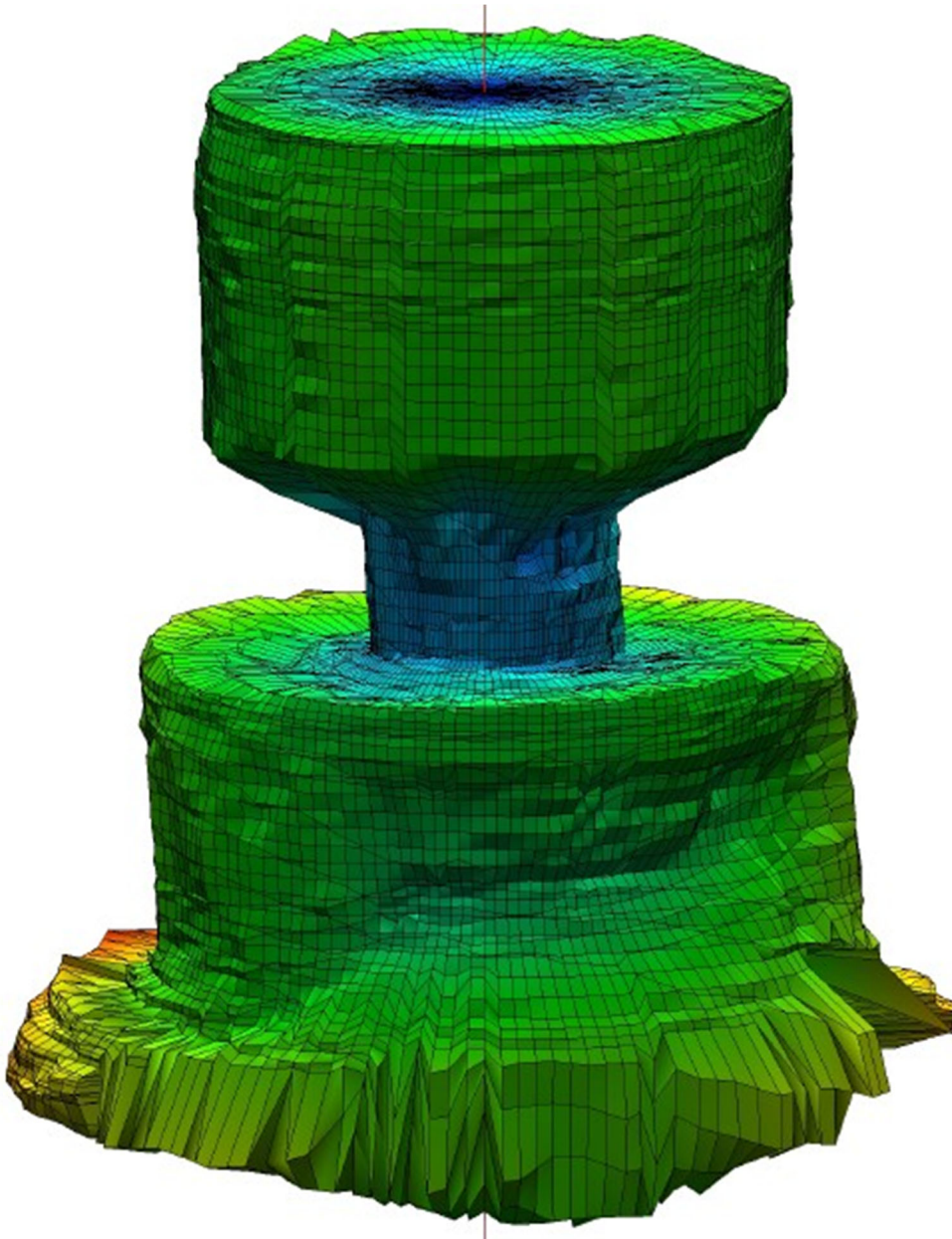


**Sonar Survey Report**  
**Eagle US 2, LLC**  
**PPG No. 007-B**  
**Sulphur**  
**Calcasieu Parish, Louisiana**  
**November 2, 2022**



Survey Conducted by: Richard Lawrence  
Company Representative: Mr. Cayden Sessions

*Serving the Storage Well Industry Since 1978*

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## Well Information

Company: Eagle US 2, LLC  
State: Louisiana  
Parish: Iberville  
Field: Sulphur  
Well: PPG No. 007-B  
API No.: 17-019-04012  
Serial No.: 67270

Cemented Casing: 7-5/8" @ 2501'  
Hanging String: 5-1/2" @ 2607'  
Total Depth: 3100.5'

Permanent Datum: BHF 0'  
Depth Correction: -6.92'

Total Volume BBL: 9,836,862.13  
Total Volume Ft<sup>3</sup>: 55,229,882.17

All Sections are orientated to Magnetic North.

Tool was bumping on the end of the 5-1/2" tubing when we pulled up inside the tubing.

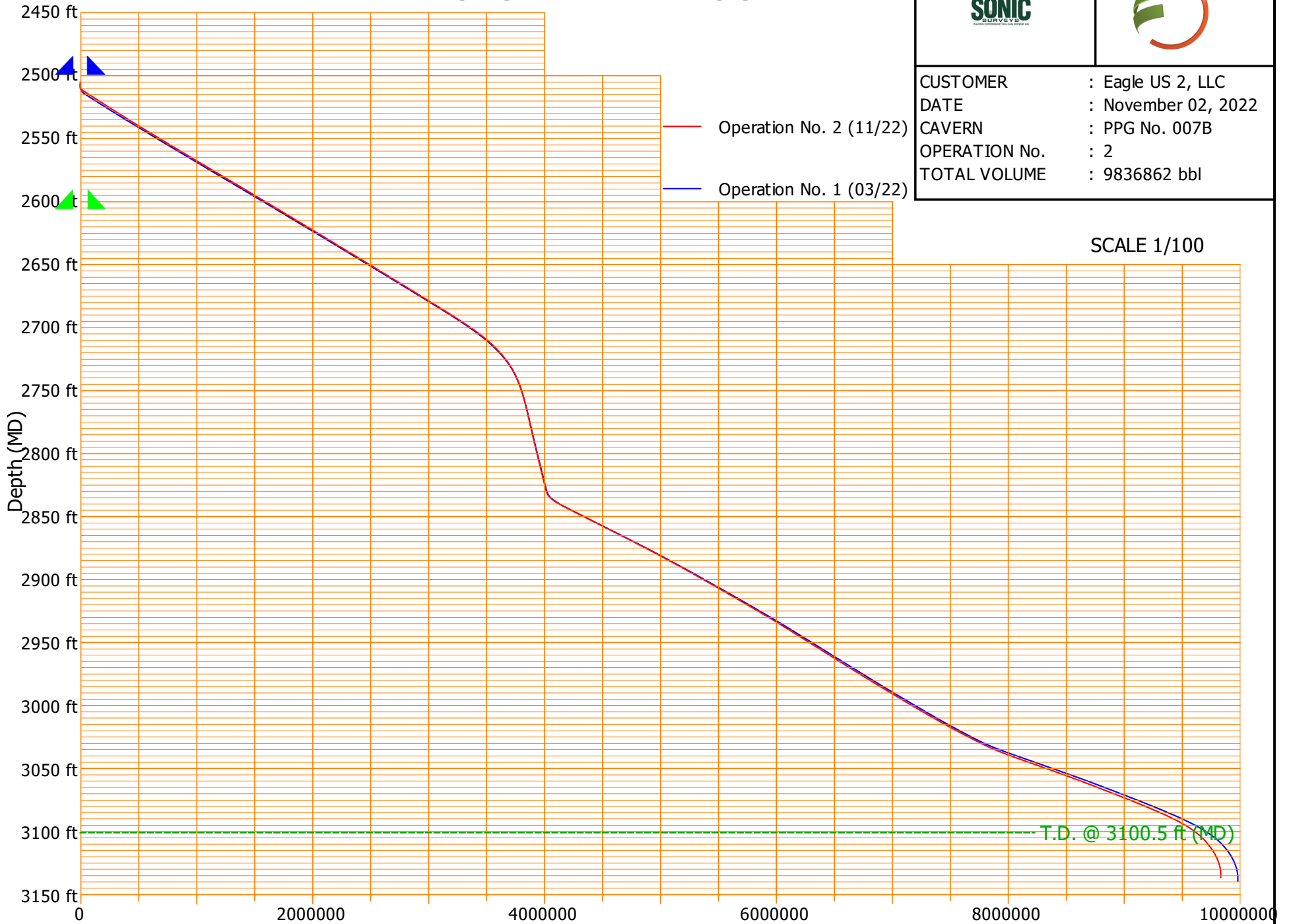
## List of Acquired Measurements

- Oriented circular horizontal sections from 2515 ft to 2516 ft, with a step of 1 foot.
- Oriented circular horizontal sections from 2518 ft to 2520 ft, with a step of 2 feet.
- Oriented circular horizontal sections from 2530 ft to 2600 ft, with a step of 10 feet.
- Oriented circular horizontal sections from 2605 ft to 2620 ft, with a step of 5 feet.
- Oriented circular horizontal sections from 2630 ft to 3010 ft, with a step of 10 feet.
- Oriented circular horizontal sections from 3015 ft to 3095 ft, with a step of 5 feet.
- Up-tilted orientated circular sections from 2615 ft 5°, 10°, 15°, 20°, 25°, 30°, 35°, 40°, 45°, 50°, 55°, 60°, 65°, 70°, 75°, 80°, 85°, 89° with respect to the horizontal.
- Down-tilted orientated circular sections from 2900 ft -20°, -25°, -30°, -35°, -40°, -45°, -50°, -55°, -60°, -65° with respect to the horizontal.
- Up-tilted orientated circular sections from 2920 ft 15°, 20°, 25°, 30°, 35°, 40°, 45°, 50°, 55°, 60°, 65°, 70°, 75° with respect to the horizontal.
- Up-tilted orientated circular sections from 3080 ft 3°, 6°, 8°, 9°, 10°, 11°, 12°, 15°, 18°, 21°, 24°, 27°, 30°, 35°, 40°, 45°, 50°, 55°, 60°, 65° with respect to the horizontal.
- Down-tilted orientated circular sections from 3050 ft -3°, -6°, -9°, -12°, -15°, -18°, -21°, -24°, -27°, -30°, -33°, -36°, -39°, -42°, -45°, -48°, -51°, -54°, -57°, -60°, -63°, -66°, -69°, -72°, -75°, -78°, -81°, -84°, -87° with respect to the horizontal.
- 1 complimentary measurement to determine the cavity floor depth.

# TOTAL VOLUME (bbl) VERSUS DEPTH (ft)



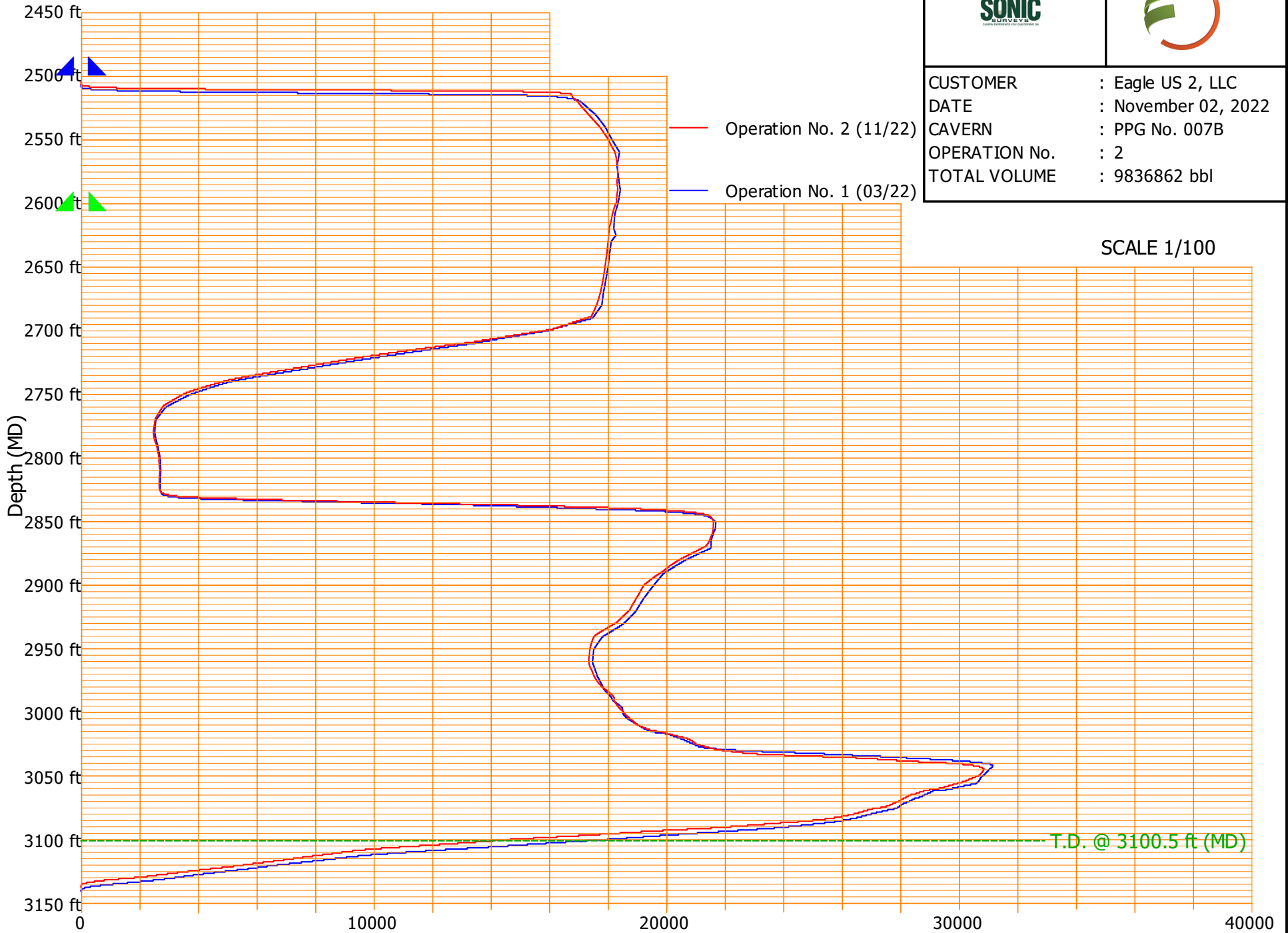
CUSTOMER	: Eagle US 2, LLC
DATE	: November 02, 2022
CAVERN	: PPG No. 007B
OPERATION No.	: 2
TOTAL VOLUME	: 9836862 bbl



# PARTIAL VOLUME (bbl) VERSUS DEPTH EACH 1 ft



CUSTOMER	: Eagle US 2, LLC
DATE	: November 02, 2022
CAVERN	: PPG No. 007B
OPERATION No.	: 2
TOTAL VOLUME	: 9836862 bbl



SCALE 1/100

T.D. @ 3100.5 ft (MD)



CUSTOMER : Eagle US 2, LLC  
DATE : November 02, 2022

CAVERN : PPG No. 007B  
OPERATION No. : 2



### MEAN RADIUS



SCALE 1/125













CUSTOMER : Eagle US 2, LLC  
 DATE : November 02, 2022

CAVERN : PPG No. 007B  
 OPERATION No. : 2

4



**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 (°)
2615.00	1860939.56	18109.42	-	-	-	-	-	-	-	-	-
2616.00	1879036.82	18097.26	-	-	-	-	-	-	-	-	-
2617.00	1897121.62	18084.79	-	-	-	-	-	-	-	-	-
2618.00	1915193.63	18072.01	-	-	-	-	-	-	-	-	-
2619.00	1933252.54	18058.92	-	-	-	-	-	-	-	-	-
<b>2620.00</b>	<b>1951304.98</b>	<b>18052.44</b>	<b>101378.36</b>	<b>179.64</b>	<b>359.28</b>	<b>154.51</b>	<b>219.93</b>	<b>168.00</b>	<b>326.06</b>	<b>392.31</b>	<b>168.00</b>
2621.00	1969352.91	18047.93	-	-	-	-	-	-	-	-	-
2622.00	1987396.51	18043.59	-	-	-	-	-	-	-	-	-
2623.00	2005435.93	18039.43	-	-	-	-	-	-	-	-	-
2624.00	2023471.37	18035.43	-	-	-	-	-	-	-	-	-
2625.00	2041502.98	18031.61	-	-	-	-	-	-	-	-	-
2626.00	2059530.95	18027.97	-	-	-	-	-	-	-	-	-
2627.00	2077555.44	18024.49	-	-	-	-	-	-	-	-	-
2628.00	2095576.63	18021.19	-	-	-	-	-	-	-	-	-
2629.00	2113594.69	18018.06	-	-	-	-	-	-	-	-	-
<b>2630.00</b>	<b>2131608.31</b>	<b>18013.62</b>	<b>101160.28</b>	<b>179.44</b>	<b>358.89</b>	<b>153.96</b>	<b>219.38</b>	<b>168.00</b>	<b>326.06</b>	<b>391.49</b>	<b>168.00</b>
2631.00	2149617.21	18008.90	-	-	-	-	-	-	-	-	-
2632.00	2167621.41	18004.21	-	-	-	-	-	-	-	-	-
2633.00	2185620.95	17999.54	-	-	-	-	-	-	-	-	-
2634.00	2203615.84	17994.89	-	-	-	-	-	-	-	-	-
2635.00	2221606.12	17990.28	-	-	-	-	-	-	-	-	-
2636.00	2239591.81	17985.69	-	-	-	-	-	-	-	-	-
2637.00	2257572.94	17981.13	-	-	-	-	-	-	-	-	-
2638.00	2275549.53	17976.59	-	-	-	-	-	-	-	-	-
2639.00	2293521.61	17972.08	-	-	-	-	-	-	-	-	-
<b>2640.00</b>	<b>2311488.08</b>	<b>17966.47</b>	<b>100900.69</b>	<b>179.21</b>	<b>358.43</b>	<b>153.68</b>	<b>219.38</b>	<b>168.00</b>	<b>325.59</b>	<b>391.49</b>	<b>168.00</b>
2641.00	2329448.68	17960.60	-	-	-	-	-	-	-	-	-
2642.00	2347403.43	17954.75	-	-	-	-	-	-	-	-	-
2643.00	2365352.36	17948.93	-	-	-	-	-	-	-	-	-
2644.00	2383295.51	17943.14	-	-	-	-	-	-	-	-	-
2645.00	2401232.89	17937.38	-	-	-	-	-	-	-	-	-
2646.00	2419164.53	17931.64	-	-	-	-	-	-	-	-	-
2647.00	2437090.46	17925.93	-	-	-	-	-	-	-	-	-
2648.00	2455010.71	17920.25	-	-	-	-	-	-	-	-	-
2649.00	2472925.30	17914.59	-	-	-	-	-	-	-	-	-
<b>2650.00</b>	<b>2490833.70</b>	<b>17908.40</b>	<b>100576.62</b>	<b>178.93</b>	<b>357.85</b>	<b>153.96</b>	<b>219.11</b>	<b>168.00</b>	<b>324.69</b>	<b>390.94</b>	<b>168.00</b>











CUSTOMER : Eagle US 2, LLC  
 DATE : November 02, 2022

CAVERN : PPG No. 007B  
 OPERATION No. : 2

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**MAIN CHARACTERISTICS DATASHEET**

