.6	100.6	100.6	100.6	100.6	100.6
72	100.6	100.6	100.8	100.4	100.6	100.6	100.4	100.6	100.6	100.6
96	100.6	100.6	100.6	100.6	101.0	100.6	100.6	100.6	100.6	100.6
120	101.0	101.0	100.6	100.6	100.6	100.6	100.6	100.6	100.6	100.4
144	100.6	100.6	100.4	100.6	100.4	100.8	100.6	100.6	100.6	100.4
168	100.6	100.6	100.4	100.6	100.6	100.4	100.4	100.4	100.4	100.6
192	100.6	100.4	100.6	100.6	100.6	100.6	100.4	100.4	100.4	100.6
216	100.6	100.6	100.4	100.6	100.6	100.6	100.6	100.6	100.6	100.4
240	100.6	100.6	100.4	100.4	100.6	100.4	100.6	100.6	100.6	100.6
264	100.6	100.6	100.6	100.6	100.6	100.6	100.6	100.6	100.6	100.6
288	100.6	100.6	100.4	100.6	100.6	100.6	100.4	100.4	100.4	100.6
312	100.6	100.4	100.8	100.8	100.8	101.2	100.8	100.8	100.8	100.8
336	100.8	100.4	100.6	100.8	100.6	100.6	100.6	100.6	100.6	100.8

DEPTH	2615.1		TILT			80		VOS		5960.20
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21		
0	102.0	101.8	101.8	101.8	101.8	102.6	101.8	101.6	101.6	101.6
24	102.6	102.6	102.6	102.6	101.8	102.4	102.2	101.6	101.6	101.6
48	101.6	101.6	102.6	102.6	103.0	102.0	102.0	101.6	101.6	101.8
72	102.0	101.6	101.6	101.6	101.6	102.4	101.6	101.6	101.6	101.8
96	101.8	101.8	101.8	101.6	102.0	101.6	101.8	101.6	101.6	102.0
120	102.0	101.8	102.0	102.0	102.0	101.8	101.8	101.6	101.6	101.6
144	102.0	102.0	101.8	101.6	101.8	101.6	101.6	101.6	101.6	101.8
168	101.8	101.8	101.8	102.0	101.6	101.6	101.6	101.6	101.6	101.6
192	101.6	101.6	101.6	101.4	101.4	101.6	101.6	101.6	101.6	101.6
216	101.6	101.6	102.4	101.6	101.6	101.6	101.4	101.6	101.6	101.6
240	101.4	101.4	101.8	101.6	101.4	101.6	101.6	101.6	101.6	101.4
264	101.6	102.4	102.4	102.6	102.4	101.8	101.8	101.6	101.6	101.8
288	101.6	101.8	101.8	101.6	101.6	101.8	101.6	101.6	101.6	101.6
312	101.6	101.8	101.8	101.8	101.8	101.8	101.8	101.8	101.8	101.8
336	101.8	102.0	102.4	102.4	101.8	102.2	102.2	102.2	102.2	102.0



CUSTOMER : Westlake US 2, LLC
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WALL RANGES VS DEPTH

DEPTH	2615.1			TILT 75			VOS 5960.20		
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21	
0	104.6	104.6	103.4	103.4	104.4	104.0	104.2	104.0	
24	104.6	104.4	103.2	105.6	103.8	104.2	104.0	103.8	
48	103.8	103.8	103.8	104.4	103.4	103.4	104.0	103.6	
72	103.4	103.2	103.6	103.6	103.6	103.8	103.6	103.8	
96	103.8	103.8	104.8	104.0	104.6	104.4	104.4	104.4	
120	103.4	104.6	103.2	105.0	103.4	103.8	104.8	104.6	
144	104.6	103.8	104.4	104.4	104.0	104.4	104.6	103.8	
168	103.8	104.6	104.6	104.2	104.2	103.4	103.6	103.6	
192	103.6	104.4	103.6	103.4	104.2	104.8	104.2	104.2	
216	104.2	103.8	104.6	104.8	104.6	104.2	105.0	104.6	
240	103.6	104.0	103.8	104.0	103.6	104.0	103.8	103.6	
264	103.6	103.6	103.4	103.8	104.9	104.1	104.0	104.6	
288	103.6	103.6	104.6	103.8	103.0	104.2	105.2	104.8	
312	102.8	103.0	103.0	103.8	104.0	103.0	104.6	103.6	
336	103.4	103.4	103.4	103.8	103.8	104.2	103.8	103.8	

DEPTH	2615.1			TILT 70			VOS 5960.20		
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21	
0	107.5	107.3	106.2	106.2	105.7	105.6	105.6	105.6	
24	106.3	106.9	106.6	106.2	107.5	107.1	106.2	106.2	
48	106.6	106.9	106.9	106.9	106.0	106.0	107.5	107.7	
72	106.9	107.3	107.5	107.1	107.5	107.3	107.9	107.9	
96	107.9	108.3	108.3	108.3	107.8	109.1	107.9	107.9	
120	108.9	107.7	107.9	108.0	107.8	106.7	106.7	106.7	
144	107.9	107.1	107.3	107.3	108.3	107.3	106.4	108.5	
168	106.9	106.9	106.6	107.7	107.7	107.7	107.5	106.3	
192	107.5	107.9	106.2	106.9	106.9	107.9	106.0	106.2	
216	106.2	106.2	106.2	107.3	107.3	107.7	106.6	107.1	
240	107.7	107.3	107.1	107.1	107.7	107.7	107.9	107.1	
264	107.3	106.6	106.6	106.4	107.7	106.6	106.4	106.2	
288	107.2	107.2	106.2	106.2	106.2	107.1	106.1	108.1	
312	105.7	108.1	105.6	106.2	106.6	107.7	107.9	108.3	
336	106.3	106.2	107.7	106.2	107.3	107.1	107.1	107.5	

DEPTH	2615.1			TILT 65			VOS 5960.20		
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21	
0	110.9	110.9	110.5	110.5	111.1	110.3	110.3	110.1	
24	111.7	111.7	110.7	110.5	112.5	111.5	110.5	110.5	
48	111.3	110.5	110.5	110.5	110.5	110.7	110.9	109.5	
72	111.3	111.7	111.8	111.9	111.3	112.0	112.0	112.0	
96	111.8	111.8	111.0	112.5	110.7	111.1	110.3	111.1	
120	112.3	112.1	111.9	112.9	110.9	109.9	110.5	110.7	
144	112.7	110.7	110.7	111.3	110.3	110.7	112.3	110.7	
168	112.7	111.8	111.8	112.0	112.0	112.0	112.5	112.5	
192	112.7	111.5	111.3	111.3	111.1	110.5	110.5	110.5	
216	111.3	111.3	111.1	112.3	111.4	111.0	110.5	110.5	
240	110.5	110.5	112.1	111.9	112.1	111.7	111.3	111.1	
264	112.1	109.5	109.3	111.1	111.8	111.7	110.8	110.3	
288	110.3	109.9	110.7	110.3	110.3	110.1	109.5	110.3	
312	111.3	111.3	109.9	110.1	109.9	111.9	111.9	112.9	
336	112.1	110.3	113.1	111.0	111.7	110.1	111.7	111.7	



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WALL RANGES VS DEPTH

DEPTH	2615.1			TILT			60			VOS			5960.20		
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21							
0	116.6	115.5	115.5	114.8	115.9	115.9	115.2	116.6							
24	115.9	116.2	116.2	116.6	117.0	117.0	117.4	117.9							
48	116.2	116.6	116.6	115.5	115.5	116.6	115.9	115.9							
72	117.2	116.9	116.9	115.5	115.5	115.5	116.9	115.9							
96	116.9	118.3	116.2	116.2	116.2	117.2	116.6	117.2							
120	117.2	116.7	117.2	116.9	116.6	115.9	115.9	115.5							
144	115.9	116.2	116.6	116.2	116.6	115.9	115.9	116.2							
168	117.2	117.9	117.6	117.2	116.6	117.2	115.2	116.6							
192	115.9	117.4	116.2	116.2	116.9	116.6	115.2	116.9							
216	114.1	116.2	116.2	116.2	116.2	114.8	116.0	116.6							
240	114.8	116.6	115.5	116.2	118.3	116.2	116.9	116.2							
264	117.6	116.6	116.6	116.6	116.6	117.6	115.9	116.6							
288	115.9	116.6	115.9	115.3	115.9	115.9	115.9	115.2							
312	117.9	116.6	116.9	116.2	116.2	116.9	116.9	117.9							
336	117.9	117.6	116.9	116.9	116.9	115.5	115.2	116.6							

DEPTH	2615.1			TILT			55			VOS			5960.20		
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21							
0	121.4	123.5	123.2	122.8	122.8	124.5	123.5	123.5							
24	121.4	123.8	123.8	124.9	124.9	122.9	122.9	125.4							
48	122.5	122.1	122.1	124.5	122.8	123.8	124.9	123.8							
72	122.3	122.3	122.8	121.7	123.9	123.3	123.4	123.3							
96	123.4	123.5	123.4	123.4	124.6	124.7	124.0	124.0							
120	124.9	122.1	122.4	121.0	124.7	124.0	124.6	123.9							
144	124.0	122.8	124.2	122.8	122.8	124.0	124.2	124.2							
168	122.9	123.5	122.9	122.9	122.8	122.9	123.9	124.0							
192	124.6	124.7	122.1	122.1	122.3	122.8	122.6	123.4							
216	123.2	123.4	122.8	122.8	122.8	122.6	122.7	123.3							
240	122.4	124.2	124.2	122.1	122.1	122.1	123.5	123.5							
264	123.5	122.1	121.6	121.6	123.1	122.8	122.1	123.8							
288	124.2	123.8	123.1	121.5	124.9	124.5	123.5	122.6							
312	124.2	124.2	123.8	123.9	123.8	123.4	123.8	123.8							
336	123.8	123.8	122.4	122.4	123.7	121.7	122.8	123.8							

DEPTH	2615.1			TILT			50			VOS			5960.20		
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21							
0	130.7	131.1	132.5	130.4	131.3	131.7	131.7	131.7							
24	131.7	132.5	133.1	133.1	133.1	132.8	134.5	134.5							
48	132.5	132.5	131.1	132.1	132.7	132.1	132.5	132.8							
72	129.7	132.5	130.7	132.5	130.4	130.4	131.1	131.1							
96	130.0	130.0	133.8	133.5	131.7	132.2	133.1	131.4							
120	132.8	130.7	132.1	131.1	131.8	130.7	132.1	131.8							
144	131.1	132.5	132.5	132.5	132.3	132.1	131.1	129.3							
168	129.3	130.0	129.7	129.7	131.0	131.9	132.5	131.6							
192	132.0	132.6	131.1	130.7	127.6	130.7	130.0	131.8							
216	132.5	132.5	131.4	131.4	131.1	131.1	131.1	132.5							
240	132.1	132.5	132.1	130.7	130.7	129.3	132.3	132.3							
264	133.5	133.5	133.1	133.1	133.1	132.8	131.0	133.1							
288	132.1	132.1	130.4	130.9	132.5	132.5	130.4	130.4							
312	131.4	131.4	132.1	133.1	133.0	132.5	130.0	132.4							
336	132.4	133.8	135.2	133.1	131.8	133.1	133.1	130.7							



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WALL RANGES VS DEPTH

DEPTH	2615.1		TILT		45		VOS		5960.20
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21	
0	142.1	142.5	142.7	142.3	144.9	143.2	141.1	141.1	
24	143.6	139.7	143.6	145.1	141.4	141.4	142.8	143.6	
48	142.4	144.9	144.9	143.5	144.9	144.2	143.1	144.6	
72	140.8	140.8	144.2	142.3	142.8	142.8	143.5	143.9	
96	141.8	143.5	141.8	141.4	143.5	143.5	143.1	142.8	
120	142.5	142.5	142.5	143.5	143.9	141.8	142.1	142.8	
144	144.2	142.1	142.1	143.5	144.6	142.1	142.3	141.7	
168	141.7	141.4	141.4	141.4	141.4	143.5	143.1	141.1	
192	141.1	142.5	139.4	140.4	139.7	142.1	144.2	141.8	
216	143.2	143.9	142.7	142.7	141.8	141.4	140.9	141.4	
240	140.8	144.6	142.1	142.1	142.1	141.4	143.2	143.2	
264	143.2	140.4	142.3	142.7	143.6	143.4	141.8	141.8	
288	142.8	143.9	143.9	144.6	144.6	144.9	141.8	142.8	
312	142.0	142.8	142.2	144.2	144.2	144.2	141.0	142.8	
336	142.8	143.9	143.9	143.9	143.9	143.5	144.1	143.2	

DEPTH	2615.1		TILT		40		VOS		5960.20
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21	
0	159.0	158.8	154.7	154.7	157.7	155.0	156.6	157.8	
24	158.3	155.0	158.1	159.8	152.7	155.0	156.0	157.4	
48	157.4	155.4	154.7	154.7	154.7	157.8	159.0	156.2	
72	158.2	156.6	160.4	160.0	159.8	158.4	155.0	157.4	
96	155.0	153.1	158.8	156.0	157.4	157.1	157.4	157.2	
120	155.8	156.8	155.8	156.6	155.8	155.8	155.8	157.9	
144	158.1	158.4	156.6	157.4	158.3	156.8	156.8	157.3	
168	155.8	155.7	156.6	158.4	155.4	155.4	155.4	155.8	
192	155.8	153.1	158.2	153.9	159.8	158.2	158.2	154.7	
216	156.6	157.0	155.4	157.8	158.6	158.1	154.5	155.3	
240	153.9	153.3	154.2	155.2	155.7	156.1	154.7	155.2	
264	155.7	155.7	155.7	156.9	157.3	158.2	157.8	155.8	
288	155.8	157.8	155.4	159.0	156.2	156.2	153.5	156.0	
312	156.6	156.6	156.6	158.5	157.6	158.1	156.1	156.1	
336	156.6	156.6	156.6	156.6	155.7	157.1	157.1	157.1	

DEPTH	2615.1		TILT		35		VOS		5960.20
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21	
0	179.6	181.1	174.0	175.8	179.1	173.5	175.4	177.7	
24	177.4	173.9	178.6	178.7	172.9	173.1	173.1	173.1	
48	173.4	174.9	174.0	174.0	174.0	175.5	175.9	174.8	
72	186.5	184.2	184.5	183.0	182.6	177.8	174.9	176.1	
96	177.4	174.6	181.4	175.1	175.3	174.5	176.1	176.0	
120	175.1	178.2	175.9	176.0	174.6	174.7	176.3	176.1	
144	176.9	177.8	177.6	175.1	175.9	175.9	175.9	177.8	
168	176.7	174.8	176.0	176.2	174.8	175.9	171.2	171.2	
192	175.9	173.5	176.7	175.3	175.3	175.3	173.4	172.0	
216	175.2	175.3	175.0	175.8	177.0	176.9	174.0	177.4	
240	175.8	174.8	174.8	175.8	175.8	175.3	174.7	178.3	
264	178.4	175.9	174.1	174.3	176.0	176.2	174.3	173.4	
288	173.4	175.8	172.9	176.5	174.9	174.3	174.3	175.3	
312	178.7	175.3	175.3	176.3	175.7	176.0	175.2	175.4	
336	176.9	174.7	171.6	177.2	177.2	178.2	182.6	177.2	



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WALL RANGES VS DEPTH

DEPTH	2615.1			TILT	32	VOS			5960.20
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21	
0	190.2	190.7	188.7	190.9	191.2	189.1	189.5	191.6	
24	191.9	186.4	193.3	194.7	188.3	188.4	188.5	188.6	
48	189.5	189.5	188.5	188.1	186.4	187.5	186.5	185.6	
72	185.0	185.1	183.8	183.2	182.9	182.9	182.6	182.9	
96	182.9	183.0	183.4	181.9	184.3	185.3	188.1	189.1	
120	189.1	187.8	189.8	189.8	188.6	189.2	189.9	191.9	
144	195.0	191.1	191.1	192.4	190.0	191.5	187.1	193.7	
168	193.2	193.2	190.1	192.4	193.3	185.6	186.7	189.8	
192	192.4	189.9	192.8	189.0	194.5	192.4	192.4	187.1	
216	188.1	188.1	189.4	189.8	189.4	187.7	187.7	189.7	
240	189.5	189.0	188.8	189.5	189.5	189.3	189.0	191.0	
264	191.3	189.5	187.7	188.8	189.6	189.6	188.8	188.4	
288	188.4	189.3	186.0	189.7	188.9	188.8	188.8	189.4	
312	195.7	189.1	189.1	189.6	189.3	189.4	189.5	189.8	
336	192.5	188.1	185.6	189.9	194.3	193.3	194.0	189.7	

DEPTH	2615.1			TILT	30	VOS			5960.20
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21	
0	194.0	192.4	189.4	188.9	188.5	189.1	190.8	191.6	
24	191.6	192.0	193.2	194.0	194.4	192.4	191.6	189.7	
48	186.9	187.3	187.0	184.4	184.0	184.7	186.1	182.6	
72	181.0	182.0	179.8	179.8	177.5	177.5	179.8	179.4	
96	179.4	179.8	181.4	181.8	184.2	184.2	186.5	188.0	
120	190.9	194.8	200.3	200.3	200.3	200.3	200.3	204.6	
144	210.1	201.3	201.2	202.1	200.7	203.6	198.9	206.2	
168	206.0	204.0	201.1	205.9	207.9	197.1	196.7	197.8	
192	202.1	202.6	204.5	199.3	205.4	201.2	201.5	200.7	
216	199.9	199.3	200.4	203.8	200.7	200.7	198.3	198.3	
240	200.1	200.1	199.5	200.1	200.1	200.1	200.1	200.2	
264	200.7	199.2	199.9	199.2	199.9	198.9	196.3	196.7	
288	196.3	196.7	197.5	197.5	196.0	196.3	196.3	196.3	
312	194.0	193.5	193.5	197.7	197.9	197.4	200.7	200.7	
336	204.6	196.9	196.3	194.4	192.5	192.1	192.1	194.9	

DEPTH	2615.1			TILT	25	VOS			5960.20
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21	
0	192.0	188.5	185.7	186.7	186.1	185.3	186.1	186.1	
24	189.7	190.8	190.8	190.5	189.1	187.5	187.0	185.7	
48	184.5	182.2	180.2	180.2	179.8	180.4	180.2	177.9	
72	176.4	176.7	175.9	175.1	173.9	175.5	176.3	176.3	
96	178.3	174.9	173.5	175.1	178.3	180.2	183.8	184.9	
120	188.8	189.7	189.2	192.0	192.0	196.3	196.3	205.0	
144	204.6	209.5	216.1	214.4	211.3	217.6	232.9	232.9	
168	232.9	231.4	232.1	228.7	227.4	226.2	225.9	224.9	
192	225.2	221.2	221.9	221.5	222.7	220.7	220.8	210.1	
216	209.7	206.6	206.6	204.6	201.5	200.7	199.5	199.5	
240	197.9	197.9	199.1	196.6	196.6	194.6	191.6	192.3	
264	191.6	191.6	190.4	190.1	190.8	188.6	188.0	187.4	
288	189.2	190.8	190.6	190.7	190.7	189.0	187.3	188.7	
312	187.7	187.7	188.8	190.4	190.9	190.9	192.6	195.6	
336	196.7	197.5	190.4	188.5	188.1	187.3	188.0	190.8	



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WALL RANGES VS DEPTH

DEPTH	2615.1			TILT			20			VOS			5960.20		
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21							
0	190.0	183.2	183.0	183.4	183.8	183.0	183.0	184.2							
24	188.1	186.9	188.1	186.1	186.5	185.2	185.3	181.8							
48	181.0	179.0	178.6	177.9	177.5	175.5	175.6	174.9							
72	174.2	174.7	173.1	171.6	172.0	171.6	172.1	173.5							
96	173.1	173.5	166.5	168.8	169.1	172.9	177.1	177.7							
120	177.1	179.4	186.1	191.2	192.0	194.5	199.7	202.6							
144	204.7	209.5	212.9	212.1	211.7	212.1	226.0	229.4							
168	227.4	227.0	225.3	223.5	222.7	222.5	221.5	223.0							
192	217.1	216.4	217.0	214.3	215.8	216.1	211.9	203.1							
216	202.9	200.0	199.1	195.6	195.2	194.4	193.2	190.1							
240	190.6	190.3	190.7	190.6	188.9	185.3	182.8	182.5							
264	182.8	183.5	183.2	183.8	183.9	183.1	182.4	182.5							
288	184.2	183.8	184.9	183.0	183.1	183.2	183.5	183.8							
312	184.2	183.9	184.3	185.7	185.7	189.2	189.3	194.2							
336	194.3	194.4	185.6	185.6	185.8	184.2	184.3	187.0							

DEPTH	2615.1			TILT			15			VOS			5960.20		
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21							
0	184.9	180.6	179.5	179.0	178.6	179.2	180.0	181.0							
24	183.9	185.5	185.8	184.2	182.4	180.2	179.2	179.1							
48	178.9	175.8	176.7	177.1	170.2	169.3	170.0	170.3							
72	170.8	171.4	168.7	167.8	166.7	167.2	167.2	168.0							
96	168.0	168.1	165.7	164.1	163.7	171.2	171.9	172.0							
120	173.9	178.6	180.6	187.1	187.9	188.5	197.1	199.5							
144	207.0	208.0	211.4	209.1	210.9	211.8	224.2	227.0							
168	227.0	225.1	222.2	222.5	221.5	221.5	221.1	220.7							
192	216.5	216.5	214.4	214.1	211.0	213.5	204.1	200.7							
216	198.8	195.2	193.3	190.9	189.4	190.1	189.3	186.3							
240	186.5	185.7	188.0	185.4	184.5	178.6	177.7	178.2							
264	178.3	179.8	178.5	178.4	178.5	177.8	177.8	177.5							
288	177.7	178.6	181.0	179.0	178.6	178.7	179.2	179.3							
312	179.3	179.1	179.7	181.0	181.8	184.5	184.5	188.1							
336	188.9	187.3	183.0	181.6	181.5	180.2	180.8	184.9							

DEPTH	2615.1			TILT			10			VOS			5960.20		
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21							
0	179.5	175.9	174.7	174.9	175.4	173.9	178.1	177.3							
24	180.8	181.0	179.4	179.4	178.3	174.7	180.2	181.8							
48	178.3	172.9	172.0	172.4	173.1	166.7	166.1	166.7							
72	166.7	166.8	168.4	166.8	165.3	162.1	162.5	163.7							
96	163.7	162.9	158.2	158.2	161.7	166.8	168.0	168.4							
120	172.7	178.3	179.0	183.8	185.3	185.3	193.2	197.1							
144	202.8	204.9	209.0	209.1	208.5	218.0	222.5	226.6							
168	227.0	225.1	220.9	219.6	220.0	218.4	218.4	214.8							
192	214.1	214.4	212.3	212.2	208.6	205.4	200.1	198.7							
216	196.0	193.2	190.7	186.9	187.2	187.3	186.1	185.3							
240	187.1	184.0	187.3	183.4	178.3	176.3	176.3	174.3							
264	175.9	177.1	178.6	175.5	172.7	172.7	173.1	173.5							
288	174.2	176.3	177.1	173.9	175.5	174.3	174.7	175.9							
312	174.7	174.7	175.9	175.9	177.9	179.5	181.6	183.0							
336	182.6	183.8	177.1	177.5	177.5	177.1	177.5	180.6							



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WALL RANGES VS DEPTH

DEPTH	2615.1			TILT	5	VOS			5960.20
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21	
0	177.7	173.8	173.4	171.4	172.2	171.9	176.8	176.6	
24	176.6	177.0	176.2	176.1	175.8	175.3	177.7	177.0	
48	169.2	169.2	168.4	168.6	168.6	165.3	165.7	162.9	
72	163.7	163.7	163.7	163.8	159.4	159.4	159.8	159.8	
96	160.2	159.0	155.5	155.5	161.3	163.3	165.2	166.1	
120	171.9	174.0	178.9	182.2	182.9	184.2	190.6	194.7	
144	199.2	202.9	206.3	206.5	206.3	216.0	219.1	223.7	
168	221.7	219.7	218.8	218.4	218.0	215.5	215.2	212.9	
192	212.5	207.7	207.0	209.3	209.3	201.2	197.1	195.0	
216	192.8	190.3	189.3	184.4	185.2	185.3	184.9	181.0	
240	185.1	185.4	184.1	178.6	174.6	175.0	174.2	176.1	
264	176.1	176.1	170.6	170.6	171.0	171.0	171.1	172.2	
288	172.6	173.0	173.4	172.2	172.2	172.2	173.0	173.0	
312	172.2	172.2	172.6	172.6	175.1	176.3	180.0	181.8	
336	181.8	176.3	175.5	174.3	174.2	173.8	174.7	178.3	

DEPTH	2615.1			TILT	0	VOS			5960.20
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21	
0	170.9	169.3	169.6	171.6	170.8	170.8	174.1	174.7	
24	175.1	176.7	175.1	175.1	174.3	174.3	171.3	172.8	
48	167.4	166.4	167.6	165.0	164.0	164.9	164.9	161.4	
72	160.6	160.6	162.9	158.9	158.2	158.2	158.2	159.0	
96	158.2	155.8	155.0	154.3	157.4	160.2	163.3	163.3	
120	169.6	170.0	175.1	178.3	179.8	183.4	189.9	193.2	
144	196.3	199.5	201.5	204.6	204.6	204.6	215.6	218.8	
168	218.4	218.4	217.2	215.6	213.5	211.9	212.9	211.3	
192	206.4	207.0	205.4	205.9	205.8	200.7	195.6	191.1	
216	191.2	191.6	185.3	183.1	183.4	185.3	185.3	182.2	
240	182.2	186.1	185.3	180.6	175.5	175.1	175.1	175.1	
264	175.9	168.4	169.2	169.2	170.4	170.0	170.0	171.2	
288	171.6	172.0	171.6	169.7	170.4	170.4	171.6	171.6	
312	172.0	171.2	171.2	172.0	174.3	174.7	175.9	180.6	
336	179.4	175.1	173.9	173.1	173.1	173.1	172.4	176.7	

DEPTH	2615.1			TILT	-15	VOS			5960.20
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21	
0	176.2	174.6	174.2	175.4	174.9	175.4	178.2	178.4	
24	179.4	179.8	179.8	180.5	184.1	182.9	174.7	172.2	
48	172.2	170.1	169.4	165.9	165.4	165.1	164.2	164.2	
72	162.2	162.5	162.5	163.9	160.7	161.4	161.1	162.1	
96	163.2	160.4	156.9	158.0	163.8	165.6	167.0	169.9	
120	174.1	177.3	177.3	181.8	185.1	189.8	193.0	199.3	
144	202.9	206.8	208.5	209.1	209.2	211.5	226.5	226.3	
168	223.5	219.9	221.2	220.6	219.2	217.7	214.1	213.3	
192	211.0	210.5	210.3	210.5	208.6	204.0	199.8	196.9	
216	197.4	194.2	190.8	188.7	188.6	189.4	188.7	187.7	
240	186.7	187.7	187.7	186.7	179.4	173.8	173.8	173.0	
264	172.6	173.8	174.2	174.2	175.0	176.3	177.0	177.0	
288	175.0	175.4	177.5	174.6	174.6	176.6	176.6	175.8	
312	175.8	175.8	175.8	177.1	179.2	179.4	184.4	185.2	
336	182.3	179.3	178.9	177.8	177.4	176.8	180.4	180.8	



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WALL RANGES VS DEPTH

DEPTH	2615.1			TILT -20			VOS 5960.20		
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21	
0	180.4	179.4	178.4	178.4	179.8	179.4	182.2	183.9	
24	185.6	184.7	184.1	188.6	187.5	181.7	176.8	176.4	
48	173.1	173.1	169.6	168.6	168.7	168.0	167.3	168.0	
72	166.2	165.2	165.6	165.6	166.5	166.6	166.5	166.6	
96	165.2	161.9	161.9	166.1	169.5	171.5	172.5	175.6	
120	177.7	181.1	183.2	188.3	192.0	198.8	200.6	203.9	
144	207.9	211.7	214.0	213.9	214.3	221.0	224.3	230.2	
168	230.2	228.8	224.7	225.7	223.5	223.8	221.4	219.2	
192	216.4	215.0	218.1	216.0	211.1	209.4	205.6	202.2	
216	202.2	198.2	194.3	195.3	188.1	191.9	192.0	190.1	
240	188.5	186.3	185.6	183.3	183.9	179.4	181.5	180.1	
264	180.5	179.1	178.7	180.8	180.8	183.2	182.9	182.5	
288	182.5	181.8	184.3	179.5	179.4	181.3	180.7	179.7	
312	181.1	181.1	181.8	183.7	184.6	186.0	190.0	189.9	
336	185.2	181.7	181.7	181.4	181.2	184.9	185.1	184.9	

DEPTH	2615.1			TILT -25			VOS 5960.20		
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21	
0	179.4	181.5	181.0	183.9	186.7	186.5	186.5	190.8	
24	191.2	191.2	190.8	190.8	188.7	188.4	183.6	180.7	
48	180.6	179.6	178.7	175.2	174.3	174.7	174.7	172.0	
72	170.8	171.8	170.6	170.3	172.0	173.1	172.9	172.8	
96	171.8	169.7	167.0	168.0	175.3	177.8	179.4	184.0	
120	186.1	187.4	189.1	195.0	194.6	196.7	198.4	203.3	
144	205.3	209.2	206.0	206.0	206.0	206.2	205.8	210.9	
168	210.2	210.9	209.8	207.1	210.0	211.7	209.8	209.5	
192	208.4	210.5	210.9	207.5	208.1	205.3	206.7	204.6	
216	207.1	202.9	200.8	199.5	196.7	190.4	192.2	189.1	
240	188.4	186.3	180.8	179.1	182.5	178.7	181.1	173.9	
264	173.5	172.6	172.6	174.7	174.7	174.7	173.4	174.2	
288	174.6	176.6	177.3	182.5	177.0	176.6	178.7	179.8	
312	178.4	181.8	181.8	183.6	183.2	189.1	190.1	191.9	
336	190.5	189.1	187.7	187.7	187.4	186.0	181.8	178.0	

DEPTH	2615.1			TILT -30			VOS 5960.20		
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21	
0	165.9	168.0	169.7	170.4	182.5	183.2	181.8	180.8	
24	181.1	183.9	182.2	182.5	179.1	179.4	179.9	172.2	
48	177.0	179.8	176.1	176.9	183.6	183.9	183.9	183.6	
72	178.7	179.4	179.1	179.1	180.1	180.8	180.5	179.6	
96	177.5	175.3	181.1	179.8	179.4	181.2	183.9	179.8	
120	180.5	181.5	187.0	186.3	187.4	190.1	187.9	192.6	
144	194.2	195.7	193.6	193.6	194.4	194.5	197.2	200.5	
168	197.4	200.5	200.8	198.1	197.7	199.8	199.8	198.8	
192	199.5	198.8	193.2	193.6	197.0	198.1	193.2	191.5	
216	190.8	190.1	191.5	188.0	185.2	182.5	178.4	177.3	
240	173.2	172.2	172.2	170.2	170.3	167.3	165.6	164.9	
264	163.2	167.0	165.9	166.8	168.9	171.9	173.7	173.2	
288	177.7	178.0	169.9	170.1	167.3	169.7	170.4	169.7	
312	169.7	173.2	175.3	174.6	174.5	179.8	179.8	181.5	
336	177.3	173.9	177.3	174.9	174.9	174.2	168.7	165.9	



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WALL RANGES VS DEPTH

DEPTH	2615.1		TILT -35			VOS 5960.20		
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	158.7	159.4	159.4	159.4	169.7	173.5	176.0	174.2
24	173.9	171.1	174.2	175.3	174.2	173.5	172.2	169.5
48	166.6	165.2	163.5	168.0	171.5	173.9	173.5	176.3
72	178.4	178.7	180.5	180.1	181.5	182.2	181.5	180.8
96	180.7	178.2	177.0	177.0	176.0	177.7	176.6	173.9
120	168.8	168.7	171.1	173.9	173.5	173.2	177.7	177.7
144	180.5	185.3	183.9	184.9	186.7	186.7	187.7	188.1
168	187.7	187.7	188.1	189.4	188.7	190.8	189.1	188.1
192	189.1	190.1	190.1	189.8	188.4	188.4	188.4	188.7
216	185.8	182.7	182.7	183.1	181.5	176.8	174.7	174.4
240	166.9	166.9	164.0	164.0	163.7	160.2	160.0	159.6
264	157.4	159.0	165.1	169.0	170.2	168.7	169.0	168.7
288	170.1	169.0	168.4	168.4	165.8	161.0	160.7	160.7
312	161.8	162.5	169.4	171.1	171.1	173.5	171.8	171.1
336	171.1	171.5	169.7	168.2	168.8	166.6	165.9	165.6

DEPTH	2615.1		TILT -40			VOS 5960.20		
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	153.1	153.1	153.1	158.3	163.5	168.0	167.7	167.7
24	165.8	166.8	165.6	168.4	166.6	164.9	163.3	161.8
48	159.8	158.7	158.3	156.9	164.6	165.9	168.0	171.1
72	171.8	172.2	174.6	174.6	175.6	174.9	177.0	177.7
96	178.0	175.3	173.9	173.5	172.5	170.8	170.4	164.2
120	162.8	165.6	167.0	166.3	167.0	167.3	169.0	171.1
144	173.2	177.0	177.0	177.3	178.7	181.8	181.8	181.2
168	180.1	181.8	183.6	183.6	183.2	186.7	183.6	183.6
192	186.3	182.9	180.8	180.9	180.1	181.1	180.1	180.5
216	178.3	177.7	177.0	176.0	172.0	168.4	167.3	167.3
240	164.2	161.1	158.3	158.0	156.6	156.6	154.5	153.1
264	150.7	152.4	159.7	160.7	162.8	162.8	163.9	163.5
288	163.5	162.5	161.8	161.1	160.1	152.1	155.6	156.9
312	155.9	156.9	162.9	164.5	164.2	165.9	165.6	166.3
336	163.2	164.1	162.7	162.5	161.8	162.1	161.4	160.1

DEPTH	2615.1		TILT -45			VOS 5960.20		
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	146.9	147.3	146.9	153.6	154.2	159.7	159.7	163.1
24	161.8	160.7	159.1	160.4	160.1	158.7	158.3	156.9
48	156.6	153.1	153.8	153.5	153.1	153.1	155.3	162.1
72	163.2	166.6	168.0	168.0	171.5	173.2	172.5	171.8
96	173.5	171.5	168.4	168.0	165.2	162.0	159.7	159.4
120	160.7	160.7	162.5	161.7	161.4	163.5	168.7	169.7
144	172.5	171.8	171.8	176.0	173.9	174.2	178.0	177.1
168	177.3	177.3	177.7	184.6	180.8	180.8	180.8	180.5
192	180.5	179.8	174.4	176.3	175.1	175.3	173.3	173.4
216	172.5	171.8	172.8	165.9	165.9	161.8	161.1	161.1
240	159.7	155.2	153.8	152.1	152.8	150.0	147.2	147.6
264	146.9	152.3	156.9	157.3	156.9	158.3	159.4	158.7
288	159.4	159.0	159.4	155.6	149.7	150.0	150.0	151.1
312	151.4	152.1	152.4	160.4	161.1	161.8	161.1	160.4
336	156.6	161.4	161.4	158.3	160.4	160.7	152.1	148.0



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WALL RANGES VS DEPTH

DEPTH	2615.1		TILT -50			VOS 5960.20		
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	144.2	144.5	145.2	144.5	144.5	149.3	157.6	157.3
24	157.6	158.0	158.0	156.6	156.3	153.8	154.5	154.5
48	152.0	151.1	150.4	150.0	148.3	146.6	146.6	145.5
72	157.3	158.7	159.4	160.7	160.4	160.4	164.2	167.3
96	168.7	169.0	161.4	161.8	155.7	155.7	154.2	154.2
120	155.6	157.3	156.9	158.3	159.4	159.0	163.3	164.9
144	168.0	168.4	168.4	171.7	173.5	172.5	175.3	174.6
168	176.0	175.6	173.2	176.2	176.1	177.0	177.7	176.5
192	177.7	174.4	171.8	169.0	169.0	168.7	170.1	169.7
216	169.7	167.3	162.5	160.1	160.0	158.9	159.0	156.9
240	155.6	152.8	152.4	147.3	147.3	147.3	144.8	144.5
264	150.4	150.7	153.1	154.2	154.2	153.1	155.9	155.6
288	155.6	155.6	155.2	148.9	145.9	146.0	147.4	148.7
312	148.6	149.3	149.0	153.3	156.9	157.3	157.3	156.6
336	153.1	158.0	158.3	158.7	158.7	152.8	146.4	144.8

DEPTH	2615.1		TILT -55			VOS 5960.20		
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	141.7	141.7	142.8	141.7	141.4	140.7	149.3	148.6
24	148.3	151.1	154.5	153.8	154.2	154.2	153.5	153.1
48	150.4	149.4	150.4	148.2	145.5	145.5	145.2	143.5
72	151.5	141.4	154.9	153.1	153.9	153.8	152.7	153.0
96	152.1	162.5	152.1	152.4	147.7	148.3	150.7	152.0
120	151.4	154.2	156.3	157.6	157.6	157.6	158.0	164.2
144	165.9	166.3	166.3	164.8	169.4	169.4	172.2	173.9
168	173.9	175.3	172.5	172.8	173.9	173.9	176.3	172.9
192	174.6	171.5	166.7	167.0	166.6	167.0	167.0	166.5
216	166.3	165.6	164.2	160.4	166.6	162.6	158.8	157.0
240	161.2	152.1	152.1	149.0	145.3	142.4	142.1	152.4
264	153.8	155.2	151.4	151.4	151.4	151.8	150.4	150.7
288	148.6	149.7	149.3	149.3	143.1	143.1	145.5	145.9
312	146.6	146.2	146.9	146.9	154.9	156.3	154.9	153.5
336	151.8	151.8	156.3	156.3	151.1	149.0	141.8	141.7

DEPTH	2615.1		TILT -60			VOS 5960.20		
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	141.0	141.4	141.4	140.4	140.4	140.0	151.5	151.1
24	150.0	150.0	155.3	148.6	152.9	146.9	151.4	152.1
48	150.4	150.0	150.4	147.2	146.3	145.9	145.9	145.5
72	144.2	143.8	144.5	145.2	151.9	151.4	151.4	150.7
96	150.0	155.4	149.3	150.3	144.8	146.9	149.0	150.7
120	150.7	155.4	160.4	160.4	161.4	161.4	160.8	161.2
144	163.3	165.2	166.6	165.9	169.0	169.0	171.8	171.8
168	174.9	175.3	177.7	173.9	173.9	173.9	177.2	174.9
192	174.6	172.5	170.5	169.5	169.5	171.1	171.1	170.5
216	169.6	171.5	171.5	171.8	171.1	171.1	173.2	170.8
240	170.8	168.7	157.0	156.8	153.4	154.3	155.6	154.2
264	153.8	153.8	154.2	151.8	152.1	151.8	151.4	150.7
288	150.7	148.6	145.7	146.2	143.8	144.2	144.2	144.2
312	145.5	145.5	145.9	145.9	153.2	153.1	152.8	152.4
336	151.4	153.5	155.2	154.9	149.4	148.6	146.9	146.5



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WALL RANGES VS DEPTH

DEPTH	2620.4		TILT	0		VOS	5940.60	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	171.0	169.4	-1e+06	169.0	170.2	167.9	172.5	174.3
24	174.9	175.7	173.7	174.5	173.7	174.1	171.0	171.0
48	167.1	165.5	166.6	164.7	163.6	164.2	163.4	162.4
72	158.8	158.8	159.2	160.0	156.9	157.8	157.3	157.7
96	156.5	155.3	153.4	153.8	156.9	160.8	162.8	163.2
120	169.8	170.2	173.4	177.8	179.8	183.4	189.8	191.3
144	194.5	196.9	200.8	203.2	202.8	208.6	215.2	218.8
168	218.8	216.5	214.9	214.1	213.3	212.2	212.7	208.6
192	207.9	206.5	203.2	205.1	205.8	197.7	195.7	191.4
216	191.7	188.3	184.3	182.8	182.8	183.5	182.4	181.2
240	181.2	186.3	183.9	183.3	176.3	175.9	174.9	174.1
264	167.5	167.5	168.3	168.7	169.0	169.0	169.8	171.0
288	171.0	170.2	170.6	169.4	169.4	169.8	170.2	171.0
312	169.8	170.2	170.6	171.4	174.3	173.7	174.9	178.8
336	178.5	173.7	172.6	171.8	171.0	171.4	173.0	174.5

DEPTH	2624.9		TILT	0		VOS	5960.20	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	171.0	170.8	168.8	168.8	170.0	167.7	171.2	173.9
24	174.7	175.9	174.7	174.7	175.1	174.7	171.5	170.3
48	166.9	165.7	165.7	165.7	163.0	163.7	162.1	162.9
72	159.4	159.4	160.2	160.6	156.7	157.4	157.8	158.2
96	158.2	157.4	153.9	153.9	157.4	160.9	161.7	164.9
120	170.0	170.0	174.7	177.5	179.8	183.4	189.7	189.7
144	193.2	197.9	202.2	203.8	204.6	205.4	214.8	218.8
168	221.5	216.3	214.2	214.8	213.5	212.5	212.5	208.1
192	206.9	206.2	203.8	205.1	205.8	197.7	195.3	191.6
216	192.0	189.3	184.7	183.5	183.5	184.9	184.5	181.8
240	183.0	186.5	186.5	183.4	177.1	176.7	175.9	175.5
264	168.0	168.0	168.8	169.2	169.6	169.6	171.2	172.0
288	171.6	172.7	170.8	171.6	170.0	170.0	170.8	171.2
312	170.8	170.4	171.2	171.6	174.3	173.9	175.5	180.2
336	179.4	173.7	172.0	172.4	172.4	172.0	173.1	176.3

DEPTH	2630.1		TILT	0		VOS	5940.60	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	171.0	169.0	168.3	168.3	169.0	167.5	167.9	173.7
24	173.7	174.1	174.1	174.1	173.7	175.3	172.2	169.4
48	166.7	165.1	164.3	163.9	162.4	162.0	161.2	161.2
72	158.5	158.5	159.6	159.6	156.5	156.5	157.3	157.3
96	155.7	154.5	153.4	153.4	156.1	158.8	162.3	162.8
120	169.4	169.0	173.4	177.5	178.8	180.8	186.3	188.3
144	193.7	196.9	200.8	202.8	202.4	202.4	214.1	218.4
168	219.2	216.1	213.3	214.6	213.7	213.0	211.0	207.5
192	205.9	205.9	203.5	205.1	205.4	197.7	194.9	191.8
216	191.8	188.6	185.1	184.3	184.3	183.5	182.0	181.2
240	182.0	185.1	186.1	184.2	177.5	177.5	174.5	172.6
264	167.5	167.9	168.3	168.7	168.7	169.0	169.8	170.6
288	169.8	169.8	170.2	169.0	169.0	169.4	170.2	170.2
312	169.4	169.4	170.2	170.2	172.6	173.4	176.5	178.5
336	177.7	173.7	171.4	171.0	171.0	171.0	172.2	174.1



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WALL RANGES VS DEPTH

DEPTH	2635.1			TILT	0	VOS			5960.20
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21	
0	172.2	171.2	168.0	168.0	169.2	167.6	167.2	173.5	
24	173.5	175.1	174.7	174.3	174.7	177.9	173.9	169.4	
48	166.5	166.5	164.1	164.5	161.8	162.9	161.3	162.1	
72	162.1	159.4	159.8	161.3	157.3	157.4	157.8	158.2	
96	157.4	157.4	153.2	153.2	157.4	159.8	162.9	162.9	
120	168.8	170.0	174.3	177.5	179.0	180.2	186.5	188.9	
144	193.2	198.3	201.6	203.4	203.4	203.0	212.6	220.3	
168	220.0	216.3	213.7	214.4	215.2	213.3	210.0	208.1	
192	206.1	205.8	204.6	205.8	205.0	200.7	197.1	194.0	
216	191.6	190.4	186.5	183.8	183.0	185.7	181.4	182.2	
240	184.5	186.9	185.7	184.9	177.9	178.3	174.9	172.8	
264	167.7	167.9	168.3	169.6	169.6	170.0	171.2	171.6	
288	171.6	170.4	172.0	172.0	169.6	169.6	171.2	171.6	
312	171.2	170.4	171.2	171.6	173.9	173.9	177.5	180.2	
336	179.4	174.3	171.8	171.4	171.0	172.0	175.1	175.5	

DEPTH	2640.0			TILT	0	VOS			5940.60
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21	
0	173.4	170.6	167.9	167.9	170.2	169.8	167.9	173.4	
24	174.5	176.1	174.1	174.1	174.5	177.7	175.7	169.4	
48	166.3	165.9	163.9	165.1	161.2	161.2	161.2	160.4	
72	161.6	157.7	158.1	158.1	158.1	156.9	157.3	158.1	
96	156.9	156.9	153.0	153.0	156.9	159.2	162.4	164.7	
120	168.3	169.4	173.7	177.3	178.5	178.8	185.5	188.3	
144	195.3	197.3	202.4	202.4	202.4	202.4	211.0	220.0	
168	218.8	216.5	214.1	214.5	214.1	214.1	209.0	208.6	
192	206.3	203.9	203.2	204.7	204.3	200.7	196.5	193.7	
216	190.6	188.6	185.5	182.4	184.7	184.7	180.8	182.0	
240	183.2	186.7	186.7	183.9	177.7	178.1	175.3	173.0	
264	167.9	167.9	168.3	169.0	169.4	169.8	170.2	171.0	
288	171.0	169.8	171.4	171.4	169.0	169.0	170.6	171.0	
312	170.6	170.6	170.6	171.0	173.7	174.1	174.5	179.2	
336	178.5	174.0	172.2	171.8	171.0	171.0	172.6	174.1	

DEPTH	2650.2			TILT	0	VOS			5940.60
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21	
0	170.2	169.4	167.9	170.2	169.8	169.4	171.4	173.4	
24	173.7	175.7	173.4	173.7	178.8	177.3	172.6	167.1	
48	167.1	164.3	164.3	163.2	160.4	159.2	159.2	159.2	
72	157.3	157.7	158.1	157.7	155.7	156.5	156.9	157.3	
96	156.5	156.5	153.0	153.4	158.8	160.0	163.2	163.2	
120	168.3	171.8	173.4	176.1	178.5	183.5	188.3	188.3	
144	195.3	196.5	199.2	202.4	202.4	205.9	214.8	220.0	
168	218.4	218.1	213.3	214.1	214.1	213.7	210.6	209.0	
192	206.7	204.7	202.0	205.9	203.9	200.8	196.5	193.4	
216	190.2	189.4	187.1	182.4	184.7	184.3	182.0	178.5	
240	184.7	185.5	185.9	180.4	179.2	177.7	176.9	173.0	
264	167.4	168.0	168.4	168.3	169.0	170.2	171.0	171.0	
288	169.8	169.8	171.4	168.7	168.7	169.0	170.2	170.2	
312	169.4	169.8	169.8	171.0	173.4	173.4	176.9	180.0	
336	180.0	173.4	171.8	171.8	171.0	171.0	174.1	174.9	



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**WALL RANGES VS DEPTH**

DEPTH	2660.1			TILT	0	VOS			5951.50
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21	
0	170.5	169.3	168.6	169.7	169.6	169.7	172.3	172.5	
24	174.1	174.5	174.2	174.8	178.4	178.4	169.0	166.6	
48	166.6	164.6	163.9	160.5	159.9	159.9	158.7	158.7	
72	156.8	157.2	158.4	156.8	156.0	156.8	157.6	158.0	
96	157.6	154.7	152.9	152.9	158.4	160.3	161.1	164.6	
120	168.4	172.0	172.0	176.3	178.4	181.1	185.8	189.4	
144	194.9	196.8	199.6	202.0	202.7	202.3	217.2	219.6	
168	217.3	216.5	213.3	214.5	214.1	212.6	208.8	209.4	
192	207.1	204.7	202.3	204.7	204.3	200.0	197.2	191.0	
216	190.6	189.0	185.8	182.7	182.7	183.9	183.5	178.8	
240	181.1	185.8	185.8	181.9	174.1	167.8	167.8	167.0	
264	167.0	168.2	168.6	168.6	169.4	170.5	171.3	171.6	
288	169.4	169.7	171.7	169.0	169.0	171.2	171.3	170.1	
312	170.1	170.1	170.1	171.3	173.3	172.9	178.0	179.6	
336	177.2	173.7	173.3	172.1	171.7	170.9	174.5	175.6	

DEPTH	2670.0			TILT	0	VOS			5951.50
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21	
0	169.4	168.2	168.2	169.0	168.6	167.4	173.3	173.3	
24	174.9	174.5	174.5	177.2	177.2	171.3	166.6	166.6	
48	163.1	163.1	159.5	158.7	158.7	158.4	158.4	158.7	
72	156.8	156.4	156.5	156.3	156.8	156.8	156.8	157.2	
96	156.0	152.5	152.5	156.4	159.5	161.5	162.7	167.0	
120	168.6	174.1	175.6	178.0	181.1	187.8	187.8	194.9	
144	196.8	200.8	202.0	202.3	202.3	204.7	219.6	219.2	
168	216.1	212.6	214.1	213.7	212.6	210.6	207.1	206.3	
192	203.9	203.5	203.5	203.5	201.4	196.5	191.0	190.2	
216	190.2	186.6	182.7	182.3	181.9	180.7	180.7	181.1	
240	179.2	177.6	177.6	173.7	172.1	167.8	167.4	167.4	
264	168.2	168.2	168.6	169.0	169.7	170.9	169.7	169.4	
288	169.7	171.3	172.9	169.0	169.4	170.9	170.1	169.4	
312	170.1	170.1	170.1	172.9	174.1	175.6	179.6	178.0	
336	172.5	171.3	171.3	170.5	170.5	174.1	174.9	172.5	

DEPTH	2680.3			TILT	0	VOS			5951.50
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21	
0	170.1	168.8	169.0	169.4	167.0	167.4	172.5	173.3	
24	175.0	173.7	172.9	177.6	176.4	170.9	166.2	165.4	
48	162.7	162.7	159.9	158.7	158.0	158.4	158.4	158.7	
72	154.8	156.0	154.4	154.4	156.8	157.2	156.4	156.4	
96	155.2	152.5	152.9	156.4	159.5	161.5	161.5	167.0	
120	167.9	171.3	173.7	177.2	180.7	187.8	187.8	192.5	
144	195.7	199.2	202.0	201.6	203.9	207.1	218.1	218.1	
168	216.5	213.3	213.3	211.8	211.8	210.6	209.0	206.7	
192	202.3	202.3	203.1	203.9	198.4	196.8	193.7	190.2	
216	190.2	186.6	183.1	184.0	177.2	180.7	180.7	178.8	
240	177.2	174.9	172.1	172.1	172.5	167.4	170.9	169.0	
264	168.6	168.6	169.0	169.0	170.5	171.3	171.7	170.1	
288	170.1	170.1	169.0	169.0	168.6	170.5	170.1	169.0	
312	169.0	169.7	171.4	172.9	174.2	175.3	178.8	178.8	
336	174.9	170.9	170.9	170.9	170.5	174.1	174.1	173.3	



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WALL RANGES VS DEPTH

DEPTH	2690.3		TILT		0		VOS		5951.50
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21	
0	163.5	167.8	167.8	167.8	167.8	167.8	172.5	172.9	
24	174.5	173.3	173.3	173.7	172.9	171.2	166.6	165.4	
48	164.6	163.1	162.3	159.1	158.4	158.7	158.7	155.2	
72	155.2	156.0	155.2	154.8	156.0	157.2	157.2	156.8	
96	154.8	152.5	152.1	156.0	159.1	161.5	163.1	167.4	
120	168.6	170.9	175.6	176.8	180.7	185.1	191.0	191.0	
144	195.7	199.2	201.2	201.2	201.2	208.0	219.2	218.5	
168	216.1	213.3	213.7	213.3	211.8	210.6	208.6	206.3	
192	203.9	202.3	205.5	203.1	198.8	197.2	193.3	190.6	
216	190.6	186.2	181.1	182.8	175.6	173.3	177.2	177.2	
240	175.6	172.1	172.1	172.1	168.2	162.7	168.2	155.2	
264	154.0	154.3	154.0	156.7	155.0	157.7	156.9	155.6	
288	156.4	160.3	160.8	169.4	160.1	159.8	162.7	163.9	
312	162.3	166.0	170.9	172.5	174.5	174.5	178.8	177.2	
336	173.3	170.5	170.9	170.9	170.1	170.4	166.6	161.8	

DEPTH	2700.2		TILT		0		VOS		5953.70
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21	
0	140.6	144.5	146.4	147.7	168.2	168.4	163.5	166.0	
24	166.5	168.4	167.0	167.2	169.4	169.8	167.1	151.0	
48	156.6	163.5	161.2	159.6	159.2	159.2	159.2	156.1	
72	155.3	155.7	154.5	154.9	156.1	156.8	157.2	156.1	
96	155.3	152.1	155.6	156.1	158.4	161.6	162.3	165.9	
120	169.8	163.9	175.7	177.7	177.7	176.5	178.1	185.3	
144	196.5	196.5	189.6	189.6	189.6	191.0	191.4	201.2	
168	200.4	200.4	196.8	193.8	196.5	210.7	195.5	207.1	
192	204.4	202.4	203.2	202.0	199.3	188.2	193.4	191.4	
216	190.6	186.7	182.8	179.7	178.1	172.6	172.6	161.3	
240	154.9	152.2	151.1	147.4	147.4	141.5	140.3	140.7	
264	134.8	140.3	141.9	141.9	145.8	149.8	152.5	156.4	
288	156.1	154.9	147.0	147.0	142.3	147.0	148.3	147.0	
312	147.1	152.8	155.4	155.1	153.3	163.7	164.5	167.4	
336	173.0	156.5	160.4	157.4	157.2	155.6	144.0	144.3	

DEPTH	2710.1		TILT		0		VOS		5953.70
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21	
0	125.4	120.7	126.8	127.8	146.8	152.1	152.5	148.6	
24	148.8	150.3	151.6	152.7	149.1	152.1	143.5	143.5	
48	137.6	135.4	132.5	140.7	150.3	153.1	152.8	156.1	
72	156.8	155.7	156.0	156.8	156.8	156.8	157.2	155.7	
96	151.7	152.1	156.1	156.1	152.1	153.6	155.0	147.8	
120	139.6	145.8	158.4	157.9	158.1	165.2	160.8	169.3	
144	174.1	175.3	175.7	175.3	172.2	171.8	178.5	185.1	
168	178.7	184.3	179.4	176.5	175.6	182.4	181.0	179.7	
192	179.7	180.4	172.8	172.1	173.7	173.7	173.7	172.2	
216	171.3	165.2	167.0	160.8	154.5	153.3	152.1	151.3	
240	137.6	138.0	132.5	133.0	132.5	126.6	126.6	125.4	
264	123.9	123.3	135.2	142.7	144.5	140.4	141.2	140.8	
288	144.1	141.6	139.6	139.6	136.0	126.3	127.0	128.5	
312	129.2	130.6	142.2	143.9	143.7	149.0	147.3	147.9	
336	145.1	144.0	143.5	140.2	141.6	144.5	136.6	136.1	



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WALL RANGES VS DEPTH

DEPTH	2720.0		TILT	0		VOS	5953.70	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	102.7	103.4	103.0	119.5	119.5	134.0	132.5	134.1
24	129.7	132.5	134.4	134.9	135.2	131.3	125.0	121.9
48	117.9	117.9	117.9	114.6	131.3	131.5	141.5	139.2
72	142.0	142.6	146.0	145.5	147.8	148.9	148.1	147.2
96	147.8	143.9	141.9	140.7	143.9	141.5	141.5	127.0
120	124.9	129.2	131.6	132.0	132.8	133.1	138.9	140.7
144	145.6	154.5	152.2	154.0	154.1	156.8	156.8	162.7
168	159.5	161.5	162.3	161.6	162.2	164.7	158.8	158.8
192	157.6	161.2	158.4	157.6	160.4	160.4	158.4	158.1
216	155.3	149.4	149.4	150.2	147.8	140.3	134.8	134.4
240	127.0	114.4	114.4	114.0	116.0	109.7	101.4	99.9
264	103.7	111.7	119.8	121.3	124.7	124.8	126.7	126.1
288	126.1	124.3	123.3	121.1	108.1	107.7	108.5	111.7
312	111.5	113.1	124.2	128.2	127.5	135.2	134.8	132.1
336	125.0	126.6	123.9	123.8	123.4	122.0	115.3	100.6

DEPTH	2730.1		TILT	0		VOS	5953.70	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	90.4	82.2	84.1	84.1	83.7	86.3	110.4	116.3
24	113.8	112.1	106.5	106.5	110.2	106.2	106.2	105.2
48	100.3	98.8	97.7	96.9	92.0	91.2	91.2	87.6
72	117.3	123.9	128.9	128.5	131.7	131.6	134.1	135.1
96	136.0	131.6	127.3	126.3	126.2	112.8	112.8	107.5
120	111.0	111.8	115.2	113.2	113.5	117.2	125.8	130.1
144	129.5	133.9	133.9	135.3	137.3	142.4	141.1	141.1
168	140.0	142.8	145.1	145.8	150.6	150.2	145.6	151.7
192	150.6	144.3	141.1	140.7	140.2	143.5	139.6	139.2
216	135.9	133.5	130.6	120.6	118.7	113.6	112.9	103.0
240	109.3	100.3	100.3	89.3	88.5	89.6	89.6	94.4
264	97.3	98.0	103.6	108.6	109.6	110.0	112.0	109.6
288	111.0	105.3	106.7	92.4	86.9	86.9	91.2	94.0
312	94.1	95.3	94.8	109.3	109.3	105.4	108.1	101.0
336	103.4	113.2	113.3	106.9	111.8	108.4	85.7	84.5

DEPTH	2740.1		TILT	0		VOS	5953.70	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	70.4	68.4	64.5	69.2	69.2	70.8	83.4	81.0
24	79.8	78.6	95.1	92.4	94.4	92.8	90.0	89.2
48	83.4	81.4	81.4	78.6	76.3	76.7	76.7	77.5
72	79.4	72.0	72.0	92.4	90.8	90.8	86.6	85.7
96	85.3	116.1	87.0	87.7	74.5	78.7	83.9	86.5
120	84.1	92.0	94.6	97.0	98.1	97.7	105.4	109.6
144	118.7	115.9	115.9	123.9	121.2	121.3	127.8	125.8
168	126.5	126.7	127.5	135.5	133.3	130.1	132.1	132.9
192	134.0	128.5	119.9	124.2	121.9	121.9	116.8	116.8
216	117.8	111.3	99.9	96.3	95.9	96.7	94.8	94.0
240	95.9	87.5	87.4	76.7	76.3	76.7	83.0	87.8
264	89.5	91.2	90.8	82.6	83.8	84.9	82.2	79.4
288	81.0	75.9	76.1	76.3	71.9	72.5	72.5	72.5
312	75.4	75.3	76.2	76.2	92.9	94.8	93.1	90.4
336	86.6	86.8	95.7	96.1	80.2	79.0	74.3	75.9



CUSTOMER : Westlake US 2, LLC
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WALL RANGES VS DEPTH

DEPTH	2750.1		TILT	0		VOS	5955.80	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	68.5	62.9	62.9	63.7	69.2	72.0	72.8	69.6
24	69.6	69.6	77.8	70.0	71.6	61.4	65.7	65.7
48	71.2	64.9	60.6	59.8	59.4	63.3	63.3	63.7
72	63.7	66.9	66.9	68.8	69.2	71.2	76.3	74.7
96	73.2	72.8	72.4	72.4	73.2	73.2	73.2	72.0
120	73.1	77.5	84.1	83.8	84.6	84.6	84.6	93.7
144	97.5	98.2	98.2	94.8	107.2	105.7	111.8	111.0
168	113.4	112.9	108.6	113.3	113.3	115.5	116.7	114.0
192	116.6	108.9	106.2	106.2	105.8	102.7	102.7	96.8
216	98.8	96.7	94.3	90.8	96.0	92.8	88.1	87.3
240	85.0	81.8	78.7	78.7	77.1	77.5	77.9	75.5
264	74.3	75.2	70.8	70.4	70.4	70.8	70.8	70.8
288	50.4	50.4	50.4	58.2	58.2	58.2	59.4	62.2
312	60.2	61.0	61.0	58.6	71.6	71.6	71.6	71.2
336	71.2	75.5	67.3	60.6	60.6	61.8	61.8	71.6

DEPTH	2760.1		TILT	0		VOS	5955.80	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	62.9	62.9	63.3	69.2	68.8	70.4	69.6	69.2
24	68.5	69.2	71.2	70.0	62.2	59.0	59.0	59.4
48	59.4	59.8	59.8	60.2	60.2	61.0	63.3	63.7
72	65.3	66.5	66.5	66.9	68.8	70.0	74.0	73.6
96	73.2	73.2	73.2	72.8	72.8	66.5	66.1	66.9
120	66.9	67.7	66.9	65.7	75.1	72.0	68.1	72.8
144	72.8	81.7	83.2	81.4	87.4	90.1	92.8	94.8
168	97.5	97.1	96.0	96.0	96.3	96.3	100.9	92.0
192	91.3	86.1	86.5	85.7	85.7	88.9	88.9	89.3
216	89.3	94.0	86.1	86.1	85.7	86.5	85.7	86.1
240	85.6	84.4	79.4	77.9	71.6	70.0	69.6	60.2
264	64.9	61.8	62.2	67.7	66.5	59.5	59.1	51.2
288	50.0	49.6	50.4	50.4	51.2	52.3	52.7	54.3
312	54.3	44.1	40.9	42.1	42.1	58.6	59.8	60.2
336	65.3	59.8	60.2	60.2	56.3	56.7	59.8	59.8

DEPTH	2770.7		TILT	0		VOS	5955.80	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	57.8	59.4	62.9	62.2	62.2	63.7	63.7	64.1
24	64.1	64.1	63.3	62.2	60.2	58.6	56.7	56.3
48	55.9	58.2	58.2	58.6	59.0	60.6	63.3	63.3
72	63.7	65.3	65.7	66.5	72.8	75.1	75.1	74.0
96	73.6	72.8	72.8	72.8	72.4	66.9	66.9	66.9
120	66.5	64.9	64.5	64.5	62.6	62.9	65.3	65.3
144	68.8	74.3	74.3	74.3	73.6	74.0	78.2	80.2
168	83.4	83.4	85.4	83.5	83.9	83.4	83.8	84.6
192	77.9	77.9	82.2	81.4	81.4	86.1	86.1	85.4
216	81.8	85.0	82.2	83.0	84.6	84.6	85.0	85.0
240	85.0	82.6	80.2	77.1	72.4	69.6	66.5	61.8
264	60.2	61.8	61.8	61.8	64.1	47.6	46.8	46.4
288	46.0	46.0	46.4	47.2	49.2	50.0	51.9	53.1
312	44.1	38.6	37.4	35.0	35.0	35.4	37.0	42.1
336	42.5	53.9	53.9	53.9	55.1	55.5	57.4	57.8



CUSTOMER : Westlake US 2, LLC
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WALL RANGES VS DEPTH

DEPTH	2780.2		TILT	0		VOS	5955.80	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	59.4	59.8	60.2	60.6	61.0	61.4	63.3	65.3
24	61.8	61.0	61.0	60.2	57.4	56.7	55.5	55.5
48	55.9	57.1	57.4	57.8	59.0	59.0	61.0	62.9
72	64.1	66.9	68.8	72.0	73.6	74.7	74.7	74.7
96	74.3	73.2	72.8	72.4	71.6	68.1	67.3	67.3
120	67.3	65.3	62.9	63.3	62.9	63.3	63.3	66.1
144	68.1	71.6	71.2	70.9	71.1	66.9	66.5	71.6
168	72.8	75.1	75.5	75.9	77.1	78.7	78.7	78.3
192	79.1	82.2	82.2	80.2	77.1	84.0	77.1	77.9
216	79.9	81.8	86.1	86.1	85.7	85.4	84.6	83.0
240	81.8	80.2	78.3	74.3	71.6	68.5	64.5	62.2
264	62.2	61.4	62.9	58.6	57.8	46.8	46.8	46.4
288	46.8	47.2	48.0	48.4	49.2	50.8	51.2	51.5
312	48.4	46.8	47.6	47.6	48.8	49.6	49.6	49.6
336	53.5	54.3	54.7	54.7	55.5	56.3	57.1	59.4

DEPTH	2790.2		TILT	0		VOS	5955.80	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	59.8	55.9	56.3	56.7	57.4	57.1	55.5	54.3
24	54.3	53.5	53.1	53.5	53.9	53.9	53.1	51.9
48	52.3	52.7	53.5	54.7	57.1	60.2	61.0	63.7
72	63.3	62.6	61.4	61.4	62.9	63.3	63.3	63.3
96	64.1	64.1	64.5	67.3	69.6	70.4	71.6	71.6
120	68.1	65.7	65.3	65.3	66.5	64.9	66.9	66.9
144	71.2	70.6	70.6	67.3	68.5	72.4	72.4	76.7
168	76.7	77.1	77.9	78.3	81.0	79.5	79.9	79.9
192	80.2	82.2	83.4	83.4	81.8	81.8	80.2	80.6
216	81.4	83.4	85.4	86.1	87.8	86.1	85.7	84.2
240	83.0	83.0	81.8	79.1	77.9	73.2	68.8	68.5
264	67.7	67.3	64.1	62.9	59.0	60.2	59.4	56.3
288	57.8	60.2	60.6	62.2	61.0	60.2	61.4	54.7
312	54.3	52.7	52.7	53.1	55.1	55.1	55.1	54.3
336	53.5	53.1	54.7	57.1	57.1	57.1	58.2	58.6

DEPTH	2800.0		TILT	0		VOS	5957.50	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	57.9	56.3	56.3	57.1	57.5	57.5	54.7	54.3
24	53.9	53.9	53.9	54.3	53.9	53.5	52.4	52.4
48	52.7	53.5	55.1	55.9	57.9	59.4	62.2	63.0
72	63.0	61.8	61.8	62.6	62.6	64.1	63.8	63.4
96	63.4	63.4	64.5	67.3	68.5	69.3	69.3	69.7
120	68.5	66.9	66.5	66.1	65.3	65.3	65.3	66.1
144	67.7	69.7	70.0	69.9	78.7	78.7	82.6	85.8
168	85.8	87.3	86.6	87.3	87.7	87.0	87.3	83.8
192	84.2	85.0	85.0	89.7	91.7	88.5	86.2	85.0
216	85.4	85.4	86.6	86.6	91.7	91.7	91.7	89.7
240	86.2	85.8	80.3	76.3	76.3	76.3	70.4	70.8
264	68.9	64.9	64.9	61.8	58.6	58.6	55.5	55.5
288	55.1	55.1	55.9	56.3	55.9	56.3	55.9	55.5
312	53.9	53.9	53.9	55.1	55.5	55.9	55.5	55.1
336	55.1	53.1	57.1	57.1	57.5	57.1	56.3	56.3