Depth (ft)	Cumulated Volume (bbl)	Volume Section (bbl)	Section Area (ft <sup>2</sup> )	Mean Radius (ft)	Mean Diameter (ft)	Min Radius (ft)	Max Radius (ft)	Max Radius Orientation (°)	Min Diameter (ft)	Max Diameter (ft)	Max Diam. Orientation (°)
2795.00	3926495.89	2626.85	-	-	-	-	-	-	-	-	-
2796.00	3929131.48	2635.58	-	-	-	-	-	-	-	-	-
2797.00	3931775.75	2644.27	-	-	-	-	-	-	-	-	-
2798.00	3934428.38	2652.64	-	-	-	-	-	-	-	-	-
2799.00	3937087.12	2658.73	-	-	-	-	-	-	-	-	-
<b>2800.00</b>	<b>3939748.43</b>	<b>2661.32</b>	<b>14933.38</b>	<b>68.95</b>	<b>137.91</b>	<b>53.48</b>	<b>93.51</b>	<b>228.00</b>	<b>120.99</b>	<b>146.99</b>	<b>48.00</b>
2801.00	3942410.06	2661.63	-	-	-	-	-	-	-	-	-
2802.00	3945072.55	2662.49	-	-	-	-	-	-	-	-	-
2803.00	3947737.25	2664.70	-	-	-	-	-	-	-	-	-
2804.00	3950405.88	2668.63	-	-	-	-	-	-	-	-	-
2805.00	3953078.79	2672.90	-	-	-	-	-	-	-	-	-
2806.00	3955756.25	2677.47	-	-	-	-	-	-	-	-	-
2807.00	3958438.89	2682.64	-	-	-	-	-	-	-	-	-
2808.00	3961127.17	2688.28	-	-	-	-	-	-	-	-	-
2809.00	3963821.48	2694.32	-	-	-	-	-	-	-	-	-
<b>2810.00</b>	<b>3966514.70</b>	<b>2693.22</b>	<b>15134.64</b>	<b>69.41</b>	<b>138.82</b>	<b>53.28</b>	<b>92.72</b>	<b>228.00</b>	<b>121.61</b>	<b>147.60</b>	<b>0.00</b>
2811.00	3969204.81	2690.11	-	-	-	-	-	-	-	-	-
2812.00	3971892.00	2687.19	-	-	-	-	-	-	-	-	-
2813.00	3974576.21	2684.21	-	-	-	-	-	-	-	-	-
2814.00	3977257.59	2681.38	-	-	-	-	-	-	-	-	-
2815.00	3979936.51	2678.92	-	-	-	-	-	-	-	-	-
2816.00	3982613.18	2676.67	-	-	-	-	-	-	-	-	-
2817.00	3985287.96	2674.78	-	-	-	-	-	-	-	-	-
2818.00	3987961.16	2673.20	-	-	-	-	-	-	-	-	-
2819.00	3990632.91	2671.76	-	-	-	-	-	-	-	-	-
<b>2820.00</b>	<b>3993302.99</b>	<b>2670.08</b>	<b>14999.14</b>	<b>69.10</b>	<b>138.19</b>	<b>53.46</b>	<b>91.49</b>	<b>233.93</b>	<b>121.20</b>	<b>147.21</b>	<b>54.00</b>
2821.00	3995973.93	2670.93	-	-	-	-	-	-	-	-	-
2822.00	3998647.10	2673.17	-	-	-	-	-	-	-	-	-
2823.00	4001323.53	2676.43	-	-	-	-	-	-	-	-	-
2824.00	4004004.33	2680.79	-	-	-	-	-	-	-	-	-
2825.00	4006695.81	2691.48	-	-	-	-	-	-	-	-	-
2826.00	4009405.99	2710.19	-	-	-	-	-	-	-	-	-
2827.00	4012149.60	2743.61	-	-	-	-	-	-	-	-	-
2828.00	4014974.83	2825.23	-	-	-	-	-	-	-	-	-
2829.00	4017961.61	2986.78	-	-	-	-	-	-	-	-	-
<b>2830.00</b>	<b>4021236.17</b>	<b>3274.56</b>	<b>17025.60</b>	<b>73.62</b>	<b>147.23</b>	<b>54.50</b>	<b>189.28</b>	<b>240.00</b>	<b>122.83</b>	<b>249.05</b>	<b>60.00</b>













CUSTOMER : Eagle US 2, LLC  
 DATE : November 02, 2022

CAVERN : PPG No. 007B  
 OPERATION No. : 2

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**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 (°)
2975.00	6737202.82	17643.41	-	-	-	-	-	-	-	-	-
2976.00	6754879.32	17676.50	-	-	-	-	-	-	-	-	-
2977.00	6772591.73	17712.40	-	-	-	-	-	-	-	-	-
2978.00	6790340.47	17748.75	-	-	-	-	-	-	-	-	-
2979.00	6808123.87	17783.40	-	-	-	-	-	-	-	-	-
<b>2980.00</b>	<b>6825959.40</b>	<b>17835.53</b>	<b>99887.24</b>	<b>178.31</b>	<b>356.62</b>	<b>128.71</b>	<b>243.91</b>	<b>234.00</b>	<b>308.14</b>	<b>410.04</b>	<b>54.00</b>
2981.00	6843851.24	17891.83	-	-	-	-	-	-	-	-	-
2982.00	6861801.13	17949.89	-	-	-	-	-	-	-	-	-
2983.00	6879808.50	18007.38	-	-	-	-	-	-	-	-	-
2984.00	6897870.21	18061.71	-	-	-	-	-	-	-	-	-
2985.00	6915982.39	18112.17	-	-	-	-	-	-	-	-	-
2986.00	6934136.36	18153.97	-	-	-	-	-	-	-	-	-
2987.00	6952330.00	18193.65	-	-	-	-	-	-	-	-	-
2988.00	6970550.45	18220.45	-	-	-	-	-	-	-	-	-
2989.00	6988765.41	18214.95	-	-	-	-	-	-	-	-	-
<b>2990.00</b>	<b>7006968.62</b>	<b>18203.21</b>	<b>102283.20</b>	<b>180.44</b>	<b>360.88</b>	<b>140.45</b>	<b>242.82</b>	<b>228.00</b>	<b>318.50</b>	<b>405.95</b>	<b>54.00</b>
2991.00	7025204.84	18236.22	-	-	-	-	-	-	-	-	-
2992.00	7043469.42	18264.58	-	-	-	-	-	-	-	-	-
2993.00	7061762.72	18293.30	-	-	-	-	-	-	-	-	-
2994.00	7080085.43	18322.71	-	-	-	-	-	-	-	-	-
2995.00	7098441.68	18356.25	-	-	-	-	-	-	-	-	-
2996.00	7116837.80	18396.12	-	-	-	-	-	-	-	-	-
2997.00	7135282.74	18444.94	-	-	-	-	-	-	-	-	-
2998.00	7153778.18	18495.43	-	-	-	-	-	-	-	-	-
2999.00	7172317.78	18539.60	-	-	-	-	-	-	-	-	-
<b>3000.00</b>	<b>7190886.56</b>	<b>18568.78</b>	<b>104126.06</b>	<b>182.06</b>	<b>364.11</b>	<b>142.58</b>	<b>244.59</b>	<b>234.00</b>	<b>327.13</b>	<b>409.10</b>	<b>54.00</b>
3001.00	7209488.09	18601.53	-	-	-	-	-	-	-	-	-
3002.00	7228136.93	18648.84	-	-	-	-	-	-	-	-	-
3003.00	7246833.42	18696.49	-	-	-	-	-	-	-	-	-
3004.00	7265582.38	18748.96	-	-	-	-	-	-	-	-	-
3005.00	7284383.52	18801.14	-	-	-	-	-	-	-	-	-
3006.00	7303239.27	18855.75	-	-	-	-	-	-	-	-	-
3007.00	7322140.98	18901.71	-	-	-	-	-	-	-	-	-
3008.00	7341088.33	18947.35	-	-	-	-	-	-	-	-	-
3009.00	7360088.07	18999.74	-	-	-	-	-	-	-	-	-
<b>3010.00</b>	<b>7379184.94</b>	<b>19096.87</b>	<b>106748.72</b>	<b>184.33</b>	<b>368.67</b>	<b>122.28</b>	<b>244.93</b>	<b>234.00</b>	<b>320.35</b>	<b>408.37</b>	<b>54.00</b>













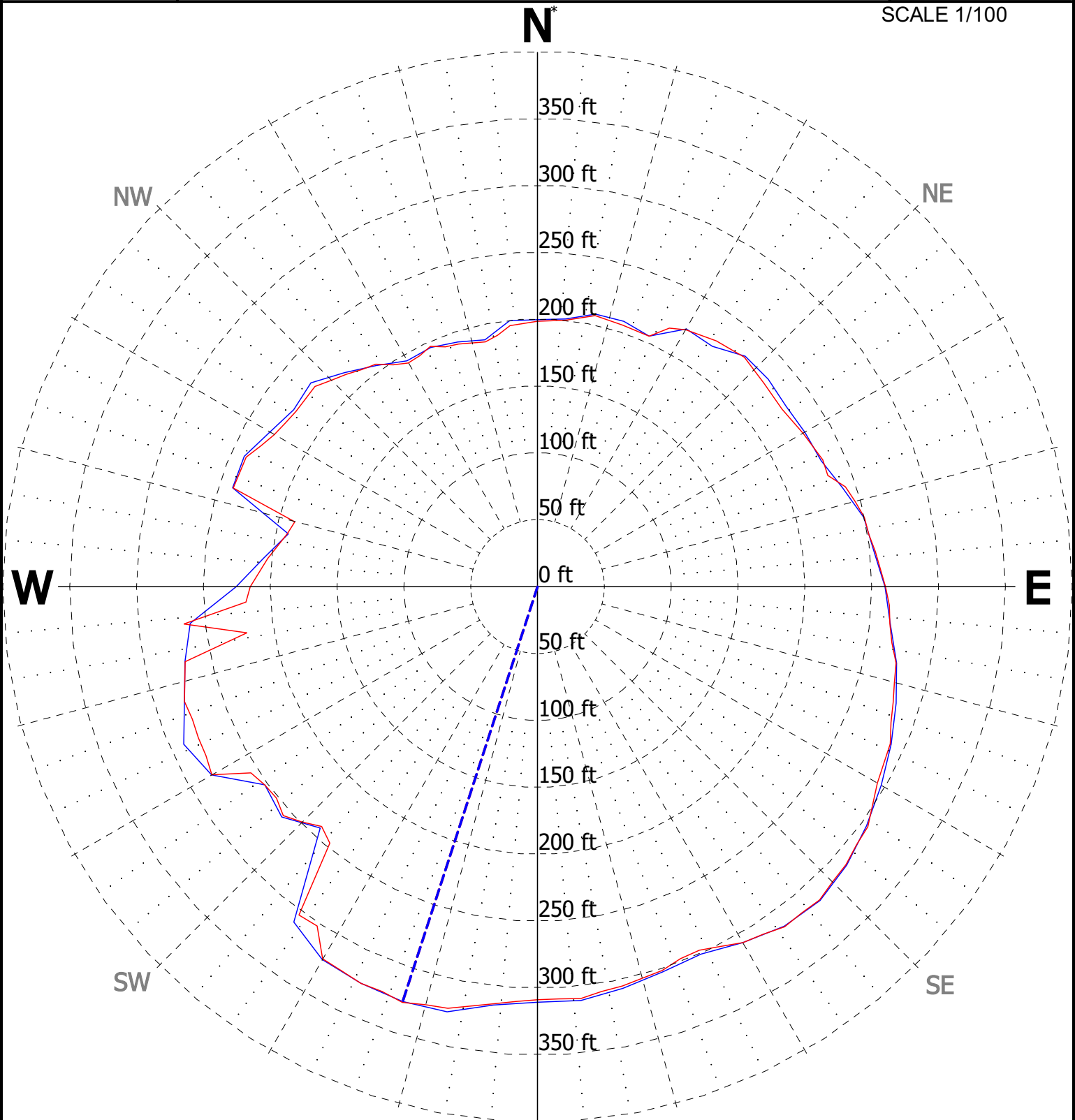
CUSTOMER : Eagle US 2, LLC  
 DATE : November 02, 2022

CAVERN : PPG No. 007B  
 OPERATION No. : 2



### MAXIMUM EXTENSION

SCALE 1/100



- Operation No. 2 (11/22)
- Operation No. 1 (03/22)

Maximum radius	: 326.80 ft
Orientation maxi. radius*	: N198
Depth maxi. radius (MD)	: 3090.05 ft
Surface	: 206740.10 ft <sup>2</sup>
Max distance between points	549.40 ft

\*All sections are oriented to Magnetic North.

Magnetic Declination= 0.8°



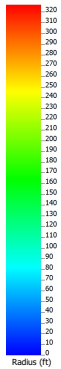
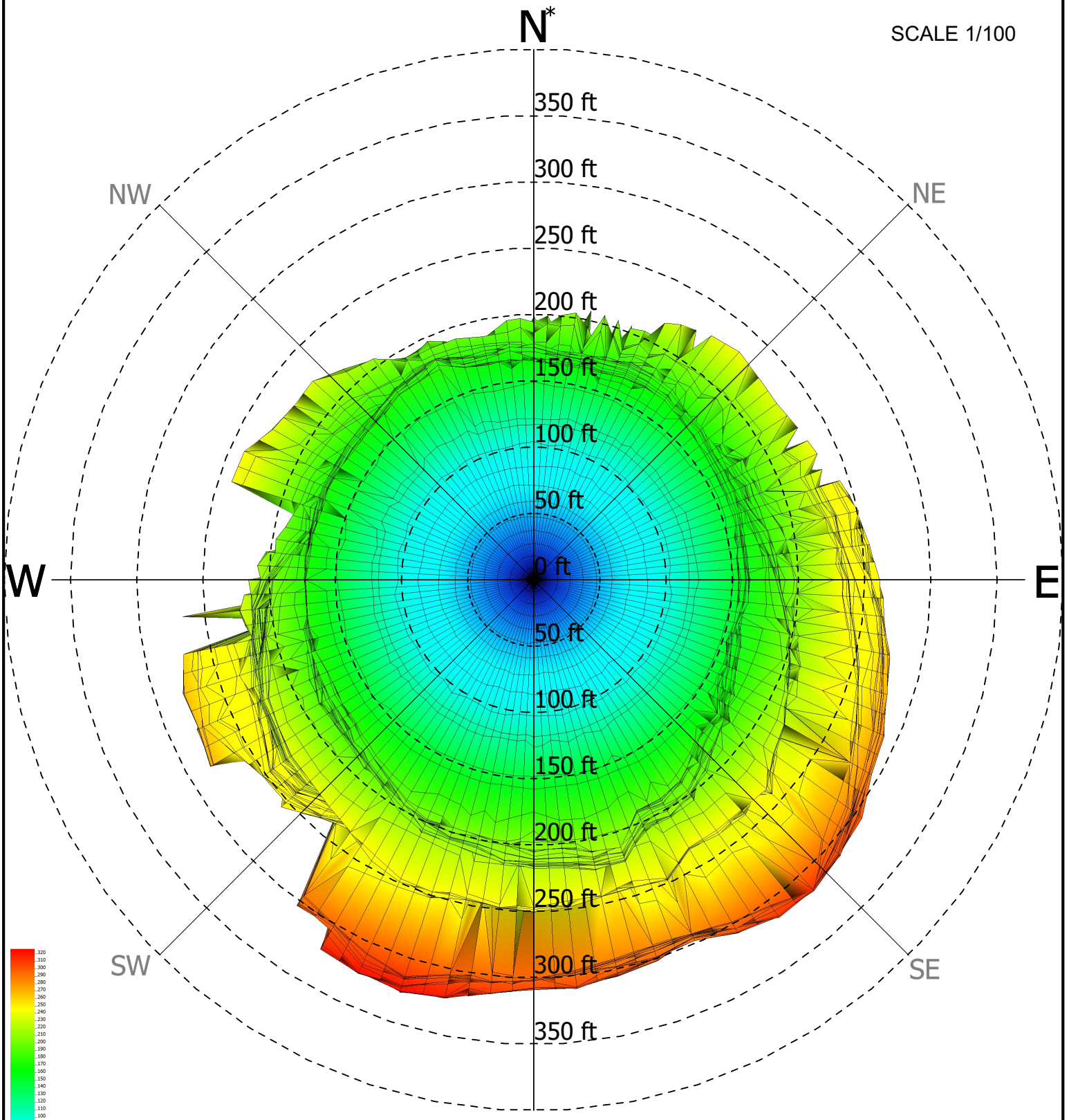
CUSTOMER : Eagle US 2, LLC  
 DATE : November 02, 2022

CAVERN : PPG No. 007B  
 OPERATION No.: 2



### VIEW FROM ABOVE

SCALE 1/100



Maximum radius	: 326.80 ft
Orientation maxi. radius*	: N198
Depth maxi. radius	: 3090.05 ft
Surface	: 206737.04 ft <sup>2</sup>
Max distance between points	: 549.41 ft

\*All sections are oriented to Magnetic North.

Magnetic Declination= 0.8°



CUSTOMER : Eagle US 2, LLC  
 DATE : November 02, 2022

CAVERN : PPG No. 007B  
 OPERATION No. : 2



**WALL RANGE VS BEARING**

Bearing	0.0	3.0	6.0	9.0
0	179.0: 3025.11	177.6: 3025.11	176.6: 3025.11	175.5: 3025.11
12	174.9: 3025.11	174.3: 2600.02	176.5: 2600.02	176.6: 2600.02
24	185.6: 3030.11	184.3: 3030.11	196.4: 3034.94	196.9: 3039.98
36	198.0: 3039.98	198.4: 3039.98	199.3: 3039.98	201.3: 3039.98
48	204.0: 3039.98	203.5: 3039.98	203.6: 3039.98	204.6: 3039.98
60	206.1: 3039.98	208.9: 3039.98	219.5: 3050.06	222.9: 3050.06
72	238.1: 3060.05	240.6: 3064.9	248.4: 3075.05	249.4: 3075.05
84	251.2: 3075.05	254.5: 3080.05	259.1: 3080.05	260.9: 3080.05
96	263.8: 3085.19	268.3: 3080.05	274.1: 3080.05	276.2: 3080.05
108	279.6: 3075.05	283.1: 3080.05	288.7: 3090.05	290.6: 3090.05
120	293.4: 3090.05	298.8: 3090.05	305.3: 3090.05	306.8: 3090.05
132	310.4: 3060.05	311.9: 3080.05	315.1: 3075.05	313.9: 3050.06
144	314.3: 3050.06	309.2: 3085.19	307.2: 3085.19	301.8: 3085.19
156	297.4: 3085.19	297.9: 3085.19	299.3: 3080.05	301.5: 3090.05
168	304.9: 3095.03	306.4: 3090.05	309.6: 3080.05	308.6: 3090.05
180	308.8: 3090.05	310.5: 3090.05	313.6: 3085.19	317.4: 3085.19
192	322.2: 3085.19	323.6: 3080.05	326.2: 3080.05	324.2: 3075.05
204	324.6: 3070.04	322.2: 3070.04	320.7: 3070.04	302.5: 3055.05
216	300.5: 3055.05	292.8: 3045.05	291.4: 3045.05	248.8: 3045.05
228	255.7: 3039.98	249.8: 3034.94	251.6: 3034.94	255.5: 3034.94
240	281.1: 3050.06	278.2: 3050.06	276.0: 3050.06	276.4: 3050.06
252	277.5: 3050.06	272.9: 3050.06	269.3: 3050.06	231.2: 3030.11
264	226.9: 3030.11	208.5: 2980.04	205.4: 2980.04	200.2: 2980.04
276	195.7: 2980.04	186.9: 2980.04	189.1: 2990.13	186.4: 2990.13
288	191.6: 3000.05	191.1: 3000.05	194.3: 3010.09	193.1: 3010.09
300	192.4: 3010.09	189.6: 3010.09	192.2: 3014.95	191.6: 3014.95
312	191.5: 3014.95	189.5: 3014.95	188.8: 3020.13	186.4: 3020.13
324	184.6: 3020.13	183.5: 3020.13	182.9: 3020.13	182.3: 3020.13
336	185.3: 3025.11	184.2: 3025.11	183.6: 3025.11	182.3: 3025.11
348	181.5: 3025.11	180.5: 3025.11	180.1: 3025.11	179.3: 3025.11



CUSTOMER : Eagle US 2, LLC  
 DATE : November 02, 2022

CAVERN : PPG No. 007B  
 OPERATION No. :2



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

DEPTH	TILT	N	NE	E	SE	S	SW	W	NW
2515.0	0	9.46	9.44	9.34	10.45	9.22	9.82	10.53	9.32
2515.0	0	164.90	162.28	154.15	175.07	204.93	177.92	171.77	167.51
2516.0	0	166.39	162.73	154.15	174.09	203.73	177.92	172.07	167.05
2517.9	0	164.60	160.91	154.44	171.98	203.73	176.69	169.38	168.70
2520.0	0	164.30	162.73	156.07	172.58	203.43	175.81	172.67	168.85
2529.9	0	167.29	162.84	155.33	176.71	208.21	181.57	172.37	169.74
2540.0	0	170.87	167.95	159.39	180.11	208.51	185.10	172.67	172.42
2550.0	0	175.06	169.59	159.82	185.82	212.39	184.80	172.96	173.32
2560.0	0	178.04	170.64	161.91	184.12	212.99	185.54	172.67	173.77
2569.9	0	174.46	168.53	162.21	183.99	214.48	185.67	172.07	173.62
2580.0	0	175.65	169.74	162.21	188.03	215.98	184.21	171.17	172.88
2590.0	0	173.56	169.00	160.72	186.64	217.47	184.51	171.17	172.43
2600.0	0	177.15	167.51	159.22	185.00	216.57	187.59	172.67	172.43
2605.0	0	172.37	167.81	159.52	181.28	216.87	188.36	170.87	171.98
2610.0	0	172.45	167.07	159.15	186.67	215.37	184.99	170.19	171.83
2615.0	0	172.45	166.95	159.40	186.06	215.62	185.62	170.19	171.08
2615.0	5	173.20	167.45	159.90	187.53	216.12	186.74	170.69	172.34
2615.0	10	176.50	171.87	163.03	191.11	218.83	188.61	175.40	175.03
2615.0	15	179.80	175.44	168.25	193.57	221.58	190.81	178.15	178.47
2615.0	20	186.40	179.44	171.83	196.71	223.78	194.25	183.37	184.25
2615.0	25	189.70	183.58	176.23	198.07	225.98	201.70	189.70	188.66
2615.0	30	193.27	187.56	178.97	199.48	201.79	202.37	197.67	194.44
2615.0	35	182.04	178.02	183.41	178.71	180.66	177.88	180.94	181.82
2615.0	40	158.36	160.43	162.21	157.40	156.71	159.32	159.18	159.18
2615.0	45	147.36	143.54	143.79	145.61	144.89	144.63	144.06	145.88
2615.0	50	132.79	133.67	132.79	132.55	134.72	133.27	136.09	133.68
2615.0	55	124.27	125.03	125.64	123.93	124.82	125.45	124.54	125.17
2615.0	60	118.77	117.49	117.67	117.36	117.12	118.32	117.95	118.32
2615.0	65	111.90	111.60	111.35	112.56	111.35	113.11	112.45	113.37
2615.0	70	109.70	108.31	108.33	107.48	107.78	108.71	108.60	108.44
2615.0	75	105.85	105.57	105.03	105.15	105.30	105.02	105.85	105.56
2615.0	80	103.10	103.09	102.55	103.92	103.10	102.96	102.83	103.10
2615.0	85	102.55	102.00	100.90	101.86	102.28	101.72	102.28	100.90
2615.0	89	100.63	100.49	100.63	102.00	102.00	101.18	100.63	101.18
2620.0	0	172.38	166.10	159.18	184.39	215.54	184.77	169.90	170.90
2630.0	0	171.83	165.83	158.63	184.93	214.44	184.77	169.63	170.63
2640.0	0	171.28	166.23	158.63	185.39	213.89	184.90	169.35	170.22
2650.1	0	171.00	166.38	158.08	183.70	213.61	185.73	169.63	171.18



CUSTOMER : Eagle US 2, LLC  
 DATE : November 02, 2022

CAVERN : PPG No. 007B  
 OPERATION No. :2



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

DEPTH	TILT	N	NE	E	SE	S	SW	W	NW
2660.1	0	171.00	166.50	158.36	184.83	213.34	185.86	169.08	170.36
2669.9	0	170.73	166.37	158.08	183.85	213.06	180.99	168.80	169.94
2680.0	0	170.73	166.64	156.98	182.86	212.79	181.39	168.80	169.94
2690.0	0	172.93	165.27	157.53	181.82	213.06	181.81	164.69	167.46
2700.1	0	144.64	166.38	157.56	180.84	212.82	182.93	137.21	156.54
2710.1	0	134.19	143.11	157.28	158.02	179.28	164.18	133.64	139.01
2720.1	0	102.57	119.75	149.04	139.75	162.23	143.66	123.19	120.05
2730.1	0	87.72	106.03	133.36	119.20	152.33	122.98	103.12	94.46
2740.0	0	71.23	83.73	119.07	100.91	133.09	100.36	87.45	74.13
2750.1	0	70.68	64.19	71.23	85.83	109.72	91.62	72.05	57.34
2759.9	0	58.54	59.55	68.70	69.62	96.34	87.69	61.59	47.17
2770.0	0	58.54	57.93	66.47	63.83	84.76	85.35	61.39	45.60
2780.1	0	59.56	56.33	65.86	63.82	79.68	82.39	62.00	50.65
2790.0	0	60.37	53.49	65.86	66.68	80.49	85.76	67.69	54.50
2800.1	0	59.17	53.71	66.08	66.90	87.84	90.68	65.27	55.42
2810.1	0	59.38	53.31	63.85	67.31	88.24	91.15	66.90	55.31
2820.1	0	58.77	53.61	63.65	67.52	87.63	90.15	68.93	54.60
2825.2	0	59.58	54.12	63.44	67.52	87.63	91.26	68.93	54.30
2830.1	0	61.41	66.70	63.44	67.72	87.43	91.96	69.13	53.98
2835.2	0	102.47	78.37	77.27	68.33	87.43	92.47	70.15	105.54
2840.0	0	152.39	82.76	81.98	119.90	87.20	92.98	72.63	160.40
2845.0	0	152.66	149.69	98.20	142.42	87.75	93.80	196.12	161.93
2849.9	0	152.94	150.80	182.36	233.92	250.04	225.63	196.94	161.24
2855.0	0	152.39	151.75	182.36	232.79	250.30	226.72	187.04	162.89
2860.1	0	152.78	151.37	184.17	233.09	249.04	223.32	186.86	164.21
2870.1	0	152.18	153.15	182.38	225.43	246.95	223.62	184.17	162.87
2880.1	0	147.40	155.24	185.07	216.61	245.16	220.11	180.58	154.96
2890.0	0	139.03	154.33	189.25	215.41	238.28	220.19	171.02	151.58
2900.1	-65	169.66	175.32	228.99	253.04	227.95	208.64	194.99	161.52
2900.1	-60	163.42	165.20	238.01	267.93	253.97	224.75	195.68	162.84
2900.1	-55	275.48	242.06	233.85	280.69	256.75	239.61	181.46	151.72
2900.1	-50	282.69	251.94	239.65	304.23	290.98	242.28	195.83	199.60
2900.1	-45	280.65	281.79	262.94	325.10	320.05	245.46	189.02	281.33
2900.1	-40	246.57	298.99	300.57	340.35	339.97	244.42	195.66	284.93
2900.1	-35	236.83	194.05	320.49	354.22	346.17	258.25	196.10	264.68
2900.1	-30	158.92	177.99	214.25	202.68	213.81	353.28	201.41	219.42
2900.1	-25	134.57	170.01	200.53	191.24	205.84	267.07	236.76	167.85
2900.1	-20	129.70	163.12	195.66	186.33	201.41	251.69	215.58	146.70



CUSTOMER : Eagle US 2, LLC  
 DATE : November 02, 2022

CAVERN : PPG No. 007B  
 OPERATION No. :2



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

DEPTH	TILT	N	NE	E	SE	S	SW	W	NW
2900.1	0	136.41	155.63	188.15	212.68	227.93	222.72	183.99	142.34
2910.1	0	136.80	155.84	187.27	208.64	226.66	223.30	176.20	143.65
2920.1	0	128.74	154.89	186.68	204.94	223.80	224.20	179.74	141.90
2920.1	14	147.82	160.28	190.15	238.20	256.76	229.92	185.99	159.06
2920.1	19	162.39	160.79	192.92	247.61	260.93	241.01	198.48	171.72
2920.1	24	167.25	165.49	193.62	202.40	205.76	207.07	205.76	177.80
2920.1	29	172.80	167.24	162.74	159.08	159.27	170.52	174.54	180.57
2920.1	34	147.00	137.97	145.04	145.25	136.02	145.56	156.84	155.46
2920.1	39	132.55	121.34	121.10	132.44	121.80	121.86	135.86	137.30
2920.1	44	127.00	116.16	116.25	120.15	121.80	126.52	118.68	128.47
2920.1	49	122.15	114.44	113.47	112.71	131.51	134.56	109.66	115.49
2920.1	54	112.43	112.72	108.96	112.90	148.51	153.22	114.86	108.21
2920.1	59	108.96	108.23	124.92	130.77	152.68	160.60	129.08	105.78
2920.1	64	130.60	119.94	152.74	149.16	165.13	173.38	149.20	128.13
2920.1	69	160.91	138.81	185.44	162.11	439.89	438.22	170.72	145.41
2920.1	74	424.13	423.30	423.34	422.80	428.24	423.05	426.28	153.53
2930.0	0	129.78	154.01	186.33	194.55	216.86	228.09	181.47	133.22
2940.0	0	125.27	153.14	184.25	183.30	204.37	228.69	197.78	126.11
2950.1	0	121.10	152.45	184.94	180.34	199.52	228.54	198.82	133.04
2960.2	0	122.15	152.46	182.86	179.46	186.33	229.91	199.86	139.77
2970.0	0	125.62	153.51	182.86	174.29	196.39	232.70	200.21	146.02
2980.0	0	137.76	153.16	182.17	172.38	184.25	232.54	205.41	155.76
2990.1	0	146.78	154.03	182.52	171.16	186.33	238.14	174.19	166.24
3000.1	0	159.27	154.03	182.17	172.17	183.56	233.92	178.01	176.87
3010.1	0	162.74	155.76	185.64	171.66	182.86	240.96	160.66	184.52
3014.9	0	172.11	157.14	183.56	173.21	184.25	235.86	157.54	189.53
3020.1	0	174.19	160.96	198.00	200.11	184.25	241.16	137.41	125.68
3025.1	0	179.05	173.93	196.74	230.23	186.33	236.94	146.09	86.22
3030.1	0	77.39	193.50	193.62	231.24	186.33	231.54	154.07	84.16
3034.9	0	77.57	193.95	198.48	229.91	192.92	243.86	136.02	75.34
3040.0	0	73.22	201.34	236.29	307.98	197.57	247.88	130.71	70.21
3045.1	0	76.00	75.06	236.99	308.13	301.52	248.79	130.28	67.78
3050.0	-87	51.57	52.11	51.57	50.26	48.82	48.70	49.30	50.44
3050.0	-84	52.77	52.23	51.33	49.21	48.10	47.62	49.30	50.26
3050.0	-81	55.16	53.96	52.05	49.35	48.46	47.20	48.34	51.39
3050.0	-78	57.44	54.56	51.69	49.83	50.02	47.32	48.22	48.77
3050.0	-75	58.75	55.15	50.74	48.10	50.26	47.26	48.22	56.83
3050.0	-72	58.99	56.05	51.69	48.28	50.26	48.52	48.82	54.95



CUSTOMER : Eagle US 2, LLC  
 DATE : November 02, 2022

CAVERN : PPG No. 007B  
 OPERATION No. :2



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

DEPTH	TILT	N	NE	E	SE	S	SW	W	NW
3050.0	-69	59.71	56.77	50.14	50.60	49.90	48.69	49.42	53.72
3050.0	-66	62.46	58.92	52.29	51.78	52.65	52.46	50.50	54.57
3050.0	-63	50.38	59.86	52.29	53.65	53.61	53.83	52.05	53.77
3050.0	-60	49.30	61.71	53.13	62.98	57.08	54.72	54.92	52.02
3050.0	-57	50.02	62.59	58.83	66.92	59.59	55.92	56.84	50.59
3050.0	-54	49.30	64.70	61.62	68.71	61.15	56.27	59.83	50.94
3050.0	-51	51.57	66.38	66.65	71.63	64.14	56.63	65.45	51.60
3050.0	-48	52.05	67.36	66.77	73.07	68.33	57.52	66.29	51.11
3050.0	-45	52.05	68.67	73.35	77.12	70.96	59.78	68.57	51.65
3050.0	-42	53.13	67.74	75.15	93.42	72.51	62.41	69.64	51.47
3050.0	-39	56.00	63.90	83.52	113.09	77.06	64.38	74.67	52.12
3050.0	-36	56.54	61.66	82.92	133.96	86.94	66.63	88.70	51.95
3050.0	-33	57.04	66.43	105.79	145.69	102.27	69.79	98.76	53.96
3050.0	-30	58.55	58.16	110.57	157.75	112.32	74.64	111.32	54.34
3050.0	-27	60.06	57.71	126.40	180.31	148.51	77.93	91.22	55.56
3050.0	-24	60.81	62.58	133.18	183.38	155.80	90.67	84.43	56.10
3050.0	-21	63.83	61.26	135.69	220.01	159.32	105.68	82.67	57.85
3050.0	-18	64.02	61.56	141.50	247.04	237.82	137.23	84.66	55.57
3050.0	-15	66.71	70.02	141.50	264.47	252.78	148.05	90.64	58.44
3050.0	-12	65.15	60.53	152.03	277.00	278.39	159.08	96.75	56.83
3050.0	-9	67.13	70.27	260.62	293.28	311.95	164.25	105.43	57.87
3050.0	-6	67.13	70.35	261.41	313.48	308.40	176.38	105.83	58.59
3050.0	-3	66.73	70.35	253.51	312.69	306.80	180.14	103.85	61.89
3050.1	0	67.92	74.41	237.69	309.26	300.86	211.84	103.85	66.42
3055.1	0	65.96	70.76	250.76	310.74	300.91	195.31	103.87	61.80
3060.1	0	66.36	59.31	252.34	310.75	300.12	183.98	104.26	56.41
3064.9	0	62.80	57.77	252.74	309.96	300.12	181.75	105.05	56.18
3070.0	0	46.22	56.85	252.34	310.54	300.12	178.55	104.66	53.24
3075.1	0	46.34	50.23	253.92	311.51	307.23	171.37	93.60	49.44
3079.9	2	42.66	57.53	252.74	311.14	300.91	175.60	91.70	45.71
3079.9	5	45.82	56.67	254.71	311.51	302.10	183.54	96.37	50.28
3079.9	7	46.22	57.72	243.66	309.24	304.47	191.89	105.84	51.44
3079.9	8	61.95	58.16	243.66	304.87	304.47	195.99	105.84	51.47
3079.9	9	46.22	57.94	236.15	305.84	304.47	247.57	105.84	51.27
3079.9	10	47.01	59.35	236.15	236.23	203.77	248.73	106.63	53.24
3079.9	11	49.26	59.19	234.57	236.25	203.77	246.83	106.24	53.25
3079.9	14	66.36	71.81	204.96	235.91	198.25	248.24	107.03	56.85
3079.9	17	69.52	75.41	204.96	211.76	194.69	247.80	109.40	57.46





CUSTOMER : Eagle US 2, LLC  
DATE : November 02, 2022

CAVERN : PPG No. 007B  
OPERATION No. :2



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

DEPTH	TILT	N	NE	E	SE	S	SW	W	NW
3079.9	20	70.70	73.63	195.48	184.96	193.90	249.80	154.62	61.91
3079.9	23	73.07	66.34	197.06	186.89	197.06	252.22	174.16	63.99
3079.9	26	84.92	76.04	200.22	192.45	211.28	258.60	175.74	65.74
3079.9	29	79.39	175.65	208.91	195.86	208.91	263.83	229.44	79.39
3079.9	34	90.24	183.93	218.38	212.63	238.52	271.65	238.92	184.41
3079.9	39	168.24	195.31	237.73	269.60	296.57	285.45	235.76	184.23
3079.9	44	168.63	212.50	259.85	323.92	343.17	309.38	237.34	184.09
3079.9	49	176.53	237.00	278.41	328.36	321.45	329.94	253.92	187.07
3079.9	54	223.12	256.54	295.78	301.12	297.76	302.33	304.07	276.30
3079.9	59	283.14	277.91	281.17	273.57	278.01	284.62	289.07	289.15
3079.9	64	272.48	268.06	266.95	269.65	269.72	267.27	270.90	273.79
3080.1	0	44.24	56.15	259.06	311.91	307.23	160.07	79.39	42.60
3085.2	0	42.66	54.83	143.36	311.33	306.84	96.65	77.81	37.08
3090.1	0	29.24	47.91	136.64	311.71	308.81	49.11	71.49	30.38
3095.0	0	22.92	48.76	132.18	18.35	308.81	32.88	79.99	23.74









CUSTOMER : Eagle US 2, LLC  
DATE : November 02, 2022

CAVERN : PPG No. 007B  
OPERATION No. : 2



### VERTICAL SECTION

← N210

3

→ N30

SCALE 1/125









CUSTOMER : Eagle US 2, LLC  
DATE : November 02, 2022

CAVERN : PPG No. 007B  
OPERATION No. : 2



### VERTICAL SECTION

← N255

6

→ N75

SCALE 1/125









CUSTOMER : Eagle US 2, LLC  
 DATE : November 02, 2022

CAVERN : PPG No. 007B  
 OPERATION No. : 2



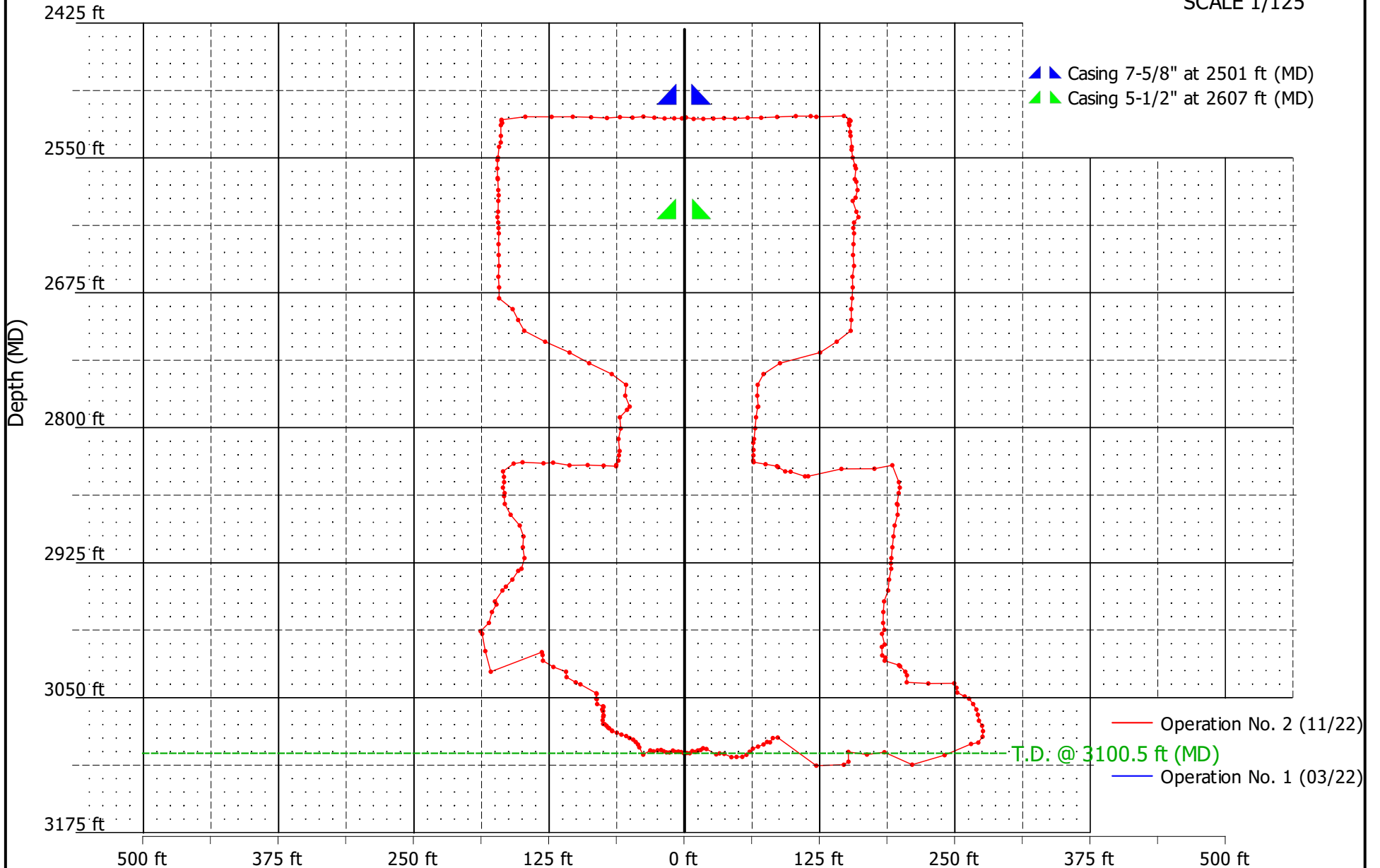
### VERTICAL SECTION

← N285

8

N105 →

SCALE 1/125



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

— Operation No. 2 (11/22)  
 T.D. @ 3100.5 ft (MD)  
 — Operation No. 1 (03/22)