CUSTOMER : Westlake US 2, LLC
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WALL RANGES VS DEPTH

DEPTH	2805.2		TILT	0		VOS	5957.50	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	57.9	56.7	57.1	57.5	58.2	58.2	55.5	54.3
24	53.9	53.9	54.3	55.5	54.3	53.9	52.7	53.1
48	53.1	54.3	55.1	55.9	57.9	59.8	60.2	63.0
72	63.0	61.8	61.8	62.2	63.4	64.9	63.8	63.4
96	63.4	63.4	64.5	65.3	65.7	69.3	69.7	69.7
120	68.5	67.3	66.9	66.5	65.7	65.7	66.1	67.7
144	67.7	68.9	70.4	71.2	78.7	79.5	82.6	85.8
168	85.4	87.0	87.3	87.0	87.7	85.0	85.4	85.0
192	85.0	85.4	87.3	89.3	88.5	88.1	86.6	87.0
216	85.8	85.8	88.1	88.9	92.8	92.8	92.1	87.7
240	86.2	83.4	80.7	77.1	76.7	76.7	72.8	71.9
264	69.3	65.3	64.5	61.4	60.2	60.2	57.1	55.1
288	55.5	55.5	55.9	56.3	55.9	56.3	56.3	55.9
312	54.3	53.9	53.9	54.3	55.9	56.3	55.5	55.1
336	54.3	53.9	55.1	55.1	56.7	55.9	57.5	57.5

DEPTH	2810.1		TILT	0		VOS	5957.50	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	57.1	57.1	57.9	57.9	57.9	58.2	55.5	53.9
24	53.5	54.3	55.5	56.3	54.7	52.7	52.4	52.4
48	52.7	55.1	55.9	56.3	58.2	59.8	60.2	62.2
72	62.6	61.8	61.8	61.8	62.2	64.1	63.8	63.4
96	63.4	63.4	64.9	65.3	66.5	69.3	69.3	69.7
120	68.9	67.3	66.9	66.5	65.7	66.1	66.1	68.5
144	68.5	70.0	71.2	73.6	77.0	80.1	82.4	85.8
168	85.4	86.2	87.3	87.1	87.3	85.4	85.0	85.0
192	85.8	87.0	87.7	88.5	88.1	85.0	85.0	87.3
216	87.0	87.0	88.9	90.9	92.8	90.1	88.5	87.7
240	87.3	83.0	83.0	78.3	78.3	77.9	74.8	72.8
264	69.7	65.7	64.5	62.6	61.4	61.0	58.6	56.7
288	56.3	55.9	55.5	55.5	55.9	55.9	55.9	55.9
312	54.3	53.5	53.5	54.7	55.5	55.9	55.5	55.5
336	54.3	55.1	55.5	56.3	56.3	56.7	56.7	57.9

DEPTH	2815.2		TILT	0		VOS	5957.50	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	57.5	57.9	57.9	57.9	58.2	58.8	56.1	53.9
24	53.9	54.3	55.1	55.5	53.5	53.1	52.4	52.4
48	52.7	53.5	54.3	57.5	58.2	59.0	60.6	62.6
72	62.6	62.2	62.2	61.8	62.6	64.1	63.4	63.4
96	63.4	63.4	63.8	63.8	63.4	65.3	69.3	68.9
120	68.9	67.7	66.9	66.1	66.1	66.1	66.9	67.3
144	69.7	70.8	71.6	74.8	77.1	79.9	82.2	85.8
168	85.4	85.4	87.3	87.3	87.3	85.4	85.4	86.2
192	86.2	87.3	89.3	89.3	88.1	85.4	85.8	86.6
216	87.3	87.3	90.5	90.5	91.7	90.5	88.9	88.1
240	85.8	83.0	82.6	82.6	78.3	78.7	76.5	74.4
264	70.4	66.5	66.5	63.0	61.4	61.4	60.2	58.2
288	57.5	55.9	55.5	55.5	55.1	55.1	55.5	55.5
312	54.7	53.5	53.5	53.5	54.7	55.5	55.5	55.5
336	55.5	55.5	55.9	55.9	56.3	53.9	53.9	57.5



CUSTOMER : Westlake US 2, LLC
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WALL RANGES VS DEPTH

DEPTH	2820.2		TILT	0		VOS	5957.50	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	57.9	58.2	58.2	58.6	59.0	59.4	56.7	55.1
24	55.5	55.9	55.9	56.7	53.9	52.4	52.4	53.1
48	53.1	53.9	55.1	57.1	57.9	59.0	60.6	61.8
72	62.2	62.2	61.4	61.8	62.6	64.1	64.1	63.4
96	63.0	63.4	63.4	64.9	63.4	65.8	67.7	69.3
120	69.3	67.7	66.5	66.5	66.1	66.1	66.9	67.3
144	70.0	70.4	72.0	74.0	77.1	82.2	82.2	85.6
168	85.4	85.6	86.2	87.0	87.0	85.4	85.4	85.8
192	86.6	88.5	88.5	88.9	88.9	85.8	85.8	87.3
216	88.5	87.7	89.9	89.3	90.5	92.1	90.5	87.7
240	87.0	83.0	82.6	81.8	79.5	77.9	77.9	73.6
264	70.8	68.1	67.4	65.2	62.6	59.8	59.8	59.0
288	57.5	56.3	55.5	55.1	55.1	54.3	55.1	55.5
312	53.9	53.9	53.1	54.3	55.1	55.5	55.5	55.5
336	55.9	55.5	55.9	55.9	56.3	55.5	54.7	54.7

DEPTH	2825.0		TILT	0		VOS	5957.50	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	59.4	60.2	58.6	59.4	59.4	59.0	57.1	55.9
24	55.9	56.3	56.3	56.3	55.5	53.1	53.1	53.1
48	53.1	53.9	55.1	57.5	57.9	58.6	60.2	61.8
72	62.2	61.4	61.0	61.4	62.2	63.8	63.8	63.0
96	63.0	63.0	63.0	62.6	63.0	66.5	67.7	69.3
120	68.1	68.1	66.9	66.9	66.5	66.5	67.3	67.7
144	68.9	70.4	72.0	73.6	78.3	79.9	82.2	85.4
168	85.4	85.8	86.6	87.0	87.0	86.2	85.8	86.6
192	86.6	89.3	89.3	89.7	89.3	87.7	85.0	85.4
216	88.5	89.3	89.3	89.3	91.7	91.7	91.7	87.7
240	86.2	83.8	83.4	82.6	80.7	80.0	77.8	76.2
264	72.3	70.4	67.7	65.0	63.0	60.2	60.2	59.6
288	59.0	54.7	55.1	55.1	54.7	53.9	54.7	55.1
312	54.3	53.1	52.7	53.1	54.7	55.1	55.1	55.1
336	55.1	55.5	55.5	56.3	55.9	56.3	56.3	57.1

DEPTH	2830.0		TILT	0		VOS	5957.50	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	80.6	90.5	82.8	84.3	82.3	81.4	77.6	76.9
24	74.6	74.3	70.7	66.5	68.6	70.9	68.5	64.2
48	63.2	63.7	63.7	64.2	58.2	59.4	60.2	61.4
72	61.8	61.4	61.0	61.8	62.6	64.1	63.8	62.6
96	63.0	63.0	62.6	62.6	64.1	66.5	68.5	69.3
120	68.9	67.7	67.7	66.9	66.9	66.9	67.7	67.7
144	68.9	69.3	71.2	73.6	78.5	79.7	82.2	85.4
168	85.6	85.6	86.6	87.0	87.0	85.8	85.8	85.8
192	85.6	88.5	88.9	89.3	89.3	88.1	87.3	86.2
216	88.1	89.7	89.7	90.9	92.1	92.1	91.7	88.2
240	85.5	85.4	84.6	83.0	81.8	81.8	76.7	75.5
264	73.7	70.4	67.7	66.9	62.6	62.2	61.0	60.2
288	57.9	57.9	54.7	54.7	54.7	54.3	54.3	55.1
312	53.9	53.9	52.4	54.7	54.7	54.7	55.1	55.5
336	57.8	58.6	57.5	57.8	57.6	56.7	56.7	57.2



CUSTOMER : Westlake US 2, LLC
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WALL RANGES VS DEPTH

DEPTH	2835.1			TILT	0	VOS			5957.50
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21	
0	149.6	98.1	94.3	94.4	84.7	85.7	87.0	87.0	
24	84.7	78.7	76.7	77.5	74.0	74.0	73.6	71.6	
48	71.6	72.9	72.7	73.0	72.4	69.4	69.8	69.9	
72	69.5	70.7	70.8	72.2	72.2	71.2	72.9	73.9	
96	72.6	79.0	79.5	85.5	86.2	89.6	92.0	89.6	
120	74.6	74.6	68.2	68.2	68.0	67.7	67.8	70.6	
144	68.9	70.4	70.4	73.6	78.7	79.5	82.2	85.4	
168	85.8	85.4	86.6	87.0	87.0	87.0	85.4	86.2	
192	87.0	88.9	89.3	88.1	88.1	88.1	87.7	87.3	
216	88.9	90.5	90.9	91.7	92.8	91.7	91.7	89.7	
240	87.0	86.2	84.2	83.0	83.0	82.6	79.9	77.1	
264	74.0	75.7	71.0	67.3	64.1	63.8	61.4	65.7	
288	59.4	56.7	55.1	55.1	158.5	158.5	158.5	158.5	
312	158.5	159.9	161.3	158.9	158.9	151.3	151.3	148.9	
336	96.7	96.2	97.6	151.8	100.4	97.3	149.0	150.1	

DEPTH	2840.3			TILT	0	VOS			5957.50
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21	
0	152.2	152.2	151.3	150.3	150.8	149.8	150.3	150.3	
24	147.5	146.2	87.7	86.1	85.3	98.5	84.8	83.4	
48	83.0	81.1	85.0	112.2	136.6	136.0	136.0	116.8	
72	81.0	101.4	166.1	85.7	85.1	85.5	85.5	83.5	
96	83.5	88.0	89.9	93.5	95.8	106.3	101.1	106.8	
120	212.8	215.8	219.6	222.7	124.1	127.2	128.5	129.8	
144	129.3	129.7	231.5	242.0	98.5	103.1	81.1	85.0	
168	85.0	85.8	87.0	87.0	86.2	85.8	86.2	87.0	
192	87.0	87.0	87.3	87.7	88.9	89.7	88.5	88.5	
216	89.3	90.1	90.9	92.8	93.2	93.2	224.7	218.5	
240	87.3	87.3	84.6	83.8	83.0	81.1	200.6	194.1	
264	197.7	195.3	190.0	182.4	178.1	177.1	167.4	165.9	
288	162.8	160.4	159.7	159.7	158.3	158.5	157.3	157.7	
312	158.1	159.7	160.5	160.5	156.2	152.6	150.3	151.0	
336	150.8	153.3	154.2	155.6	156.1	151.4	151.4	152.2	

DEPTH	2845.2			TILT	0	VOS			5957.50
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21	
0	151.3	154.0	153.4	150.8	150.8	149.4	149.4	148.9	
24	148.9	147.9	147.5	147.1	148.3	146.5	148.4	149.4	
48	151.8	152.7	153.2	153.6	155.3	159.9	162.8	165.2	
72	167.6	167.8	170.9	169.9	174.2	174.4	177.2	186.2	
96	92.8	99.9	102.3	199.6	198.8	207.8	111.7	213.0	
120	215.9	218.8	225.0	227.4	236.5	237.0	134.1	234.6	
144	235.1	233.7	234.1	243.1	244.6	130.7	238.2	242.2	
168	242.7	243.0	245.6	247.7	244.6	244.5	246.0	244.0	
192	244.0	243.7	248.6	248.5	244.8	89.7	90.1	89.7	
216	90.1	90.9	91.7	92.8	227.9	228.8	226.5	220.2	
240	221.2	217.8	218.3	213.9	209.7	208.6	203.9	200.5	
264	197.8	196.8	196.3	185.3	181.9	177.0	166.4	164.0	
288	164.0	160.9	159.3	158.5	158.1	158.9	157.3	158.1	
312	158.9	160.9	160.5	160.5	156.2	153.7	150.7	151.0	
336	150.3	153.0	154.6	156.9	156.9	151.0	151.0	152.6	



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WALL RANGES VS DEPTH

DEPTH	2850.1		TILT		0		VOS		5958.60
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21	
0	151.9	151.9	152.6	151.1	150.3	148.7	149.1	149.5	
24	149.1	147.9	147.9	147.5	148.3	147.1	147.9	149.5	
48	151.9	151.9	153.8	157.0	159.3	160.5	163.3	164.4	
72	168.4	168.4	171.1	173.5	177.0	179.8	182.5	185.7	
96	188.4	194.7	197.1	200.1	201.8	206.5	207.7	212.4	
120	217.5	218.3	225.4	227.8	236.4	237.5	232.7	235.1	
144	230.3	230.8	236.1	244.2	244.7	240.4	236.8	241.5	
168	242.7	244.7	246.6	248.6	247.6	247.0	248.2	245.1	
192	245.1	245.1	249.8	249.0	245.7	245.1	236.0	234.0	
216	230.9	228.6	229.1	228.5	228.2	231.2	225.0	221.5	
240	220.7	219.1	217.1	215.6	209.3	211.0	206.2	201.7	
264	198.2	195.9	184.5	179.0	177.0	177.0	166.8	164.0	
288	163.3	161.9	161.1	159.5	158.1	158.5	157.4	158.1	
312	158.9	159.3	161.7	162.5	156.2	152.6	151.1	150.7	
336	150.3	153.4	154.2	156.2	156.3	151.5	151.5	151.9	

DEPTH	2855.0		TILT		0		VOS		5958.60
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21	
0	151.9	151.5	151.5	151.5	150.3	148.3	148.3	149.5	
24	149.1	147.5	148.7	147.5	147.9	147.9	149.5	151.1	
48	153.8	153.8	157.3	159.3	161.7	160.9	162.9	162.9	
72	167.2	169.2	171.9	174.1	179.0	180.6	184.9	184.9	
96	188.0	194.7	196.7	200.6	201.2	202.6	206.1	212.8	
120	216.4	217.9	223.0	226.2	236.4	237.2	231.3	235.7	
144	229.7	229.7	236.0	246.2	246.2	239.9	236.8	241.1	
168	244.7	244.7	247.8	247.8	247.0	247.0	248.6	245.5	
192	245.5	244.3	249.0	249.0	243.9	243.9	234.8	234.8	
216	228.3	222.6	222.6	219.1	227.8	230.5	223.4	223.0	
240	221.5	221.1	218.4	215.6	212.0	212.6	208.5	203.0	
264	198.7	196.3	184.1	178.6	175.8	172.9	166.8	165.6	
288	162.9	162.9	162.9	160.5	159.4	158.7	160.5	162.9	
312	162.5	162.8	162.0	162.5	156.2	151.9	151.9	150.7	
336	150.7	152.6	153.8	157.0	155.8	151.1	150.7	152.3	

DEPTH	2860.1		TILT		0		VOS		5958.60
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21	
0	151.9	152.3	153.0	151.1	150.7	147.9	149.5	149.9	
24	149.1	148.7	148.3	148.3	148.3	149.5	150.7	151.1	
48	153.8	153.8	160.0	158.9	162.4	162.3	162.9	164.8	
72	164.8	170.7	172.7	174.7	179.0	181.4	185.3	185.3	
96	189.2	194.7	195.9	198.7	200.6	201.7	205.6	210.7	
120	216.4	216.7	221.9	227.8	237.2	237.2	231.3	236.4	
144	230.1	228.9	234.0	247.0	245.8	242.3	236.4	241.9	
168	243.1	244.7	246.6	249.0	247.0	246.6	247.8	245.1	
192	243.5	243.9	248.6	248.2	245.1	242.5	235.2	234.4	
216	225.4	222.6	222.6	219.1	228.9	230.9	223.8	223.8	
240	221.9	220.7	220.7	216.7	214.5	214.5	208.9	203.0	
264	199.5	192.5	182.8	179.4	175.1	168.4	166.0	166.0	
288	162.1	163.3	163.3	160.9	160.1	158.9	160.5	162.9	
312	162.5	162.9	162.1	163.3	156.2	153.4	152.8	150.7	
336	150.7	154.2	154.2	157.4	155.1	150.7	151.1	151.9	



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WALL RANGES VS DEPTH

DEPTH	2870.0								TILT	0	VOS	5958.60
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21				
0	150.7	151.9	152.3	151.1	150.3	149.5	148.7	150.3				
24	148.3	147.1	148.7	149.9	149.1	151.1	151.1	153.0				
48	153.8	156.6	161.3	158.1	162.1	161.3	164.0	167.6				
72	166.9	169.2	176.5	177.9	181.5	182.4	184.5	186.5				
96	190.0	193.2	195.1	197.9	198.3	200.6	206.1	207.3				
120	214.4	216.4	217.0	225.8	231.7	232.2	230.1	233.3				
144	228.2	229.3	230.1	246.2	245.6	242.3	237.0	240.9				
168	243.5	242.3	243.9	246.6	246.6	246.2	244.7	241.1				
192	241.1	241.1	240.9	237.0	242.3	239.9	233.7	229.7				
216	225.8	222.6	221.1	221.5	224.2	228.2	223.0	225.0				
240	222.6	222.6	220.7	219.1	219.1	216.9	209.6	205.4				
264	197.8	185.3	180.2	174.3	175.1	166.9	165.9	164.1				
288	162.1	160.9	161.3	160.1	158.5	158.5	159.7	161.3				
312	162.1	163.3	163.3	162.5	156.2	152.6	151.1	150.3				
336	150.3	153.0	153.8	153.3	152.6	151.5	151.5	151.5				

DEPTH	2880.0								TILT	0	VOS	5958.60
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21				
0	147.5	147.5	150.3	144.4	144.4	145.2	143.6	145.2				
24	145.6	146.7	146.7	150.3	150.7	151.5	154.7	153.9				
48	154.7	156.6	157.4	166.4	166.4	167.2	168.8	167.6				
72	168.4	178.1	179.8	182.1	182.5	184.1	186.1	184.9				
96	186.5	195.9	197.5	196.3	195.1	196.8	199.0	201.0				
120	202.1	203.0	212.1	216.0	216.4	217.9	214.0	222.3				
144	223.6	227.8	229.4	242.9	243.5	241.1	236.0	233.7				
168	233.7	243.1	241.9	236.5	240.7	240.7	239.9	233.7				
192	234.2	239.4	228.2	228.9	229.7	229.7	234.0	220.3				
216	224.2	221.1	220.7	221.9	226.3	226.4	231.0	226.6				
240	226.6	225.0	224.6	225.0	225.0	217.9	212.8	207.3				
264	196.3	182.9	172.7	173.5	168.1	166.0	158.9	156.2				
288	154.4	154.2	156.2	153.0	152.6	153.0	153.4	156.6				
312	156.6	154.2	153.4	147.9	144.8	149.1	147.5	147.1				
336	148.7	149.9	149.9	149.1	149.9	144.8	144.4	146.0				

DEPTH	2890.1								TILT	0	VOS	5958.60
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21				
0	138.5	138.5	142.2	140.8	142.7	142.0	138.5	139.3				
24	143.2	143.6	145.6	149.9	152.3	155.8	156.6	155.8				
48	155.4	155.8	156.6	165.7	169.8	169.8	170.1	170.3				
72	176.2	177.4	177.8	181.4	183.3	187.6	187.3	185.8				
96	184.5	192.0	196.3	195.9	194.7	193.2	194.1	197.9				
120	195.1	192.9	205.4	210.1	210.1	213.6	213.6	217.5				
144	223.8	227.0	227.0	235.2	236.8	237.2	227.4	232.2				
168	230.5	232.2	235.2	235.6	234.4	233.3	231.7	229.7				
192	227.0	225.5	226.5	218.7	221.1	221.9	218.8	216.4				
216	216.7	216.4	220.7	224.6	227.4	230.9	230.9	226.6				
240	227.0	227.0	226.2	226.2	228.0	220.3	212.8	208.5				
264	195.4	179.6	169.9	160.9	160.9	157.0	155.6	151.5				
288	151.1	154.7	151.5	150.8	146.4	147.5	151.9	151.1				
312	151.9	153.0	151.1	142.8	137.3	143.7	146.0	145.6				
336	144.8	148.7	149.5	149.4	141.7	140.8	140.5	142.8				



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WALL RANGES VS DEPTH

DEPTH	2900.0			TILT			51			VOS			5960.20		
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21							
0	91.7	94.4	94.4	94.4	94.8	94.1	94.1	93.4							
24	91.7	91.7	92.0	91.7	91.3	93.5	93.9	93.2							
48	93.0	93.3	93.5	94.4	92.0	93.5	95.4	97.9							
72	98.5	97.4	96.6	97.3	98.7	101.5	101.5	100.1							
96	99.7	99.3	99.3	102.8	100.1	103.8	109.7	109.1							
120	109.1	107.2	105.7	105.1	104.7	104.7	106.0	106.6							
144	110.1	111.7	113.1	116.2	124.7	125.3	129.7	132.1							
168	132.5	135.9	136.3	132.5	132.5	134.5	133.5	133.5							
192	133.8	134.5	133.8	136.6	135.2	136.3	134.2	134.2							
216	132.5	133.8	136.5	137.4	139.4	138.8	137.6	135.9							
240	135.9	136.3	127.1	122.2	121.7	121.7	117.6	115.2							
264	111.7	106.4	105.5	103.1	100.3	95.7	95.5	94.4							
288	92.4	92.4	86.9	86.9	85.4	85.4	86.5	86.8							
312	86.8	86.8	89.2	89.2	88.2	87.2	88.6	88.2							
336	90.3	91.7	90.7	90.3	90.3	89.6	89.6	89.9							

DEPTH	2900.0			TILT			-26			VOS			5960.20		
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21							
0	133.6	131.0	129.7	131.4	128.6	127.8	128.8	133.0							
24	137.2	141.6	151.2	160.9	165.9	168.9	169.8	169.4							
48	169.4	177.3	183.1	180.8	180.2	184.0	187.3	187.8							
72	184.2	184.1	185.8	189.1	192.2	195.8	201.9	202.0							
96	202.9	204.6	204.4	202.0	201.2	196.8	196.4	196.5							
120	196.0	197.2	195.4	195.8	196.5	191.9	192.0	187.1							
144	181.7	177.3	183.5	190.1	195.4	198.0	198.7	194.7							
168	208.4	201.7	204.4	203.3	207.7	203.6	208.2	208.4							
192	206.9	209.5	214.9	219.0	227.2	232.4	235.1	247.7							
216	252.9	253.2	267.1	265.5	267.3	275.7	270.8	273.9							
240	263.9	253.9	250.1	245.3	246.8	247.3	241.9	245.1							
264	244.8	244.9	247.6	194.1	194.1	205.9	211.3	203.5							
288	203.3	205.6	201.3	199.4	193.1	189.2	175.9	174.3							
312	169.8	164.5	156.1	152.7	149.2	149.0	145.9	145.1							
336	145.1	144.2	141.6	142.0	138.5	136.9	137.2	135.1							

DEPTH	2900.0			TILT			-28			VOS			5960.20		
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21							
0	137.6	137.2	134.1	132.3	131.0	130.6	130.6	136.1							
24	138.9	143.8	150.4	158.3	166.3	172.0	173.3	172.6							
48	172.2	178.1	186.1	183.0	183.6	181.7	191.4	191.4							
72	187.8	186.6	187.9	190.1	194.5	198.5	203.9	204.6							
96	206.4	207.9	208.8	205.3	202.8	200.2	199.5	197.5							
120	198.0	198.0	198.5	200.2	199.4	192.6	192.8	191.4							
144	184.4	179.5	185.7	190.5	200.0	202.1	202.1	197.2							
168	208.9	203.8	209.5	206.9	209.4	207.2	208.2	208.2							
192	206.0	213.2	220.0	227.9	231.6	239.5	239.9	253.2							
216	256.7	259.3	271.2	273.8	276.1	353.3	350.7	350.2							
240	350.6	261.1	258.0	252.3	253.6	253.4	248.0	252.3							
264	278.9	295.0	200.7	194.5	191.4	192.0	178.2	221.9							
288	213.3	212.6	211.7	207.4	209.1	196.1	197.6	187.8							
312	191.4	183.5	173.5	167.0	157.8	154.8	152.2	150.4							
336	150.4	147.8	148.2	148.6	145.6	141.1	141.1	139.3							



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WALL RANGES VS DEPTH

DEPTH	2900.0			TILT -29			VOS 5960.20		
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21	
0	143.9	144.5	136.7	133.6	133.2	131.4	134.5	138.5	
24	138.9	143.3	150.4	160.5	168.0	172.9	174.2	174.2	
48	174.0	177.7	188.0	185.2	184.8	183.9	192.4	193.6	
72	189.7	189.7	189.7	191.4	194.9	201.4	206.2	207.8	
96	208.7	210.8	210.8	208.7	205.3	203.1	202.2	198.9	
120	198.0	198.0	198.5	200.2	200.2	194.9	192.9	191.0	
144	187.9	180.8	185.7	193.8	201.3	202.9	204.5	197.2	
168	206.6	206.7	210.3	208.2	210.4	208.9	206.7	208.2	
192	214.6	218.0	223.9	231.3	235.9	239.5	242.1	255.8	
216	261.3	265.3	355.0	278.7	352.0	353.3	348.9	351.1	
240	350.6	344.0	315.8	254.0	257.0	256.5	243.4	290.5	
264	299.7	295.0	200.2	195.4	191.4	185.7	173.3	222.3	
288	230.2	216.6	219.6	215.7	215.7	209.5	205.7	196.3	
312	193.9	190.5	179.2	175.7	164.1	161.9	158.9	153.1	
336	153.6	154.7	153.1	152.1	151.9	149.8	147.1	142.0	

DEPTH	2900.0			TILT -30			VOS 5960.20		
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21	
0	150.4	146.9	139.8	137.6	137.4	137.3	138.5	144.0	
24	141.5	145.7	154.3	162.8	170.2	173.8	176.3	176.3	
48	175.5	178.7	189.7	186.4	185.6	194.1	193.6	195.6	
72	192.0	191.8	192.3	196.5	200.6	203.1	208.3	211.6	
96	211.7	213.3	212.6	210.4	208.2	206.7	204.9	202.6	
120	199.2	199.2	200.1	202.2	202.4	196.7	193.3	192.8	
144	188.4	186.1	188.1	196.3	202.5	203.3	206.9	199.0	
168	208.3	208.4	210.4	208.6	210.4	211.3	209.1	213.0	
192	217.3	221.4	228.0	235.3	239.4	242.4	252.8	260.2	
216	263.4	357.7	350.6	344.5	325.3	326.6	337.4	351.1	
240	348.0	339.8	315.4	313.6	259.9	297.0	239.0	289.5	
264	299.7	202.0	196.7	192.7	189.3	179.5	175.5	211.9	
288	266.9	265.3	227.1	230.4	224.1	217.0	214.8	213.0	
312	206.0	202.5	190.5	184.7	187.4	168.9	165.0	161.9	
336	168.5	163.6	159.5	157.5	155.7	155.7	152.6	151.7	

DEPTH	2900.0			TILT -31			VOS 5960.20		
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21	
0	156.2	155.8	145.9	147.3	143.8	144.2	145.1	146.6	
24	144.9	147.9	158.2	165.4	174.2	177.0	178.1	177.8	
48	177.8	179.5	191.1	188.0	187.4	198.9	197.8	197.6	
72	195.9	193.6	203.8	204.2	209.5	208.4	214.2	215.0	
96	216.7	216.7	215.7	214.1	243.7	239.5	212.6	210.0	
120	200.2	200.5	203.3	205.9	205.1	199.1	193.6	194.0	
144	188.6	187.9	190.1	198.9	203.8	204.3	207.7	200.5	
168	207.8	210.9	211.6	208.6	212.9	212.7	213.3	217.4	
192	219.2	228.7	236.0	239.5	244.6	251.0	357.7	357.7	
216	357.7	351.8	341.8	339.4	302.8	303.8	314.6	323.2	
240	324.3	335.1	301.9	301.2	305.7	288.3	234.9	287.8	
264	250.9	202.5	197.2	190.4	186.6	180.0	175.5	202.6	
288	280.3	270.5	244.9	246.7	238.5	230.2	224.9	221.9	
312	219.2	210.8	208.9	204.6	196.7	181.7	178.2	171.6	
336	173.8	168.1	163.8	161.8	163.5	160.6	160.9	155.7	



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WALL RANGES VS DEPTH

DEPTH	2900.0			TILT			-32			VOS			5960.20		
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21							
0	162.7	162.2	164.6	153.0	153.0	151.9	152.0	150.8							
24	148.9	157.8	164.4	173.4	178.1	180.0	180.0	178.9							
48	181.3	180.7	192.4	190.0	198.6	201.5	205.0	200.7							
72	202.8	206.0	209.5	224.5	211.0	213.9	214.7	231.6							
96	221.4	234.2	238.2	246.1	328.8	332.8	239.5	339.9							
120	343.1	203.7	207.1	208.1	207.9	205.1	194.5	194.9							
144	191.5	188.4	192.2	199.4	205.0	205.2	207.7	200.7							
168	205.5	213.3	212.9	211.8	214.8	215.5	218.1	218.8							
192	222.3	230.3	241.2	246.0	248.5	251.0	349.2	353.3							
216	348.9	345.9	342.1	305.1	282.8	283.8	294.9	299.5							
240	303.8	309.1	289.1	289.4	290.4	279.6	284.9	286.7							
264	214.4	202.5	197.1	187.8	188.8	176.8	176.4	193.8							
288	281.8	275.7	264.6	264.6	254.0	240.5	233.8	234.6							
312	227.1	218.6	219.4	214.0	206.8	198.7	199.8	190.5							
336	194.4	189.6	182.1	182.1	178.8	177.2	175.1	171.4							

DEPTH	2900.0			TILT			-33			VOS			5960.20		
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21							
0	174.0	185.3	176.1	171.8	157.5	166.5	160.8	161.0							
24	170.2	172.5	172.5	175.1	181.0	182.3	182.0	181.4							
48	184.6	187.4	193.2	192.3	202.8	203.5	212.6	211.1							
72	209.1	208.8	226.1	228.8	230.1	232.4	233.1	232.4							
96	234.2	237.5	241.3	330.4	331.8	336.5	339.4	345.8							
120	347.9	351.9	359.0	360.3	210.4	210.8	198.6	194.7							
144	193.6	188.3	194.3	198.9	206.0	206.0	210.8	202.0							
168	204.6	213.9	216.1	213.9	218.0	218.7	222.3	224.8							
192	232.0	233.8	243.0	249.6	356.0	339.1	340.6	343.3							
216	340.1	340.1	341.8	276.0	265.1	266.8	277.3	278.9							
240	285.5	286.3	277.5	278.6	276.1	275.3	227.2	283.0							
264	206.9	201.1	194.9	190.5	190.5	176.4	176.4	185.4							
288	284.0	281.0	271.9	271.9	269.8	251.0	248.3	248.7							
312	239.5	233.2	227.2	223.4	215.9	217.5	214.3	205.7							
336	205.1	201.6	199.8	191.1	188.4	189.9	189.4	183.8							

DEPTH	2900.0			TILT			-34			VOS			5960.20		
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21							
0	192.8	191.2	195.8	179.5	171.9	173.6	179.9	183.0							
24	176.9	174.7	177.7	178.2	183.3	184.2	184.0	183.9							
48	184.8	200.3	197.3	205.8	208.4	208.5	215.9	215.6							
72	212.6	217.2	229.1	295.2	301.8	301.2	305.5	234.5							
96	317.4	239.9	241.3	331.2	333.0	337.4	341.0	344.5							
120	349.8	354.2	359.0	360.3	357.0	355.0	357.1	195.6							
144	197.2	191.3	196.2	198.9	207.1	207.8	210.8	204.7							
168	207.1	216.3	218.7	216.1	223.7	224.3	227.6	235.2							
192	240.4	354.4	248.8	349.1	346.3	332.1	332.4	333.4							
216	335.6	337.8	277.9	266.0	262.0	261.1	261.7	260.7							
240	269.0	269.9	269.9	268.9	269.9	270.7	223.7	221.0							
264	203.3	201.6	195.8	194.5	190.5	176.4	176.0	178.2							
288	288.4	286.7	279.5	279.2	287.3	262.6	266.3	264.2							
312	252.7	252.7	254.0	254.0	225.8	224.1	229.3	214.4							
336	213.0	207.9	211.2	203.2	201.6	206.9	207.3	195.5							



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**WALL RANGES VS DEPTH**

DEPTH	2900.0		TILT		-35		VOS		5960.20
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21	
0	228.9	199.8	202.5	193.1	194.4	190.6	189.6	201.5	
24	202.9	205.1	191.0	190.2	249.6	251.8	186.4	186.2	
48	188.4	201.6	200.9	210.7	220.6	221.3	217.0	217.9	
72	217.9	222.7	302.2	302.5	305.8	313.1	318.9	317.4	
96	319.8	322.9	325.9	331.2	331.7	337.4	338.7	345.3	
120	352.4	354.2	359.0	359.3	352.4	352.0	354.9	197.6	
144	199.7	194.3	199.6	201.1	210.4	209.9	214.7	209.0	
168	210.4	215.2	222.9	350.7	226.3	354.4	355.9	356.4	
192	351.1	352.8	333.4	336.6	336.8	325.4	324.6	322.3	
216	316.8	303.8	256.3	256.2	263.3	255.3	253.6	254.9	
240	262.9	263.8	264.2	262.9	262.9	264.3	272.3	223.1	
264	201.3	200.2	195.8	194.5	190.5	176.7	174.2	174.7	
288	289.8	289.6	287.1	290.2	289.8	286.7	286.7	276.1	
312	272.6	260.7	254.0	254.0	251.4	245.7	235.8	229.8	
336	228.9	228.5	228.5	225.4	227.6	210.9	212.0	200.5	