CUSTOMER : Eagle US 2, LLC  
DATE : November 02, 2022

CAVERN : PPG No. 007B  
OPERATION No. : 2



### VERTICAL SECTION

← N300

9

N120 →

SCALE 1/125





CUSTOMER : Eagle US 2, LLC  
 DATE : November 02, 2022

CAVERN : PPG No. 007B  
 OPERATION No. : 2



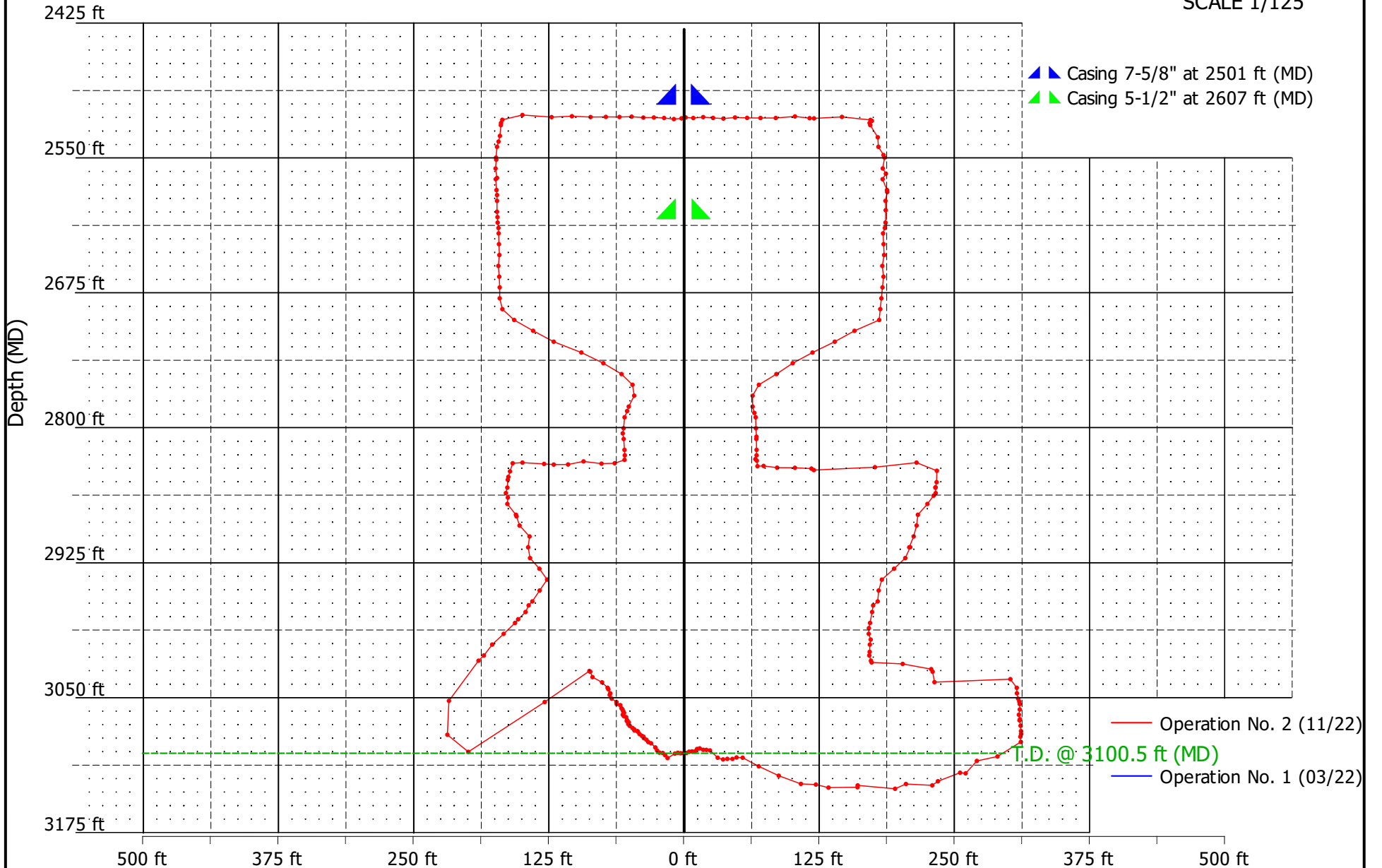
### VERTICAL SECTION

← N315

10

N135 →

SCALE 1/125





CUSTOMER : Eagle US 2, LLC  
DATE : November 02, 2022

CAVERN : PPG No. 007B  
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### VERTICAL SECTION

← N330

11

N150 →

SCALE 1/125





CUSTOMER : Eagle US 2, LLC  
 DATE : November 02, 2022

CAVERN : PPG No. 007B  
 OPERATION No. : 2



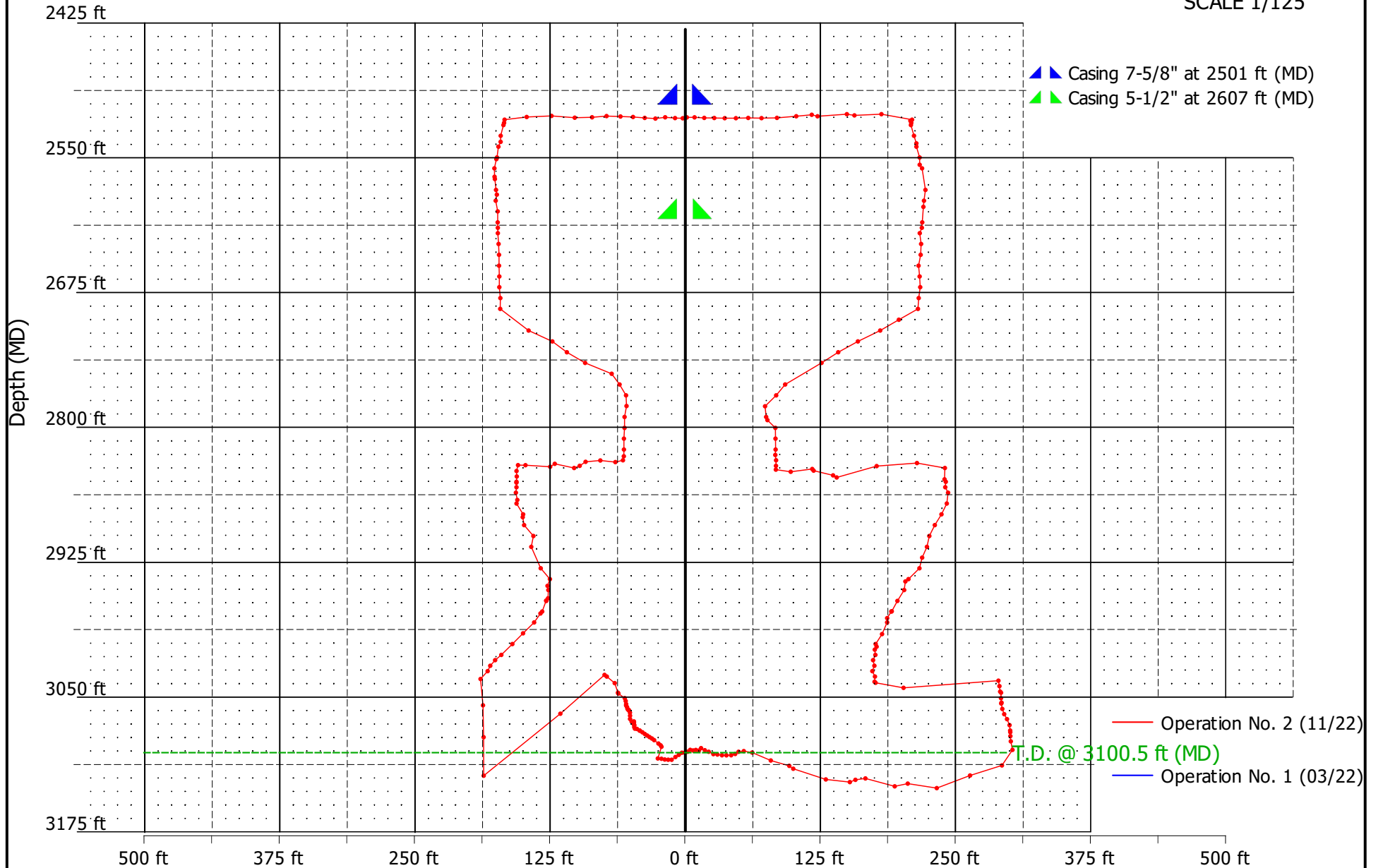
### VERTICAL SECTION

← N345

12

N165 →

SCALE 1/125



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

— Operation No. 2 (11/22)  
 T.D. @ 3100.5 ft (MD)  
 — Operation No. 1 (03/22)



CUSTOMER :Eagle US 2, LLC  
DATE :November 02, 2022

CAVERN : PPG No. 007B  
OPERATION No.: 2

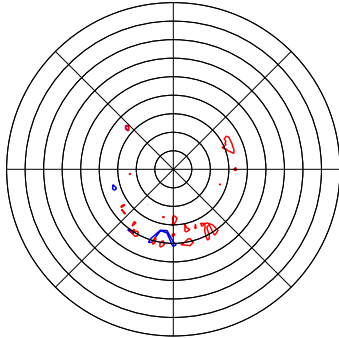


### HORIZONTAL SECTIONS between 2510 ft and 2620 ft

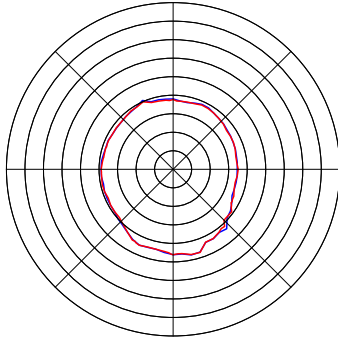
— Operation No. 2 (11/22)

— Operation No. 1 (03/22)

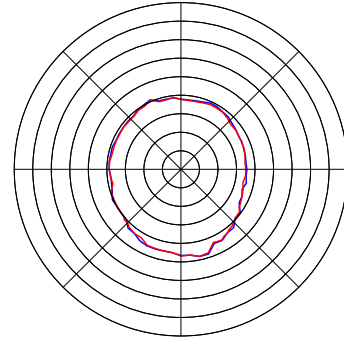
SCALE 50.0 ft per division



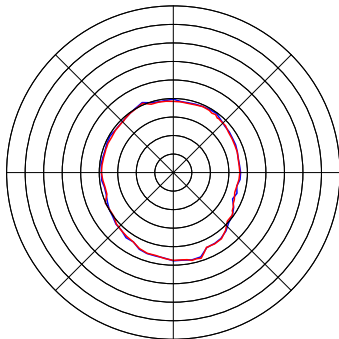
2510 ft / 2206.59 ft<sup>2</sup>



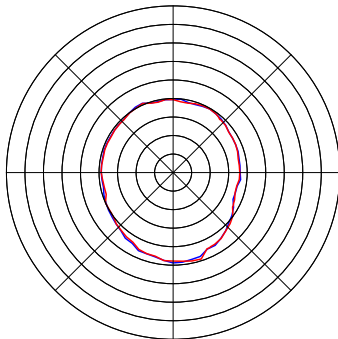
2520 ft / 94874.53 ft<sup>2</sup>



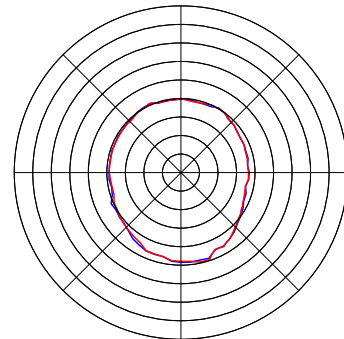
2530 ft / 97009.36 ft<sup>2</sup>



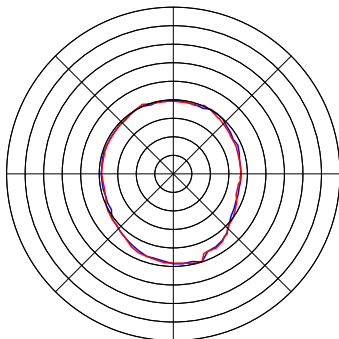
2540 ft / 99242.37 ft<sup>2</sup>



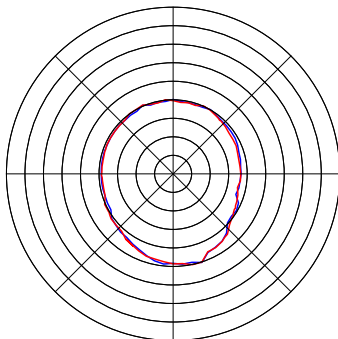
2550 ft / 100985.19 ft<sup>2</sup>



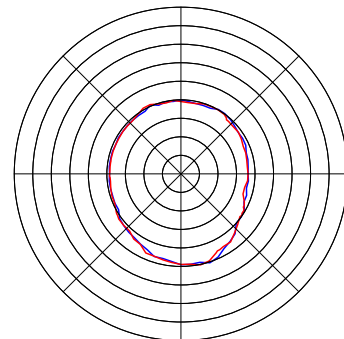
2560 ft / 102284.53 ft<sup>2</sup>



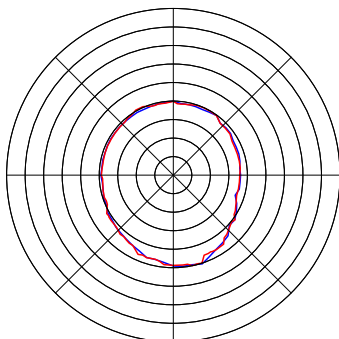
2570 ft / 102887.27 ft<sup>2</sup>



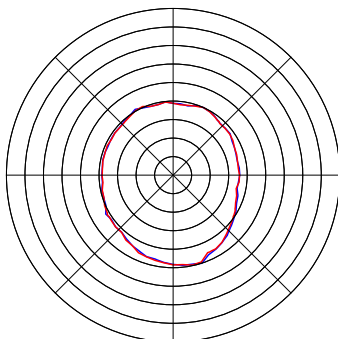
2580 ft / 103023.86 ft<sup>2</sup>



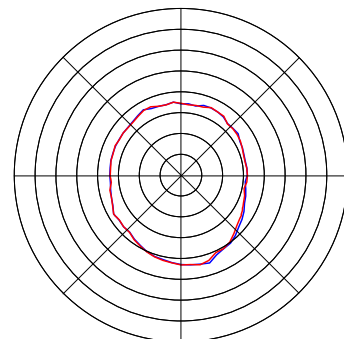
2590 ft / 103002.26 ft<sup>2</sup>



2600 ft / 102835.59 ft<sup>2</sup>



2610 ft / 101936.74 ft<sup>2</sup>



2620 ft / 101378.36 ft<sup>2</sup>

\*All sections are oriented to Magnetic North.

Magnetic Declination=0.8°



CUSTOMER :Eagle US 2, LLC  
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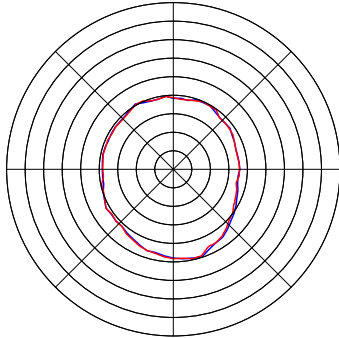


### HORIZONTAL SECTIONS between 2630 ft and 2740 ft

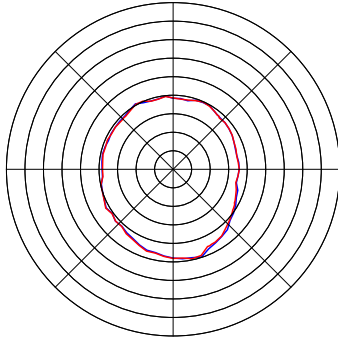
— Operation No. 2 (11/22)

— Operation No. 1 (03/22)

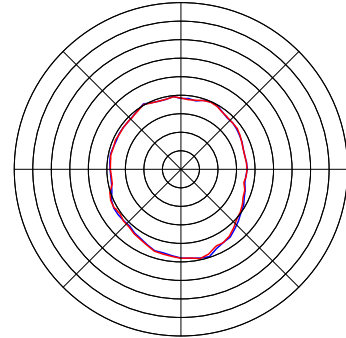
SCALE 50.0 ft per division



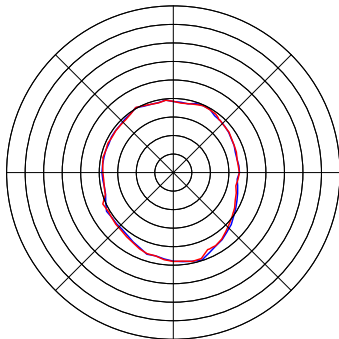
2630 ft / 101160.28 ft<sup>2</sup>



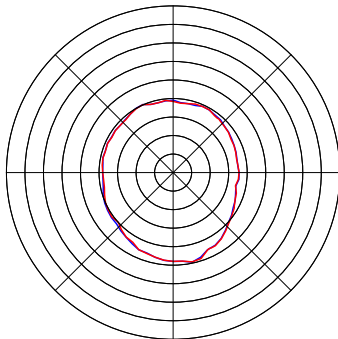
2640 ft / 100900.69 ft<sup>2</sup>



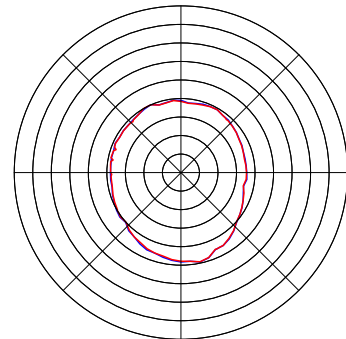
2650 ft / 100576.62 ft<sup>2</sup>



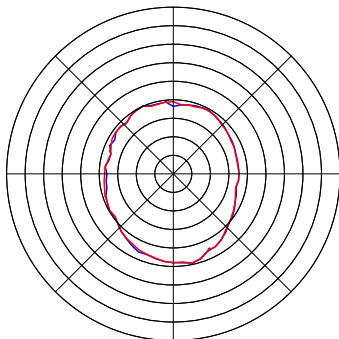
2660 ft / 100223.07 ft<sup>2</sup>



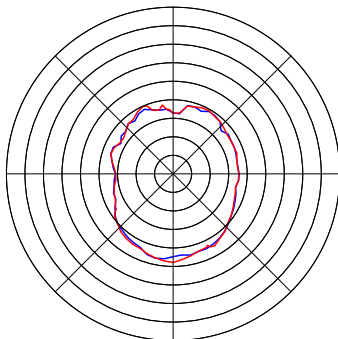
2670 ft / 99729.11 ft<sup>2</sup>



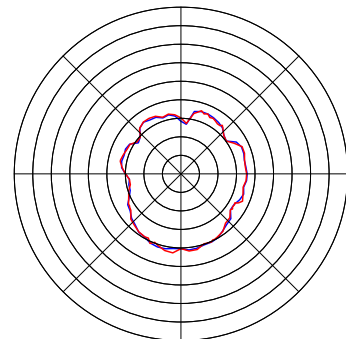
2680 ft / 99004.81 ft<sup>2</sup>



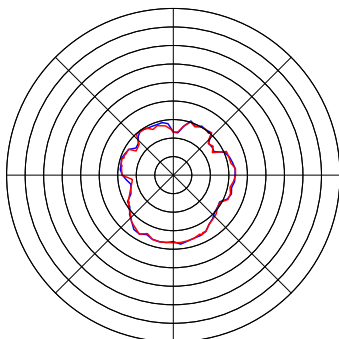
2690 ft / 97987.59 ft<sup>2</sup>



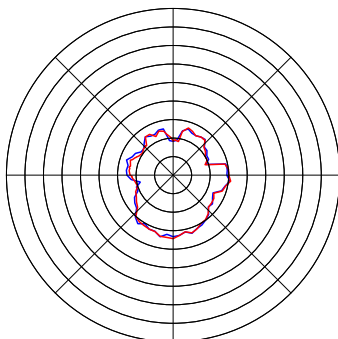
2700 ft / 90631.52 ft<sup>2</sup>



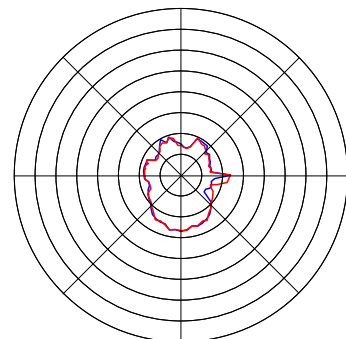
2710 ft / 75255.81 ft<sup>2</sup>



2720 ft / 57111.15 ft<sup>2</sup>



2730 ft / 42226.14 ft<sup>2</sup>



2740 ft / 28621.25 ft<sup>2</sup>

\*All sections are oriented to Magnetic North.

Magnetic Declination=0.8°





CUSTOMER :Eagle US 2, LLC  
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CAVERN : PPG No. 007B  
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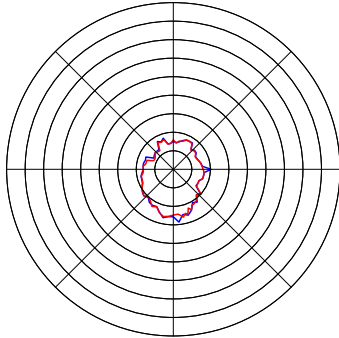


### HORIZONTAL SECTIONS between 2750 ft and 2860 ft

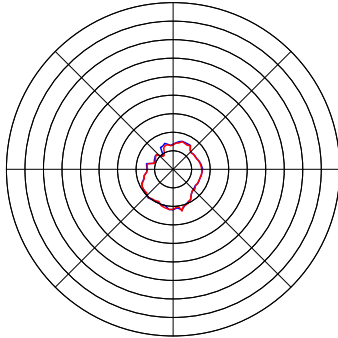
— Operation No. 2 (11/22)

— Operation No. 1 (03/22)

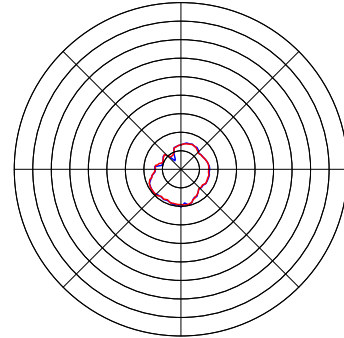
SCALE 50.0 ft per division



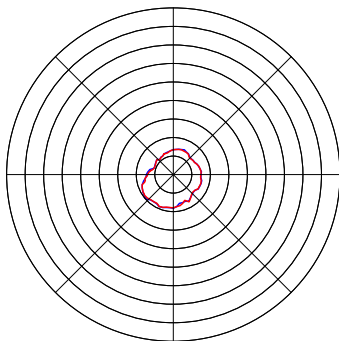
2750 ft / 19953.83 ft<sup>2</sup>



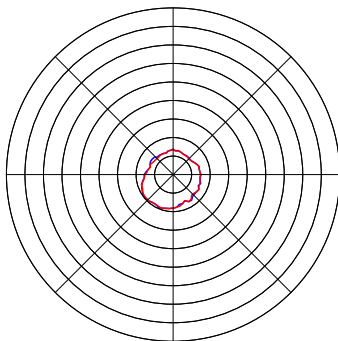
2760 ft / 15772.43 ft<sup>2</sup>



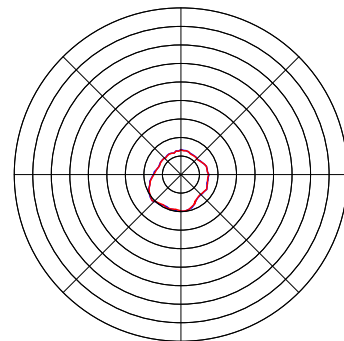
2770 ft / 14304.92 ft<sup>2</sup>



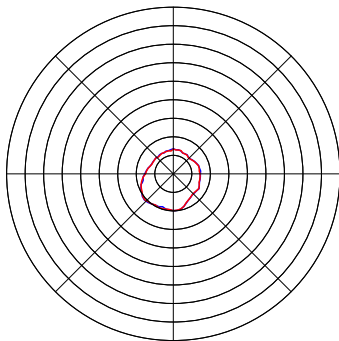
2780 ft / 13886.40 ft<sup>2</sup>



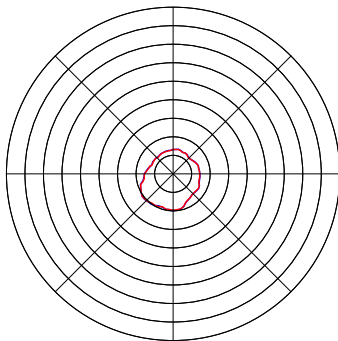
2790 ft / 14397.94 ft<sup>2</sup>



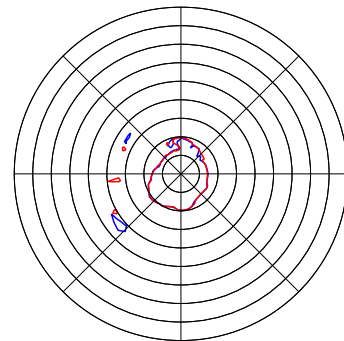
2800 ft / 14933.38 ft<sup>2</sup>



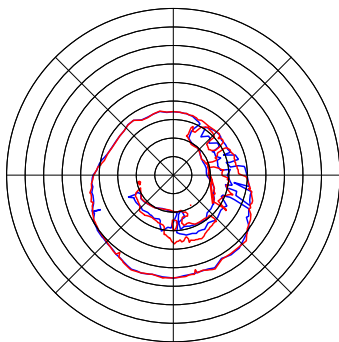
2810 ft / 15134.64 ft<sup>2</sup>



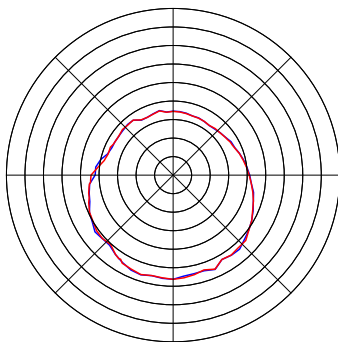
2820 ft / 14999.14 ft<sup>2</sup>



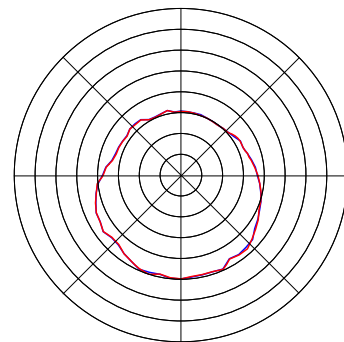
2830 ft / 17025.60 ft<sup>2</sup>



2840 ft / 102020.01 ft<sup>2</sup>



2850 ft / 121345.35 ft<sup>2</sup>



2860 ft / 121138.09 ft<sup>2</sup>

\*All sections are oriented to Magnetic North.

Magnetic Declination=0.8°



CUSTOMER :Eagle US 2, LLC  
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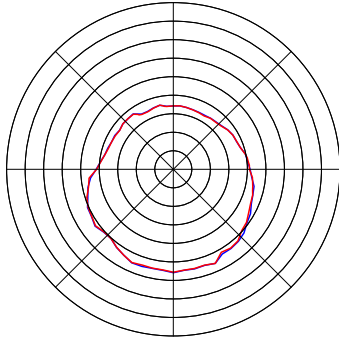


### HORIZONTAL SECTIONS between 2870 ft and 2980 ft

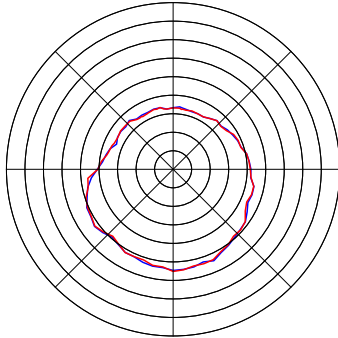
— Operation No. 2 (11/22)

— Operation No. 1 (03/22)

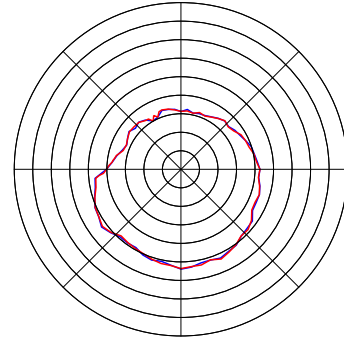
SCALE 50.0 ft per division



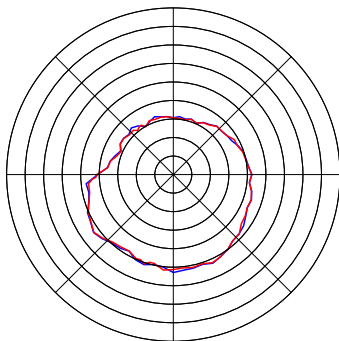
2870 ft / 119853.19 ft<sup>2</sup>



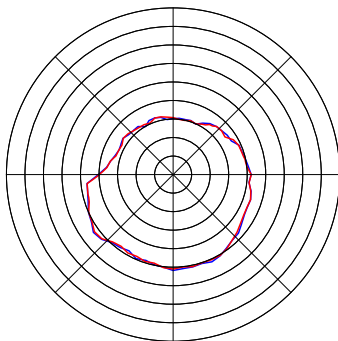
2880 ft / 115087.21 ft<sup>2</sup>



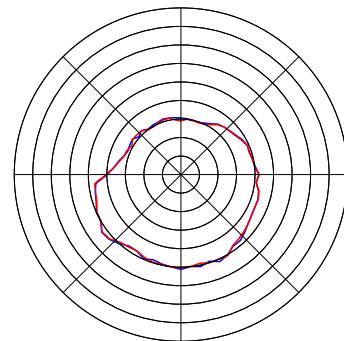
2890 ft / 111533.54 ft<sup>2</sup>



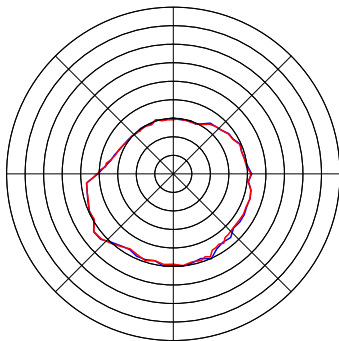
2900 ft / 108118.63 ft<sup>2</sup>



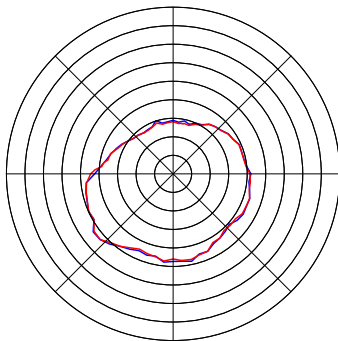
2910 ft / 106661.69 ft<sup>2</sup>



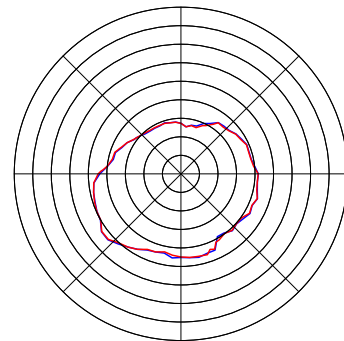
2920 ft / 105251.27 ft<sup>2</sup>



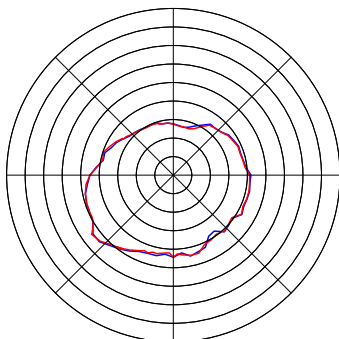
2930 ft / 102711.18 ft<sup>2</sup>



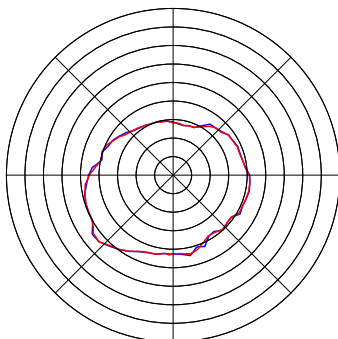
2940 ft / 98616.88 ft<sup>2</sup>



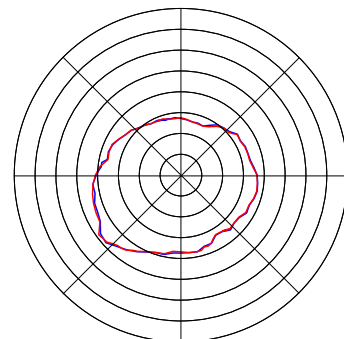
2950 ft / 97661.02 ft<sup>2</sup>



2960 ft / 97441.03 ft<sup>2</sup>



2970 ft / 98244.66 ft<sup>2</sup>



2980 ft / 99887.24 ft<sup>2</sup>

\*All sections are oriented to Magnetic North.

Magnetic Declination=0.8°



CUSTOMER :Eagle US 2, LLC  
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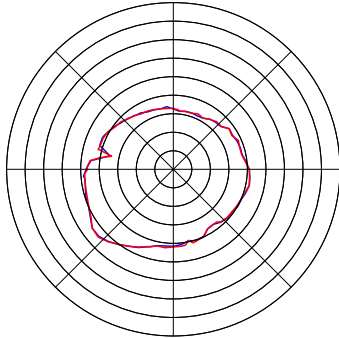


### HORIZONTAL SECTIONS between 2990 ft and 3100 ft

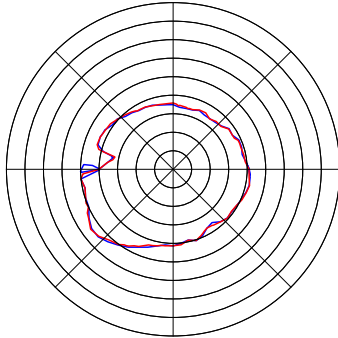
— Operation No. 2 (11/22)

— Operation No. 1 (03/22)

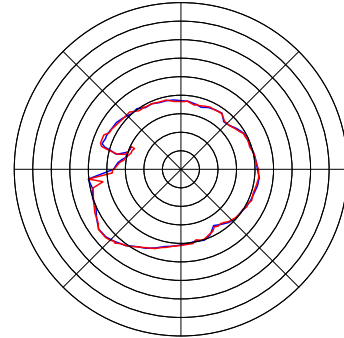
SCALE 50.0 ft per division



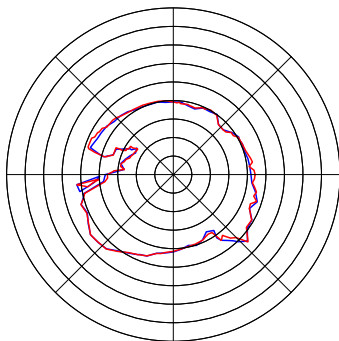
2990 ft / 102283.20 ft<sup>2</sup>



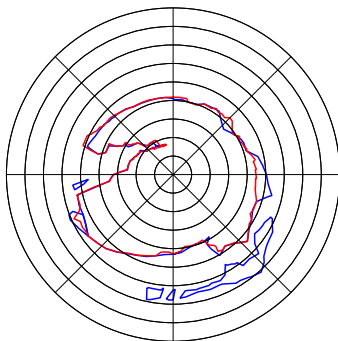
3000 ft / 104126.06 ft<sup>2</sup>



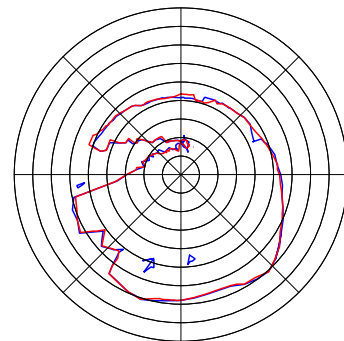
3010 ft / 106748.72 ft<sup>2</sup>



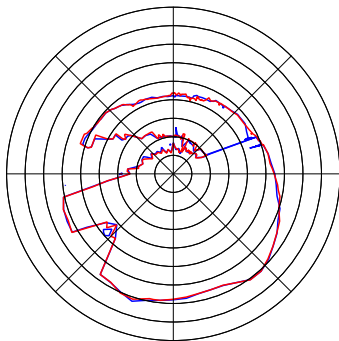
3020 ft / 115755.62 ft<sup>2</sup>



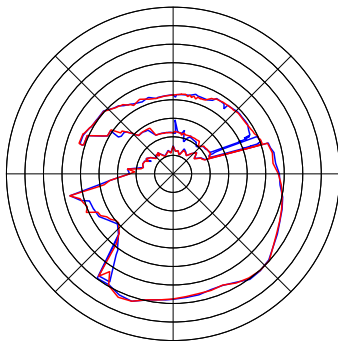
3030 ft / 121682.80 ft<sup>2</sup>



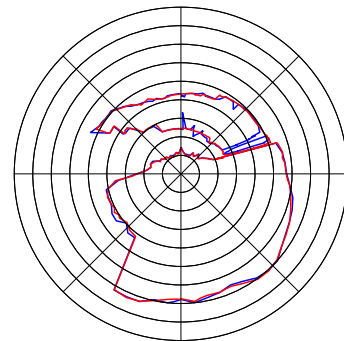
3040 ft / 173988.89 ft<sup>2</sup>



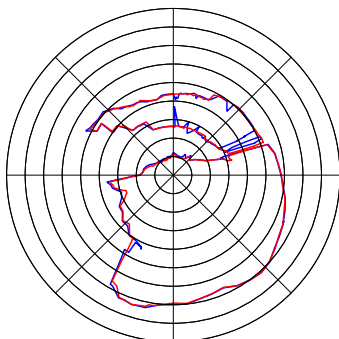
3050 ft / 172198.90 ft<sup>2</sup>



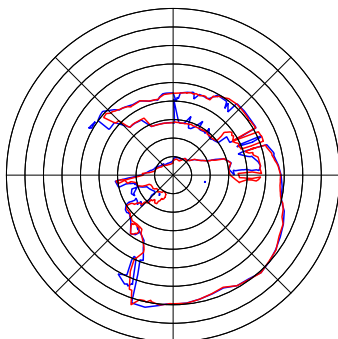
3060 ft / 164532.81 ft<sup>2</sup>



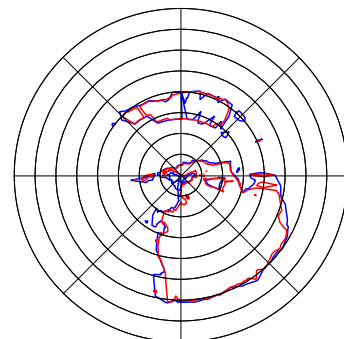
3070 ft / 157621.19 ft<sup>2</sup>



3080 ft / 149690.36 ft<sup>2</sup>



3090 ft / 127092.14 ft<sup>2</sup>



3100 ft / 83921.74 ft<sup>2</sup>

\*All sections are oriented to Magnetic North.