DEPTH	2900.0		TILT		-36		VOS		5960.20
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21	
0	231.3	216.2	234.6	236.0	238.2	238.2	242.2	240.8	
24	242.6	242.5	245.4	249.5	258.3	258.5	262.4	189.5	
48	192.8	203.0	213.0	271.7	271.2	271.2	273.7	279.3	
72	291.1	296.8	305.7	307.4	308.9	316.5	318.0	318.4	
96	321.1	322.9	324.6	331.2	332.1	337.4	338.7	340.1	
120	345.8	352.3	350.9	352.4	345.8	349.3	352.0	202.0	
144	202.0	202.4	211.6	213.2	213.4	213.0	215.7	210.8	
168	214.8	220.2	349.6	229.8	346.7	353.4	348.4	352.0	
192	351.1	345.8	322.1	326.5	327.7	316.5	314.7	311.4	
216	301.8	275.2	254.7	254.9	260.0	249.6	253.6	254.9	
240	257.5	258.9	262.4	262.4	260.7	257.8	257.2	227.1	
264	200.9	198.9	196.3	192.1	188.8	176.4	173.8	174.7	
288	234.5	292.0	290.7	294.4	294.1	286.7	288.0	282.2	
312	275.9	264.2	257.8	254.0	251.8	247.9	238.6	229.8	
336	228.9	228.5	231.1	231.6	233.8	230.7	228.0	228.5	

DEPTH	2900.0		TILT		-37		VOS		5960.20
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21	
0	234.9	230.7	234.6	236.0	238.2	238.2	242.1	253.6	
24	249.4	255.2	259.4	259.9	265.0	273.3	193.7	194.1	
48	200.0	203.2	215.4	283.3	284.0	283.2	285.6	290.0	
72	300.1	300.7	308.6	309.0	313.1	316.7	319.8	320.6	
96	321.1	322.9	324.6	329.9	332.1	335.2	339.2	338.7	
120	340.9	345.8	342.7	340.1	342.8	349.3	351.2	353.3	
144	352.8	205.8	358.0	216.5	216.5	214.8	353.9	352.3	
168	350.7	350.2	348.0	346.0	346.6	350.2	341.6	340.3	
192	339.0	334.8	311.7	318.9	320.7	307.8	305.3	291.6	
216	287.7	260.5	256.6	255.4	256.3	246.9	250.5	255.4	
240	255.2	258.3	261.2	262.4	259.3	257.1	252.8	228.9	
264	201.1	198.5	197.6	189.2	184.8	177.7	173.3	173.8	
288	198.6	253.3	303.4	298.2	298.2	289.6	289.1	288.0	
312	278.7	272.5	261.1	255.8	251.4	249.6	239.9	235.5	
336	233.5	232.0	233.3	237.7	233.8	230.7	231.7	231.4	



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WALL RANGES VS DEPTH

DEPTH	2900.0			TILT -38			VOS 5960.20		
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21	
0	238.0	239.9	234.6	241.3	245.2	242.1	250.7	260.4	
24	257.5	263.3	263.8	266.8	271.7	289.5	293.2	297.0	
48	299.1	293.2	292.1	295.9	297.5	295.9	289.8	294.8	
72	301.7	302.6	307.0	306.5	316.2	318.9	320.6	321.1	
96	317.5	324.6	324.6	325.9	329.6	333.5	335.9	338.3	
120	340.9	342.7	339.6	337.3	338.7	342.3	347.1	351.5	
144	351.2	351.5	354.4	354.2	354.6	353.9	351.2	350.7	
168	347.8	346.7	345.8	344.0	346.2	342.8	334.6	329.4	
192	327.6	324.3	309.6	311.5	313.6	299.5	296.3	273.9	
216	274.8	253.6	255.4	253.6	251.0	242.6	247.0	254.9	
240	252.7	260.0	258.8	259.9	255.6	252.4	248.4	230.4	
264	199.8	197.6	193.2	185.9	182.4	176.5	173.3	169.4	
288	170.7	223.7	303.4	298.2	297.7	292.0	289.8	288.9	
312	282.7	280.9	265.4	259.3	254.9	252.3	239.5	239.5	
336	237.7	235.1	237.7	240.4	233.8	232.9	234.3	236.3	

DEPTH	2900.0			TILT -41			VOS 5960.20		
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21	
0	243.0	258.7	249.2	270.7	278.2	277.4	279.3	282.5	
24	281.4	287.6	289.8	294.6	294.6	295.9	296.8	298.2	
48	300.4	294.2	292.0	297.3	298.2	298.2	289.3	292.4	
72	292.4	295.9	302.3	301.8	302.3	297.5	305.7	307.4	
96	306.5	306.5	309.2	311.4	312.7	318.0	314.9	321.3	
120	317.1	333.9	332.6	335.2	333.0	338.3	341.4	342.7	
144	342.3	347.1	344.9	345.8	347.6	345.7	344.5	340.9	
168	340.9	340.5	341.4	340.9	336.5	322.9	312.3	305.6	
192	298.6	296.8	296.1	292.2	286.2	283.2	273.7	260.2	
216	253.6	248.2	249.0	243.7	240.1	235.5	243.1	244.8	
240	247.4	251.2	251.0	252.7	245.9	250.9	244.5	228.7	
264	199.4	192.5	183.1	180.6	174.9	173.8	178.2	170.7	
288	166.3	166.3	165.8	284.1	281.4	280.5	282.4	282.0	
312	295.5	295.5	278.3	268.2	268.2	259.8	249.7	248.6	
336	249.7	247.6	244.8	245.7	244.3	244.3	245.7	243.5	

DEPTH	2900.0			TILT -44			VOS 5960.20		
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21	
0	277.1	281.0	282.3	281.8	286.7	281.0	281.0	281.0	
24	279.6	281.4	292.1	294.6	294.6	285.8	286.7	281.0	
48	279.2	279.2	277.4	282.3	281.8	281.8	284.5	282.7	
72	279.1	265.1	265.1	258.0	272.6	271.7	294.6	295.1	
96	295.1	282.6	300.8	291.8	297.9	303.3	302.9	304.0	
120	319.3	312.7	315.4	326.0	327.7	327.8	329.1	323.7	
144	325.9	331.2	335.2	334.8	333.9	329.9	328.1	332.1	
168	331.7	328.6	327.7	330.8	318.4	318.0	302.7	298.4	
192	297.4	295.1	283.3	278.2	266.5	264.6	261.2	251.1	
216	251.5	249.6	247.4	241.7	243.0	242.3	244.8	240.2	
240	241.9	243.0	243.0	240.8	239.1	241.7	244.3	240.5	
264	208.9	195.7	186.7	181.5	169.9	179.5	179.1	167.6	
288	167.6	165.8	165.4	208.1	214.9	277.1	275.7	275.7	
312	282.7	285.2	286.8	282.7	272.1	273.9	273.9	264.6	
336	263.8	263.8	261.5	253.6	252.3	271.7	271.7	274.3	



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WALL RANGES VS DEPTH

DEPTH	2900.0			TILT			-47			VOS			5960.20		
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21							
0	282.7	288.9	288.0	287.6	287.1	277.4	279.4	277.8							
24	277.5	278.5	282.3	276.1	273.0	281.0	281.0	279.6							
48	275.2	270.8	273.5	260.2	259.3	259.8	260.7	268.2							
72	265.5	251.9	256.3	254.0	247.6	251.4	261.5	264.4							
96	265.2	262.4	262.0	262.0	279.2	288.4	288.4	288.0							
120	295.9	300.8	302.6	308.3	309.6	311.8	318.9	318.9							
144	316.7	319.8	322.4	312.8	311.8	311.3	309.3	311.5							
168	312.3	312.7	317.1	307.9	311.7	305.8	295.4	292.5							
192	287.1	287.1	272.1	264.6	254.5	257.1	255.4	254.0							
216	251.4	250.1	241.7	239.1	240.4	240.8	236.5	236.0							
240	235.8	233.9	235.5	234.5	232.9	233.3	232.6	239.1							
264	218.1	194.1	189.2	175.2	168.0	168.8	171.0	170.0							
288	166.7	165.4	164.5	163.6	173.6	158.3	161.4	209.2							
312	276.1	276.5	280.5	281.4	280.1	285.7	284.1	275.0							
336	275.5	269.9	269.9	262.9	262.9	281.8	283.2	286.7							

DEPTH	2900.0			TILT			-51			VOS			5960.20		
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21							
0	288.4	284.0	285.8	284.0	284.0	282.3	277.9	274.3							
24	275.2	275.2	269.9	266.0	269.0	263.3	253.2	254.0							
48	247.4	256.8	248.6	240.8	247.0	247.4	247.0	242.2							
72	241.7	239.1	234.6	232.9	232.9	240.5	244.3	253.2							
96	244.7	248.8	259.8	262.4	264.2	270.8	276.5	277.5							
120	288.0	289.9	294.8	298.1	294.8	295.2	300.0	301.6							
144	301.2	301.8	303.7	305.0	303.5	304.0	309.6	304.5							
168	298.6	291.1	291.6	291.5	293.2	293.3	286.2	273.5							
192	277.4	272.1	270.4	261.7	253.6	251.8	253.2	246.1							
216	251.8	242.0	242.0	241.5	242.1	233.3	232.9	231.1							
240	231.1	225.1	223.3	225.4	224.6	227.2	230.2	236.4							
264	236.4	197.2	181.2	170.8	170.9	176.6	172.0	165.1							
288	163.2	160.5	161.4	161.4	161.4	158.3	157.9	157.9							
312	191.0	269.1	272.8	277.4	277.0	277.9	281.4	290.2							
336	289.3	289.3	291.1	290.7	290.2	289.3	287.3	287.3							

DEPTH	2900.0			TILT			-54			VOS			5960.20		
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21							
0	280.7	281.0	278.6	279.0	279.0	274.1	266.5	263.8							
24	264.1	264.8	266.5	262.0	245.1	244.7	242.3	216.4							
48	247.5	247.5	233.0	232.7	233.7	220.9	224.0	224.4							
72	223.0	231.6	235.8	232.7	230.2	233.3	233.0	237.5							
96	240.3	242.7	246.8	258.9	261.0	265.1	266.2	270.6							
120	282.8	282.8	281.7	283.5	286.9	284.6	288.3	288.0							
144	288.4	295.2	294.9	294.9	292.5	293.5	287.3	286.3							
168	285.9	279.5	275.6	274.3	274.9	271.9	269.6	263.9							
192	261.1	256.6	252.4	246.1	243.7	242.0	243.0	243.7							
216	242.7	242.7	241.3	241.3	232.5	234.4	234.4	234.4							
240	231.3	225.0	222.6	223.0	223.3	224.7	229.5	230.4							
264	235.4	201.5	175.1	176.3	183.4	170.4	172.9	162.6							
288	161.1	163.2	162.8	162.8	160.4	160.4	160.4	157.2							
312	154.9	154.6	154.2	152.8	268.1	271.7	280.7	280.7							
336	282.4	283.3	281.0	280.4	280.0	279.3	279.0	280.0							



CUSTOMER : Westlake US 2, LLC
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WALL RANGES VS DEPTH

DEPTH	2900.0			TILT			-57			VOS			5960.20		
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21							
0	274.8	184.9	274.8	262.7	258.9	179.7	256.5	255.1							
24	247.9	249.9	251.7	238.5	236.5	190.9	204.1	188.8							
48	194.0	234.0	194.5	186.6	187.6	184.2	190.1	214.3							
72	224.1	230.2	238.2	239.6	237.2	239.7	239.8	236.8							
96	241.6	246.8	250.7	253.7	261.0	261.0	264.8	264.5							
120	266.9	267.9	267.9	273.4	276.9	279.0	282.4	268.5							
144	268.9	269.4	270.2	271.5	266.4	267.9	277.2	277.6							
168	275.5	275.5	266.1	260.1	260.3	257.8	255.5	255.5							
192	246.8	243.0	238.9	234.1	234.7	238.9	240.6	240.6							
216	236.8	233.5	231.8	231.2	227.2	227.8	227.7	226.8							
240	226.8	221.2	220.6	217.1	217.1	220.2	220.2	227.8							
264	233.7	200.3	190.8	193.2	190.5	174.5	167.1	163.3							
288	163.7	162.3	162.2	163.1	164.1	164.6	160.6	159.1							
312	152.8	152.8	153.5	150.8	150.2	150.4	150.0	183.6							
336	183.8	183.6	182.9	182.8	182.5	184.9	278.6	276.6							

DEPTH	2900.0			TILT			-59			VOS			5960.20		
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21							
0	151.1	151.1	151.1	147.6	147.6	146.6	162.1	198.3							
24	179.7	165.2	165.2	165.2	165.6	166.6	184.8	174.4							
48	169.7	169.7	175.3	165.0	165.9	165.9	176.2	204.1							
72	223.6	230.9	232.5	236.0	234.4	237.8	237.8	237.8							
96	242.7	243.4	251.0	250.6	254.8	254.8	249.9	243.7							
120	247.2	247.2	255.5	261.3	267.9	270.5	273.1	266.5							
144	266.2	264.5	264.5	264.1	264.8	264.5	267.6	265.1							
168	265.8	265.8	259.6	257.5	254.0	251.4	247.9	244.9							
192	242.0	239.3	238.4	234.0	233.7	228.8	237.1	237.1							
216	230.7	226.6	224.7	224.7	224.0	223.7	221.6	216.7							
240	215.4	215.7	216.1	216.4	216.4	216.1	217.4	221.0							
264	225.4	198.5	197.4	192.6	192.6	181.4	169.5	167.2							
288	160.3	159.8	160.0	164.8	166.0	162.0	162.3	157.1							
312	154.2	154.2	153.7	150.7	150.4	150.0	150.0	148.6							
336	148.6	148.3	148.0	148.0	148.6	152.0	153.1	153.6							

DEPTH	2900.0			TILT			-62			VOS			5960.20		
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21							
0	156.3	152.5	150.1	148.1	147.6	146.6	154.9	166.5							
24	158.2	159.0	161.1	161.1	159.8	159.0	158.3	159.8							
48	159.8	162.5	165.5	160.7	162.6	162.1	177.5	190.6							
72	225.8	229.0	230.2	231.3	231.6	234.7	234.7	234.9							
96	236.1	235.8	236.1	238.5	244.4	244.7	240.3	239.6							
120	238.9	238.9	238.9	253.0	257.9	260.3	263.1	263.1							
144	263.1	261.7	261.7	256.7	261.0	262.0	256.5	252.7							
168	252.7	248.6	247.5	241.3	244.6	242.3	236.1	236.1							
192	236.1	237.0	230.9	230.6	225.0	223.3	224.0	224.0							
216	221.2	213.0	209.6	204.0	204.0	202.6	208.1	204.9							
240	212.3	213.6	213.6	211.6	210.5	211.6	212.3	212.3							
264	223.6	198.2	196.1	193.6	174.6	177.9	176.0	164.7							
288	164.7	168.3	171.3	168.5	165.6	167.9	161.2	153.1							
312	163.7	160.8	151.9	151.1	150.7	150.7	149.0	149.0							
336	151.5	152.3	147.7	149.0	148.2	149.0	155.7	154.8							



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WALL RANGES VS DEPTH

DEPTH	2900.1			TILT	0	VOS			5960.20
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21	
0	135.8	136.9	139.3	140.1	138.5	138.5	135.8	134.2	
24	136.6	142.5	143.6	146.4	149.5	156.2	157.0	154.7	
48	154.7	157.4	155.8	166.5	166.5	169.2	172.4	173.5	
72	173.5	176.3	177.1	179.8	181.0	186.9	186.1	184.2	
96	184.5	191.6	192.4	195.6	193.6	192.8	195.2	197.5	
120	194.0	194.0	204.6	210.9	209.7	213.3	212.9	216.4	
144	222.3	225.9	224.3	231.0	231.0	236.6	225.5	224.3	
168	224.2	224.3	230.9	231.8	232.9	231.4	228.2	217.0	
192	220.3	224.3	224.2	218.4	218.4	218.4	216.5	213.7	
216	212.9	213.3	220.7	222.3	228.2	234.5	229.0	227.4	
240	227.4	229.8	229.8	227.8	227.5	220.3	212.5	209.3	
264	197.9	180.1	170.4	157.0	157.6	152.7	153.5	144.4	
288	144.8	139.3	139.3	145.2	146.6	146.1	149.4	148.0	
312	150.4	141.3	148.5	140.3	136.2	137.9	133.2	133.5	
336	133.0	144.8	144.0	142.1	138.9	139.4	138.9	136.2	

DEPTH	2910.1			TILT	0	VOS			5960.20
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21	
0	135.4	134.6	136.9	137.7	135.0	131.8	132.2	133.4	
24	133.4	138.1	140.9	144.8	150.0	156.0	156.0	155.4	
48	154.7	154.7	155.4	166.5	166.8	172.4	171.6	172.0	
72	173.1	173.9	175.9	177.1	181.0	185.7	184.9	182.6	
96	182.7	189.7	194.8	194.4	192.8	192.4	192.8	196.3	
120	192.8	198.7	203.8	203.8	207.4	209.4	211.7	212.7	
144	215.5	225.1	225.5	223.5	228.2	224.3	224.3	222.7	
168	224.3	223.1	225.5	226.2	229.4	222.7	223.7	220.8	
192	219.8	223.5	212.9	212.9	218.0	214.1	211.0	210.6	
216	213.8	216.0	222.7	226.6	231.0	235.3	233.7	229.0	
240	229.0	229.0	229.4	229.0	226.6	219.4	213.5	209.7	
264	200.7	178.3	170.4	161.7	159.8	152.7	152.3	144.0	
288	145.2	142.1	142.7	143.2	142.7	139.9	138.5	143.2	
312	146.6	140.9	145.1	136.6	136.2	138.1	132.2	131.7	
336	131.0	140.5	137.9	139.9	136.0	136.0	135.8	136.2	

DEPTH	2920.1			TILT	85	VOS			5960.20
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21	
0	407.7	407.5	405.8	405.8	405.3	405.3	405.3	405.3	
24	405.8	407.2	406.9	406.7	407.6	407.3	406.6	406.6	
48	406.9	407.1	407.1	407.2	406.4	406.4	407.6	407.7	
72	407.0	407.4	407.6	407.2	407.6	407.4	407.9	407.9	
96	407.9	408.2	408.4	408.3	407.5	408.9	408.0	408.0	
120	408.6	407.9	407.5	407.5	407.5	406.4	406.4	406.4	
144	408.0	407.3	407.5	407.5	408.3	407.5	406.8	408.4	
168	407.1	407.2	407.0	407.8	407.8	407.7	407.6	405.8	
192	407.6	408.0	405.8	407.0	407.1	408.0	406.4	406.6	
216	405.8	406.5	406.6	407.5	407.5	407.8	407.0	407.3	
240	407.7	407.4	407.3	407.3	407.7	407.8	407.9	407.0	
264	407.4	406.9	406.9	406.7	407.8	406.9	406.7	405.8	
288	406.9	406.9	406.6	406.6	405.8	407.3	405.8	408.2	
312	405.3	408.0	405.3	405.8	406.9	407.7	408.0	408.2	
336	405.8	405.8	407.7	405.8	407.4	407.3	407.3	407.6	



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WALL RANGES VS DEPTH

DEPTH	2920.1			TILT			80			VOS			5960.20		
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21							
0	410.8	412.4	412.1	411.8	411.9	413.3	412.5	412.5							
24	410.9	412.8	412.8	413.6	413.6	412.1	412.2	413.9							
48	411.7	411.4	411.3	413.3	412.0	412.7	413.6	412.8							
72	410.8	410.8	411.9	411.2	412.4	411.9	411.9	411.9							
96	411.9	411.9	411.9	411.9	413.0	413.0	412.4	412.4							
120	413.6	411.3	411.7	410.6	413.0	412.4	413.0	412.4							
144	412.4	411.3	413.0	411.3	411.3	412.4	413.0	412.9							
168	411.3	411.9	411.3	411.3	411.3	411.3	412.4	412.4							
192	413.0	413.0	410.8	410.8	410.8	411.3	411.3	411.9							
216	411.9	411.9	411.3	411.3	411.3	411.3	411.3	412.4							
240	411.7	413.0	413.0	411.3	411.3	411.2	412.5	412.5							
264	411.9	411.5	411.2	411.2	412.3	412.0	411.3	412.8							
288	413.0	412.7	412.1	410.2	413.6	413.3	412.4	411.3							
312	413.0	413.0	412.6	412.6	412.8	411.9	412.7	412.7							
336	412.7	412.8	411.9	411.8	412.4	411.3	412.0	412.7							

DEPTH	2920.1			TILT			75			VOS			5960.20		
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21							
0	420.6	420.1	419.5	419.5	419.5	419.9	419.5	419.8							
24	420.6	418.5	420.1	421.7	417.3	419.2	419.5	419.5							
48	419.0	420.8	420.6	419.9	420.6	421.1	420.9	420.9							
72	419.8	420.6	420.6	420.6	420.6	420.6	420.1	421.2							
96	418.4	418.4	420.3	419.4	420.7	420.6	420.5	420.3							
120	420.1	419.0	419.0	420.5	420.4	419.5	420.6	420.6							
144	420.6	420.6	419.0	420.7	421.4	419.9	419.5	419.5							
168	419.5	419.3	420.6	421.2	419.3	419.5	419.0	418.4							
192	418.4	418.4	418.4	417.9	419.5	420.6	420.6	418.4							
216	420.6	421.2	421.2	420.6	420.6	420.6	417.9	417.9							
240	417.9	417.9	418.4	418.4	418.4	419.0	419.8	419.9							
264	420.1	418.9	419.7	420.1	420.1	420.1	420.1	419.0							
288	419.0	421.0	419.0	420.1	420.9	421.1	418.8	419.0							
312	419.0	419.0	419.0	151.3	420.1	420.1	418.4	420.1							
336	420.2	420.7	420.7	420.7	419.5	422.3	420.6	420.6							

DEPTH	2920.1			TILT			70			VOS			5960.20		
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21							
0	434.0	435.0	185.6	431.9	433.8	430.7	431.5	433.0							
24	432.8	430.4	433.2	433.2	430.0	430.0	430.4	430.4							
48	430.7	431.3	175.5	175.0	174.6	431.4	431.6	431.2							
72	437.9	436.7	437.1	436.2	436.0	432.7	431.0	431.6							
96	432.7	431.0	435.1	431.0	431.0	430.5	431.6	431.6							
120	431.0	432.8	431.6	431.6	431.0	431.2	432.1	431.6							
144	432.1	432.7	432.7	431.8	431.9	432.0	431.5	433.1							
168	432.6	431.8	431.6	431.6	431.8	430.0	430.0	430.0							
192	432.2	430.8	432.0	431.5	432.1	431.9	431.1	429.7							
216	431.0	431.0	431.0	431.0	432.1	432.1	430.5	432.7							
240	431.8	431.2	431.2	431.8	431.8	431.5	431.2	433.2							
264	433.2	431.8	430.6	431.0	431.6	431.6	146.0	145.2							
288	145.7	146.4	146.8	147.2	147.6	148.6	149.6	152.0							
312	145.9	144.2	144.7	144.9	146.5	147.2	147.2	147.0							
336	150.6	157.4	157.5	157.5	161.4	163.0	179.3	432.5							



CUSTOMER : Westlake US 2, LLC

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**WALL RANGES VS DEPTH**

DEPTH	2920.1			TILT			65			VOS			5960.20		
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21							
0	140.0	133.0	133.0	134.7	135.8	135.5	130.0	128.4							
24	127.4	127.4	128.1	129.7	128.1	127.3	124.3	125.1							
48	125.4	127.9	130.2	132.1	136.1	142.1	144.1	149.6							
72	151.0	157.1	159.2	161.4	168.8	171.1	175.1	174.1							
96	173.2	172.7	172.7	172.0	171.7	159.5	158.6	158.6							
120	158.3	154.4	150.6	151.1	151.2	150.9	151.7	155.9							
144	162.3	441.3	444.8	446.7	446.8	447.2	446.3	449.0							
168	448.9	447.3	447.2	450.7	449.5	446.1	446.0	449.3							
192	447.3	446.0	447.9	446.7	448.3	446.7	446.7	446.7							
216	446.7	446.0	444.7	439.9	431.1	430.1	428.2	425.8							
240	421.6	422.5	186.0	185.5	170.2	164.6	153.4	151.1							
264	150.9	150.2	149.9	146.1	139.2	141.8	131.6	130.9							
288	130.5	130.5	132.1	144.1	132.1	137.0	132.1	131.3							
312	128.1	127.4	127.4	129.2	131.3	132.1	131.2	130.2							
336	129.2	127.2	134.0	134.9	135.5	134.9	133.5	133.7							

DEPTH	2920.1			TILT			55			VOS			5960.20		
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21							
0	111.5	113.3	110.1	110.1	109.3	109.3	113.0	112.6							
24	111.3	110.8	110.8	110.3	110.7	110.7	111.7	110.4							
48	110.0	110.2	110.2	110.5	108.4	108.2	108.5	107.9							
72	107.9	107.9	107.1	107.5	109.6	111.3	110.7	109.8							
96	109.9	109.9	109.8	108.3	111.1	115.6	117.9	118.2							
120	117.4	118.1	116.2	116.2	115.6	115.6	116.8	117.5							
144	121.6	122.5	124.8	129.5	133.2	139.2	143.7	147.7							
168	148.8	150.5	150.1	149.5	149.8	149.8	149.0	145.9							
192	146.4	147.8	147.6	151.8	151.8	149.6	149.6	149.6							
216	147.7	148.1	150.4	151.2	152.6	154.1	153.3	151.8							
240	151.8	151.8	140.2	135.6	135.5	135.1	131.4	129.3							
264	123.0	119.8	118.2	112.5	109.1	107.1	107.1	107.1							
288	103.6	103.7	102.2	103.2	103.2	104.6	104.6	104.6							
312	104.6	104.6	106.9	106.6	104.4	104.4	106.4	106.6							
336	107.1	107.1	107.1	107.1	106.4	106.4	106.9	108.3							

DEPTH	2920.1			TILT			51			VOS			5960.20		
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21							
0	116.8	117.4	117.4	115.8	115.5	118.4	117.0	117.0							
24	116.4	116.6	115.4	114.6	115.2	115.0	112.5	111.7							
48	111.7	111.1	111.1	111.3	110.9	109.3	109.5	109.5							
72	109.3	109.9	109.9	110.3	110.3	110.1	111.3	111.9							
96	110.9	112.3	112.3	110.3	110.7	110.0	111.5	109.9							
120	110.1	110.1	107.9	108.1	107.9	107.3	107.3	109.7							
144	109.3	111.1	112.1	116.6	123.7	129.7	130.3	136.0							
168	135.3	135.4	138.5	138.3	138.5	135.3	135.3	136.2							
192	136.5	138.2	139.8	140.5	139.7	135.2	135.7	136.4							
216	137.2	138.2	140.6	143.2	147.2	145.9	140.4	138.9							
240	136.6	131.6	131.0	130.0	125.9	125.1	123.4	121.2							
264	116.5	113.5	109.8	108.1	107.1	104.8	109.3	107.1							
288	107.1	109.1	109.0	108.3	108.3	108.6	111.5	110.8							
312	111.8	111.8	113.0	110.5	110.7	110.5	112.7	114.1							
336	114.1	114.1	113.3	115.8	116.4	113.7	116.6	117.8							



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WALL RANGES VS DEPTH

DEPTH	2920.1			TILT			46			VOS			5960.20		
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21							
0	124.1	126.5	124.3	124.1	121.6	121.8	121.6	121.4							
24	119.2	117.4	115.2	116.6	115.2	115.0	115.0	114.3							
48	114.3	112.9	112.5	112.7	112.5	111.1	111.1	112.3							
72	112.3	112.3	112.5	113.9	113.9	112.5	112.5	112.9							
96	112.9	116.8	117.0	119.8	119.8	120.0	120.0	119.0							
120	116.4	116.4	116.4	117.0	115.7	114.7	114.7	113.1							
144	113.1	112.5	112.3	111.3	114.1	113.3	118.1	122.7							
168	123.0	122.9	124.4	124.9	124.9	123.6	123.0	123.4							
192	122.3	127.6	128.0	128.6	128.3	126.5	125.4	124.1							
216	126.7	128.6	128.6	129.3	131.8	131.8	131.7	126.1							
240	122.3	122.0	121.2	119.3	119.0	118.6	118.0	114.1							
264	113.5	113.5	113.5	114.2	113.5	114.7	117.8	114.6							
288	116.4	116.2	119.2	118.0	118.0	122.3	122.9	122.9							
312	122.9	122.6	123.9	120.9	122.6	123.7	123.7	122.0							
336	123.5	122.7	124.9	124.9	124.5	124.5	125.1	125.1							

DEPTH	2920.1			TILT			41			VOS			5960.20		
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21							
0	129.3	129.3	126.3	126.3	125.3	123.7	123.5	123.3							
24	121.8	123.1	119.6	117.6	117.8	123.1	117.4	116.4							
48	115.8	115.2	120.0	122.9	123.3	122.1	122.1	122.9							
72	116.8	122.4	123.1	118.4	118.6	120.0	120.0	118.4							
96	118.4	119.2	120.4	121.8	123.5	126.7	127.9	127.9							
120	130.0	127.1	126.7	126.5	127.7	127.7	126.1	126.1							
144	124.7	124.1	123.9	123.3	122.7	124.9	122.4	118.6							
168	123.1	122.4	118.2	118.2	118.2	116.0	116.0	115.8							
192	116.4	116.2	116.4	116.4	116.6	116.8	117.6	117.6							
216	117.8	117.8	118.6	119.8	123.3	123.0	123.3	122.9							
240	121.8	122.5	118.2	123.4	124.1	123.9	129.0	123.7							
264	126.3	124.3	124.3	125.9	125.9	125.9	129.6	127.7							
288	126.9	129.8	132.0	132.3	132.2	130.6	134.2	132.4							
312	132.7	134.2	135.2	135.0	133.5	132.5	131.3	131.3							
336	129.6	129.7	130.0	129.5	129.5	129.0	130.0	131.0							

DEPTH	2920.1			TILT			36			VOS			5960.20		
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21							
0	147.3	138.4	138.4	137.5	137.5	137.3	142.0	142.3							
24	141.3	141.6	131.8	134.6	130.3	133.0	131.0	133.0							
48	133.8	129.1	129.1	136.0	137.2	136.3	136.3	136.2							
72	136.2	135.0	136.6	136.6	135.5	138.9	134.0	134.7							
96	126.3	127.1	130.7	131.4	127.9	134.2	134.6	136.3							
120	136.6	136.6	140.1	140.5	142.5	145.2	144.0	143.6							
144	142.7	137.9	137.9	138.1	133.4	133.4	139.7	134.6							
168	131.0	133.4	131.4	135.0	129.5	129.5	132.2	130.8							
192	128.8	130.8	131.4	130.3	130.3	131.7	128.8	126.9							
216	132.6	130.9	131.4	131.8	131.0	137.3	138.7	139.0							
240	139.9	140.4	136.2	143.7	142.1	143.7	143.2	143.2							
264	140.5	143.6	144.6	144.6	147.2	144.0	144.8	144.8							
288	145.6	152.3	151.9	151.9	150.7	148.0	148.0	147.6							
312	142.5	148.7	150.6	149.4	148.5	147.9	148.2	148.2							
336	147.4	147.1	148.1	147.8	142.5	140.9	147.6	148.6							



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DEPTH	2920.1			TILT			31			VOS			5960.20		
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21							
0	172.0	171.6	171.2	171.2	171.2	169.2	168.0	169.2							
24	169.2	167.6	150.6	153.9	152.8	154.0	153.6	154.0							
48	155.2	151.4	153.3	153.3	155.8	155.4	155.4	155.4							
72	152.7	155.0	155.7	152.8	157.6	156.2	152.7	157.3							
96	157.0	157.0	150.8	151.0	160.0	146.9	149.9	159.6							
120	160.2	157.4	161.6	161.3	150.3	151.5	152.7	153.5							
144	155.9	155.6	161.1	162.6	155.0	146.9	153.9	151.8							
168	152.3	151.4	152.3	152.3	156.2	156.6	157.6	157.1							
192	156.1	155.7	156.6	154.2	154.2	153.7	156.6	157.4							
216	161.8	156.6	156.1	158.5	160.9	158.9	159.5	160.9							
240	165.2	165.8	165.2	172.1	167.0	172.0	166.8	168.3							
264	169.3	169.3	166.6	166.6	164.5	164.1	168.4	169.7							
288	169.7	168.5	169.7	168.8	179.0	180.2	180.2	166.4							
312	179.8	167.6	170.2	168.1	168.1	167.9	171.2	171.2							
336	171.2	171.2	173.1	173.1	163.2	172.0	171.6	172.7							