Magnetic Declination=0.8°



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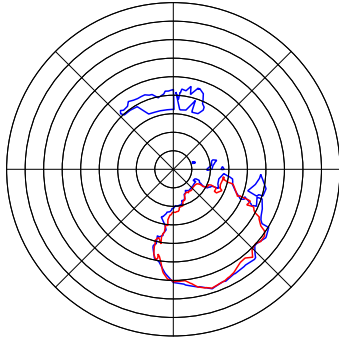


## HORIZONTAL SECTIONS between 3110 ft and 3130 ft

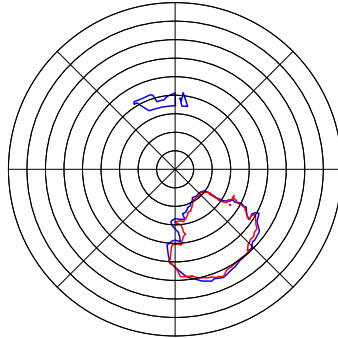
— Operation No. 2 (11/22)

— Operation No. 1 (03/22)

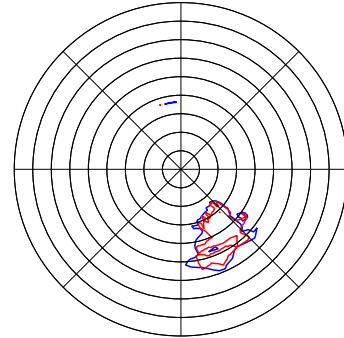
SCALE 50.0 ft per division



3110 ft / 45233.96 ft<sup>2</sup>



3120 ft / 29146.64 ft<sup>2</sup>



3130 ft / 9629.88 ft<sup>2</sup>



CUSTOMER : Eagle US 2, LLC  
 DATE : November 02, 2022

CAVERN : PPG No. 007B  
 OPERATION No. : 2



**WALL RANGES VS DEPTH**

DEPTH	2515.0								TILT	0	VOS	5974.00
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21				
0	164.9	163.8	163.1	163.0	163.4	164.1	159.7	160.7				
24	162.2	161.6	167.3	167.1	167.3	165.1	163.4	162.3				
48	161.6	160.2	159.2	158.4	158.0	157.5	157.4	157.2				
72	157.4	157.4	154.1	155.2	153.3	153.5	154.1	153.9				
96	154.1	153.9	154.1	152.9	152.1	155.3	159.2	156.6				
120	157.0	161.0	170.3	170.6	164.7	171.5	177.3	182.8				
144	187.0	188.4	190.3	190.0	190.3	200.2	211.8	210.2				
168	209.1	201.1	199.7	196.9	189.0	195.4	201.3	198.8				
192	196.9	196.3	196.3	191.0	191.0	192.1	191.1	187.6				
216	184.8	182.0	180.4	177.9	176.0	171.9	171.2	171.8				
240	170.3	169.9	170.0	171.2	173.0	167.8	172.8	172.5				
264	171.8	171.5	171.8	170.3	169.4	169.3	169.7	168.5				
288	167.9	168.4	169.4	168.7	168.5	167.4	166.7	166.9				
312	167.6	167.5	167.9	169.9	172.4	172.1	172.4	174.5				
336	177.1	172.3	168.2	166.6	165.5	166.2	160.0	165.9				

DEPTH	2516.0								TILT	0	VOS	5974.00
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21				
0	166.4	164.5	163.1	162.4	162.2	162.9	164.0	165.0				
24	166.4	166.6	167.3	166.5	166.1	164.8	164.0	162.7				
48	161.9	159.9	158.3	158.1	158.3	157.7	157.4	157.1				
72	157.1	156.0	155.3	154.4	153.8	153.8	154.1	153.8				
96	153.8	153.3	153.1	153.9	152.3	155.4	159.0	159.0				
120	159.2	164.3	170.3	170.0	170.3	174.1	178.6	182.3				
144	186.7	188.4	190.6	190.3	190.6	200.4	211.8	208.6				
168	209.3	204.3	203.1	203.2	203.7	202.1	201.0	198.8				
192	197.2	196.1	195.7	196.7	198.4	195.0	192.2	188.6				
216	185.5	182.7	180.4	177.9	176.0	173.7	172.7	171.5				
240	170.8	169.7	170.0	170.8	173.0	172.4	173.3	172.3				
264	171.8	171.7	172.1	170.2	168.8	169.1	170.0	168.5				
288	167.6	168.0	168.8	168.3	168.2	168.0	168.2	167.1				
312	168.0	167.9	168.2	169.6	171.5	171.4	171.8	174.2				
336	177.1	172.0	168.1	166.8	165.9	165.7	165.5	165.7				

DEPTH	2517.9								TILT	0	VOS	5974.00
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21				
0	167.3	163.6	163.1	162.6	162.5	163.2	164.3	165.0				
24	166.1	167.0	167.9	166.7	166.0	164.5	163.4	162.7				
48	162.1	160.0	158.6	158.1	158.0	157.5	157.4	156.9				
72	156.8	155.6	154.7	153.9	153.5	153.8	154.4	154.2				
96	154.4	153.2	152.4	152.3	152.7	155.4	158.6	158.9				
120	159.5	164.8	170.8	171.1	171.8	172.0	184.8	182.7				
144	186.9	188.7	191.8	190.9	190.6	199.4	209.7	209.4				
168	209.7	205.9	202.8	203.0	203.7	200.4	197.8	196.4				
192	195.7	195.4	195.7	196.9	198.7	196.6	195.2	190.4				
216	186.4	183.1	180.4	176.7	173.6	173.3	173.6	171.5				
240	170.0	169.1	168.8	170.6	173.0	172.6	172.7	172.1				
264	172.1	172.0	172.4	170.4	169.2	168.9	169.1	167.9				
288	168.2	167.7	168.8	167.7	168.2	168.1	168.5	168.4				
312	168.8	168.7	169.1	169.4	170.3	171.1	172.4	174.5				
336	177.1	172.2	167.9	167.1	166.7	166.3	166.4	165.3				



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**WALL RANGES VS DEPTH**

DEPTH	2520.0								TILT	0	VOS	5974.00
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21				
0	167.4	164.1	164.3	164.4	164.9	165.0	165.5	166.9				
24	168.8	168.3	168.2	167.1	166.4	164.8	164.0	162.7				
48	162.2	160.0	158.3	158.3	158.6	158.3	158.3	157.2				
72	156.5	154.8	153.5	153.3	153.5	154.6	156.1	155.1				
96	154.6	153.1	152.1	152.7	153.8	156.3	159.2	159.6				
120	160.4	166.5	173.6	172.7	172.4	172.6	184.5	183.2				
144	187.0	189.1	192.1	191.5	191.5	199.9	209.7	209.1				
168	209.1	205.9	203.4	203.2	205.0	200.6	198.4	197.0				
192	196.3	196.0	196.3	197.6	199.5	197.5	196.0	190.8				
216	186.4	182.3	178.9	175.8	173.3	173.0	173.3	172.9				
240	173.0	171.4	170.3	171.4	173.0	173.2	173.9	172.9				
264	172.4	172.3	172.7	171.4	170.6	169.6	169.1	169.1				
288	169.7	169.4	169.7	168.7	168.2	168.3	168.8	168.4				
312	168.5	168.8	169.7	170.9	172.7	172.6	173.0	174.8				
336	177.1	172.5	168.5	167.7	167.3	166.8	166.7	165.3				

DEPTH	2529.9								TILT	0	VOS	5974.00
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21				
0	167.3	166.5	166.1	165.9	166.1	166.6	167.6	168.7				
24	170.3	169.7	169.7	169.3	169.4	167.3	165.8	162.8				
48	160.4	160.6	161.3	160.3	159.8	159.2	158.9	158.9				
72	159.2	157.8	156.8	155.3	154.1	154.5	155.3	155.1				
96	155.3	153.3	151.8	153.9	156.5	158.1	160.1	162.1				
120	164.6	165.9	173.2	174.1	175.8	178.7	183.0	184.2				
144	189.4	190.3	195.8	194.1	191.5	200.4	210.9	211.9				
168	213.6	209.8	206.7	207.2	208.2	204.3	201.0	200.5				
192	200.4	199.9	199.8	199.4	199.5	194.4	190.0	190.0				
216	190.6	188.2	186.4	181.6	182.4	177.8	177.4	177.2				
240	177.4	176.8	176.5	176.2	176.2	171.4	167.3	168.5				
264	170.3	171.1	172.4	172.1	172.4	170.6	169.4	169.1				
288	169.4	169.4	170.0	169.6	169.7	170.0	170.9	170.2				
312	170.0	169.7	170.0	172.1	174.8	174.5	174.8	177.9				
336	181.6	175.7	170.6	170.2	170.3	171.7	173.6	170.1				

DEPTH	2540.0								TILT	0	VOS	5974.00
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21				
0	170.9	170.5	170.6	169.9	169.7	170.0	170.9	171.8				
24	173.3	172.6	172.4	169.9	172.1	167.8	168.2	168.0				
48	168.2	165.7	163.7	162.9	162.5	161.7	161.3	160.9				
72	161.0	159.7	158.9	158.6	158.6	158.8	159.4	158.6				
96	158.3	156.8	155.7	155.0	154.7	157.2	160.1	161.5				
120	165.9	168.4	174.2	173.9	174.2	180.1	187.0	191.3				
144	196.3	196.7	197.8	196.6	196.0	205.9	216.2	214.2				
168	215.4	211.6	210.6	210.3	210.6	208.7	207.1	204.9				
192	203.4	203.2	203.6	201.2	199.7	195.7	192.2	190.7				
216	189.7	187.9	186.7	185.1	184.0	180.3	177.1	176.8				
240	176.8	177.6	178.9	172.8	167.6	167.4	167.6	168.7				
264	170.3	171.2	172.7	172.1	172.1	171.4	171.2	170.8				
288	170.9	171.1	171.8	170.9	170.6	171.1	172.1	171.7				
312	171.8	172.4	173.6	174.7	176.2	176.8	177.7	179.6				
336	181.9	176.8	172.4	172.3	172.7	172.1	172.1	171.2				



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**WALL RANGES VS DEPTH**

DEPTH	2550.0							
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	175.1	172.7	170.9	170.3	170.3	171.7	173.6	174.2
24	175.4	175.4	176.0	175.0	174.5	172.3	170.6	169.6
48	169.1	166.7	164.9	164.7	164.9	164.4	164.3	163.2
72	162.5	160.8	159.5	159.3	159.5	159.5	159.8	159.5
96	159.5	157.5	155.9	155.9	156.2	158.5	161.3	162.7
120	164.6	170.4	177.1	180.1	183.7	185.8	188.5	191.8
144	195.7	197.0	199.0	199.3	200.1	208.4	218.1	217.2
168	216.9	215.1	213.9	212.8	212.4	212.1	212.4	208.5
192	205.2	204.6	204.6	203.0	201.9	197.1	193.0	191.5
216	190.6	188.2	186.4	184.8	183.7	180.3	178.3	177.1
240	177.1	177.2	177.7	172.9	168.8	168.6	168.8	169.1
264	170.0	171.2	173.0	172.4	172.4	171.7	171.5	171.8
288	172.7	172.4	172.7	172.0	171.8	172.3	173.3	173.0
312	173.3	173.3	173.9	175.2	177.1	177.5	178.3	179.6
336	181.3	177.9	175.1	173.6	172.7	174.2	176.2	175.4

DEPTH	2560.0							
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	178.0	175.5	173.6	172.7	172.4	173.0	174.2	175.7
24	177.7	177.6	178.0	177.3	177.1	173.7	170.9	170.6
48	170.9	168.1	165.8	165.0	164.6	164.8	165.5	163.6
72	162.2	162.0	162.2	161.1	160.4	160.9	161.9	161.8
96	162.2	159.7	157.7	158.8	160.4	161.8	163.7	165.7
120	168.2	170.9	174.2	177.0	180.4	184.1	188.5	192.8
144	197.8	199.4	205.0	203.0	202.2	208.4	219.9	219.4
168	219.6	216.5	214.2	213.3	213.0	212.5	212.7	209.2
192	206.4	205.7	205.5	205.2	205.5	199.9	195.1	192.8
216	191.2	189.0	187.3	185.5	184.3	182.7	181.6	179.1
240	177.1	176.3	176.0	172.4	169.4	169.0	169.1	169.3
264	170.0	171.1	172.7	172.1	172.1	171.8	172.1	172.4
288	173.3	173.0	173.3	172.9	173.0	173.0	173.6	173.6
312	174.2	173.8	173.9	175.5	177.7	178.1	178.9	180.5
336	182.5	178.8	175.7	176.0	176.8	175.6	174.8	176.1

DEPTH	2569.9							
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	174.5	173.6	173.3	173.6	174.5	173.2	172.4	175.8
24	179.8	178.5	177.7	175.1	173.0	171.5	170.6	169.5
48	168.1	166.9	166.0	164.0	164.0	163.9	164.3	163.0
72	162.2	161.7	161.6	161.4	161.6	161.7	162.2	160.0
96	161.8	158.0	158.0	157.8	158.0	161.9	166.4	168.7
120	171.5	174.5	178.0	179.1	180.7	184.0	193.3	193.8
144	200.7	202.8	205.5	204.2	203.4	204.3	221.7	221.0
168	219.9	217.3	215.4	214.6	214.5	214.2	214.5	212.1
192	210.3	209.0	208.2	207.3	207.0	204.2	201.9	197.1
216	193.0	190.4	188.5	185.7	183.4	182.7	182.5	181.4
240	180.7	178.7	177.1	173.1	171.1	169.9	169.2	169.3
264	170.0	170.8	172.1	171.8	172.1	171.7	171.8	172.0
288	172.7	172.9	173.6	172.9	172.7	172.7	173.3	173.2
312	173.6	173.6	174.2	175.1	176.5	177.5	178.9	180.5
336	182.5	179.2	176.5	175.6	175.1	174.8	175.1	174.5



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**WALL RANGES VS DEPTH**

DEPTH	2580.0							
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	175.7	173.8	172.4	173.2	174.5	173.3	172.7	175.4
24	178.6	177.5	176.8	174.8	173.3	172.0	171.2	169.7
48	168.8	167.0	165.8	165.4	165.5	165.3	165.5	163.8
72	162.5	161.5	161.0	160.9	161.3	161.5	162.2	162.0
96	162.2	159.7	157.7	160.3	163.4	164.8	166.7	167.9
120	169.7	172.2	175.4	178.5	182.2	188.0	194.8	196.3
144	200.1	202.0	204.2	204.3	204.6	213.1	222.8	222.5
168	222.8	219.4	216.6	216.0	216.0	213.7	212.1	210.3
192	209.1	208.2	207.9	204.9	202.5	199.4	196.9	194.8
216	193.3	188.7	184.9	184.2	184.0	183.6	183.7	181.4
240	179.5	179.4	179.8	175.3	171.5	170.6	170.3	170.0
264	170.3	170.5	171.2	171.1	171.5	171.1	171.2	171.5
288	172.4	172.7	173.6	173.2	173.3	173.0	173.3	173.0
312	173.3	172.9	173.0	175.4	178.3	177.9	178.0	179.0
336	180.4	177.8	175.7	174.5	173.9	176.1	178.9	177.0

DEPTH	2590.0							
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	173.6	172.4	171.8	171.8	172.4	174.2	176.5	176.5
24	176.8	176.9	177.4	176.6	176.2	172.7	169.7	169.0
48	168.8	169.1	170.0	168.2	167.0	164.8	163.1	162.9
72	163.1	161.8	161.0	160.2	159.8	160.0	160.7	160.3
96	160.4	157.9	155.9	155.9	156.2	160.8	166.1	169.9
120	174.5	174.2	174.5	178.2	182.5	186.6	191.5	196.3
144	201.9	201.7	201.9	204.3	207.3	213.0	219.6	221.2
168	223.4	220.4	218.1	217.5	217.5	215.4	213.9	212.1
192	210.9	209.1	207.9	207.6	207.9	201.2	195.4	194.0
216	193.3	188.6	184.6	184.5	184.9	184.5	184.6	181.9
240	179.8	176.7	174.2	173.9	174.2	173.0	172.4	171.1
264	170.3	170.5	171.2	170.9	171.2	171.2	171.8	171.5
288	171.8	171.5	171.8	171.5	171.8	172.0	172.7	172.4
312	172.7	172.4	172.7	174.2	176.2	178.8	181.9	181.7
336	181.9	178.8	176.2	174.8	173.9	175.2	177.1	175.1

DEPTH	2600.0							
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	177.1	171.7	171.3	172.4	172.7	174.3	176.5	176.6
24	177.1	176.8	176.8	176.3	176.2	171.6	167.6	167.5
48	167.9	167.7	167.9	164.9	162.5	161.8	161.6	161.4
72	161.6	161.4	161.6	161.2	161.3	160.0	159.2	159.0
96	159.2	159.2	159.5	159.3	159.5	161.8	164.6	167.7
120	171.6	173.7	182.6	179.1	182.9	186.8	191.4	193.7
144	204.9	205.4	206.4	205.8	205.8	205.8	222.1	220.3
168	222.1	216.6	216.9	216.4	216.6	216.0	216.0	209.6
192	206.6	207.1	208.2	205.6	208.2	201.0	194.8	194.7
216	192.2	189.6	190.9	187.6	184.9	184.7	184.9	184.5
240	184.6	178.5	173.3	172.3	174.0	173.1	172.6	171.2
264	170.3	170.0	172.7	172.0	171.8	171.1	171.6	171.7
288	172.4	172.3	172.7	172.3	172.4	172.3	172.7	172.4
312	172.7	172.4	172.7	175.2	175.1	177.3	180.2	179.8
336	179.9	176.9	173.8	172.9	174.5	173.9	173.9	175.2





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**WALL RANGES VS DEPTH**

DEPTH	2605.0							
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	172.4	171.8	171.8	170.9	170.6	170.8	175.3	176.1
24	176.5	176.9	177.7	176.8	176.2	171.9	168.2	167.8
48	167.9	167.7	167.9	164.6	161.9	161.5	161.6	161.4
72	161.6	159.4	157.7	158.4	159.5	159.3	159.5	159.6
96	160.1	159.3	158.9	161.2	164.0	161.2	164.1	167.6
120	171.6	174.0	181.9	179.6	183.1	186.7	191.1	194.2
144	205.1	203.5	205.4	204.8	204.9	204.3	221.0	220.0
168	221.4	216.7	216.6	216.4	216.9	212.9	209.7	207.9
192	206.7	205.4	207.3	205.2	206.4	199.2	193.0	194.3
216	192.5	189.0	190.9	188.4	186.4	185.6	185.2	183.1
240	181.6	177.6	174.2	173.3	173.0	172.9	173.3	171.4
264	170.0	170.2	170.9	171.1	171.8	171.8	172.4	172.3
288	172.7	172.1	172.1	172.1	172.7	172.3	172.4	172.1
312	172.4	172.0	172.1	172.0	172.4	176.5	181.3	179.7
336	178.6	179.7	173.6	173.0	173.7	174.1	173.3	172.6

DEPTH	2610.0							
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	172.4	170.8	169.7	170.2	171.2	172.3	174.0	175.6
24	177.7	176.3	175.5	173.2	171.4	168.9	166.9	167.1
48	167.7	167.4	167.7	166.4	165.7	163.2	161.2	160.4
72	160.1	158.8	157.9	157.3	157.1	157.9	159.1	158.9
96	159.1	156.6	154.6	157.1	160.1	161.8	163.9	167.5
120	171.7	174.3	177.5	180.1	183.2	186.7	190.8	194.7
144	199.3	201.5	204.3	203.7	203.6	210.8	219.1	219.6
168	220.6	217.9	215.9	215.3	215.4	213.2	211.6	210.1
192	209.1	207.4	206.3	204.9	204.1	199.4	195.5	193.9
216	192.8	188.4	184.7	185.0	185.8	184.6	184.0	182.9
240	182.2	180.9	180.0	177.1	174.7	174.0	173.7	171.3
264	169.4	169.6	170.2	170.1	170.4	171.0	171.9	171.6
288	171.7	172.2	173.2	171.8	170.9	171.5	172.4	171.7
312	171.4	171.8	172.7	173.7	175.2	177.0	179.2	179.5
336	180.2	176.5	173.5	173.0	173.0	174.5	176.5	174.2

DEPTH	2615.0							
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	100.6	101.2	101.7	101.7	101.7	101.7	101.7	101.2
24	100.6	100.6	100.6	100.6	100.6	100.6	100.6	100.5
48	100.4	101.2	102.0	102.0	102.0	101.3	100.6	100.6
72	100.6	101.2	101.7	101.7	101.7	101.2	100.6	100.6
96	100.6	101.3	102.0	102.0	102.0	101.9	101.7	101.9
120	102.0	101.3	100.6	101.3	102.0	102.0	102.0	101.9
144	101.7	101.7	101.7	101.2	100.6	101.3	102.0	102.0
168	102.0	102.0	102.0	102.0	102.0	102.0	102.0	102.0
192	102.0	102.0	102.0	102.0	102.0	102.0	102.0	101.3
216	100.6	101.2	101.7	101.2	100.6	101.3	102.0	102.0
240	102.0	102.0	102.0	101.9	101.7	101.7	101.7	101.9
264	102.0	101.3	100.6	100.6	100.6	100.6	100.6	101.2
288	101.7	101.7	101.7	101.7	101.7	101.7	101.7	101.2
312	100.6	101.2	101.7	101.7	101.7	101.7	101.7	101.7
336	101.7	101.7	101.7	101.2	100.6	100.6	100.6	100.6



CUSTOMER : Eagle US 2, LLC  
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**WALL RANGES VS DEPTH**

DEPTH	2615.0		TILT	85		VOS	5976.00	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	102.6	102.4	102.3	101.9	101.5	102.0	102.6	101.9
24	101.2	101.7	102.3	101.7	101.2	101.3	101.5	102.0
48	102.6	101.7	100.9	101.0	101.2	101.9	102.6	101.9
72	101.2	101.2	101.2	101.9	102.6	101.7	100.9	101.7
96	102.6	101.9	101.2	101.0	100.9	100.9	100.9	100.9
120	100.9	101.6	102.3	102.4	102.6	101.9	101.2	101.9
144	102.6	102.6	102.6	102.4	102.3	102.4	102.6	102.4
168	102.3	102.4	102.6	102.4	102.3	102.3	102.3	102.3
192	102.3	102.3	102.3	102.3	102.3	102.4	102.6	102.6
216	102.6	102.6	102.6	101.7	100.9	101.6	102.3	101.6
240	100.9	101.6	102.3	102.3	102.3	102.3	102.3	102.3
264	102.3	102.3	102.3	102.3	102.3	101.7	101.2	101.6
288	102.0	101.6	101.2	101.2	101.2	101.2	101.2	101.0
312	100.9	100.9	100.9	101.0	101.2	101.0	100.9	101.6
336	102.3	101.7	101.2	101.7	102.3	102.4	102.6	102.6