DEPTH	2920.1			TILT			26			VOS			5960.20		
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21							
0	168.4	171.2	170.4	167.8	167.5	165.8	166.0	165.9							
24	165.7	164.5	164.3	163.9	164.9	164.1	163.7	164.9							
48	168.8	169.7	170.4	170.8	172.2	174.3	176.3	178.6							
72	179.4	182.6	183.8	186.3	179.6	179.1	180.2	182.4							
96	185.1	180.6	188.7	187.8	192.1	184.9	184.9	194.0							
120	194.9	187.0	192.1	190.6	187.8	186.8	195.4	192.5							
144	192.5	189.2	194.9	198.8	184.0	179.1	194.5	194.9							
168	199.3	200.2	195.9	192.5	195.4	185.4	188.5	188.4							
192	192.8	186.8	189.0	189.7	190.4	190.4	188.9	193.2							
216	193.2	197.3	194.0	206.0	206.0	206.9	198.3	200.2							
240	191.2	192.8	203.1	205.5	199.3	194.9	195.4	194.0							
264	201.2	201.2	193.6	196.3	188.8	192.4	186.5	184.9							
288	181.1	178.5	177.2	177.7	175.8	176.5	175.0	176.3							
312	175.9	178.1	179.0	179.0	173.7	170.8	167.6	167.9							
336	167.1	170.2	171.9	174.1	174.2	168.1	168.1	169.6							

DEPTH	2920.1			TILT			21			VOS			5960.20		
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21							
0	161.7	161.3	162.9	161.8	160.6	159.0	160.6	160.6							
24	159.4	158.7	158.9	159.3	159.1	160.5	161.7	161.3							
48	164.7	165.0	171.2	170.8	173.9	173.9	173.1	173.9							
72	176.7	181.2	183.9	186.2	190.3	192.7	195.4	199.0							
96	201.0	205.3	208.7	212.6	212.1	218.2	220.0	220.0							
120	227.0	229.4	228.1	234.1	238.4	249.5	240.0	243.2							
144	250.6	243.6	243.6	252.6	231.0	230.0	251.5	255.4							
168	256.1	255.7	255.7	258.5	233.6	230.3	231.5	256.1							
192	256.5	256.5	258.5	228.2	228.9	228.2	251.0	250.2							
216	247.5	244.3	242.0	240.0	238.4	239.6	238.4	232.5							
240	233.3	231.4	230.4	226.6	221.1	220.0	216.8	214.1							
264	211.8	210.5	209.9	191.6	189.0	186.9	178.4	177.5							
288	174.7	174.3	174.7	173.1	171.6	170.0	171.9	174.4							
312	174.0	175.5	173.6	174.7	167.2	164.5	163.7	161.7							
336	162.1	165.0	165.1	168.5	166.0	161.7	162.5	160.2							



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DEPTH	2920.1			TILT 16			VOS 5960.20		
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21	
0	154.2	154.5	157.0	151.3	150.7	151.9	149.9	155.8	
24	151.9	152.7	153.1	155.8	155.4	157.4	159.8	158.6	
48	159.4	162.5	166.0	167.8	170.8	170.8	171.9	174.9	
72	173.9	177.1	183.4	184.5	188.5	188.9	190.4	194.4	
96	196.7	200.3	203.4	206.4	208.0	209.3	213.7	219.4	
120	225.0	226.0	231.7	235.3	245.9	246.9	241.0	244.9	
144	239.0	239.1	245.5	254.0	254.6	249.9	246.3	251.2	
168	252.6	254.4	256.5	258.9	257.0	256.5	257.7	254.8	
192	254.8	254.8	260.1	260.1	255.7	255.0	244.3	243.9	
216	237.7	231.0	230.6	227.4	236.9	239.9	232.5	232.1	
240	230.5	229.8	228.1	224.9	222.4	222.3	217.3	211.5	
264	208.2	195.6	187.9	181.2	182.1	173.1	172.4	170.0	
288	162.1	162.1	164.5	162.7	161.5	161.8	162.7	165.6	
312	166.1	163.3	160.5	159.5	151.9	156.2	154.4	155.2	
336	155.1	156.9	159.4	154.7	154.7	150.7	151.4	153.1	

DEPTH	2920.1			TILT 10			VOS 5960.20		
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21	
0	137.3	138.1	141.7	140.9	141.7	141.3	139.0	137.3	
24	139.7	145.2	147.6	150.8	153.7	159.4	159.4	158.6	
48	157.0	158.6	158.6	168.1	172.4	172.4	172.7	172.9	
72	178.8	180.2	180.2	184.3	185.3	189.7	189.7	189.3	
96	188.5	196.6	200.7	201.1	198.3	197.5	197.2	202.5	
120	200.7	198.3	213.3	219.2	215.2	219.6	216.4	224.5	
144	226.6	231.3	232.9	249.1	249.1	245.1	239.8	238.2	
168	238.7	248.3	248.3	249.8	246.0	245.9	244.8	238.3	
192	238.7	244.3	232.0	232.7	234.0	233.8	237.6	223.1	
216	227.2	223.9	224.1	225.5	229.8	229.8	234.5	230.0	
240	230.1	228.6	228.2	228.6	228.5	221.6	216.1	210.9	
264	198.6	182.9	172.5	162.7	162.8	158.3	155.4	152.3	
288	151.0	147.2	141.7	149.4	150.4	150.3	153.9	153.9	
312	154.7	153.1	153.1	143.2	138.7	142.8	135.5	136.2	
336	144.8	150.3	148.0	150.7	142.4	143.2	140.8	142.5	

DEPTH	2920.3			TILT 0			VOS 5960.20		
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21	
0	134.6	134.6	131.0	131.4	131.0	130.2	132.8	133.8	
24	131.6	132.1	138.6	140.7	150.4	155.8	155.0	156.2	
48	154.6	161.7	160.9	163.7	164.7	173.9	171.9	170.8	
72	171.1	174.7	175.9	175.2	178.9	184.9	184.7	183.5	
96	181.2	188.9	194.0	192.4	191.2	192.8	191.0	195.6	
120	192.8	199.1	198.6	197.6	198.2	202.9	210.5	214.4	
144	213.0	223.5	221.5	221.9	221.5	223.2	223.1	218.4	
168	223.5	219.2	223.1	225.9	225.9	219.5	222.9	220.7	
192	217.2	221.9	213.7	212.5	214.4	209.7	209.7	208.5	
216	213.7	216.9	221.5	225.9	229.8	232.5	234.1	230.2	
240	223.8	223.2	226.6	228.6	227.0	221.9	214.1	210.5	
264	201.9	187.8	176.3	171.5	160.8	152.5	151.1	142.9	
288	142.1	137.7	140.1	135.8	138.1	138.1	136.5	137.3	
312	137.3	136.5	135.0	136.6	133.4	131.0	131.0	131.0	
336	130.7	135.1	135.5	130.8	131.8	134.2	132.2	132.2	



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DEPTH	2930.1			TILT	0	VOS			5960.20
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21	
0	133.4	131.4	131.8	130.3	129.1	131.0	131.4	131.4	
24	129.9	131.0	136.8	136.9	150.7	155.7	155.0	155.0	
48	155.0	161.5	160.9	161.7	161.7	173.5	172.4	172.4	
72	170.0	171.2	171.6	174.8	173.1	181.7	184.5	184.4	
96	180.1	188.1	192.1	191.8	190.8	192.8	190.8	194.1	
120	190.8	194.4	191.2	191.6	189.3	196.3	193.0	205.4	
144	210.5	195.9	206.4	221.3	214.1	211.2	214.6	212.7	
168	216.8	215.6	220.0	220.0	221.5	220.7	225.1	214.1	
192	211.3	218.0	216.5	208.0	209.4	210.0	211.7	209.3	
216	214.9	218.9	222.3	231.9	233.7	233.4	235.7	233.3	
240	223.8	221.2	221.1	221.1	228.6	220.2	216.0	212.8	
264	208.0	192.0	179.9	172.0	162.2	153.8	153.9	153.9	
288	146.5	142.5	141.3	138.4	137.7	135.8	135.8	134.1	
312	132.2	132.2	126.9	130.3	130.7	130.7	131.4	131.0	
336	131.4	130.3	130.3	132.6	126.4	129.5	129.5	131.4	

DEPTH	2940.1			TILT	0	VOS			5960.20
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21	
0	125.1	125.1	121.7	126.0	121.7	122.6	127.1	129.1	
24	129.9	129.9	136.9	142.9	150.3	155.4	154.7	153.9	
48	153.9	161.3	161.7	164.5	164.3	172.4	171.2	173.1	
72	169.8	170.0	172.4	175.1	177.9	183.8	184.2	183.9	
96	179.0	187.3	190.8	192.0	190.1	190.1	189.3	192.4	
120	190.8	187.7	179.8	178.3	177.9	181.4	186.1	188.9	
144	189.3	189.3	190.8	204.2	203.8	213.3	208.2	208.2	
168	208.4	209.8	209.3	209.3	207.0	212.9	209.8	207.4	
192	204.2	205.0	201.9	203.6	202.6	204.6	206.6	210.1	
216	216.2	221.0	224.7	230.2	236.1	236.1	236.1	233.3	
240	220.7	220.7	218.8	215.5	220.3	218.4	215.6	215.5	
264	204.1	196.3	184.8	178.3	164.9	162.1	159.4	159.4	
288	153.2	152.8	146.4	141.8	139.7	135.0	128.3	125.9	
312	126.0	123.6	123.2	124.0	119.6	119.6	120.0	122.4	
336	125.9	125.5	128.7	122.4	120.8	123.2	126.7	126.7	

DEPTH	2949.9			TILT	0	VOS			5961.30
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21	
0	119.2	117.6	111.3	122.3	116.4	116.4	121.1	122.3	
24	129.1	131.3	137.5	143.6	153.3	153.9	153.6	153.3	
48	154.8	161.0	162.2	164.6	165.2	171.0	171.0	171.0	
72	169.4	170.0	170.3	175.5	175.5	181.9	183.9	183.4	
96	181.3	183.8	190.1	190.9	189.7	188.9	186.6	188.9	
120	187.7	179.5	177.8	177.8	178.1	180.0	182.7	177.8	
144	188.1	181.9	179.0	183.8	195.5	202.5	196.7	184.2	
168	203.5	203.8	199.3	198.4	197.9	197.2	190.9	197.3	
192	190.0	194.8	195.2	196.1	201.9	201.9	208.5	213.2	
216	217.0	222.8	226.0	232.0	238.6	238.9	235.7	228.1	
240	220.2	221.6	219.0	217.9	211.7	208.9	209.3	208.7	
264	200.3	198.0	194.3	181.2	173.9	169.1	164.9	165.8	
288	165.4	161.4	153.5	147.4	146.0	143.6	135.9	136.1	
312	130.9	130.4	125.6	127.9	124.6	126.7	125.3	124.3	
336	124.3	125.3	127.8	124.3	122.7	122.4	122.1	121.4	



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DEPTH	2960.1			TILT	0	VOS			5961.30
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21	
0	121.1	118.5	118.5	116.9	115.6	115.6	116.0	119.2	
24	123.9	128.4	139.8	143.3	151.4	152.3	153.3	153.0	
48	155.0	161.3	161.6	164.0	165.8	169.4	170.7	168.1	
72	167.4	169.1	170.0	172.6	175.8	181.6	183.5	183.5	
96	182.6	183.9	188.4	183.5	183.0	183.4	183.4	186.8	
120	180.0	172.6	174.9	174.5	176.1	179.7	179.9	173.2	
144	164.6	169.7	170.7	171.3	187.0	186.9	184.7	178.7	
168	187.4	191.3	189.7	188.1	196.1	190.3	190.9	190.9	
192	191.3	195.1	195.8	197.4	201.2	203.7	211.0	214.1	
216	218.3	223.1	228.0	233.1	238.3	238.9	238.6	237.9	
240	226.0	222.2	218.3	216.3	211.9	211.1	210.7	209.3	
264	198.7	199.0	199.6	188.7	183.0	173.4	170.7	170.5	
288	172.3	166.5	163.5	159.7	153.3	153.8	147.9	143.1	
312	140.7	139.2	136.8	132.6	132.6	132.2	129.8	129.5	
336	129.5	129.4	127.2	127.6	123.7	123.3	123.7	121.7	

DEPTH	2970.2			TILT	0	VOS			5961.30
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21	
0	126.9	127.0	121.6	120.3	120.3	120.8	121.4	124.6	
24	122.8	126.1	133.6	144.9	150.0	151.9	152.6	152.6	
48	154.8	160.4	164.2	163.9	163.8	167.0	167.2	168.2	
72	167.1	166.8	170.3	172.9	173.3	179.9	181.6	182.9	
96	182.6	183.9	185.5	181.9	181.6	181.6	178.4	183.5	
120	178.7	173.2	173.9	176.5	176.5	173.6	174.5	164.6	
144	163.3	161.5	167.7	171.0	181.9	182.4	179.0	174.5	
168	186.2	188.1	187.5	188.5	194.2	187.4	190.4	191.3	
192	193.8	192.9	193.8	198.4	202.2	204.5	211.3	216.1	
216	219.6	222.5	227.0	238.3	238.6	239.2	239.6	240.3	
240	230.5	222.4	219.2	217.3	213.2	214.4	214.4	210.3	
264	205.8	199.3	200.0	199.9	185.8	179.2	175.5	176.8	
288	175.8	176.7	170.0	165.2	163.7	160.3	154.4	153.9	
312	148.0	147.4	141.4	139.9	136.4	136.3	135.0	133.3	
336	133.3	132.0	131.9	132.0	130.7	126.2	128.2	125.0	

DEPTH	2980.1			TILT	0	VOS			5961.30
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21	
0	134.2	134.0	132.4	129.6	129.6	129.1	129.2	128.6	
24	128.1	131.4	135.4	141.2	147.5	152.5	153.4	152.6	
48	152.3	159.4	164.9	162.6	162.0	165.8	168.7	169.4	
72	165.8	165.8	167.4	171.0	173.4	178.5	181.9	182.6	
96	183.2	183.2	183.2	181.9	181.9	177.4	177.4	179.4	
120	178.1	173.5	175.5	179.0	179.4	174.2	174.2	168.1	
144	163.9	159.6	165.6	171.4	177.1	179.4	179.4	175.7	
168	190.3	180.3	185.8	183.2	191.3	186.1	188.7	190.1	
192	192.2	191.3	194.5	197.0	202.5	210.6	210.6	217.3	
216	219.9	226.4	229.5	236.0	240.2	242.5	240.5	240.5	
240	232.8	221.8	219.6	217.7	215.7	215.7	215.4	211.6	
264	206.7	201.2	201.2	201.2	185.5	183.8	180.7	180.7	
288	181.6	181.7	177.5	174.5	171.5	167.8	162.6	159.1	
312	157.3	153.7	152.4	149.7	144.9	143.4	142.0	140.7	
336	141.1	140.4	138.8	137.5	138.4	136.9	135.9	134.1	



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WALL RANGES VS DEPTH

DEPTH	2990.0		TILT	0		VOS	5961.30	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	143.3	142.7	142.7	138.2	135.6	139.5	138.3	138.5
24	138.8	141.3	143.6	147.5	149.9	151.8	153.0	153.0
48	152.1	154.8	164.8	162.3	162.0	162.4	169.4	169.4
72	166.2	166.2	166.5	168.3	172.5	176.6	181.4	182.6
96	183.2	184.8	184.2	181.3	179.4	177.1	176.5	175.2
120	175.2	176.5	176.1	177.4	175.2	170.3	170.7	169.4
144	164.6	162.0	163.0	169.0	177.4	179.0	178.7	174.9
168	187.7	180.3	184.2	182.9	187.1	182.9	187.4	187.7
192	191.9	188.9	193.2	196.6	203.5	209.9	215.1	221.5
216	221.5	226.4	232.5	238.3	241.8	244.4	239.2	235.7
240	230.2	224.4	219.4	218.6	218.9	216.7	217.0	217.0
264	212.4	205.4	202.2	172.8	169.4	185.4	151.2	183.5
288	184.8	185.2	182.3	181.6	176.8	172.9	172.5	168.1
312	169.7	165.6	159.9	158.6	158.2	149.7	149.7	149.7
336	149.7	146.2	143.6	142.7	143.8	143.7	146.1	145.2

DEPTH	2994.9		TILT	0		VOS	5961.30	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	146.5	147.2	147.2	145.7	141.7	141.9	140.7	140.7
24	146.4	145.0	145.5	147.2	151.7	153.0	153.0	152.0
48	153.8	153.3	164.6	161.3	160.0	167.2	168.2	169.7
72	166.5	166.5	166.8	170.3	172.6	176.1	180.3	181.5
96	182.6	184.5	184.5	181.0	179.4	177.1	176.5	174.2
120	174.3	174.3	174.2	177.8	176.5	170.7	168.3	167.5
144	163.0	162.0	163.3	170.1	176.8	178.7	178.7	172.9
168	187.0	179.9	185.5	183.5	186.1	183.5	187.7	187.4
192	186.2	187.7	193.6	197.1	204.8	209.3	215.1	218.3
216	222.8	226.7	230.5	238.9	239.2	242.5	239.9	235.2
240	230.9	225.7	219.3	219.1	219.1	217.3	216.4	216.7
264	212.4	209.8	176.1	170.6	162.8	149.1	149.1	188.3
288	186.8	187.7	183.5	182.9	182.0	174.4	176.9	172.2
312	170.8	169.9	165.4	162.3	164.1	157.1	153.9	155.5
336	154.5	152.7	152.5	152.0	152.5	151.9	151.3	150.1

DEPTH	3000.0		TILT	0		VOS	5962.40	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	150.1	154.8	152.8	149.2	147.8	148.2	148.9	147.0
24	147.0	146.2	148.2	148.2	152.3	153.3	153.0	152.7
48	155.2	156.0	163.9	161.4	167.5	170.1	168.8	169.7
72	167.8	166.2	167.0	170.5	174.1	176.8	180.7	182.0
96	182.7	184.2	184.9	182.9	180.0	178.4	177.8	174.6
120	172.6	172.6	173.6	175.5	175.9	170.7	166.4	166.5
144	162.7	159.8	163.3	170.5	175.9	177.2	179.3	172.6
168	180.7	181.1	185.0	182.5	184.5	182.9	181.1	182.9
192	186.8	188.7	193.9	197.7	204.5	208.5	215.1	221.2
216	224.3	227.4	233.2	238.6	240.4	243.5	243.5	235.4
240	232.8	226.6	221.9	220.0	219.3	219.5	217.1	217.1
264	214.0	214.3	170.0	157.6	160.7	145.8	143.1	193.3
288	188.7	188.1	188.1	184.2	186.5	181.8	180.7	176.8
312	173.7	174.9	173.3	168.8	168.2	163.0	160.7	161.4
336	159.4	159.4	158.6	156.4	156.4	156.6	156.3	154.6



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**WALL RANGES VS DEPTH**

DEPTH	3005.4			TILT	0	VOS			5962.40
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21	
0	157.6	158.4	158.6	153.6	152.5	152.1	152.5	155.6	
24	155.2	152.9	154.5	153.7	152.1	152.7	152.7	152.7	
48	154.3	162.3	163.0	163.7	168.9	171.3	172.4	170.2	
72	171.3	171.9	175.6	175.7	176.8	178.4	180.7	183.6	
96	183.6	184.9	184.8	182.9	181.6	180.0	177.8	178.9	
120	172.0	172.0	174.2	176.8	176.2	171.3	166.8	163.6	
144	163.0	158.8	163.3	169.4	174.9	175.2	179.1	171.1	
168	180.7	180.7	182.3	180.5	182.8	183.6	181.9	184.5	
192	188.6	191.0	195.2	201.3	205.2	210.9	212.0	221.2	
216	225.9	228.8	234.9	239.9	242.5	242.5	245.4	236.7	
240	236.4	227.7	223.2	219.6	219.3	221.6	217.4	220.9	
264	219.1	173.2	165.4	160.9	159.2	142.9	138.1	133.4	
288	192.3	191.1	192.1	190.1	189.6	185.4	183.5	183.9	
312	181.5	179.1	177.8	176.1	172.6	169.1	169.5	165.2	
336	167.8	163.9	163.9	162.3	160.7	161.7	161.7	159.4	

DEPTH	3010.1			TILT	0	VOS			5962.40
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21	
0	161.8	159.8	163.3	158.0	158.2	157.6	158.1	160.7	
24	160.7	158.8	157.2	156.9	154.3	154.3	154.0	153.3	
48	155.0	166.8	163.9	169.1	170.4	171.0	175.2	173.9	
72	173.9	175.2	177.8	178.7	179.5	180.0	183.9	184.5	
96	185.7	185.8	184.9	183.9	184.6	184.6	184.4	184.9	
120	178.6	174.2	176.2	176.8	176.6	175.2	166.9	162.0	
144	164.0	159.3	163.1	166.2	173.8	173.9	176.8	170.0	
168	173.5	181.3	181.4	179.7	182.8	182.5	183.3	186.3	
192	188.5	192.3	196.8	202.2	205.5	211.7	212.0	223.2	
216	227.7	228.3	240.6	239.6	244.4	243.8	245.4	236.1	
240	237.0	228.4	225.9	222.5	222.4	222.9	221.4	220.7	
264	223.9	168.9	162.5	160.9	154.9	136.2	136.6	131.1	
288	125.4	125.7	124.4	194.2	191.3	190.9	188.9	187.8	
312	185.9	182.4	181.6	179.6	176.4	173.0	174.1	170.8	
336	169.7	169.8	169.2	167.4	166.2	166.2	166.5	163.3	

DEPTH	3015.0			TILT	0	VOS			5962.40
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21	
0	164.6	164.6	165.9	162.7	162.7	162.7	160.7	165.0	
24	165.4	165.2	167.4	159.4	156.9	169.0	154.6	154.9	
48	157.4	165.6	164.9	171.0	172.6	171.7	178.4	177.4	
72	175.9	176.2	177.5	185.0	181.0	185.6	181.6	185.8	
96	187.1	186.8	186.5	183.3	195.2	194.8	195.6	195.2	
120	190.9	189.0	191.1	202.1	178.4	177.8	167.0	162.3	
144	163.9	160.3	164.0	165.3	171.9	172.6	177.2	170.1	
168	172.0	181.0	180.4	180.3	182.3	183.3	185.2	185.5	
192	187.4	195.8	198.9	203.4	206.8	210.6	212.3	223.7	
216	227.4	227.0	240.4	239.3	241.9	244.9	245.1	244.4	
240	237.6	229.2	229.9	225.1	222.9	223.8	223.5	221.9	
264	165.4	164.2	159.5	137.2	130.2	131.0	135.9	126.9	
288	123.0	124.3	119.3	200.1	197.6	195.1	192.8	191.5	
312	188.4	185.8	185.8	183.3	180.3	181.1	178.8	173.6	
336	174.6	172.2	173.2	169.4	168.8	171.5	171.6	164.6	



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**WALL RANGES VS DEPTH**

DEPTH	3020.0								TILT	0	VOS	5962.40
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21				
0	169.7	165.8	168.6	167.2	165.4	165.3	167.5	169.4				
24	170.1	171.7	170.9	172.3	169.7	170.9	155.9	156.2				
48	160.1	164.3	173.0	173.0	175.6	177.1	179.5	179.0				
72	176.8	178.7	185.4	192.9	194.8	195.6	185.4	189.8				
96	190.5	198.8	203.1	209.7	209.3	201.6	198.4	207.8				
120	217.6	216.8	215.6	238.4	209.7	201.9	202.7	174.0				
144	163.5	164.3	169.4	169.4	172.6	172.5	175.7	171.7				
168	172.5	180.3	181.5	179.8	183.6	183.9	186.5	188.7				
192	191.0	195.8	202.6	204.9	207.7	210.3	214.5	223.8				
216	227.0	229.3	240.2	240.2	242.2	248.0	244.1	246.8				
240	236.4	229.9	229.2	223.1	224.8	224.1	204.3	224.7				
264	162.0	158.0	136.9	136.2	116.8	127.6	132.6	119.6				
288	115.6	115.6	113.0	106.6	105.3	105.7	101.2	195.9				
312	193.0	189.4	188.9	186.8	183.4	183.7	183.3	178.4				
336	177.6	174.6	177.1	175.5	172.6	172.3	172.6	172.6				

DEPTH	3024.9								TILT	0	VOS	5962.40
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21				
0	174.8	173.7	171.3	171.7	168.2	167.8	169.1	177.2				
24	179.5	177.8	173.6	176.0	177.6	174.1	168.6	164.3				
48	160.4	160.1	172.6	172.6	180.7	178.7	179.1	179.2				
72	179.2	182.0	190.3	192.3	193.3	195.2	195.8	196.5				
96	196.5	199.0	202.7	208.0	209.0	209.0	201.6	211.3				
120	219.7	219.1	222.5	238.0	238.3	219.3	207.1	207.0				
144	163.9	164.9	171.8	172.8	173.0	172.6	176.5	171.5				
168	174.3	177.3	182.6	182.6	185.8	186.2	188.4	189.1				
192	195.2	195.2	205.2	206.6	209.9	211.6	219.5	224.1				
216	229.0	231.2	239.9	241.9	241.9	249.5	246.4	247.6				
240	239.3	232.0	226.6	223.5	225.1	224.8	185.5	183.1				
264	156.8	145.6	135.6	136.0	113.3	111.8	119.8	115.6				
288	107.5	101.5	101.5	102.5	102.4	98.6	98.3	94.5				
312	91.0	91.2	90.8	84.7	83.4	79.9	78.6	180.7				
336	180.4	181.3	181.3	181.6	179.7	177.6	177.6	175.2				

DEPTH	3030.2								TILT	0	VOS	5962.40
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21				
0	76.0	76.4	72.5	69.9	69.6	65.5	181.2	184.9				
24	182.3	181.5	195.5	184.2	189.0	185.6	174.1	167.8				
48	160.7	171.7	172.3	178.7	182.0	185.4	186.2	195.2				
72	197.8	196.9	199.3	209.0	194.8	194.8	194.5	194.5				
96	197.1	199.7	242.7	243.8	212.9	214.1	208.4	215.8				
120	221.9	222.5	228.6	238.0	238.4	219.3	218.4	208.2				
144	218.0	256.8	173.6	173.3	173.3	172.7	173.3	173.3				
168	174.9	178.7	183.3	185.8	185.8	189.4	189.4	194.3				
192	197.1	201.3	204.5	209.0	210.9	216.1	218.4	225.8				
216	228.5	233.0	239.6	242.2	244.4	249.6	248.6	248.8				
240	249.7	235.2	234.8	230.5	225.4	225.4	185.5	183.1				
264	153.7	145.6	134.5	108.2	108.6	110.6	109.2	97.0				
288	97.2	98.9	97.4	97.6	91.3	94.5	94.2	90.2				
312	81.7	81.7	83.8	74.1	74.8	73.8	71.2	73.1				
336	73.8	74.4	70.4	72.2	70.9	78.6	181.9	183.1				



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WALL RANGES VS DEPTH

DEPTH	3034.9			TILT			-2			VOS			5962.40		
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21							
0	73.8	68.9	67.3	66.4	63.2	56.3	53.9	194.5							
24	70.4	195.6	198.7	195.2	203.2	203.6	198.7	201.8							
48	203.9	204.2	204.0	205.4	210.9	210.8	213.0	214.2							
72	218.0	224.3	228.6	228.6	230.4	231.0	236.5	238.1							
96	239.3	245.4	249.1	254.9	255.4	259.7	272.0	276.1							
120	281.0	287.1	293.4	295.9	307.2	314.1	313.3	313.3							
144	303.3	303.3	299.5	295.1	290.9	290.0	289.6	290.4							
168	292.6	295.1	297.5	299.0	301.6	301.0	303.4	303.0							
192	309.4	314.1	313.7	311.1	307.7	303.4	301.7	297.3							
216	294.4	294.4	292.0	259.9	265.8	273.6	286.5	281.8							
240	279.4	277.4	270.7	270.2	275.5	269.0	258.0	181.8							
264	155.8	138.5	128.7	105.4	107.4	97.3	106.4	88.1							
288	80.5	79.1	80.7	87.5	89.4	90.1	85.0	64.5							
312	78.2	76.3	64.9	65.3	66.1	68.0	65.0	61.8							
336	67.1	69.5	66.1	66.6	61.1	57.5	72.8	72.0							

DEPTH	3034.9			TILT			-3			VOS			5962.40		
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21							
0	187.8	68.1	66.6	64.7	62.8	56.6	54.0	196.9							
24	70.4	197.2	198.3	201.9	206.2	206.9	200.8	202.5							
48	210.8	208.4	207.8	209.4	212.5	213.2	218.4	218.8							
72	222.4	225.1	228.8	231.1	231.9	236.7	239.6	244.4							
96	248.2	248.2	253.5	262.6	263.3	268.8	277.4	280.6							
120	284.0	288.8	294.4	297.9	306.6	313.2	314.2	313.8							
144	303.6	303.6	301.1	294.9	290.8	290.0	290.8	291.3							
168	292.2	294.7	297.3	298.3	300.6	301.8	302.6	303.0							
192	309.3	316.2	318.2	314.3	308.6	303.8	301.8	298.1							
216	295.5	296.6	296.6	268.8	218.0	288.4	216.0	282.9							
240	286.2	282.7	271.2	277.4	275.5	269.2	259.2	179.7							
264	153.9	133.9	128.4	103.5	107.4	97.0	101.1	89.1							
288	79.5	79.1	81.1	84.6	88.7	82.9	83.4	64.5							
312	77.9	78.6	64.7	65.7	66.4	69.0	64.9	61.8							
336	66.5	68.5	66.8	66.9	59.8	54.7	72.4	185.4							

DEPTH	3034.9			TILT			-4			VOS			5962.40		
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21							
0	187.3	67.0	65.9	64.7	63.0	56.1	53.1	70.0							
24	70.8	76.2	200.8	201.9	208.4	70.4	64.9	204.6							
48	210.8	208.4	209.7	209.4	212.9	213.7	218.4	220.9							
72	224.9	229.7	230.1	233.7	234.2	240.5	247.1	252.2							
96	254.3	254.8	261.7	267.6	271.2	274.9	280.1	282.3							
120	286.4	294.9	294.9	302.0	308.9	313.2	314.1	312.5							
144	304.2	303.6	300.6	294.4	290.4	290.7	291.1	291.7							
168	292.0	294.7	299.5	299.9	300.6	302.0	302.6	303.4							
192	308.2	319.9	320.7	320.7	317.2	303.0	303.4	300.8							
216	302.7	304.2	206.6	208.0	216.8	197.5	206.1	207.6							
240	212.1	225.1	227.5	223.1	275.9	228.5	241.4	175.4							
264	150.6	132.4	102.7	103.9	107.4	95.8	87.7	89.6							
288	79.9	79.5	82.2	85.1	87.6	81.0	82.4	65.1							
312	77.1	78.6	65.1	65.7	66.3	70.3	64.8	62.1							
336	67.5	66.6	66.6	67.4	58.0	54.3	184.0	72.4							



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**WALL RANGES VS DEPTH**

DEPTH	3034.9			TILT			-5			VOS			5962.40		
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21							
0	72.0	66.0	65.1	65.3	62.3	55.3	53.5	60.7							
24	200.3	72.8	77.9	77.5	73.6	68.9	64.9	77.9							
48	212.9	212.3	210.8	213.7	216.4	76.7	219.0	222.8							
72	227.1	239.8	233.4	233.4	239.3	249.2	252.6	253.6							
96	259.7	262.1	268.4	270.3	273.5	278.4	278.4	283.7							
120	286.9	295.9	295.7	307.6	309.7	312.8	311.7	311.3							
144	308.1	301.8	300.6	295.3	291.8	291.4	291.4	292.5							
168	293.6	297.0	299.1	299.7	299.5	301.0	302.6	303.8							
192	309.3	320.6	320.3	324.3	324.3	320.5	311.3	302.8							
216	309.3	312.5	205.9	204.2	210.3	188.0	197.0	205.5							
240	206.4	209.5	215.6	213.3	211.3	208.4	201.7	173.5							
264	150.0	131.4	102.7	103.1	108.3	96.0	87.7	89.6							
288	78.6	78.6	80.7	85.2	85.8	80.2	81.5	65.9							
312	77.4	77.6	64.5	65.3	65.7	69.6	64.7	62.0							
336	67.6	66.1	65.6	67.5	57.8	54.2	70.9	185.4							

DEPTH	3034.9			TILT			-6			VOS			5962.40		
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21							
0	72.8	65.5	61.8	64.7	62.2	54.3	53.3	53.7							
24	202.7	72.8	75.4	75.4	71.6	67.3	64.9	66.2							
48	69.7	66.1	213.8	75.2	76.7	219.4	221.7	223.5							
72	239.7	243.2	245.8	245.9	246.8	252.6	253.8	256.6							
96	262.5	263.7	268.4	272.2	276.5	281.8	282.5	285.6							
120	289.8	295.9	299.5	308.8	310.1	314.0	311.7	312.5							
144	308.8	308.1	300.6	296.1	292.8	292.5	294.3	297.1							
168	299.1	308.1	299.9	306.2	307.6	309.5	302.6	304.2							
192	321.0	321.4	321.4	324.9	324.7	321.5	317.7	310.6							
216	311.4	208.2	205.8	202.7	196.0	181.6	192.4	203.1							
240	200.6	206.2	210.1	211.9	207.1	200.2	186.2	171.3							
264	150.1	131.3	102.7	107.0	107.8	95.4	87.8	85.5							
288	78.6	79.3	81.2	84.8	83.4	78.7	75.5	66.8							
312	76.7	74.7	64.5	65.7	65.7	68.9	64.3	61.4							
336	66.9	66.1	63.1	67.6	57.3	53.7	70.4	72.0							

DEPTH	3034.9			TILT			-9			VOS			5962.40		
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21							
0	69.7	63.7	57.8	62.6	60.7	51.9	50.4	51.9							
24	70.9	70.8	68.0	68.5	66.4	68.4	65.2	63.1							
48	71.6	66.5	65.9	75.7	76.7	75.2	230.5	233.8							
72	237.7	242.8	250.3	250.3	253.7	254.1	257.6	262.5							
96	266.6	270.0	272.7	281.0	281.9	286.0	290.4	292.2							
120	294.9	298.7	306.2	309.7	310.9	317.0	314.7	314.6							
144	310.8	309.3	308.1	306.6	306.6	304.6	301.8	301.9							
168	303.8	311.1	309.1	308.8	310.8	315.2	314.4	318.0							
192	324.3	324.1	324.3	324.3	323.6	304.6	321.1	213.7							
216	195.6	188.5	189.3	178.5	174.6	174.6	183.3	180.2							
240	186.2	192.1	191.2	196.0	182.5	191.2	187.3	173.4							
264	150.7	126.1	104.3	109.0	109.2	95.4	87.9	77.1							
288	77.1	80.0	81.1	81.8	78.5	80.0	59.8	67.1							
312	72.8	65.6	65.6	65.5	67.1	66.6	62.8	62.3							
336	65.6	65.2	54.6	68.4	55.8	53.5	70.1	68.9							



CUSTOMER : Westlake US 2, LLC
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WALL RANGES VS DEPTH

DEPTH	3034.9			TILT			-12			VOS			5962.40		
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21							
0	68.3	64.2	57.6	61.3	58.0	52.2	50.5	49.8							
24	71.3	70.4	63.9	64.3	61.8	68.5	66.1	59.9							
48	76.5	65.7	67.0	75.2	78.1	75.3	232.2	237.3							
72	243.8	245.1	250.4	250.6	255.9	261.7	261.3	263.1							
96	265.1	267.0	269.1	276.2	276.9	282.9	284.7	291.0							
120	296.6	300.7	305.8	307.7	305.5	302.6	305.4	306.9							
144	304.7	311.7	310.5	308.1	308.9	305.0	305.8	306.2							
168	309.3	311.3	310.9	300.4	300.5	315.6	315.2	315.2							
192	315.3	302.2	252.5	274.3	281.1	240.1	213.7	184.6							
216	185.3	184.6	181.2	173.6	175.9	177.1	174.4	171.1							
240	171.5	170.8	172.8	171.2	166.3	164.8	169.8	176.6							
264	151.5	123.6	106.7	110.7	109.8	95.8	88.9	76.7							
288	78.3	81.5	81.9	79.1	77.6	79.2	62.6	67.4							
312	66.1	64.5	64.7	66.1	66.1	56.7	58.6	63.7							
336	65.6	60.4	55.1	67.1	54.1	53.4	53.8	53.7							

DEPTH	3034.9			TILT			-15			VOS			5962.40		
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21							
0	66.1	63.6	57.0	59.1	57.7	52.2	50.5	49.2							
24	71.6	68.3	61.6	60.2	57.9	69.2	66.4	58.9							
48	76.6	67.4	66.7	71.3	79.3	75.2	85.4	224.9							
72	223.3	187.8	194.0	185.6	178.5	234.2	246.7	251.1							
96	247.6	263.2	257.7	259.8	266.5	272.0	277.7	277.9							
120	280.5	285.4	281.1	276.2	280.4	290.5	292.2	294.6							
144	293.9	296.4	300.9	306.4	302.6	298.1	295.2	293.5							
168	291.9	290.5	287.8	285.0	286.0	292.6	275.0	252.1							
192	237.9	232.0	230.0	219.2	191.6	185.3	184.0	184.7							
216	182.9	178.8	169.4	167.4	169.5	165.6	156.7	154.9							
240	159.1	147.1	146.8	149.7	151.1	152.5	153.7	165.3							
264	154.4	122.1	107.5	108.5	84.4	86.4	81.3	77.0							
288	79.2	81.7	78.7	79.6	77.1	79.2	63.5	67.1							
312	62.2	64.0	65.0	65.0	65.1	56.4	58.7	65.0							
336	65.8	56.0	55.1	67.6	54.8	53.3	53.6	53.6							

DEPTH	3034.9			TILT			-18			VOS			5962.40		
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21							
0	66.0	64.0	55.7	57.1	57.1	55.7	51.2	49.6							
24	68.2	66.1	62.2	61.5	57.4	68.8	67.1	59.5							
48	79.2	67.8	65.1	65.6	77.3	75.8	86.6	200.2							
72	195.4	164.2	151.5	153.2	152.4	165.9	182.9	188.5							
96	172.9	184.7	186.9	231.2	237.5	244.1	242.8	247.6							
120	249.2	268.6	266.5	268.7	266.8	273.7	275.8	284.3							
144	281.5	286.0	288.1	285.6	290.1	283.8	284.6	282.1							
168	274.9	272.9	272.2	278.4	275.8	249.7	235.8	227.5							
192	229.3	224.9	204.7	190.9	178.1	179.8	178.6	173.7							
216	174.3	163.2	162.9	162.9	164.1	152.2	154.6	153.9							
240	146.3	143.6	140.8	142.0	140.4	144.5	149.0	157.1							
264	157.3	110.0	109.6	99.9	85.4	86.1	76.1	76.8							
288	79.2	80.1	77.5	76.1	69.7	61.2	64.1	67.2							
312	60.9	64.3	64.7	65.4	64.8	56.0	58.1	65.6							
336	65.6	52.9	55.0	67.7	55.0	52.9	53.6	53.5							



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WALL RANGES VS DEPTH

DEPTH	3034.9			TILT			-21			VOS			5962.40		
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21							
0	64.8	64.2	57.1	58.5	57.8	56.0	51.0	49.2							
24	60.7	64.4	63.5	61.7	57.1	64.2	67.0	60.8							
48	78.4	69.1	65.6	65.0	76.3	77.0	87.6	87.6							
72	136.8	138.6	148.7	149.7	144.6	146.4	146.7	151.4							
96	157.5	161.2	179.8	182.0	195.4	213.0	212.9	212.3							
120	243.9	235.6	237.3	255.9	259.7	258.4	258.8	251.6							
144	254.0	264.3	262.8	268.6	268.0	269.0	259.1	262.1							
168	265.9	265.6	256.1	261.2	242.1	240.7	221.4	221.8							
192	210.2	210.2	193.8	187.8	172.0	169.2	159.4	163.4							
216	163.1	158.3	158.6	157.4	147.7	150.8	149.7	149.7							
240	146.1	136.6	134.2	131.2	129.9	135.6	142.5	144.3							
264	149.1	105.0	102.6	100.2	88.0	87.1	77.8	77.2							
288	81.8	78.9	77.3	77.2	63.8	62.5	65.4	66.5							
312	58.8	64.8	65.2	65.3	64.4	57.2	58.0	64.8							
336	61.2	53.3	55.7	67.2	57.3	53.5	53.4	53.7							

DEPTH	3034.9			TILT			-24			VOS			5962.40		
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21							
0	64.5	64.5	58.1	58.4	58.4	56.6	52.1	50.1							
24	54.0	64.4	63.5	63.9	57.9	65.0	69.2	61.8							
48	79.3	71.5	66.6	66.8	79.0	79.0	90.2	90.5							
72	132.3	137.6	150.8	152.9	150.3	146.1	146.4	147.2							
96	152.9	156.5	158.3	173.8	172.3	182.2	195.5	196.3							
120	209.9	214.9	219.6	222.1	223.0	230.0	239.4	242.4							
144	237.7	242.5	246.9	229.6	227.2	227.5	229.3	230.8							
168	231.2	230.8	238.5	223.3	230.5	220.7	208.3	190.6							
192	196.2	189.0	177.4	170.5	153.3	152.0	155.3	156.2							
216	154.7	155.0	150.8	147.9	136.7	138.1	138.6	136.7							
240	136.3	124.2	123.8	123.7	123.8	123.4	127.4	135.8							
264	146.4	100.5	97.2	90.3	89.8	86.9	79.6	80.2							
288	82.3	77.5	76.3	77.5	64.2	64.0	67.1	68.3							
312	59.5	64.1	65.2	65.0	58.9	56.9	57.2	63.0							
336	56.9	53.1	56.1	66.8	58.1	54.6	54.9	53.7							

DEPTH	3034.9			TILT			-27			VOS			5962.40		
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21							
0	64.2	65.5	58.8	57.5	57.5	57.5	52.5	51.3							
24	51.3	64.9	64.2	64.6	58.1	66.8	71.8	62.9							
48	73.7	72.1	68.0	68.6	81.4	81.4	93.3	98.0							
72	127.0	138.7	139.2	140.4	142.5	146.1	146.1	143.4							
96	148.7	153.9	156.2	169.9	170.8	172.0	177.8	183.6							
120	199.0	201.0	208.1	212.3	207.9	208.5	216.8	219.7							
144	218.2	217.0	220.6	223.3	221.5	222.2	225.1	220.4							
168	213.8	200.4	200.4	202.1	200.3	192.6	186.6	173.5							
192	165.9	148.2	144.6	138.9	143.1	142.5	147.7	147.7							
216	140.7	131.2	117.2	104.0	103.1	101.4	94.2	90.6							
240	90.9	117.5	120.1	116.2	113.6	115.1	116.5	119.4							
264	129.7	96.3	91.2	91.2	90.0	85.6	81.1	82.1							
288	83.3	77.7	77.8	78.3	63.5	66.0	68.9	67.3							
312	60.2	65.8	65.6	65.3	54.0	57.6	57.8	59.3							
336	51.9	53.4	57.1	66.2	59.5	54.3	55.7	54.3							



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WALL RANGES VS DEPTH

DEPTH	3034.9			TILT	-30	VOS			5962.40
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21	
0	66.4	66.8	60.0	57.1	57.8	56.3	53.7	51.9	
24	52.5	62.7	64.7	65.4	59.3	60.6	73.1	64.4	
48	68.7	73.6	73.6	76.6	83.3	83.4	96.1	115.4	
72	126.1	130.9	131.5	138.0	137.4	136.5	139.5	139.6	
96	146.4	147.6	155.4	155.9	166.3	166.5	170.9	172.4	
120	185.8	186.4	184.8	189.5	195.0	190.8	196.2	197.4	
144	198.5	205.9	206.3	206.8	203.6	176.8	194.9	193.1	
168	183.0	183.0	171.7	165.2	162.2	162.8	158.8	152.0	
192	145.6	141.0	140.1	134.7	129.7	124.7	132.7	132.7	
216	122.1	103.8	100.9	98.4	97.2	93.3	88.8	88.2	
240	87.3	90.9	91.2	97.6	106.4	106.4	110.3	110.5	
264	125.5	90.9	90.3	89.4	87.1	82.9	82.0	82.2	
288	80.2	78.1	75.6	74.5	63.8	68.6	69.1	64.7	
312	60.5	65.6	62.3	65.0	54.6	57.8	58.1	59.9	
336	52.4	54.3	57.8	66.2	60.8	55.2	56.3	55.2	

DEPTH	3034.9			TILT	-33	VOS			5962.40
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21	
0	66.1	67.1	63.0	57.6	56.9	57.5	54.6	53.1	
24	53.7	60.5	66.6	66.6	60.7	60.2	74.0	67.1	
48	64.1	74.4	74.8	77.4	84.9	85.0	98.7	110.0	
72	121.3	125.5	127.4	128.3	128.5	132.5	132.8	133.0	
96	133.6	135.5	94.8	97.5	99.1	153.1	138.3	139.8	
120	140.8	140.8	150.7	168.9	179.0	181.3	186.6	169.3	
144	169.3	165.5	166.4	165.5	165.5	166.6	179.6	177.1	
168	176.5	172.8	166.9	158.6	152.8	147.3	137.6	133.6	
192	133.6	135.4	124.9	122.4	111.4	115.4	114.7	111.1	
216	98.4	91.1	90.0	90.4	89.1	87.3	85.3	85.3	
240	86.5	86.5	90.6	92.1	99.9	104.0	107.0	107.5	
264	113.9	92.8	90.3	85.0	83.9	84.3	79.6	81.7	
288	79.0	76.0	75.4	72.6	70.4	70.4	70.0	62.4	
312	62.3	63.8	63.1	63.8	55.2	59.0	59.0	59.6	
336	52.5	54.3	58.4	64.7	61.7	57.0	56.1	56.1	

DEPTH	3034.9			TILT	-36	VOS			5962.40
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21	
0	66.2	66.2	65.4	57.7	60.2	58.1	55.0	54.5	
24	54.9	58.6	69.1	68.0	61.7	61.1	74.3	68.0	
48	65.6	70.7	77.0	80.2	86.5	87.1	103.1	102.9	
72	108.2	120.1	123.7	122.3	120.4	118.0	118.4	124.1	
96	126.4	99.6	93.0	95.4	96.0	135.3	135.3	134.5	
120	134.2	134.5	134.5	151.3	159.5	163.3	166.6	165.2	
144	165.8	163.7	161.0	158.0	158.9	161.6	165.2	152.4	
168	152.7	144.4	142.4	131.0	136.8	133.3	118.5	118.0	
192	116.5	100.5	103.1	95.1	95.1	93.3	90.9	89.0	
216	88.5	87.6	89.1	89.7	84.7	82.6	82.3	82.9	
240	83.8	83.8	84.1	85.9	89.1	96.3	101.1	104.6	
264	107.3	93.9	90.5	82.7	81.1	82.0	78.6	79.0	
288	76.0	74.4	74.2	71.3	70.4	70.4	68.3	62.0	
312	63.7	64.7	64.0	64.4	57.4	57.2	60.8	58.4	
336	53.7	53.7	59.6	63.5	61.4	57.5	57.1	56.6	



CUSTOMER : Westlake US 2, LLC
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WALL RANGES VS DEPTH

DEPTH	3034.9		TILT	-39		VOS	5962.40	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	65.5	65.1	65.2	58.1	62.0	58.3	55.8	55.7
24	56.6	57.2	69.0	68.9	63.8	62.3	76.1	78.4
48	67.7	67.8	79.5	83.8	89.0	90.8	99.6	102.9
72	104.3	105.8	107.9	108.5	113.3	104.9	105.5	104.6
96	104.6	98.7	90.9	93.0	96.9	100.8	106.4	131.8
120	132.7	132.7	136.5	140.8	147.1	150.9	153.1	153.0
144	153.0	150.4	149.6	144.0	150.0	150.6	149.1	130.6
168	127.1	119.4	127.6	117.8	116.2	108.8	103.7	102.9
192	100.2	93.9	93.0	90.3	89.4	88.2	84.7	82.6
216	85.0	84.4	83.2	83.5	79.6	80.4	80.5	80.8
240	82.0	82.0	82.9	85.0	88.2	90.0	90.0	97.8
264	95.1	95.1	89.7	79.9	79.1	77.5	76.9	76.3
288	74.2	73.0	71.1	70.1	68.9	67.7	65.9	64.0
312	65.1	63.2	63.5	64.4	58.4	59.1	61.8	57.7
336	54.9	55.8	60.3	61.9	61.2	58.1	58.5	58.7

DEPTH	3034.9		TILT	-42		VOS	5962.40	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	65.4	65.7	66.3	60.2	61.9	59.2	58.6	57.9
24	59.2	59.1	67.1	67.9	64.5	64.2	78.4	78.1
48	70.0	69.4	83.2	85.7	91.5	93.2	96.0	100.1
72	99.7	102.3	102.8	103.8	100.0	98.9	100.8	101.5
96	101.5	94.1	89.1	89.3	92.9	98.3	101.4	108.5
120	110.8	129.4	131.8	134.6	136.6	140.6	136.1	135.9
144	135.9	133.5	130.6	132.2	129.6	127.9	121.4	113.3
168	107.2	107.4	104.0	100.2	102.8	97.7	89.4	90.8
192	87.6	87.7	80.9	79.4	80.6	76.6	76.1	80.6
216	81.2	79.4	77.7	77.7	77.7	78.4	79.2	79.4
240	79.4	80.1	80.6	83.2	85.0	86.7	87.0	87.0
264	86.5	89.9	81.4	78.0	78.0	75.8	75.3	74.3
288	72.1	72.1	68.8	68.4	67.3	66.5	64.5	64.8
312	64.8	63.2	62.6	62.5	58.6	61.6	60.9	59.7
336	56.1	58.5	62.3	61.2	61.1	59.2	60.6	60.5

DEPTH	3034.9		TILT	-45		VOS	5962.40	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	64.6	65.3	65.3	62.5	62.5	61.2	60.1	59.8
24	61.7	61.7	66.0	66.6	67.8	66.3	79.5	75.1
48	72.3	71.0	85.7	89.6	91.2	91.6	92.5	92.9
72	93.8	96.5	97.4	99.3	89.3	88.5	88.4	88.4
96	88.0	88.3	87.3	89.4	89.4	93.9	96.1	96.5
120	102.0	106.5	108.8	121.1	119.1	122.6	122.3	120.3
144	120.6	120.6	119.7	116.8	117.2	115.0	99.1	95.3
168	92.5	92.1	93.5	89.6	89.4	88.5	87.6	84.9
192	82.0	77.0	72.9	73.2	73.8	75.2	75.2	77.0
216	78.3	75.8	76.0	76.3	74.9	75.5	75.8	76.1
240	77.0	78.8	79.4	79.4	81.5	81.2	85.6	81.4
264	80.5	78.4	78.6	76.9	75.8	75.8	74.1	73.0
288	71.8	70.7	69.0	67.6	67.0	67.1	64.0	64.3
312	62.3	62.3	61.7	60.5	59.9	61.6	60.7	61.4
336	59.7	60.1	61.0	61.1	60.7	58.5	62.7	62.0



CUSTOMER : Westlake US 2, LLC
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WALL RANGES VS DEPTH

DEPTH	3034.9		TILT	-48		VOS	5962.40	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	62.8	64.8	64.6	64.5	65.3	63.4	62.3	61.6
24	64.8	64.7	66.0	67.8	70.3	70.2	79.3	76.4
48	78.3	75.1	85.7	87.6	89.5	90.2	89.1	89.0
72	89.8	89.6	91.5	91.8	87.7	87.2	85.4	85.0
96	84.8	86.2	86.4	88.1	88.9	91.1	88.7	88.7
120	89.6	91.6	105.6	104.6	101.4	101.7	103.1	105.0
144	106.8	107.4	109.8	107.3	106.6	98.9	89.9	89.4
168	87.9	87.9	87.4	86.4	85.5	84.6	84.6	82.3
192	81.0	76.8	71.5	70.8	70.8	71.0	71.0	73.5
216	73.2	73.2	73.9	74.3	73.8	73.8	74.1	75.0
240	75.0	75.3	75.8	73.2	72.7	75.3	77.8	75.3
264	77.5	76.6	76.6	76.9	76.3	73.8	73.8	72.6
288	71.5	70.1	68.5	67.6	66.9	66.8	63.9	64.0
312	62.9	62.5	61.0	61.0	60.9	60.4	59.5	59.9
336	60.7	60.7	61.3	60.5	59.7	60.1	63.0	62.8

DEPTH	3034.9		TILT	-51		VOS	5962.40	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	64.0	65.0	64.8	65.1	66.2	66.0	64.3	62.8
24	66.8	67.0	68.5	68.7	72.7	74.4	78.8	78.8
48	77.4	79.8	85.4	85.4	87.7	88.7	87.4	87.4
72	90.1	88.5	88.5	86.0	85.9	85.7	82.5	81.7
96	81.7	83.9	85.3	86.5	88.1	88.2	90.1	91.5
120	91.5	91.3	90.8	92.2	94.4	93.1	94.1	87.8
144	95.9	91.7	91.7	83.4	82.8	82.7	78.3	80.6
168	81.4	85.3	83.1	83.4	82.3	79.8	79.7	75.8
192	75.8	75.5	73.8	71.2	71.2	70.1	69.9	70.5
216	71.8	71.6	70.7	71.6	72.2	72.1	71.9	73.3
240	72.7	72.2	71.5	71.5	70.7	71.3	71.5	73.8
264	74.1	76.4	76.4	75.0	74.1	73.2	71.9	70.2
288	68.8	68.7	67.6	67.6	67.0	65.7	63.8	63.4
312	63.2	62.2	61.2	61.2	61.1	60.3	59.0	59.2
336	60.8	60.6	60.0	60.0	60.6	60.6	62.8	62.9

DEPTH	3034.9		TILT	-54		VOS	5962.40	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	63.2	64.5	65.1	65.1	65.9	66.2	66.2	65.0
24	67.1	68.7	69.0	68.8	73.3	73.6	76.3	78.6
48	79.7	79.8	85.0	85.3	85.0	86.0	87.7	87.9
72	88.4	88.2	87.7	86.0	83.2	83.2	81.7	81.9
96	82.0	82.0	83.1	84.6	82.9	88.2	87.6	87.4
120	89.3	88.5	87.9	88.8	84.9	86.3	85.4	85.3
144	85.6	84.0	84.5	84.5	81.2	81.4	78.7	79.4
168	80.0	81.4	81.7	81.4	80.3	78.4	78.4	76.6
192	76.0	73.9	73.0	72.9	71.3	70.5	70.4	69.0
216	68.4	68.5	70.2	70.4	70.8	70.1	70.7	69.8
240	69.0	69.0	69.9	69.9	69.9	69.8	69.8	72.9
264	71.8	72.6	72.7	73.6	73.6	71.8	70.8	70.8
288	68.7	67.6	65.3	65.3	65.1	65.0	64.8	64.2
312	62.9	62.8	62.3	61.0	60.7	60.3	60.1	60.3
336	60.1	60.5	60.1	59.8	59.8	60.6	62.5	62.3



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WALL RANGES VS DEPTH

DEPTH	3034.9			TILT	-57	VOS			5962.40
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21	
0	62.2	63.6	64.6	64.6	65.1	65.6	65.9	66.0	
24	67.4	69.0	68.8	69.5	72.2	72.7	73.3	76.1	
48	76.1	79.2	80.3	81.4	84.0	84.0	83.9	85.6	
72	85.1	85.9	85.9	69.5	68.9	67.6	67.9	71.5	
96	68.7	67.1	67.3	67.3	67.3	83.6	82.5	86.5	
120	86.3	80.3	80.6	80.6	79.8	83.1	82.6	82.6	
144	82.2	82.8	82.2	80.5	80.5	80.5	78.9	78.9	
168	78.9	79.2	79.8	80.1	79.2	77.2	75.5	74.7	
192	74.3	73.0	72.4	71.8	70.8	70.1	68.5	68.1	
216	67.7	67.9	68.1	68.8	69.3	68.1	68.7	68.4	
240	68.4	68.4	68.7	68.7	69.1	69.8	69.8	69.1	
264	69.0	69.8	70.5	70.4	69.8	67.6	71.0	67.9	
288	66.7	66.3	65.6	65.1	64.6	64.2	64.2	64.0	
312	63.7	63.6	62.3	62.3	60.6	60.6	60.5	60.1	
336	60.1	60.0	59.8	60.0	60.0	60.0	60.8	62.2	

DEPTH	3034.9			TILT	-60	VOS			5962.40
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21	
0	62.3	63.5	63.9	64.8	65.6	65.6	65.0	66.7	
24	68.1	68.5	68.5	69.8	70.7	73.5	74.3	74.3	
48	77.0	78.6	78.6	80.8	80.8	81.5	81.5	82.0	
72	66.4	68.3	65.3	64.6	64.6	64.8	64.8	65.0	
96	64.0	65.4	64.3	64.3	65.0	65.3	80.2	78.6	
120	78.4	78.4	78.4	81.1	81.1	80.5	80.3	80.9	
144	80.9	80.3	80.0	80.0	80.1	79.2	79.1	78.1	
168	77.0	77.2	77.2	77.0	74.6	72.2	72.2	71.5	
192	71.5	70.2	71.3	68.5	70.1	68.4	67.0	67.0	
216	64.6	64.3	68.1	67.9	67.9	67.9	67.9	67.9	
240	68.4	68.2	68.4	68.5	68.7	69.3	69.6	67.6	
264	67.5	67.8	67.8	67.8	67.2	66.0	67.9	66.4	
288	66.3	64.5	64.0	64.0	64.0	63.9	63.6	63.6	
312	63.2	62.6	62.3	61.5	60.8	60.8	60.8	60.6	
336	60.5	60.5	60.3	60.0	60.1	60.1	60.3	61.7	

DEPTH	3034.9			TILT	-63	VOS			5962.40
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21	
0	63.1	63.1	63.2	64.5	65.1	65.4	64.5	64.5	
24	67.8	68.4	69.8	69.8	70.2	72.6	73.6	73.6	
48	75.5	77.0	77.0	77.2	77.8	76.1	78.9	62.9	
72	63.4	63.4	63.4	63.2	62.2	61.9	62.0	62.0	
96	61.7	61.4	61.4	61.4	62.2	61.9	76.6	76.6	
120	78.1	78.1	78.4	78.0	79.8	78.8	80.3	78.8	
144	80.3	78.9	78.4	77.7	76.1	77.2	77.0	73.8	
168	74.3	72.7	72.7	72.6	71.8	69.8	71.0	68.5	
192	68.1	67.9	67.7	67.7	67.4	67.4	66.8	67.2	
216	65.3	65.3	67.8	68.1	67.7	67.9	67.9	67.6	
240	67.7	66.8	65.9	68.1	69.0	69.0	65.7	65.9	
264	65.9	65.7	65.1	65.1	64.6	64.3	64.8	64.8	
288	65.1	65.7	65.4	64.2	64.0	64.0	63.7	63.6	
312	63.1	62.6	62.5	61.7	61.5	61.4	60.9	61.1	
336	61.1	60.6	60.6	60.6	60.9	60.8	60.9	61.7	



CUSTOMER : Westlake US 2, LLC
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WALL RANGES VS DEPTH

DEPTH	3034.9		TILT	-66		VOS	5962.40	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	63.2	63.2	63.4	64.5	64.6	64.6	64.6	65.3
24	65.6	65.7	67.4	67.7	67.7	67.7	69.0	69.0
48	73.8	75.2	75.2	73.9	71.3	70.7	70.6	62.3
72	62.3	60.8	60.8	60.5	60.5	60.8	61.1	59.8
96	59.8	59.7	59.2	59.4	59.8	60.8	61.9	73.5
120	74.6	74.1	74.1	74.4	74.6	76.6	77.0	74.4
144	72.9	72.9	72.9	73.4	73.4	72.9	72.3	71.9
168	72.6	72.1	71.3	69.8	69.8	68.0	68.4	68.1
192	67.3	67.3	66.8	66.5	66.8	66.8	66.5	66.5
216	66.7	65.9	67.6	67.6	66.0	66.2	65.1	65.3
240	64.2	64.2	65.3	64.2	64.2	63.7	63.7	63.4
264	63.6	64.6	64.5	64.5	64.2	64.2	64.3	64.8
288	64.8	65.6	66.3	64.3	64.2	63.9	63.9	63.6
312	63.4	62.5	62.5	62.0	62.0	62.0	62.2	61.5
336	61.5	61.2	61.4	61.4	61.1	61.1	61.2	62.2

DEPTH	3034.9		TILT	-69		VOS	5962.40	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	62.8	63.1	66.3	65.1	65.1	64.6	64.6	65.0
24	65.0	65.1	65.1	65.9	65.9	67.4	67.6	67.9
48	66.7	68.8	71.2	71.2	70.7	61.7	60.3	60.3
72	60.0	60.0	59.7	59.4	58.9	58.3	58.6	58.4
96	58.3	58.3	59.4	59.4	59.1	62.5	63.0	68.4
120	68.1	67.9	67.9	69.5	70.8	70.8	71.6	71.8
144	71.2	68.7	68.8	68.7	68.7	69.0	65.7	65.6
168	66.5	66.7	66.7	66.7	66.7	66.2	65.7	65.9
192	66.0	65.7	65.7	66.5	66.5	66.5	66.5	66.3
216	66.2	66.5	66.5	66.5	65.6	63.4	63.4	61.7
240	61.4	61.7	60.8	60.1	60.0	60.0	60.1	61.2
264	60.6	60.8	61.2	61.4	63.8	63.8	64.4	65.0
288	65.4	59.7	60.3	60.0	61.4	62.0	62.0	62.8
312	62.8	62.5	62.5	62.8	62.9	63.1	62.6	62.6
336	62.6	61.9	61.9	62.2	61.7	62.8	62.8	62.6

DEPTH	3034.9		TILT	-72		VOS	5962.40	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	68.5	67.7	67.7	67.1	67.1	67.4	65.0	64.8
24	64.8	65.0	65.0	65.0	65.4	66.3	66.3	66.3
48	66.5	66.5	64.2	64.2	64.3	60.3	60.0	59.7
72	59.7	59.1	58.9	58.6	58.6	58.1	57.8	57.8
96	57.7	57.7	57.9	58.5	58.3	64.0	64.0	63.9
120	62.5	62.5	62.5	65.1	65.6	65.9	66.0	66.0
144	66.8	66.3	66.2	65.6	63.9	63.9	63.7	63.7
168	63.4	63.1	63.1	62.8	62.8	62.2	62.2	62.3
192	63.9	63.9	63.9	65.1	66.1	65.3	65.3	65.5
216	65.1	65.3	65.4	64.6	65.4	61.2	60.8	59.5
240	59.5	59.5	58.9	58.9	58.9	59.1	59.1	59.1
264	60.5	60.5	60.1	56.3	55.8	55.8	56.4	57.4
288	57.4	57.5	57.5	59.4	59.5	60.0	60.1	62.0
312	62.0	65.4	64.2	65.1	65.1	65.1	65.7	-1e+06
336	64.5	64.8	69.8	70.4	71.5	71.5	69.8	70.1



CUSTOMER : Westlake US 2, LLC
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WALL RANGES VS DEPTH

DEPTH	3034.9			TILT -75			VOS 5962.40		
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21	
0	69.3	69.0	68.7	67.9	67.9	63.2	63.4	63.6	
24	64.3	64.8	64.8	65.0	65.3	65.4	65.5	65.5	
48	64.6	64.6	63.7	62.9	62.5	62.5	61.7	61.7	
72	58.9	58.8	58.8	58.8	58.4	58.4	58.4	58.3	
96	58.3	63.2	58.3	58.3	63.4	63.9	63.6	62.0	
120	61.2	61.1	60.9	59.8	59.7	60.6	61.5	61.5	
144	61.5	65.9	65.4	65.4	65.4	63.1	63.1	60.9	
168	60.9	61.2	61.2	61.1	62.5	62.5	62.8	62.0	
192	62.0	62.3	63.6	63.6	63.6	63.4	64.5	64.5	
216	64.6	63.1	63.1	63.1	63.1	60.1	59.7	59.7	
240	59.7	59.7	58.8	58.6	58.6	58.6	58.6	58.8	
264	59.2	59.4	59.5	55.8	55.8	55.8	55.8	56.3	
288	56.0	56.0	56.3	56.4	56.9	58.0	58.3	59.5	
312	59.5	66.3	65.9	66.1	65.7	65.7	65.7	66.0	
336	66.3	67.7	67.7	67.7	69.6	69.6	69.3	69.3	

DEPTH	3034.9			TILT -78			VOS 5962.40		
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21	
0	67.4	67.4	67.6	67.4	62.2	62.2	62.2	62.0	
24	62.0	62.0	62.0	64.2	64.2	63.9	62.5	62.8	
48	62.8	62.8	62.3	62.2	62.0	62.0	61.5	61.5	
72	61.4	61.5	62.1	61.7	61.7	61.7	61.7	62.3	
96	62.5	63.1	63.1	63.1	63.1	61.2	63.1	61.2	
120	61.1	61.1	60.6	60.6	60.6	60.6	60.8	61.2	
144	61.2	61.2	61.3	61.7	62.1	62.3	62.3	62.3	
168	62.3	62.7	63.2	62.9	63.0	63.2	63.2	63.1	
192	63.2	63.2	63.1	63.1	63.1	63.1	63.1	63.1	
216	63.1	63.1	62.3	61.5	59.8	59.7	59.5	59.1	
240	59.1	58.8	58.8	58.3	58.3	58.3	58.4	58.6	
264	58.4	58.4	58.4	58.4	55.0	55.0	55.0	55.0	
288	55.2	55.2	56.1	56.1	56.0	56.4	57.0	57.2	
312	60.3	66.3	66.6	66.8	66.8	67.0	67.0	67.4	
336	68.2	68.1	67.7	67.7	67.7	67.7	67.4	67.4	

DEPTH	3034.9			TILT -81			VOS 5962.40		
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21	
0	67.3	67.3	67.2	67.2	67.2	62.2	62.2	61.9	
24	62.2	62.2	62.9	62.9	62.3	62.3	62.3	62.3	
48	62.3	62.3	62.3	62.3	62.3	62.5	62.5	61.9	
72	61.9	61.9	61.9	62.6	62.0	62.8	62.8	62.8	
96	62.9	63.2	63.2	63.2	63.1	63.1	62.9	61.1	
120	61.1	61.1	60.8	60.8	60.8	60.8	60.8	60.9	
144	60.9	61.1	62.8	62.5	62.5	62.3	62.3	62.3	
168	62.3	62.3	62.3	62.3	62.8	62.9	63.1	63.2	
192	63.1	62.9	62.5	62.5	62.5	62.5	62.0	61.9	
216	61.7	60.9	60.9	60.8	60.8	60.3	59.2	59.2	
240	59.2	59.2	59.2	59.2	59.2	59.4	59.4	59.4	
264	58.9	58.9	58.3	58.9	59.7	59.7	59.7	60.1	
288	60.1	60.6	62.8	63.2	63.7	63.7	63.7	63.7	
312	63.7	65.9	65.9	65.9	65.9	66.4	67.0	67.2	
336	67.6	66.5	66.5	66.5	66.7	66.7	66.8	67.3	