DEPTH	2615.0		TILT	80		VOS	5976.00	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	103.1	103.1	103.1	103.5	103.9	103.9	103.9	103.2
24	102.6	102.5	102.6	102.7	102.8	102.5	102.3	103.1
48	103.9	103.9	103.9	103.2	102.6	102.5	102.6	102.4
72	102.3	103.1	103.9	103.0	102.0	102.3	102.6	102.7
96	102.8	102.4	102.0	102.3	102.6	102.4	102.3	102.1
120	102.0	102.3	102.6	103.2	103.9	103.9	103.9	103.9
144	103.9	103.9	103.9	103.1	102.3	102.3	102.3	103.1
168	103.9	103.9	103.9	103.5	103.1	103.1	103.1	103.5
192	103.9	103.1	102.3	102.4	102.6	103.4	104.2	103.5
216	102.8	103.0	103.1	103.0	102.8	103.0	103.1	103.1
240	103.1	102.8	102.6	103.2	103.9	103.4	102.8	102.7
264	102.6	102.7	102.8	102.5	102.3	102.5	102.8	102.7
288	102.6	102.4	102.3	102.3	102.3	102.3	102.3	103.0
312	103.7	103.1	102.6	102.4	102.3	103.2	104.2	104.1
336	103.9	103.8	103.7	103.6	103.7	103.4	103.1	103.1

DEPTH	2615.0		TILT	75		VOS	5976.00	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	105.9	105.2	104.5	105.0	105.6	105.2	104.8	104.9
24	105.0	105.2	105.3	105.0	104.8	105.2	105.6	105.6
48	105.6	105.4	105.3	105.3	105.3	105.0	104.8	104.6
72	104.5	104.9	105.3	105.2	105.0	105.0	105.0	104.9
96	104.8	104.6	104.5	104.6	104.8	104.5	104.2	104.7
120	105.3	104.7	104.2	104.9	105.6	105.2	104.8	104.7
144	104.8	104.7	104.8	104.7	104.8	105.0	105.3	105.0
168	104.8	104.9	105.0	105.2	105.3	105.4	105.6	105.0
192	104.5	104.5	104.5	104.9	105.3	105.3	105.3	105.3
216	105.3	105.0	104.8	105.0	105.3	105.2	105.0	105.0
240	105.0	105.7	106.4	106.0	105.6	105.3	105.0	105.2
264	105.3	105.6	105.9	105.6	105.3	105.4	105.6	105.4
288	105.3	105.6	105.9	105.4	105.0	104.7	104.5	105.3
312	106.1	105.6	105.0	105.0	105.0	105.0	105.0	104.9
336	104.8	104.5	104.2	104.5	104.8	104.6	104.5	105.2



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**WALL RANGES VS DEPTH**

DEPTH	2615.0		TILT 70			VOS 5976.00		
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	109.7	108.6	107.5	107.3	107.2	107.8	108.3	108.3
24	108.3	108.3	108.3	108.7	109.2	109.0	108.9	108.3
48	107.8	108.2	108.6	109.0	109.4	108.9	108.3	108.6
72	108.9	108.6	108.3	108.0	107.8	108.0	108.3	108.0
96	107.8	107.8	107.8	107.9	108.1	108.0	108.1	108.0
120	108.1	108.0	108.1	107.9	107.8	107.5	107.2	107.5
144	107.8	108.0	108.3	108.3	108.3	108.3	108.3	107.8
168	107.2	107.5	107.8	107.8	107.8	108.3	108.9	108.6
192	108.3	108.7	109.2	108.6	108.1	108.0	108.1	107.9
216	107.8	107.8	107.8	108.7	109.7	108.7	107.8	108.0
240	108.3	108.0	107.8	107.8	107.8	107.9	108.1	108.3
264	108.6	108.6	108.6	108.3	108.1	108.7	109.4	109.4
288	109.4	109.0	108.6	108.4	108.3	108.0	107.8	107.8
312	107.8	108.4	109.2	109.1	109.2	109.0	108.9	108.3
336	107.8	107.8	107.8	108.0	108.3	107.8	107.2	108.4

DEPTH	2615.0		TILT 65			VOS 5976.00		
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	111.9	111.9	111.9	111.9	111.9	111.7	111.6	111.9
24	112.2	112.0	111.9	111.6	111.3	111.3	111.3	111.6
48	111.9	111.9	111.9	112.3	112.7	112.3	111.9	111.9
72	111.9	111.3	110.8	111.3	111.9	111.6	111.3	111.6
96	111.9	111.7	111.6	111.5	111.3	112.0	112.7	112.7
120	112.7	112.7	112.7	112.6	112.4	112.6	112.7	112.4
144	112.2	112.7	113.3	112.4	111.6	111.9	112.2	111.7
168	111.3	111.3	111.3	111.3	111.3	112.4	113.5	113.0
192	112.4	111.9	111.3	112.0	112.7	112.7	112.7	112.8
216	113.0	113.0	113.0	113.1	113.3	113.5	113.8	112.8
240	111.9	111.6	111.3	112.1	113.0	112.8	112.7	112.6
264	112.4	112.4	112.4	111.9	111.3	111.5	111.6	112.4
288	113.3	113.1	113.0	112.4	111.9	111.9	111.9	112.0
312	112.2	113.4	114.6	113.5	112.4	113.1	113.8	114.2
336	114.6	113.5	112.4	113.0	113.5	113.1	112.7	112.3

DEPTH	2615.0		TILT 60			VOS 5976.00		
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	118.8	118.7	118.8	118.5	118.2	118.2	118.2	118.2
24	118.2	117.4	116.6	116.5	116.6	117.2	117.9	117.5
48	117.1	117.2	117.4	117.8	118.2	117.9	117.7	117.8
72	117.9	117.5	117.1	117.2	117.4	117.5	117.7	117.2
96	116.8	117.4	117.9	117.5	117.1	116.9	116.8	117.2
120	117.7	117.6	117.7	117.5	117.4	117.4	117.4	117.6
144	117.9	118.5	119.0	118.0	117.1	117.5	117.9	117.2
168	116.6	116.3	116.0	116.5	117.1	117.4	117.7	117.4
192	117.1	116.7	116.3	116.8	117.4	118.3	119.3	118.6
216	117.9	118.0	118.2	118.3	118.5	118.6	118.8	118.7
240	118.8	119.1	119.6	119.4	119.3	119.1	119.0	118.9
264	118.8	118.3	117.9	117.9	117.9	118.6	119.3	118.2
288	117.1	116.8	116.6	117.2	117.9	117.8	117.7	118.2
312	118.8	118.3	117.9	118.7	119.6	118.7	117.9	118.2
336	118.5	118.7	119.0	118.7	118.5	118.2	117.9	118.3



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**WALL RANGES VS DEPTH**

DEPTH	2615.0		TILT		55		VOS		5976.00
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21	
0	124.3	123.8	123.4	123.4	123.4	123.7	124.0	123.7	
24	123.4	123.7	124.0	124.8	125.6	124.9	124.3	125.0	
48	125.9	125.0	124.3	124.4	124.5	124.4	124.3	124.5	
72	124.8	124.9	125.1	124.1	123.2	124.3	125.6	125.5	
96	125.4	124.3	123.4	124.2	125.1	125.6	126.2	125.0	
120	124.0	123.8	123.7	123.4	123.2	123.9	124.8	123.8	
144	122.9	123.7	124.5	124.4	124.3	123.7	123.2	123.7	
168	124.3	123.1	122.1	123.4	124.8	124.9	125.1	125.9	
192	126.7	125.3	124.0	124.8	125.6	124.6	123.7	124.8	
216	125.9	126.0	126.2	125.4	124.8	125.2	125.6	124.8	
240	124.0	123.9	124.0	124.8	125.6	125.5	125.4	125.5	
264	125.6	125.0	124.5	124.4	124.3	124.1	124.0	123.9	
288	124.0	124.1	124.3	124.6	125.1	124.1	123.2	123.9	
312	124.8	125.2	125.6	124.8	124.0	124.8	125.6	126.3	
336	127.0	126.1	125.4	126.0	126.7	125.9	125.1	124.6	

DEPTH	2615.0		TILT		50		VOS		5976.00
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21	
0	132.8	133.0	133.3	134.1	135.0	135.3	135.8	134.5	
24	133.3	134.5	135.8	133.4	131.1	132.0	133.1	133.7	
48	134.4	134.0	133.6	133.8	134.2	133.8	133.6	134.1	
72	134.7	133.1	131.7	131.8	132.0	132.3	132.8	133.1	
96	133.6	133.3	133.1	133.8	134.7	133.9	133.3	133.4	
120	133.6	133.3	133.1	133.8	134.7	132.5	130.6	132.5	
144	134.7	133.7	132.8	134.2	135.8	134.6	133.6	132.6	
168	131.7	132.8	134.2	134.4	134.7	133.3	132.0	132.8	
192	133.9	132.7	131.7	133.1	134.7	134.9	135.3	134.2	
216	133.3	133.4	133.6	133.3	133.1	133.1	133.3	133.8	
240	134.4	134.6	135.0	134.2	133.6	133.5	133.6	133.8	
264	134.2	135.0	136.1	134.6	133.3	132.9	132.5	133.4	
288	134.4	134.0	133.6	133.5	133.6	133.3	133.1	133.5	
312	134.2	133.7	133.3	134.2	135.3	135.1	135.0	134.5	
336	134.2	133.7	133.3	133.3	133.3	132.7	132.2	132.4	

DEPTH	2615.0		TILT		45		VOS		5976.00
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21	
0	147.4	145.2	143.2	144.8	146.5	145.7	145.2	144.9	
24	144.9	146.3	147.9	146.6	145.4	145.2	145.2	143.5	
48	142.1	142.7	143.5	143.3	143.2	144.5	146.0	146.2	
72	146.5	146.2	146.0	145.9	146.0	144.8	143.8	145.5	
96	147.4	147.0	146.8	146.0	145.4	145.7	146.3	146.3	
120	146.5	147.0	147.6	146.1	144.9	145.6	146.5	145.3	
144	144.3	144.9	145.7	145.2	144.9	144.7	144.6	145.7	
168	147.1	146.0	145.2	144.9	144.9	144.2	143.8	145.2	
192	146.8	147.0	147.4	145.7	144.3	144.1	144.1	146.1	
216	148.5	145.6	143.0	144.6	146.5	145.6	144.9	144.2	
240	143.8	144.9	146.3	145.9	145.7	146.2	146.8	147.7	
264	148.7	146.3	144.1	144.8	145.7	146.2	146.8	145.2	
288	143.8	145.0	146.5	146.2	146.0	145.2	144.6	144.9	
312	145.4	145.9	146.5	144.9	143.5	144.6	146.0	145.6	
336	145.4	144.8	144.3	143.8	143.5	144.5	145.7	146.4	



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**WALL RANGES VS DEPTH**

DEPTH	2615.0		TILT	40		VOS	5976.00	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	158.4	158.1	158.1	159.9	161.9	160.4	159.2	158.8
24	158.6	159.3	160.3	158.3	161.6	160.0	160.3	160.4
48	160.8	159.6	158.6	158.1	157.8	160.2	163.0	161.8
72	160.8	160.1	159.6	159.9	160.6	161.2	162.2	160.1
96	158.4	158.8	159.5	159.6	160.0	160.3	160.8	160.8
120	161.1	158.9	157.0	157.4	158.1	157.4	157.0	157.3
144	157.8	157.7	157.8	159.8	162.2	160.0	158.1	160.3
168	162.8	160.4	158.4	163.1	164.6	157.8	159.2	158.6
192	158.4	159.6	161.1	161.0	161.1	160.3	159.7	160.2
216	160.8	159.6	158.6	159.3	160.3	158.3	161.4	159.5
240	162.8	161.1	159.7	159.3	159.2	159.6	160.3	159.2
264	158.4	158.6	159.2	159.3	159.7	158.4	157.3	159.6
288	162.2	160.4	158.9	159.2	159.7	160.3	161.1	159.5
312	158.1	159.2	160.6	161.0	161.7	159.9	158.4	159.2
336	160.3	161.6	163.3	160.8	158.6	158.8	159.2	158.6

DEPTH	2615.0		TILT	35		VOS	5976.00	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	182.0	180.2	178.7	179.0	179.6	179.3	179.3	179.5
24	180.1	179.1	178.5	178.3	178.5	178.3	178.5	178.0
48	177.9	177.6	177.6	181.5	185.9	185.6	185.6	185.0
72	184.8	183.0	181.5	181.6	182.0	182.6	183.4	182.4
96	181.8	181.0	180.7	180.4	180.4	180.1	180.1	180.4
120	180.9	180.6	180.7	179.9	179.6	178.7	178.2	179.8
144	181.8	182.2	183.0	183.9	176.6	183.4	182.0	183.0
168	184.2	181.6	179.3	179.8	180.7	180.6	180.9	180.6
192	180.7	180.2	180.1	179.8	179.8	180.2	181.0	178.9
216	177.1	177.7	178.7	177.9	177.4	180.3	183.7	181.1
240	178.9	179.0	179.3	179.9	180.9	179.2	177.9	178.2
264	178.7	179.7	180.9	181.3	182.0	179.4	177.1	179.0
288	181.2	181.2	181.5	181.0	180.9	179.8	179.0	181.8
312	185.1	181.8	179.0	180.1	181.5	180.2	179.3	179.0
336	179.0	179.4	180.1	178.4	177.1	177.6	178.5	180.1

DEPTH	2615.0		TILT	30		VOS	5976.00	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	193.3	189.5	189.7	189.8	190.2	190.2	190.8	191.3
24	192.4	192.9	193.8	192.5	191.6	190.3	189.4	187.6
48	186.1	184.8	183.9	183.0	182.5	181.9	181.7	181.0
72	180.6	180.2	180.1	178.5	177.3	178.0	179.0	179.1
96	179.5	177.0	174.9	177.2	180.1	180.2	180.6	183.9
120	187.8	191.4	196.7	196.7	197.0	199.5	202.6	206.0
144	210.0	213.6	202.7	216.1	201.4	203.1	208.4	209.9
168	212.0	210.8	210.0	205.6	201.8	205.0	208.7	213.5
192	205.1	211.9	205.6	204.5	203.7	207.8	212.5	210.6
216	209.2	207.1	205.4	202.4	201.0	199.2	199.0	198.0
240	197.4	196.1	195.2	196.2	199.6	198.6	199.9	199.7
264	198.3	198.2	198.5	196.1	194.9	194.9	195.2	193.9
288	194.1	193.6	194.6	193.6	194.1	194.1	194.4	194.3
312	194.7	194.6	195.2	195.8	196.8	198.4	198.4	200.0
336	200.5	198.6	193.8	193.0	192.6	191.8	193.0	190.8



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**WALL RANGES VS DEPTH**

DEPTH	2615.0		TILT		25		VOS		5976.00
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21	
0	189.7	187.8	186.4	185.6	185.3	186.6	188.3	188.7	
24	189.4	189.3	189.7	188.9	188.6	186.0	183.9	183.6	
48	183.6	181.5	179.8	179.0	178.7	178.2	178.1	177.5	
72	177.6	176.3	175.3	175.0	175.1	175.2	175.8	175.1	
96	174.7	174.3	170.7	170.8	171.3	174.6	176.7	178.2	
120	183.4	186.8	190.8	192.6	194.9	198.1	201.8	204.1	
144	207.0	210.6	214.7	212.8	211.4	220.0	233.0	230.8	
168	231.2	227.2	224.4	224.2	226.0	223.2	221.0	219.3	
192	218.0	219.3	221.0	218.8	220.1	216.7	212.8	210.0	
216	208.8	206.2	204.5	200.4	201.2	197.1	195.6	195.4	
240	195.6	195.3	196.0	190.6	185.8	184.9	184.5	186.2	
264	188.3	188.8	189.7	188.1	190.0	188.7	187.9	186.7	
288	188.6	188.1	188.0	187.7	187.8	187.3	187.2	187.8	
312	188.9	188.7	188.9	190.3	192.2	193.9	196.0	196.8	
336	197.9	192.9	188.6	187.8	187.5	188.6	190.2	189.8	

DEPTH	2615.0		TILT		20		VOS		5976.00
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21	
0	186.4	184.2	182.5	182.9	183.6	184.4	185.6	186.4	
24	187.8	187.3	187.2	186.0	185.3	182.8	180.9	179.4	
48	178.4	176.7	175.4	174.8	174.6	174.5	174.9	173.0	
72	171.6	170.9	170.7	170.0	169.6	170.5	171.8	172.2	
96	172.9	169.1	165.8	168.1	171.0	172.2	173.8	177.2	
120	176.8	181.5	188.6	191.3	194.6	196.7	199.3	203.1	
144	207.6	210.4	213.9	211.8	210.3	219.1	229.3	227.9	
168	227.1	225.0	223.5	223.4	223.8	221.7	220.2	218.1	
192	216.6	216.5	216.9	214.4	212.5	209.8	207.6	204.5	
216	202.1	199.0	196.6	196.7	195.5	191.8	189.7	188.5	
240	188.5	188.5	189.0	183.1	180.9	179.7	179.0	179.3	
264	180.1	181.5	183.4	183.6	184.2	183.3	182.8	183.3	
288	184.2	184.2	184.7	184.1	183.9	183.4	183.4	183.7	
312	184.5	184.2	184.5	186.0	188.0	188.9	189.7	191.1	
336	193.0	189.3	186.3	185.3	185.3	185.6	186.4	186.2	

DEPTH	2615.0		TILT		15		VOS		5976.00
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21	
0	179.8	179.2	179.0	178.5	178.4	179.0	180.1	182.4	
24	185.3	184.8	184.7	182.7	181.2	179.0	177.3	175.4	
48	174.0	172.7	171.8	169.7	169.9	169.8	170.2	169.7	
72	169.9	168.3	167.2	166.5	166.3	167.1	168.3	167.6	
96	167.4	164.4	161.9	164.8	168.3	169.4	172.2	174.5	
120	177.2	180.2	184.7	186.5	188.9	193.6	199.0	202.3	
144	206.2	208.9	212.2	210.3	209.4	216.2	224.6	224.9	
168	225.7	223.6	222.1	221.6	221.6	220.1	219.1	216.9	
192	213.6	212.9	212.7	212.4	212.7	207.5	205.1	201.8	
216	199.0	195.6	192.7	190.8	189.4	188.9	188.9	186.5	
240	184.7	183.3	182.3	179.4	177.1	175.9	175.1	175.2	
264	175.7	176.7	178.1	177.5	177.3	177.2	177.6	178.2	
288	179.2	179.0	179.2	178.5	178.1	178.3	179.0	178.6	
312	178.7	178.5	178.7	181.0	183.9	185.3	187.2	187.3	
336	187.8	185.0	182.8	182.0	181.7	182.4	181.1	181.5	



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**WALL RANGES VS DEPTH**

DEPTH	2615.0		TILT		10		VOS		5976.00
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21	
0	176.5	175.6	175.1	174.6	174.6	175.2	176.2	177.9	
24	180.1	179.3	179.0	176.5	174.6	173.1	172.1	171.9	
48	172.1	172.0	172.4	171.2	170.5	167.6	165.2	165.0	
72	165.2	163.8	162.8	162.1	161.9	162.3	163.0	162.4	
96	162.2	159.8	157.8	161.0	164.7	166.0	167.7	170.7	
120	174.3	176.9	180.0	183.0	186.7	191.1	196.3	199.4	
144	203.2	205.1	207.6	207.4	207.8	214.5	225.8	225.3	
168	223.2	221.1	219.7	219.0	218.8	217.4	216.6	214.0	
192	212.0	210.7	210.0	207.7	205.9	202.9	200.4	198.2	
216	196.6	191.6	187.7	187.1	187.8	186.0	184.7	182.7	
240	181.2	180.7	180.6	177.3	174.6	173.9	173.8	173.0	
264	172.7	173.8	175.4	174.2	173.5	173.4	173.8	173.8	
288	174.3	174.5	175.1	174.1	173.5	174.3	175.7	175.0	
312	174.9	175.0	175.7	176.9	178.7	180.9	183.6	183.1	
336	183.1	179.9	177.3	176.4	176.0	178.0	180.6	178.3	