CUSTOMER : Westlake US 2, LLC
 DATE : August 05, 2025

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WALL RANGES VS DEPTH

DEPTH	3034.9			TILT			-84			VOS			5962.40		
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21							
0	65.4	65.4	65.4	65.4	65.0	62.8	62.6	62.5							
24	62.5	62.5	62.3	62.3	62.3	62.3	62.3	62.3							
48	62.3	62.3	62.3	63.6	63.4	63.4	63.4	63.4							
72	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2							
96	63.4	63.4	63.2	63.4	63.4	62.8	62.9	62.9							
120	62.9	62.9	61.2	61.2	61.2	61.2	61.2	61.2							
144	62.8	62.8	62.8	60.8	60.8	60.8	60.8	60.8							
168	60.8	61.7	61.7	61.7	61.7	62.6	62.6	62.6							
192	62.6	62.2	62.2	62.2	62.2	62.0	61.9	61.5							
216	61.5	61.5	61.2	61.2	61.2	61.2	60.3	60.3							
240	60.5	60.5	60.5	60.5	60.5	60.5	60.6	60.6							
264	60.6	60.6	60.6	60.6	60.6	60.6	61.2	61.2							
288	61.2	63.1	62.9	62.9	63.1	63.2	64.8	65.4							
312	65.3	65.3	65.3	65.1	65.9	65.9	65.9	67.7							
336	67.7	67.7	67.1	67.1	67.1	66.0	66.0	66.0							

DEPTH	3034.9			TILT			-87			VOS			5962.40		
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21							
0	65.0	64.8	64.8	65.0	64.8	65.0	65.0	65.0							
24	65.0	65.0	65.0	65.0	64.6	64.6	64.6	62.8							
48	62.8	62.8	62.8	62.8	62.8	62.8	63.7	63.6							
72	63.6	63.6	63.6	63.6	63.6	63.6	63.6	62.0							
96	62.0	62.0	62.0	61.4	61.2	61.1	61.1	61.1							
120	61.1	61.1	61.1	61.1	61.1	60.9	60.3	60.5							
144	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3							
168	60.3	60.3	60.3	60.5	60.5	61.5	61.7	61.7							
192	61.7	62.0	62.0	61.9	61.9	61.7	61.5	61.5							
216	61.5	61.4	61.4	61.4	61.4	61.4	61.4	61.4							
240	61.4	61.4	61.5	61.4	61.4	61.4	61.4	61.4							
264	61.9	61.9	61.9	62.0	62.2	62.5	62.5	62.5							
288	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.9							
312	62.9	63.4	63.4	63.6	63.6	63.6	63.7	63.7							
336	63.7	63.7	63.7	64.3	64.3	64.8	65.0	65.0							

DEPTH	3035.1			TILT			0			VOS			5962.40		
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21							
0	74.8	71.3	68.6	68.6	63.5	61.9	65.7	192.1							
24	188.4	195.5	195.5	195.2	196.0	196.4	182.7	184.7							
48	181.0	203.1	172.6	181.9	204.6	187.1	209.7	210.2							
72	215.2	220.3	221.9	225.6	225.0	228.7	231.7	195.8							
96	199.0	233.5	245.1	248.2	251.8	228.3	244.9	254.2							
120	261.0	225.1	236.7	238.0	238.0	279.1	265.6	292.8							
144	276.7	303.0	199.9	199.5	201.1	204.2	207.0	207.2							
168	178.8	183.1	184.6	186.2	185.8	190.3	197.1	199.7							
192	199.7	203.5	206.1	209.7	211.6	217.4	232.8	227.4							
216	228.7	241.5	243.1	244.7	252.3	250.2	251.2	250.1							
240	276.8	270.9	268.1	265.4	264.2	241.5	238.8	183.9							
264	146.6	141.4	132.9	107.9	108.2	111.5	108.2	91.5							
288	95.0	95.0	92.5	91.7	90.9	91.7	87.0	78.0							
312	78.8	78.5	69.0	67.3	68.0	68.3	65.4	69.8							
336	69.7	71.3	67.6	68.2	63.5	63.1	75.4	73.7							



CUSTOMER : Westlake US 2, LLC
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WALL RANGES VS DEPTH

DEPTH	3040.1			TILT	0	VOS			5962.40
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21	
0	187.8	66.1	65.3	65.3	62.7	54.3	53.3	55.4	
24	70.9	195.1	198.5	195.6	201.7	69.9	197.9	201.7	
48	201.3	202.5	202.5	203.8	210.1	209.7	210.5	212.6	
72	216.9	224.0	223.2	227.4	229.5	229.9	235.4	239.2	
96	239.6	242.1	247.6	252.5	254.9	259.0	267.8	272.4	
120	279.2	282.5	286.7	290.6	282.7	313.4	312.9	312.9	
144	303.2	302.7	299.3	293.5	291.4	290.1	289.1	290.5	
168	292.6	295.6	298.1	299.0	299.4	245.4	247.9	250.9	
192	203.1	203.1	208.6	211.4	211.0	271.3	275.4	293.4	
216	265.0	293.1	268.8	253.6	260.2	263.4	284.6	281.6	
240	279.2	274.8	270.5	266.7	270.7	260.5	256.4	182.6	
264	156.3	137.2	129.1	104.1	108.0	96.8	87.9	89.4	
288	80.0	80.0	82.4	85.1	88.2	82.4	83.1	65.8	
312	77.6	79.0	65.0	65.8	66.2	69.9	64.7	61.9	
336	67.8	66.7	66.2	67.4	57.5	53.7	72.0	73.0	

DEPTH	3045.4			TILT	0	VOS			5962.40
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21	
0	69.6	63.5	57.1	61.1	59.4	51.8	49.5	48.0	
24	70.3	70.3	66.8	68.2	65.0	67.8	65.0	202.5	
48	70.6	66.1	75.8	75.8	75.8	75.4	218.0	218.5	
72	221.9	224.0	228.6	230.7	231.6	232.9	238.2	237.6	
96	242.1	247.7	250.6	257.7	257.0	260.6	273.7	277.3	
120	281.6	288.0	294.3	296.4	307.4	314.1	313.4	313.4	
144	303.3	303.3	300.1	295.5	290.9	290.5	290.9	290.9	
168	292.6	295.0	297.5	299.2	301.6	301.6	304.0	303.6	
192	309.5	314.1	313.7	311.2	307.8	303.6	301.9	297.7	
216	295.2	295.0	293.1	263.1	218.1	225.7	208.3	281.9	
240	279.5	279.1	270.7	276.6	275.9	269.5	259.0	178.5	
264	149.9	131.8	102.8	106.5	108.1	95.4	87.5	77.5	
288	77.5	79.2	80.8	83.4	78.2	79.4	60.3	66.5	
312	77.2	65.2	65.1	64.7	66.5	61.3	61.5	62.4	
336	65.3	63.6	54.3	67.8	54.0	52.6	53.0	67.6	

DEPTH	3050.0			TILT	0	VOS			5963.00
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21	
0	66.1	62.7	55.0	56.8	56.1	52.9	49.0	47.4	
24	69.9	68.7	60.2	59.0	55.4	67.6	64.9	57.6	
48	75.1	65.3	65.7	75.0	76.8	74.0	91.7	220.6	
72	224.5	229.0	229.0	232.8	233.4	238.0	244.5	249.0	
96	251.4	251.6	257.0	264.6	266.1	270.6	278.1	280.8	
120	284.2	289.5	294.6	298.1	306.8	313.1	314.1	313.7	
144	303.4	303.4	300.9	294.7	290.6	290.3	291.1	291.3	
168	292.0	295.0	297.1	298.6	301.0	302.1	303.0	303.3	
192	309.6	316.1	317.5	313.4	308.6	304.0	302.1	297.8	
216	295.9	296.5	205.8	206.5	216.8	189.8	202.1	206.6	
240	210.9	283.8	228.0	223.5	275.8	229.9	247.5	172.7	
264	149.5	131.4	103.1	107.6	108.2	94.8	86.7	76.1	
288	77.2	79.3	80.2	77.8	76.8	77.9	61.8	66.1	
312	62.2	63.0	62.7	64.4	63.7	54.4	56.9	63.2	
336	64.4	52.2	53.3	66.1	53.0	51.6	51.9	51.5	



CUSTOMER : Westlake US 2, LLC

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**WALL RANGES VS DEPTH**

DEPTH	3055.0			TILT	0			VOS	5963.00	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21		
0	63.0	61.3	53.6	55.0	54.6	52.9	48.0	46.4		
24	66.8	63.2	59.8	58.6	53.7	66.8	64.5	57.1		
48	74.8	65.8	62.0	62.3	76.9	72.7	87.9	223.1		
72	228.4	238.9	234.4	234.4	238.5	246.7	250.7	251.8		
96	257.0	259.0	267.7	268.5	271.8	275.8	280.0	282.0		
120	286.1	294.4	294.4	300.9	308.2	312.7	313.7	312.7		
144	303.4	303.4	300.6	294.3	290.4	290.2	290.6	291.3		
168	292.0	294.7	299.2	299.7	300.6	301.6	302.6	302.7		
192	307.5	318.8	319.9	318.4	314.8	302.0	302.0	300.3		
216	301.5	303.0	205.1	203.0	195.1	177.6	191.5	203.2		
240	200.8	206.8	211.0	275.4	210.6	202.8	184.2	170.3		
264	149.5	125.1	104.9	108.7	107.8	85.5	87.6	74.5		
288	76.8	79.7	76.2	77.4	74.5	58.8	61.3	64.4		
312	56.6	61.8	62.1	62.8	61.8	53.7	54.6	62.7		
336	62.7	49.6	52.2	64.9	53.7	50.1	50.6	50.3		

DEPTH	3060.0			TILT	0			VOS	5963.00	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21		
0	59.2	59.4	53.6	52.6	52.4	52.4	47.6	45.7		
24	46.1	59.5	58.2	58.9	53.0	60.2	62.4	56.8		
48	75.8	64.7	61.3	61.3	72.3	72.2	82.7	224.2		
72	238.9	242.2	244.7	244.8	245.6	251.5	252.9	255.0		
96	260.8	262.2	267.4	269.5	275.0	278.7	278.7	283.7		
120	286.4	295.1	294.7	305.8	309.0	312.4	313.1	311.0		
144	305.8	301.6	300.2	294.4	290.9	290.6	290.6	291.6		
168	292.6	296.1	298.2	298.9	299.2	300.7	302.0	302.7		
192	308.6	320.0	319.6	323.1	320.7	317.1	308.7	300.3		
216	197.1	189.1	190.3	182.7	172.5	172.5	182.4	193.3		
240	190.8	205.1	202.1	205.3	189.1	194.4	184.8	171.4		
264	148.8	121.8	104.2	108.6	82.0	82.7	73.0	73.3		
288	76.1	75.9	72.7	72.7	58.9	59.2	61.6	62.8		
312	54.4	59.6	60.2	60.9	48.5	51.9	52.9	58.5		
336	46.1	48.1	51.2	62.3	54.3	48.8	50.3	48.8		

DEPTH	3065.0			TILT	0			VOS	5963.00	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21		
0	57.8	58.5	52.2	48.8	48.8	48.3	45.9	45.0		
24	45.5	56.9	57.1	58.1	51.2	51.4	64.0	56.5		
48	74.1	65.7	61.3	61.6	72.3	72.6	82.0	82.0		
72	237.9	240.8	246.0	245.1	250.1	250.1	253.2	255.0		
96	262.9	262.9	268.8	271.9	275.3	281.2	281.3	284.3		
120	288.5	294.4	297.8	307.5	308.7	313.1	310.8	311.8		
144	307.4	301.6	299.8	294.4	291.4	291.0	292.8	295.3		
168	296.1	298.2	298.5	298.9	300.3	301.6	301.6	303.0		
192	309.9	319.6	319.6	323.1	323.0	319.6	313.8	309.1		
216	194.0	186.3	187.0	175.4	175.4	175.6	181.9	175.5		
240	181.1	188.5	187.9	194.8	175.3	187.2	185.4	173.1		
264	148.3	120.9	104.9	101.9	81.7	81.7	73.0	73.4		
288	76.4	72.5	70.9	72.0	55.7	59.2	62.3	60.6		
312	53.0	59.0	58.5	58.1	46.8	50.1	50.9	52.3		
336	44.1	45.5	49.5	59.5	53.0	48.5	47.4	47.4		



CUSTOMER : Westlake US 2, LLC
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WALL RANGES VS DEPTH

DEPTH	3070.1			TILT	0	VOS			5963.00
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21	
0	56.2	57.5	53.4	45.8	49.1	46.7	43.6	43.8	
24	44.6	45.7	56.3	56.4	50.9	50.2	63.8	56.5	
48	54.3	64.6	63.6	64.4	72.7	72.6	82.4	82.6	
72	236.2	240.6	248.4	249.4	250.8	250.1	253.6	260.5	
96	263.0	268.8	274.7	278.1	281.6	283.0	284.0	286.4	
120	289.6	295.8	299.4	307.2	312.7	312.7	312.0	310.6	
144	307.2	306.6	302.0	298.4	294.7	294.5	295.1	296.5	
168	300.7	307.0	298.5	305.1	307.0	309.2	301.3	309.9	
192	319.9	320.0	320.0	323.4	322.7	320.7	317.2	309.2	
216	182.7	183.0	183.0	170.9	173.6	174.0	176.1	168.1	
240	168.9	167.9	171.1	168.3	160.0	160.3	148.2	173.7	
264	148.9	102.5	99.9	94.4	82.7	79.6	73.0	73.8	
288	75.0	69.2	69.6	70.3	59.9	59.9	59.5	51.4	
312	52.2	53.7	53.1	53.0	46.7	46.7	49.6	45.7	
336	42.7	43.7	48.7	54.8	50.4	46.1	46.1	46.0	

DEPTH	3075.1			TILT	0	VOS			5963.00
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21	
0	51.9	51.2	51.2	45.0	47.4	44.3	44.3	42.9	
24	44.3	44.3	56.2	55.6	50.1	48.8	62.3	55.3	
48	53.3	63.6	63.7	66.0	72.7	72.7	83.8	87.1	
72	237.7	240.4	247.3	247.3	250.8	251.5	254.8	259.4	
96	263.5	268.1	271.2	278.5	278.5	282.6	283.0	286.4	
120	290.6	295.6	300.9	307.2	311.7	312.7	311.7	310.6	
144	307.2	305.8	302.0	302.3	297.8	297.8	297.8	298.5	
168	303.7	306.8	304.9	304.9	307.5	310.4	301.6	318.8	
192	319.6	319.6	319.6	323.4	322.0	319.3	318.4	180.7	
216	181.0	178.5	169.8	163.4	167.1	172.3	152.4	77.2	
240	155.3	141.9	138.5	142.0	136.0	146.1	148.7	163.2	
264	149.5	93.0	86.3	82.2	81.0	74.2	71.9	72.0	
288	69.2	66.0	64.1	59.5	58.9	58.9	55.6	50.0	
312	51.2	49.5	49.1	50.8	42.9	46.3	46.1	44.8	
336	43.3	43.7	47.4	46.4	46.3	42.9	45.4	45.4	

DEPTH	3080.0			TILT	0	VOS			5963.00
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21	
0	47.3	48.1	48.7	44.3	44.6	43.3	41.9	41.9	
24	43.6	44.0	50.2	52.3	48.8	47.8	60.2	60.2	
48	52.6	52.2	62.7	65.3	71.7	72.0	83.8	87.6	
72	129.1	240.4	247.7	249.1	250.1	257.0	259.2	260.2	
96	263.1	268.6	269.8	277.4	278.8	282.7	287.1	288.8	
120	291.6	295.4	302.3	307.5	309.6	313.1	311.3	311.0	
144	306.8	305.4	303.9	302.7	301.5	299.9	298.2	298.2	
168	300.9	307.5	305.1	305.1	307.9	310.4	309.5	316.7	
192	320.0	320.3	322.7	323.1	322.7	318.2	200.8	179.6	
216	178.4	173.8	162.5	160.9	162.6	93.0	72.7	75.8	
240	73.7	78.2	131.6	132.4	125.1	136.3	142.9	156.2	
264	150.0	81.0	78.8	76.4	71.6	72.0	65.3	65.7	
288	59.9	57.8	53.3	52.6	50.5	49.7	46.1	47.8	
312	43.6	43.6	41.2	41.2	41.2	40.2	37.8	38.1	
336	40.9	40.9	42.2	40.5	38.8	40.5	44.3	44.7	



CUSTOMER : Westlake US 2, LLC
 DATE : August 05, 2025

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WALL RANGES VS DEPTH

DEPTH	3080.0		TILT		60		VOS		5963.00	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21		
0	286.7	285.9	285.7	285.6	285.6	284.8	284.5	285.1		
24	285.0	284.3	274.0	275.9	275.9	276.3	276.3	276.3		
48	275.6	273.6	274.6	274.6	276.5	276.5	276.5	275.9		
72	275.6	277.0	277.4	276.3	278.0	277.4	275.2	278.3		
96	278.1	277.8	274.4	274.4	280.1	274.1	275.3	279.9		
120	280.2	278.4	280.8	280.7	275.4	275.8	271.8	271.2		
144	278.1	277.7	280.7	281.5	277.1	272.4	272.4	276.6		
168	277.0	276.7	276.8	276.6	278.4	278.0	278.7	278.4		
192	277.5	277.5	278.3	278.7	279.1	278.9	276.7	276.7		
216	281.1	278.6	278.4	279.6	280.7	279.1	279.4	280.8		
240	282.6	283.0	282.6	286.6	283.7	286.4	283.7	284.6		
264	285.0	285.0	283.7	283.7	282.6	282.4	284.8	285.6		
288	285.6	285.1	286.1	285.1	290.1	290.1	290.1	283.7		
312	289.2	284.2	286.2	284.6	284.6	284.6	286.4	286.4		
336	286.6	286.3	287.3	287.3	281.4	286.2	286.5	287.2		

DEPTH	3080.0		TILT		57		VOS		5963.00	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21		
0	277.7	281.4	281.4	276.7	275.8	272.4	273.1	274.1		
24	273.3	270.8	271.8	270.4	271.6	270.6	272.1	274.1		
48	278.3	279.9	280.1	279.9	281.8	283.0	283.0	284.3		
72	284.6	286.2	286.6	287.1	285.0	285.0	285.0	286.6		
96	286.6	285.4	287.0	285.0	290.3	287.0	287.0	290.7		
120	291.1	288.1	290.7	290.2	287.1	287.0	287.0	286.4		
144	289.5	288.5	291.3	292.7	286.6	283.6	287.3	289.3		
168	290.4	290.4	289.6	288.8	290.3	287.4	288.7	288.5		
192	289.4	287.8	288.6	287.0	290.5	288.9	288.9	287.0		
216	291.2	290.1	290.1	291.3	291.7	289.3	291.6	292.1		
240	291.3	291.3	294.3	297.1	294.0	294.7	293.1	293.1		
264	295.3	295.3	293.3	293.3	290.4	291.5	291.8	292.9		
288	292.9	289.7	289.7	291.5	290.4	290.5	289.7	290.1		
312	290.3	292.1	292.4	291.7	291.7	281.3	276.7	276.5		
336	275.5	281.4	282.7	285.4	285.9	277.3	277.3	279.7		

DEPTH	3080.0		TILT		54		VOS		5963.00	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21		
0	253.2	255.5	258.3	243.4	244.7	246.2	236.4	244.3		
24	247.4	249.4	250.0	254.7	253.8	257.3	257.3	258.8		
48	261.3	264.2	271.6	269.8	275.7	275.5	275.4	276.4		
72	286.2	287.4	290.1	288.9	293.3	292.5	294.4	295.2		
96	298.4	293.7	298.3	298.9	300.7	297.6	298.8	302.5		
120	303.0	299.0	300.7	301.1	300.1	300.2	303.7	302.4		
144	302.6	300.9	303.1	305.6	297.6	296.0	303.5	303.8		
168	305.8	306.3	304.2	302.5	303.7	298.1	299.9	299.9		
192	302.0	300.3	300.3	300.1	299.2	300.3	300.3	302.9		
216	302.8	304.8	303.0	308.3	308.4	308.3	305.2	306.3		
240	301.4	303.1	307.6	309.0	305.5	302.3	302.7	302.7		
264	306.6	306.6	301.9	302.4	299.2	299.2	283.4	280.4		
288	277.0	276.7	277.0	274.7	272.1	269.9	272.7	276.7		
312	276.1	277.3	275.2	276.7	232.9	258.9	253.8	254.3		
336	254.1	260.1	261.4	264.5	258.6	244.5	243.1	250.7		



CUSTOMER : Westlake US 2, LLC

CAVERN : PPG No. 007B

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**WALL RANGES VS DEPTH**

DEPTH	3080.0			TILT			51			VOS			5963.00		
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21							
0	214.4	213.5	213.8	207.9	210.0	206.3	211.4	212.0							
24	209.4	209.9	226.0	232.8	240.2	246.8	248.0	248.0							
48	248.7	247.5	248.9	260.7	262.3	263.7	263.7	266.9							
72	264.9	269.4	277.1	279.5	284.1	287.1	292.0	294.4							
96	298.1	302.3	305.1	309.0	307.8	312.9	312.5	312.5							
120	312.1	311.8	311.8	313.6	314.0	315.8	316.3	316.2							
144	317.6	315.4	316.1	319.7	310.2	309.8	318.2	319.0							
168	320.4	320.7	319.3	316.3	315.8	312.5	312.0	314.9							
192	312.9	317.0	316.1	310.6	310.6	310.6	316.3	317.7							
216	317.2	318.5	316.3	319.8	319.4	320.1	316.8	315.9							
240	313.6	319.6	316.2	316.1	313.3	312.9	312.9	308.2							
264	310.1	309.0	306.6	284.5	277.9	264.0	248.7	235.8							
288	229.9	223.7	224.2	230.0	233.0	231.9	240.6	240.5							
312	241.6	223.8	215.6	212.8	212.8	213.7	208.3	208.1							
336	207.0	227.7	219.4	209.9	207.0	215.0	213.0	213.6							

DEPTH	3080.0			TILT			48			VOS			5963.00		
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21							
0	183.5	177.8	170.5	187.7	173.6	171.3	190.9	194.2							
24	193.8	194.7	203.9	205.9	224.0	233.0	233.4	231.8							
48	230.9	231.8	232.2	247.9	249.2	253.4	253.9	253.9							
72	262.2	265.7	268.1	271.0	272.2	275.1	275.5	278.4							
96	284.2	287.0	292.2	297.1	300.1	302.4	312.6	316.7							
120	319.2	322.4	324.7	327.4	330.1	334.1	330.6	332.2							
144	335.0	332.2	332.4	336.3	326.7	326.3	335.4	336.8							
168	337.5	337.5	337.0	336.5	327.5	325.9	326.7	335.5							
192	334.8	336.3	336.5	325.1	325.5	325.1	334.7	334.9							
216	333.9	334.2	331.8	331.4	330.5	331.2	330.4	325.3							
240	326.2	323.5	322.9	318.5	313.3	313.3	308.4	303.0							
264	297.2	274.5	253.8	237.1	237.4	227.9	227.1	214.2							
288	213.0	208.8	209.8	205.1	205.7	203.0	202.7	188.1							
312	187.0	186.1	183.5	183.1	183.1	181.9	181.5	181.1							
336	181.9	182.7	192.8	183.5	183.5	181.9	189.4	190.0							

DEPTH	3080.0			TILT			45			VOS			5963.00		
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21							
0	170.8	167.3	166.9	165.6	164.9	163.4	165.0	168.7							
24	178.7	185.8	194.6	200.3	212.8	220.0	219.0	220.8							
48	218.1	227.4	227.1	232.3	235.3	242.8	242.6	243.4							
72	244.8	247.4	249.6	251.9	256.1	264.9	264.1	260.7							
96	260.7	273.0	279.2	278.8	276.0	275.1	273.6	286.0							
120	304.4	272.0	314.3	320.3	334.2	336.2	334.2	331.6							
144	332.2	330.6	331.0	341.3	341.3	338.1	338.1	338.1							
168	342.1	340.5	343.6	345.5	340.5	340.9	342.5	342.5							
192	342.5	341.7	344.8	344.4	342.8	339.7	338.1	338.1							
216	330.6	334.2	329.1	309.9	322.2	326.7	315.9	315.7							
240	313.3	311.9	311.6	307.2	305.5	305.5	296.0	291.3							
264	276.3	254.4	240.7	235.8	226.7	214.9	213.8	214.2							
288	208.2	206.3	203.1	199.2	197.2	195.3	189.8	188.2							
312	184.2	183.8	181.9	181.9	180.7	181.1	179.1	178.4							
336	178.4	179.5	179.9	177.6	174.4	174.4	174.0	171.9							



CUSTOMER : Westlake US 2, LLC
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WALL RANGES VS DEPTH

DEPTH	3080.0		TILT		42		VOS		5963.00
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21	
0	167.3	167.3	163.4	163.4	163.4	163.4	163.6	166.0	
24	164.6	171.6	185.8	192.5	203.6	208.9	207.8	206.7	
48	207.0	217.0	216.9	217.7	218.7	234.2	231.1	230.7	
72	227.9	232.6	235.0	234.6	242.1	249.4	248.5	246.1	
96	243.9	255.2	259.8	260.6	259.6	258.9	257.8	265.2	
120	259.0	263.3	275.6	282.6	282.4	288.7	287.1	293.3	
144	301.9	307.4	306.7	330.6	331.6	325.9	318.5	325.0	
168	327.0	329.0	332.5	333.8	332.2	331.9	334.0	329.6	
192	327.1	327.7	334.7	334.6	329.4	325.1	314.3	294.7	
216	301.9	296.1	296.7	298.4	303.5	305.5	306.0	304.0	
240	303.2	301.9	300.3	301.3	301.5	294.0	286.2	280.7	
264	265.7	246.2	237.4	227.9	218.5	213.0	213.0	212.2	
288	207.1	207.1	201.2	196.9	195.3	193.3	189.8	187.8	
312	184.2	183.1	182.3	178.3	178.3	177.9	175.6	175.2	
336	175.2	175.0	173.3	171.6	170.5	168.1	168.1	166.9	

DEPTH	3080.0		TILT		39		VOS		5963.00
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21	
0	167.7	166.9	163.4	163.4	163.4	163.4	163.4	162.6	
24	161.8	163.4	170.0	185.4	195.3	196.6	197.2	196.8	
48	199.3	207.0	208.5	212.8	212.0	221.5	220.1	222.4	
72	218.1	218.6	221.5	225.1	226.0	231.9	237.0	237.0	
96	231.0	242.1	247.7	246.3	245.6	247.9	244.1	251.1	
120	246.8	250.0	257.3	254.4	257.5	268.8	272.8	272.8	
144	280.3	291.7	289.1	303.6	307.7	306.5	290.7	292.9	
168	290.7	292.9	303.3	303.1	300.7	297.2	295.2	278.3	
192	283.2	289.7	289.7	276.7	277.5	278.7	271.2	270.8	
216	274.8	277.5	281.8	285.9	292.3	298.1	296.6	292.1	
240	293.3	293.7	293.4	292.2	294.7	283.2	274.1	269.7	
264	259.1	244.7	232.6	227.9	217.3	215.3	211.0	210.6	
288	210.2	207.1	200.8	197.6	195.3	195.3	190.1	185.8	
312	185.0	184.2	179.9	177.9	174.8	174.8	173.6	171.6	
336	171.6	171.6	170.9	170.5	170.5	169.8	168.1	168.1	

DEPTH	3080.0		TILT		36		VOS		5963.00
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21	
0	166.9	166.9	166.9	163.4	163.4	162.4	162.6	162.6	
24	163.0	165.0	167.7	173.6	185.0	187.4	188.6	188.6	
48	190.9	199.2	199.2	202.3	204.7	209.9	211.0	207.9	
72	207.3	209.2	210.4	211.8	215.7	225.2	227.3	226.8	
96	223.6	229.1	235.6	237.1	234.3	234.8	234.8	235.8	
120	235.8	222.0	216.9	219.0	219.7	222.5	227.1	218.7	
144	201.7	201.6	220.1	209.8	277.5	274.8	276.0	268.3	
168	277.5	270.4	276.4	279.2	279.1	270.8	274.8	273.2	
192	267.4	274.5	265.3	258.0	262.2	262.1	262.6	258.4	
216	264.6	268.1	273.8	278.7	281.8	290.6	288.8	283.4	
240	276.3	278.5	281.9	283.4	280.2	273.8	266.9	261.4	
264	257.4	241.5	231.0	222.8	217.4	210.6	210.6	211.4	
288	210.2	205.5	202.7	197.2	196.0	194.1	189.4	189.0	
312	183.8	183.6	179.5	176.8	175.6	174.4	173.2	172.0	
336	171.6	171.3	170.9	169.7	170.5	169.2	168.5	167.3	



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WALL RANGES VS DEPTH

DEPTH	3080.0			TILT	33	VOS			5963.00
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21	
0	168.9	168.1	81.0	79.0	74.8	61.2	164.8	56.6	
24	165.3	166.9	167.7	169.7	176.2	181.5	182.6	182.0	
48	181.5	190.4	195.9	194.7	194.1	198.4	198.4	200.3	
72	198.9	197.4	203.0	205.1	206.3	214.2	218.5	218.7	
96	217.6	219.1	225.0	218.6	217.9	218.4	217.8	222.9	
120	214.0	206.3	207.6	206.3	208.2	205.9	211.3	197.1	
144	194.9	191.0	199.2	203.5	225.9	223.6	219.7	211.4	
168	244.2	245.5	235.4	231.7	235.5	231.9	227.6	227.9	
192	229.9	228.7	231.9	233.0	240.7	241.0	246.8	251.5	
216	257.4	262.6	265.3	276.3	277.9	277.5	280.7	277.9	
240	266.5	261.8	261.4	256.7	269.2	260.7	257.0	256.7	
264	238.6	236.2	234.6	222.8	218.4	210.6	206.3	208.1	
288	209.0	207.9	202.3	198.4	197.2	194.1	188.8	187.8	
312	185.4	183.1	77.8	78.7	79.9	174.9	174.9	171.6	
336	84.7	86.5	64.7	80.5	64.7	62.2	170.1	169.7	

DEPTH	3080.0			TILT	30	VOS			5963.00
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21	
0	85.1	74.5	64.6	71.8	66.0	60.7	55.9	53.6	
24	169.3	166.9	168.1	169.7	174.2	81.1	75.6	75.2	
48	176.4	74.8	74.4	187.2	187.4	186.1	194.5	194.9	
72	191.5	191.0	192.8	196.8	200.0	207.5	209.8	210.9	
96	211.0	211.9	212.3	211.4	211.4	206.4	205.1	209.3	
120	205.7	200.0	202.3	206.7	206.7	201.0	201.1	194.6	
144	188.6	184.0	190.3	197.8	205.1	207.1	207.1	202.7	
168	213.8	215.7	215.7	215.6	224.7	216.0	219.7	220.7	
192	224.0	222.3	224.2	228.4	232.7	235.4	243.3	246.8	
216	251.2	257.2	260.8	267.1	273.4	273.5	272.3	264.7	
240	255.7	255.9	252.4	248.8	244.1	242.9	242.5	241.3	
264	231.9	232.3	232.3	226.4	214.3	173.0	172.0	206.9	
288	208.2	207.9	203.7	200.8	122.1	195.5	69.3	76.8	
312	91.0	91.0	182.6	75.9	76.2	81.0	67.0	71.7	
336	78.0	60.3	61.5	77.6	61.2	59.2	59.8	172.0	

DEPTH	3080.0			TILT	27	VOS			5963.00
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21	
0	80.7	70.7	59.9	61.1	61.1	59.9	53.6	52.0	
24	50.8	78.8	67.4	67.4	61.5	76.0	72.8	64.5	
48	78.6	73.7	73.7	83.9	181.5	187.4	188.6	190.3	
72	186.6	186.6	187.0	189.8	190.5	198.0	203.9	204.4	
96	205.3	206.7	205.5	204.3	203.1	198.7	198.0	196.3	
120	196.6	197.9	197.6	199.0	196.8	191.7	189.0	187.8	
144	181.1	180.3	183.2	190.5	198.9	200.7	200.4	196.1	
168	212.5	204.1	205.6	205.6	213.1	206.6	211.1	212.8	
192	216.1	213.8	218.1	220.8	226.7	232.4	237.0	242.4	
216	246.1	250.4	255.3	262.1	267.4	268.0	266.1	266.5	
240	255.9	249.6	245.6	244.1	238.9	240.9	239.7	237.8	
264	232.3	225.6	225.6	193.0	130.4	125.6	153.2	107.9	
288	89.8	89.5	91.5	109.2	102.0	104.4	69.3	74.4	
312	86.8	71.7	71.3	73.3	74.1	60.4	63.2	70.7	
336	72.9	55.7	58.9	76.0	59.1	55.9	56.6	80.7	



CUSTOMER : Westlake US 2, LLC
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WALL RANGES VS DEPTH

DEPTH	3080.0			TILT	24	VOS			5963.00
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21	
0	71.2	66.6	58.6	60.0	59.7	57.1	51.8	50.1	
24	50.4	76.1	65.5	64.2	58.3	74.0	70.9	62.5	
48	169.6	71.7	71.7	181.1	184.5	187.4	187.4	185.4	
72	186.6	186.6	188.6	190.1	190.1	192.5	197.7	199.0	
96	199.6	200.8	202.1	200.0	196.8	195.4	194.5	192.9	
120	188.4	188.2	191.7	191.7	191.7	187.3	182.6	178.7	
144	178.8	173.9	177.8	185.9	192.0	193.4	196.3	188.2	
168	202.0	198.1	203.0	199.3	202.8	200.4	198.0	201.4	
192	200.0	205.8	211.7	214.9	222.4	230.0	231.5	241.3	
216	241.3	247.6	250.4	259.7	261.7	261.8	263.7	263.7	
240	252.7	242.5	240.3	238.9	238.9	235.0	234.6	234.6	
264	232.3	191.3	179.1	117.7	117.7	120.8	95.7	84.7	
288	84.7	86.6	88.5	92.9	94.9	64.2	67.0	72.1	
312	62.2	68.1	69.2	69.3	68.8	58.7	59.1	68.8	
336	50.7	52.8	56.3	72.1	59.1	54.8	55.4	53.2	

DEPTH	3080.0			TILT	21	VOS			5963.00
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21	
0	66.4	64.8	57.5	56.3	55.9	55.9	50.2	48.1	
24	48.9	65.8	63.8	62.5	56.7	71.7	69.0	60.9	
48	80.3	70.4	66.1	78.8	81.9	183.1	189.0	189.0	
72	187.8	187.4	189.8	191.7	191.7	192.9	197.2	197.2	
96	198.4	198.7	197.6	196.8	196.4	196.6	196.4	196.7	
120	192.5	187.8	189.4	190.5	189.3	188.8	178.7	174.9	
144	175.5	175.4	175.9	176.8	183.8	184.2	189.6	182.1	
168	184.2	194.1	194.1	192.6	195.7	195.3	196.0	198.8	
192	201.9	205.5	208.9	213.8	219.2	223.2	230.4	233.4	
216	238.5	242.6	248.6	254.8	258.5	261.0	257.0	259.0	
240	246.8	241.3	235.0	234.6	234.6	233.4	233.0	232.2	
264	174.4	170.4	110.7	111.4	115.7	119.8	93.5	80.9	
288	82.7	84.8	85.5	82.7	64.2	62.6	65.4	68.7	
312	58.4	65.8	66.2	66.7	51.3	55.5	56.7	67.0	
336	48.0	50.8	54.8	69.3	57.8	52.0	52.8	52.0	

DEPTH	3080.0			TILT	18	VOS			5963.00
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21	
0	62.2	62.3	55.3	51.2	53.3	50.4	48.1	47.1	
24	47.7	62.5	61.5	61.9	55.2	63.2	65.4	59.6	
48	78.8	68.1	64.4	64.4	80.7	76.4	187.4	188.6	
72	188.2	189.8	194.7	199.8	199.8	201.1	194.5	196.8	
96	198.4	202.5	203.4	210.3	207.7	206.5	205.9	207.5	
120	206.8	206.2	206.7	211.0	202.8	201.2	199.1	190.8	
144	175.2	175.6	180.3	181.5	181.9	180.7	185.2	180.1	
168	183.1	187.0	190.5	189.4	193.1	193.4	196.0	197.2	
192	199.4	206.7	209.3	213.4	216.9	222.7	222.8	234.2	
216	237.8	240.5	245.2	251.4	253.1	255.8	256.3	248.3	
240	247.3	239.3	235.0	232.6	233.4	233.8	231.9	231.5	
264	155.5	149.9	107.9	112.0	86.2	99.7	78.0	78.0	
288	80.7	83.9	79.2	81.5	61.8	61.5	64.6	66.0	
312	56.9	62.2	63.1	63.4	49.2	53.3	53.7	55.8	
336	46.2	47.3	52.8	65.6	55.2	50.9	50.4	50.0	



CUSTOMER : Westlake US 2, LLC
 DATE : August 05, 2025

CAVERN : PPG No. 007B
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WALL RANGES VS DEPTH

DEPTH	3080.0			TILT	15	VOS			5963.00
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21	
0	59.8	60.7	54.3	50.0	50.0	50.0	45.7	45.3	
24	46.5	59.9	59.2	60.3	52.8	52.8	65.8	58.5	
48	78.5	67.7	63.0	63.4	74.4	74.4	85.9	197.7	
72	198.8	196.5	196.8	200.4	200.4	202.1	202.6	202.0	
96	203.6	206.2	209.7	215.6	216.4	215.2	209.6	217.8	
120	225.9	225.6	228.7	236.9	226.2	225.2	213.8	214.2	
144	208.2	202.3	187.2	187.1	187.3	180.7	187.9	179.9	
168	180.7	186.4	189.9	192.4	192.1	195.7	196.4	199.3	
192	201.2	203.7	212.3	213.8	216.9	217.3	224.1	231.7	
216	235.1	236.7	248.8	247.7	250.2	253.1	253.9	252.4	
240	245.6	237.8	238.6	230.9	232.6	232.0	192.4	232.3	
264	159.4	136.6	107.1	111.6	111.8	85.9	75.2	75.7	
288	78.7	78.8	75.2	75.1	57.7	61.1	64.2	65.0	
312	54.7	61.0	60.8	60.4	48.4	51.8	52.0	52.4	
336	44.7	45.3	50.9	62.2	54.6	49.0	48.4	48.2	

DEPTH	3080.0			TILT	12	VOS			5963.00
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21	
0	59.1	59.7	54.3	46.5	50.0	47.8	44.1	44.7	
24	45.5	45.7	57.9	57.9	52.4	51.5	65.8	57.5	
48	75.7	67.1	63.8	63.0	73.9	74.0	84.3	215.2	
72	218.2	223.8	226.2	229.5	227.6	232.9	233.8	234.3	
96	234.3	232.4	230.7	239.5	239.6	222.4	229.3	232.4	
120	234.9	228.7	235.2	243.3	243.6	224.8	234.2	233.8	
144	234.9	243.4	214.5	213.9	207.5	214.5	215.0	215.0	
168	211.1	211.9	212.5	218.5	218.8	203.5	203.5	204.7	
192	206.3	208.6	210.9	214.4	216.3	220.5	223.6	231.9	
216	233.4	238.2	245.0	247.5	248.9	255.5	255.1	253.5	
240	246.8	239.3	239.9	238.0	233.4	231.9	231.9	186.1	
264	153.0	127.3	106.7	111.0	110.2	84.1	74.6	74.8	
288	78.4	74.4	72.5	73.6	57.9	60.7	63.0	53.2	
312	53.6	55.2	54.4	56.9	47.8	47.7	50.8	46.1	
336	43.3	44.5	49.9	59.3	52.0	47.0	47.0	46.9	

DEPTH	3080.0			TILT	9	VOS			5963.00
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21	
0	55.9	57.7	54.4	45.7	49.6	44.9	44.1	43.7	
24	44.9	44.9	56.7	56.9	50.8	49.6	64.6	57.2	
48	54.8	65.4	64.2	65.0	73.6	73.3	83.2	83.2	
72	224.2	227.0	231.8	233.4	233.7	234.7	239.8	241.7	
96	242.7	246.8	250.4	255.6	257.8	261.8	268.9	273.6	
120	276.7	281.3	268.7	271.4	267.9	286.1	279.7	289.4	
144	284.5	306.2	273.9	269.0	265.2	268.0	267.7	268.0	
168	267.4	268.9	271.2	300.9	302.4	253.5	254.1	254.9	
192	249.0	251.1	251.5	250.7	249.9	262.3	265.2	271.6	
216	261.2	270.8	264.5	256.4	220.8	192.4	209.5	211.4	
240	280.7	275.6	273.6	269.6	270.8	261.8	258.0	172.0	
264	151.4	122.6	105.9	105.0	83.9	82.4	74.4	74.6	
288	76.4	72.1	70.6	71.5	60.7	60.7	60.2	50.8	
312	52.4	54.0	53.6	53.4	46.1	46.5	49.6	45.5	
336	43.3	43.7	47.7	53.3	49.6	46.1	46.1	46.9	



CUSTOMER : Westlake US 2, LLC

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**WALL RANGES VS DEPTH**

DEPTH	3080.0			TILT	8	VOS			5963.00
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21	
0	55.2	56.5	54.4	45.7	49.3	44.9	44.1	43.7	
24	44.9	44.5	56.7	56.5	50.4	49.6	64.2	57.1	
48	54.8	65.1	64.6	65.7	73.3	73.3	83.1	83.1	
72	225.9	229.2	231.1	233.4	234.2	238.9	240.9	242.5	
96	245.8	249.9	252.3	257.8	258.7	262.7	272.6	276.4	
120	282.2	285.5	287.9	292.5	286.2	314.9	299.2	314.5	
144	306.2	306.2	301.9	294.4	292.5	292.5	291.7	292.1	
168	293.7	295.6	298.8	300.7	302.1	276.2	277.2	277.7	
192	275.6	279.4	279.8	278.0	276.5	281.7	282.8	295.2	
216	277.3	290.5	207.5	207.4	219.1	179.2	196.3	207.9	
240	211.9	213.4	273.5	269.6	275.4	271.2	185.8	172.0	
264	150.6	123.2	105.9	96.4	83.9	81.9	73.8	74.4	
288	75.6	69.9	70.0	70.8	60.7	60.7	59.8	50.4	
312	52.4	54.0	52.0	53.2	44.9	46.5	49.6	45.3	
336	43.3	44.1	47.7	50.7	48.3	46.1	45.7	46.9	

DEPTH	3080.0			TILT	7	VOS			5963.00
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21	
0	54.4	55.0	53.2	45.5	48.9	44.5	44.5	43.4	
24	44.5	44.5	56.3	56.2	50.4	49.3	63.8	57.5	
48	53.6	64.7	64.6	66.4	73.3	73.3	83.0	83.1	
72	227.5	231.9	233.0	235.4	235.8	240.9	246.3	250.1	
96	252.4	252.5	257.0	264.1	264.4	267.9	276.7	279.9	
120	283.7	289.5	294.7	297.1	307.2	316.3	314.9	314.5	
144	305.5	305.3	301.9	297.4	293.2	292.5	292.3	293.1	
168	294.8	297.4	299.9	300.7	303.9	303.5	305.1	305.1	
192	308.6	314.9	315.3	312.0	309.4	304.3	303.1	298.5	
216	295.6	296.7	206.7	204.4	173.6	173.6	189.4	204.6	
240	201.3	208.8	273.1	214.5	212.3	200.7	185.8	172.0	
264	149.0	121.3	105.9	95.8	83.5	79.9	73.7	74.4	
288	75.6	69.7	67.4	65.9	60.2	60.2	59.4	50.4	
312	52.0	49.6	52.0	52.3	43.7	46.5	47.8	45.0	
336	43.5	44.1	47.7	47.7	47.0	44.1	45.7	46.2	

DEPTH	3080.0			TILT	6	VOS			5963.00
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21	
0	53.6	53.2	52.0	45.2	47.8	44.1	44.5	43.1	
24	44.5	44.5	56.3	56.0	50.4	49.1	63.8	55.9	
48	53.6	64.3	64.2	67.2	73.3	73.3	83.1	83.1	
72	231.5	240.1	237.7	237.7	239.8	246.7	250.8	253.5	
96	256.4	256.8	262.1	267.9	270.2	273.6	279.9	282.2	
120	285.8	290.7	296.2	299.3	308.6	315.7	315.3	315.2	
144	305.0	305.0	302.3	296.5	292.2	291.9	292.7	292.5	
168	293.7	296.6	298.9	300.4	303.5	303.5	305.1	305.1	
192	311.2	316.5	316.7	314.9	309.4	305.5	303.7	299.4	
216	297.2	190.0	191.4	177.9	173.6	173.6	181.5	195.4	
240	191.9	206.5	207.4	211.1	189.6	196.0	185.8	172.4	
264	149.0	105.1	102.6	94.9	82.7	79.9	73.3	73.7	
288	75.6	69.7	65.0	63.0	59.7	59.7	57.6	50.4	
312	52.0	49.7	49.6	51.5	43.0	46.5	46.1	45.0	
336	43.4	43.8	47.7	46.5	46.5	42.2	45.6	45.6	



CUSTOMER : Westlake US 2, LLC

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DATE : August 05, 2025

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**WALL RANGES VS DEPTH**

DEPTH	3080.0			TILT	3	VOS			5963.00
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21	
0	50.2	50.2	50.5	44.3	44.7	43.6	43.0	42.7	
24	44.0	44.0	56.4	54.7	48.8	48.1	60.6	53.3	
48	53.3	53.1	63.7	65.3	72.6	72.6	84.1	87.6	
72	237.7	241.0	248.4	247.2	250.7	250.4	253.7	257.4	
96	262.9	264.6	269.8	272.6	275.7	281.7	282.3	284.8	
120	288.8	294.7	296.5	307.5	308.9	313.2	311.3	312.4	
144	307.9	301.6	300.3	294.8	291.6	291.3	293.0	295.1	
168	296.2	296.1	298.9	298.9	300.9	302.0	302.0	304.1	
192	308.6	320.0	319.6	324.1	324.1	320.7	312.8	203.9	
216	182.8	183.0	182.3	169.5	172.7	173.9	168.0	166.8	
240	78.2	142.5	142.2	157.9	156.4	148.8	148.9	174.0	
264	149.4	93.0	84.4	82.1	80.7	72.5	70.8	71.3	
288	68.2	63.7	63.0	58.0	56.1	54.4	48.8	48.8	
312	49.9	47.1	45.8	42.2	42.6	45.7	43.3	44.1	
336	42.3	42.6	43.6	44.0	43.3	40.5	45.4	44.7	

DEPTH	3084.9			TILT	0	VOS			5963.00
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21	
0	40.4	42.0	41.7	42.2	41.9	41.9	40.8	39.1	
24	43.6	43.3	43.3	45.9	47.8	47.4	58.9	60.8	
48	51.8	50.7	62.3	66.1	70.7	70.6	83.4	94.9	
72	127.7	240.9	247.6	248.4	138.8	256.3	258.1	260.8	
96	261.9	265.2	268.2	275.3	277.0	282.3	285.2	289.9	
120	290.9	295.1	303.4	306.5	307.9	313.4	311.0	311.0	
144	307.5	305.4	305.4	302.7	302.7	300.3	297.1	298.9	
168	301.9	307.5	305.8	305.4	306.8	311.7	310.9	314.5	
192	320.9	321.0	322.2	321.7	320.5	178.0	176.2	175.2	
216	170.7	75.8	75.1	75.6	59.2	63.7	64.3	65.0	
240	65.8	65.8	67.8	72.3	114.1	115.5	120.1	138.7	
264	143.2	78.2	76.5	64.0	60.9	58.9	57.1	54.4	
288	52.2	50.6	47.4	45.7	44.7	44.3	39.8	39.8	
312	37.8	37.8	37.1	35.0	34.3	33.9	33.3	33.3	
336	33.3	33.3	32.9	33.6	32.9	34.6	36.4	38.8	

DEPTH	3089.9			TILT	0	VOS			5963.00
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21	
0	29.5	31.9	32.9	33.9	33.6	33.6	36.7	37.8	
24	38.8	41.2	41.9	41.8	46.7	47.1	57.4	51.9	
48	52.3	50.6	62.4	64.8	69.7	71.3	83.4	102.4	
72	118.4	126.4	139.0	140.4	136.5	18.7	18.0	17.3	
96	17.0	17.3	17.3	20.5	23.3	279.3	283.5	290.6	
120	292.3	295.8	304.1	304.8	305.8	313.7	311.7	311.0	
144	307.2	305.1	305.1	302.3	302.7	299.9	299.2	299.2	
168	304.1	306.8	306.8	305.1	308.2	309.2	309.2	312.7	
192	317.2	54.4	47.7	45.6	45.6	44.1	43.8	44.4	
216	47.9	47.7	50.0	50.9	49.5	49.5	50.4	52.2	
240	53.3	57.5	58.6	45.9	43.8	42.6	47.2	95.9	
264	139.0	76.3	58.6	14.0	11.2	11.2	11.2	11.2	
288	41.7	18.4	12.4	12.6	11.8	32.8	31.6	32.0	
312	31.8	30.5	30.0	28.5	28.2	28.0	26.3	27.0	
336	26.0	25.6	26.0	26.0	25.3	26.0	26.7	28.1	



CUSTOMER : Westlake US 2, LLC
DATE : August 05, 2025

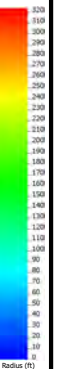
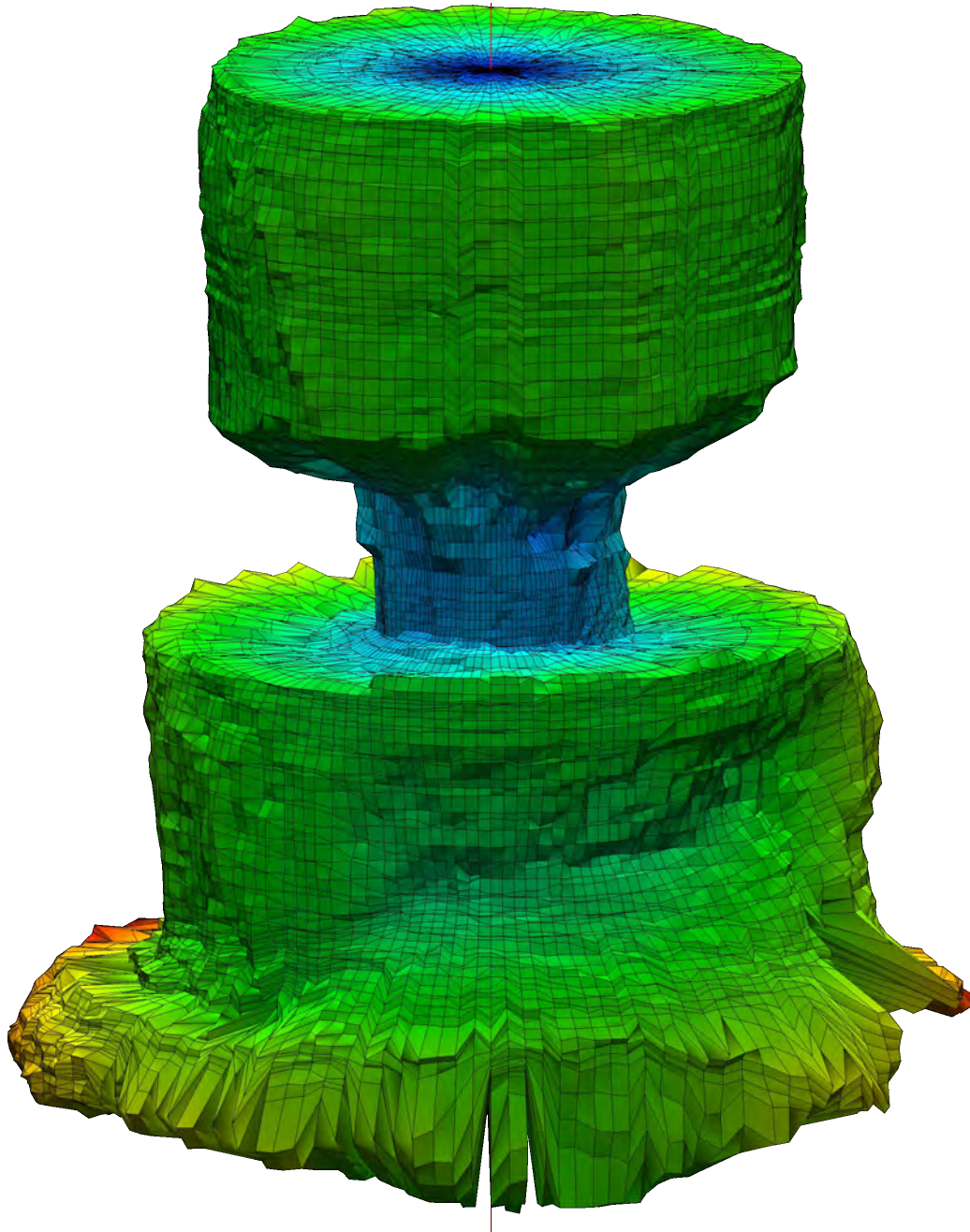
CAVERN : PPG No. 007B
OPERATION No. : 12



VIEW FROM NORTH

with an overhang of 10°

SCALE 1/100





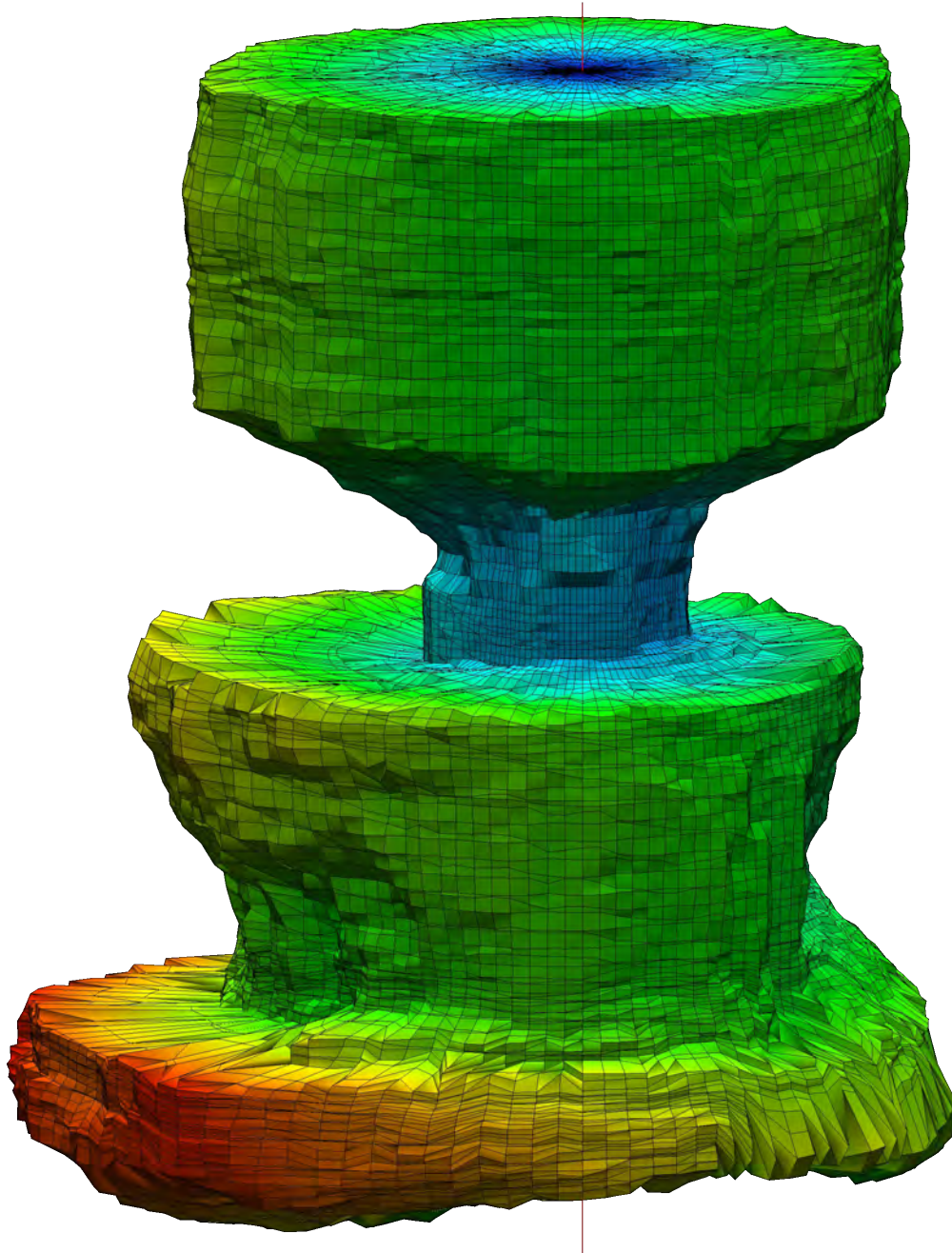
CUSTOMER : Westlake US 2, LLC
DATE : August 05, 2025

CAVERN : PPG No. 007B
OPERATION No. : 12



VIEW FROM EAST
with an overhang of 10°

SCALE 1/100





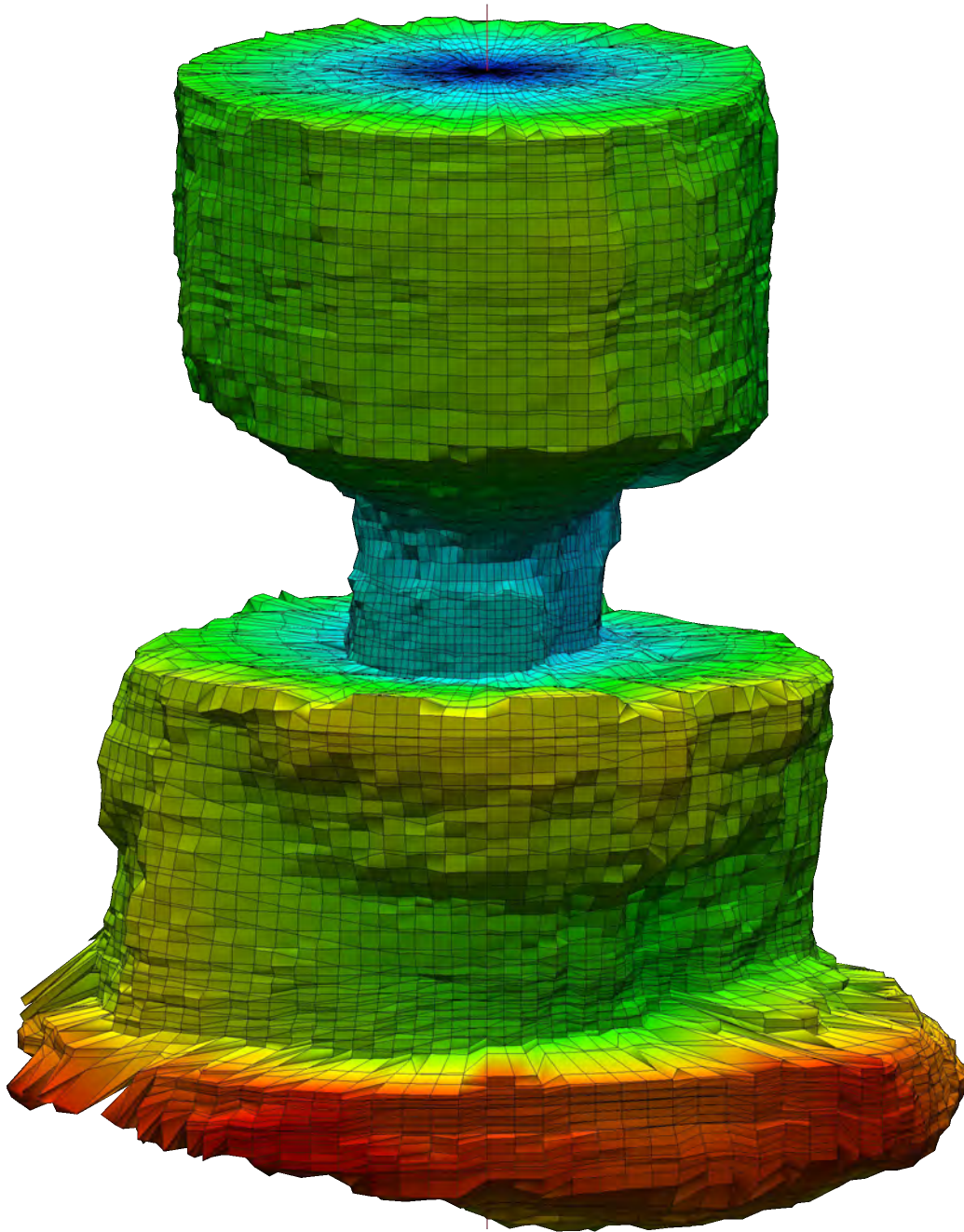
CUSTOMER : Westlake US 2, LLC
DATE : August 05, 2025

CAVERN : PPG No. 007B
OPERATION No. : 12



VIEW FROM SOUTH
with an overhang of 10°

SCALE 1/100





CUSTOMER : Westlake US 2, LLC
DATE : August 05, 2025

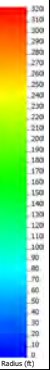
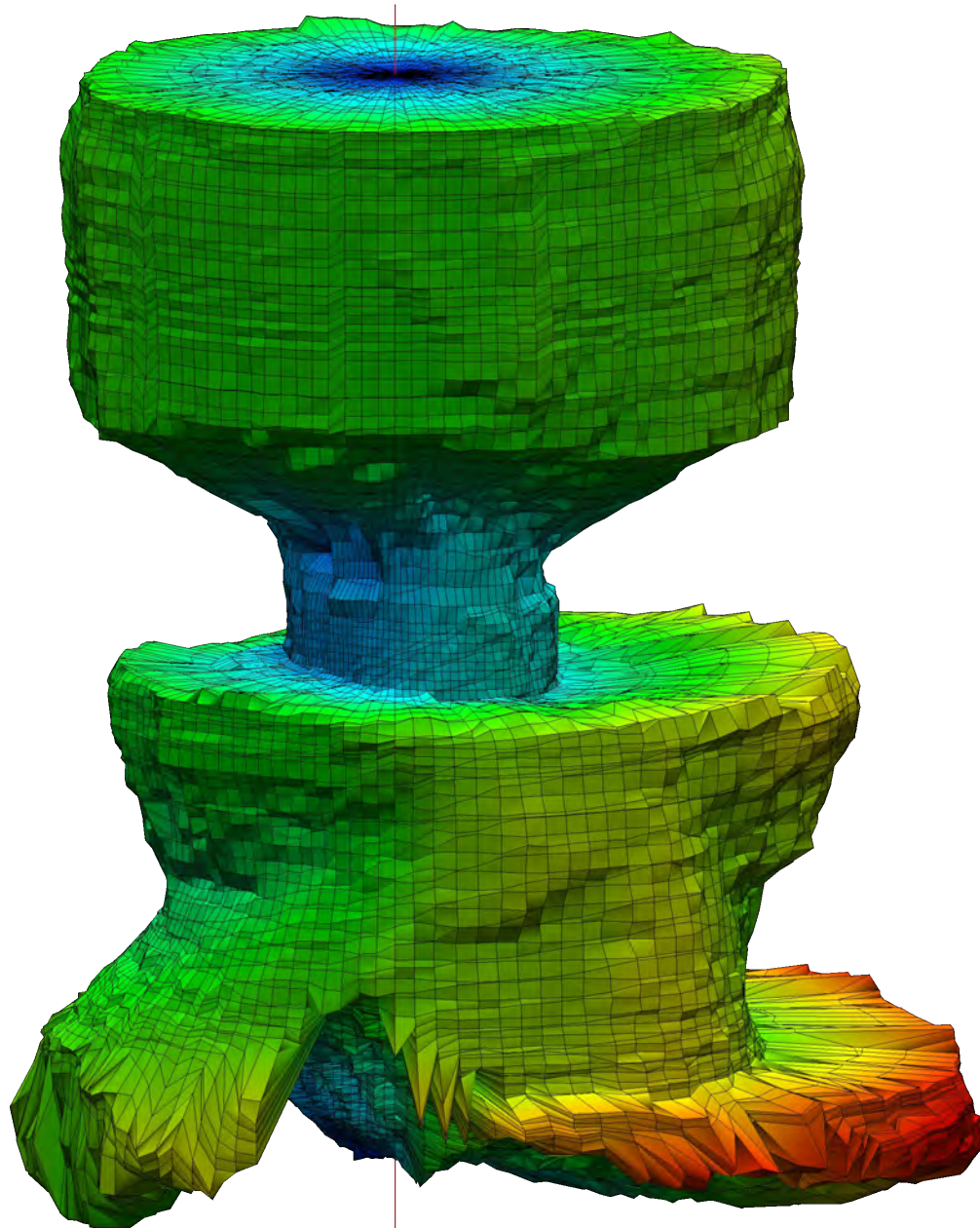
CAVERN : PPG No. 007B
OPERATION No. : 12



VIEW FROM WEST

with an overhang of 10°

SCALE 1/100





CUSTOMER : Westlake US 2, LLC
DATE : August 05, 2025

CAVERN : PPG No. 007B
OPERATION No. : 12



VIEW FROM NORTH

2380 ft

SCALE 1/100

2480 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)

2580 ft

2680 ft

2780 ft

Depth (MD)

2880 ft

2980 ft

3080 ft

T.D. @ 3097.73 ft (MD)

3180 ft

3280 ft

300 ft

200 ft

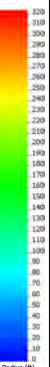
100 ft

0 ft

100 ft

200 ft

300 ft





CUSTOMER : Westlake US 2, LLC
DATE : August 05, 2025

CAVERN : PPG No. 007B
OPERATION No. : 12



VIEW FROM EAST

2380 ft

SCALE 1/100

2480 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)

2580 ft

2680 ft

2780 ft

Depth (MD)

2880 ft

2980 ft

3080 ft

T.D. @ 3097.73 ft (MD)

3180 ft

3280 ft

300 ft

200 ft

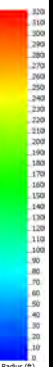
100 ft

0 ft

100 ft

200 ft

300 ft





CUSTOMER : Westlake US 2, LLC
DATE : August 05, 2025

CAVERN : PPG No. 007B
OPERATION No. : 12



VIEW FROM SOUTH

2380 ft

SCALE 1/100

2480 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)

2580 ft

2680 ft

2780 ft

Depth (MD)

2880 ft

2980 ft

3080 ft

T.D. @ 3097.73 ft (MD)

3180 ft

3280 ft

300 ft

200 ft

100 ft

0 ft

100 ft

200 ft

300 ft





CUSTOMER : Westlake US 2, LLC
DATE : August 05, 2025

CAVERN : PPG No. 007B
OPERATION No. : 12



VIEW FROM WEST

2380 ft

SCALE 1/100

2480 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)

2580 ft

2680 ft

2780 ft

Depth (MD)

2880 ft

2980 ft

3080 ft

T.D. @ 3097.73 ft (MD)

3180 ft

3280 ft

300 ft

200 ft

100 ft

0 ft

100 ft

200 ft

300 ft