DEPTH	2615.0		TILT		5		VOS		5976.00
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21	
0	177.6	172.3	171.9	173.1	173.3	175.0	177.2	177.3	
24	177.8	177.4	177.2	177.0	176.9	172.2	168.3	168.2	
48	168.5	168.2	168.9	165.5	163.0	162.4	162.2	162.3	
72	162.9	160.7	158.9	158.6	161.6	160.5	159.9	159.7	
96	159.6	159.8	160.0	160.3	161.0	162.9	164.9	168.3	
120	172.2	174.3	182.6	179.7	183.5	187.5	192.3	196.4	
144	201.3	203.3	205.8	205.3	205.3	212.9	221.6	221.5	
168	221.9	220.0	218.6	217.1	216.1	214.8	214.1	211.5	
192	209.6	208.9	208.8	206.5	208.9	201.8	196.0	194.1	
216	192.8	190.5	188.8	186.7	185.2	184.6	184.5	184.4	
240	184.7	179.1	173.9	172.9	174.7	173.7	173.2	171.8	
264	170.9	170.6	173.3	172.6	172.4	171.7	172.2	172.3	
288	173.0	173.0	173.5	172.3	173.0	172.9	173.3	173.1	
312	173.3	173.1	173.3	175.8	176.0	178.1	180.7	180.5	
336	180.7	177.3	174.5	173.6	175.1	174.6	174.6	175.9	

DEPTH	2615.0		TILT		0		VOS		5976.00
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21	
0	172.4	171.2	170.4	170.5	170.9	172.0	173.5	174.8	
24	176.7	175.8	175.5	174.7	174.5	170.4	166.9	166.9	
48	167.4	166.9	166.9	166.7	166.9	163.5	160.7	158.9	
72	157.6	156.9	156.6	156.5	156.9	157.9	159.4	158.8	
96	158.6	156.5	154.9	156.4	158.4	160.6	163.4	166.7	
120	170.7	173.2	176.2	179.3	183.0	186.1	189.8	194.2	
144	199.3	200.8	202.8	203.0	203.8	210.8	218.9	219.2	
168	220.1	217.4	215.4	215.2	215.6	213.3	211.6	210.2	
192	209.3	208.3	207.8	204.5	201.8	198.2	195.3	192.6	
216	190.5	188.0	186.0	185.6	185.8	185.1	185.0	185.5	
240	186.5	183.2	180.5	177.3	174.7	174.6	175.0	171.9	
264	169.4	169.6	170.2	170.0	170.2	170.7	171.7	171.3	
288	171.4	172.1	173.2	171.6	170.4	171.1	172.2	171.2	
312	170.7	171.1	171.9	173.2	175.0	176.6	178.7	179.1	
336	180.0	176.5	173.7	172.8	172.4	173.9	176.0	173.9	



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**WALL RANGES VS DEPTH**

DEPTH	2620.0							
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	172.4	170.8	169.6	170.1	171.0	171.0	171.6	174.2
24	177.3	176.0	175.1	174.6	174.6	169.8	165.8	166.1
48	166.9	166.2	166.1	164.9	164.1	162.1	160.6	158.8
72	157.5	156.9	156.7	157.3	158.4	158.6	159.2	158.7
96	158.6	156.3	154.5	157.1	160.3	161.8	163.9	166.6
120	169.9	172.1	174.9	177.3	180.3	184.4	189.1	193.6
144	198.8	200.9	203.7	203.6	204.0	209.2	215.3	217.3
168	219.9	217.6	215.8	215.4	215.5	213.3	211.7	210.2
192	209.2	207.4	206.2	203.7	201.8	198.7	196.3	193.7
216	191.6	187.9	184.7	184.8	185.3	183.9	183.1	184.6
240	186.7	182.9	179.8	177.3	175.4	174.7	174.6	171.1
264	168.3	168.8	169.9	169.7	169.9	170.5	171.6	171.0
288	171.0	171.9	173.2	171.7	170.7	171.0	171.8	171.0
312	170.7	170.9	171.6	172.9	174.9	176.8	179.2	179.1
336	179.5	176.3	173.8	172.8	172.4	173.9	176.0	173.9

DEPTH	2630.0							
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	171.8	170.1	168.8	169.3	170.2	171.2	172.7	174.6
24	177.1	175.8	175.1	175.0	175.4	170.2	165.8	165.8
48	166.3	166.0	166.1	165.3	165.0	162.4	160.3	158.5
72	157.3	156.8	156.7	157.2	158.1	158.1	158.6	158.4
96	158.6	156.0	154.0	156.6	159.7	161.4	163.6	165.3
120	167.4	171.5	176.2	178.2	180.6	184.9	190.0	193.9
144	198.5	200.8	203.7	203.7	204.3	210.8	218.3	218.5
168	219.4	216.7	214.7	214.3	214.4	212.5	211.1	208.5
192	206.5	205.4	204.8	202.6	201.0	197.8	195.2	193.1
216	191.6	187.7	184.5	184.8	185.6	183.8	182.5	184.3
240	186.7	183.1	180.1	177.7	176.0	175.7	176.0	171.9
264	168.5	168.8	169.6	169.5	169.9	170.8	172.1	171.3
288	171.0	171.5	172.4	171.0	170.2	170.8	171.8	170.9
312	170.5	170.6	171.3	172.7	174.6	176.9	179.8	179.4
336	179.5	175.8	172.7	172.1	172.1	173.5	175.4	173.4

DEPTH	2640.0							
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	171.3	170.1	169.4	169.4	169.9	171.3	173.2	174.7
24	176.8	175.4	174.6	172.3	170.5	167.7	165.5	166.2
48	167.4	166.4	165.8	164.4	163.6	161.4	159.7	158.8
72	158.4	156.9	155.9	156.2	157.0	157.6	158.6	157.3
96	156.4	154.8	153.7	156.2	159.2	161.3	163.9	166.7
120	170.2	172.5	175.4	178.5	182.3	185.4	189.1	193.2
144	197.9	199.6	201.8	202.1	202.9	209.6	217.5	218.1
168	219.4	216.4	214.2	213.7	213.9	211.8	210.3	207.7
192	205.6	205.8	206.5	203.0	200.1	196.9	194.4	192.6
216	191.3	187.6	184.5	184.9	185.8	183.2	181.2	183.6
240	186.7	183.6	181.2	179.4	178.1	177.4	177.1	172.9
264	169.4	169.1	169.4	169.4	169.9	170.8	172.1	171.2
288	170.7	171.4	172.7	171.3	170.5	170.8	171.6	170.6
312	170.2	170.2	170.7	172.3	174.3	176.8	179.8	179.1
336	179.0	175.1	171.8	171.7	172.1	173.6	175.7	173.2





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**WALL RANGES VS DEPTH**

DEPTH	2650.1							
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	171.0	169.2	168.0	168.4	169.4	171.2	173.5	174.5
24	176.0	174.6	173.8	171.0	168.8	167.6	166.9	166.4
48	166.3	166.2	166.6	164.7	163.3	161.1	159.5	157.9
72	156.7	156.2	156.2	156.6	157.5	157.6	158.1	157.5
96	157.3	155.4	154.0	157.1	160.8	161.7	163.0	166.0
120	169.6	172.2	175.4	177.2	179.5	183.7	188.6	192.8
144	197.7	200.0	202.9	202.7	203.2	208.1	213.9	216.2
168	219.1	216.3	214.2	213.6	213.6	211.7	210.3	208.9
192	208.1	207.1	206.7	203.0	199.9	197.0	194.6	192.7
216	191.3	188.6	186.4	185.7	185.6	183.1	181.2	183.0
240	185.3	184.8	184.7	182.0	179.8	173.7	168.5	168.0
264	168.0	168.6	169.6	169.7	170.2	170.8	171.8	170.9
288	170.5	171.2	172.4	171.0	170.2	170.4	171.0	170.8
312	171.0	171.2	171.8	173.0	174.6	176.8	179.5	176.6
336	174.3	173.0	172.1	171.7	171.8	173.2	175.1	172.8

DEPTH	2660.1							
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	171.0	169.1	167.7	168.2	169.1	170.2	171.8	173.5
24	175.7	174.7	174.3	173.5	173.2	170.3	168.0	166.5
48	165.5	165.0	165.0	162.9	161.4	160.3	159.7	159.1
72	158.9	157.3	156.2	156.1	156.4	157.2	158.4	156.9
96	155.9	154.3	153.1	155.6	158.6	160.3	162.5	165.7
120	169.6	172.1	175.1	178.0	181.4	184.8	188.9	192.8
144	197.4	199.7	202.6	202.2	202.3	209.1	216.9	217.2
168	218.0	215.5	213.6	213.2	213.3	211.5	210.3	207.1
192	204.5	204.3	204.5	202.0	200.1	196.8	194.1	192.0
216	190.5	188.3	186.7	185.9	185.6	184.1	183.1	182.3
240	182.0	183.4	185.3	177.9	171.6	170.2	169.4	168.4
264	168.0	168.3	169.1	169.5	170.5	171.4	172.9	171.4
288	170.5	171.0	172.1	170.8	169.9	170.1	170.7	170.4
312	170.5	170.4	170.7	172.1	174.0	176.9	180.3	177.7
336	175.7	173.8	172.4	171.5	171.0	172.5	174.6	172.5

DEPTH	2669.9							
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	170.7	168.8	167.4	168.0	169.1	170.7	172.9	173.0
24	173.5	173.4	173.8	171.0	168.8	168.0	167.7	166.4
48	165.5	164.6	164.1	162.0	160.3	159.8	159.7	158.5
72	157.8	156.5	155.6	155.8	156.4	157.0	158.1	157.5
96	157.3	154.8	152.9	155.9	159.5	160.7	162.5	165.6
120	169.4	171.7	174.6	177.0	180.1	183.9	188.3	192.1
144	196.6	199.3	202.6	202.6	203.2	209.5	216.9	217.7
168	219.1	216.0	213.6	213.0	213.1	211.9	211.4	209.2
192	207.6	205.6	204.3	203.2	202.6	197.6	193.3	192.0
216	191.3	187.9	185.0	181.0	177.6	179.3	181.4	180.4
240	179.8	178.4	177.6	175.0	172.9	170.5	168.5	167.9
264	167.7	168.0	168.8	169.7	171.0	171.2	171.8	170.8
288	170.2	170.9	172.1	170.6	169.6	170.2	171.3	170.5
312	170.2	169.9	170.2	171.8	174.0	175.3	177.1	177.5
336	178.4	175.0	172.1	171.5	171.3	172.4	174.0	172.1



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**WALL RANGES VS DEPTH**

DEPTH	2680.0		TILT		0		VOS		5976.00
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21	
0	170.7	168.7	167.2	167.6	168.5	169.1	170.2	171.3	
24	172.9	173.2	174.0	171.7	169.9	168.7	168.0	166.6	
48	165.8	164.4	163.6	161.7	160.3	159.4	158.9	157.7	
72	157.0	155.9	155.3	155.7	156.4	156.5	157.0	156.8	
96	157.0	154.5	152.6	155.3	158.6	160.6	163.0	165.4	
120	168.3	170.6	173.5	175.7	178.4	182.9	188.0	191.3	
144	195.2	198.3	202.1	201.7	201.8	207.6	214.4	216.3	
168	218.8	216.2	214.2	213.2	212.8	211.1	210.0	207.2	
192	205.1	203.8	203.2	201.4	200.1	196.9	194.4	192.4	
216	191.1	188.0	185.6	181.4	177.9	178.7	180.1	178.0	
240	176.5	175.2	174.3	172.8	171.8	169.9	168.5	168.0	
264	168.0	168.2	168.8	169.3	170.2	170.8	171.8	170.8	
288	170.2	170.9	172.1	170.8	169.9	170.1	170.7	170.1	
312	169.9	169.9	170.5	171.3	172.7	175.1	178.1	177.9	
336	178.1	174.0	170.5	170.5	171.0	172.1	173.8	172.0	

DEPTH	2690.0		TILT		0		VOS		5976.00
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21	
0	172.9	169.8	167.2	167.9	169.1	168.8	169.1	170.7	
24	172.9	172.7	172.9	171.7	171.0	168.5	166.6	165.3	
48	164.4	163.5	163.0	160.9	159.2	159.0	159.2	157.7	
72	156.7	155.9	155.6	155.7	156.2	156.6	157.5	156.9	
96	156.7	154.5	152.9	154.5	156.7	159.2	162.2	164.8	
120	168.0	170.3	173.2	175.7	178.7	181.8	185.6	190.4	
144	196.0	198.6	201.8	201.7	202.1	207.1	213.1	215.6	
168	218.8	215.5	212.8	212.6	213.1	211.8	211.1	208.6	
192	206.7	204.8	203.4	201.8	200.7	197.5	194.9	192.7	
216	191.1	188.2	185.8	181.8	178.4	175.7	173.5	174.7	
240	176.5	174.3	172.7	172.3	172.4	170.3	168.8	167.7	
264	167.1	165.6	164.7	164.5	164.7	162.1	160.0	158.3	
288	157.0	160.0	163.6	166.3	169.6	170.0	170.8	169.8	
312	169.4	167.5	166.1	169.5	173.5	175.3	177.6	177.6	
336	178.1	174.0	170.5	170.6	171.3	172.0	173.2	172.8	

DEPTH	2700.1		TILT		0		VOS		5977.00
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21	
0	144.6	145.5	146.7	155.6	166.1	167.1	168.6	170.6	
24	173.2	173.4	174.1	171.7	169.9	169.0	168.6	166.4	
48	154.5	162.1	160.0	159.5	159.5	159.3	159.5	159.8	
72	160.6	158.1	156.2	155.6	155.4	156.2	157.6	157.2	
96	157.3	155.0	153.2	154.6	156.5	158.0	160.0	162.6	
120	165.8	168.4	171.6	173.8	176.5	180.8	185.9	188.1	
144	190.8	194.7	199.3	196.3	193.9	194.3	195.2	197.9	
168	201.3	203.7	206.8	209.5	212.8	211.1	210.1	207.7	
192	205.9	203.4	201.5	198.3	195.6	194.9	194.7	192.9	
216	191.7	189.2	187.3	182.9	179.3	176.0	173.2	165.8	
240	159.5	155.0	151.2	149.8	148.8	146.2	144.1	140.8	
264	138.0	137.4	137.2	139.6	142.4	146.0	150.1	153.2	
288	156.7	155.4	154.5	150.8	147.7	146.9	146.6	149.3	
312	152.6	156.5	161.1	161.3	162.0	166.2	171.0	173.9	
336	177.4	174.5	160.6	157.5	157.2	167.1	155.9	153.9	



CUSTOMER : Eagle US 2, LLC  
 DATE : November 02, 2022

CAVERN : PPG No. 007B  
 OPERATION No. : 2



**WALL RANGES VS DEPTH**

DEPTH	2710.1							
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	134.2	127.4	121.5	133.3	147.9	153.2	159.2	153.9
24	157.6	151.6	153.7	151.1	148.2	148.6	149.3	143.1
48	137.8	135.6	133.9	139.9	146.8	153.1	160.3	160.0
72	160.0	157.6	155.6	155.1	155.1	156.0	157.3	156.8
96	156.7	154.3	152.3	154.0	156.2	158.5	161.4	154.0
120	147.7	146.6	146.0	151.2	157.3	158.0	159.2	164.4
144	170.5	172.3	174.6	176.5	179.0	177.5	176.5	180.7
168	185.6	185.6	186.1	182.4	179.3	184.5	190.5	189.0
192	188.1	183.9	180.4	175.8	182.7	172.8	174.3	173.0
216	172.2	169.1	166.6	164.2	162.2	155.0	148.8	146.9
240	145.5	141.2	137.5	134.5	132.0	127.8	124.3	124.3
264	124.6	128.8	133.6	137.5	141.9	145.4	149.6	147.6
288	146.0	144.0	142.4	141.7	141.3	135.5	130.4	130.7
312	131.4	139.0	147.9	150.6	153.7	153.5	153.7	152.2
336	151.1	146.6	142.6	144.4	146.6	144.3	142.4	138.0

DEPTH	2720.1							
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	102.6	103.1	103.9	111.2	119.9	126.3	133.8	129.9
24	126.5	129.5	133.1	133.6	134.5	131.2	136.9	119.7
48	112.5	114.9	117.7	112.2	107.5	121.1	139.1	139.2
72	139.7	139.9	140.5	144.7	149.6	149.1	149.0	146.7
96	144.9	141.6	138.9	141.1	143.8	143.3	143.3	136.2
120	130.1	130.2	130.6	134.2	138.3	139.8	141.6	143.4
144	145.7	150.2	155.4	154.9	154.8	156.9	159.5	160.1
168	161.1	161.5	162.2	162.0	162.2	161.9	162.0	162.4
192	163.3	162.4	162.0	157.2	153.2	157.9	163.3	159.2
216	155.6	152.5	149.9	143.7	138.3	134.9	132.0	128.0
240	124.6	119.2	114.7	110.8	107.5	104.6	102.0	100.1
264	98.4	109.3	123.2	123.7	124.6	125.9	127.6	128.2
288	129.2	126.7	124.6	114.3	124.0	106.3	107.0	108.3
312	110.0	120.1	132.5	131.1	130.1	129.9	130.1	124.5
336	119.6	121.9	124.6	122.4	120.7	119.2	101.9	109.6

DEPTH	2730.1							
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	81.2	84.9	82.5	81.3	107.0	96.9	118.8	116.5
24	114.7	111.4	108.6	110.5	112.7	113.3	114.1	106.0
48	99.3	97.3	95.7	91.9	88.5	88.7	89.1	84.1
72	79.8	97.8	126.8	129.8	133.4	133.2	133.4	135.7
96	138.6	133.0	128.1	125.7	123.7	114.1	106.1	109.1
120	112.5	112.9	113.6	113.7	114.1	119.2	125.1	128.3
144	132.0	132.5	133.4	136.9	141.1	143.0	145.5	141.9
168	138.9	141.8	145.2	148.5	152.3	151.0	150.1	149.8
192	149.9	145.6	141.9	141.6	141.6	140.3	139.4	138.4
216	137.8	135.3	133.4	123.0	114.4	111.1	108.3	104.7
240	101.5	99.7	98.2	93.6	89.6	89.9	82.5	93.0
264	96.0	99.3	103.1	104.3	105.9	104.9	104.2	105.7
288	107.5	103.8	100.6	96.5	92.9	91.6	90.5	92.6
312	95.1	94.5	94.0	102.5	113.0	112.7	112.8	106.5
336	101.2	105.6	110.8	109.0	107.5	99.3	82.5	89.9



CUSTOMER : Eagle US 2, LLC  
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**WALL RANGES VS DEPTH**

DEPTH	2740.0			TILT	0	VOS			5977.00
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21	
0	71.2	68.9	66.9	66.1	65.5	68.0	71.0	81.9	
24	97.1	94.4	92.1	89.2	99.8	89.7	93.2	83.7	
48	76.2	79.1	82.5	79.5	77.0	75.6	74.5	71.9	
72	69.6	71.5	73.7	71.6	69.9	87.9	119.1	115.5	
96	80.5	111.9	73.7	88.7	73.7	76.7	80.1	86.1	
120	67.9	90.7	69.8	95.7	96.0	100.9	106.7	109.5	
144	112.7	110.7	125.3	115.3	122.6	125.0	127.9	126.4	
168	125.4	129.1	133.4	133.0	133.1	131.9	131.2	132.5	
192	134.2	129.5	125.4	122.7	120.4	121.9	123.7	117.2	
216	111.6	107.8	104.5	100.4	96.8	95.3	94.0	93.6	
240	93.5	85.6	79.2	78.7	78.4	78.5	78.9	82.6	
264	86.9	87.1	87.4	87.6	88.0	88.4	89.1	87.6	
288	86.3	88.1	90.2	79.0	70.4	69.3	68.5	70.6	
312	73.2	74.1	75.4	80.7	87.2	87.9	88.8	86.7	
336	85.0	89.2	94.0	92.1	90.5	79.8	71.5	71.3	

DEPTH	2750.1			TILT	0	VOS			5977.00
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21	
0	70.7	66.6	63.2	66.0	69.3	69.9	70.7	73.4	
24	76.5	76.6	77.0	76.6	76.5	68.5	62.2	64.2	
48	66.6	66.3	66.3	63.0	60.2	60.7	61.3	62.7	
72	64.4	65.7	67.4	68.1	69.0	70.0	93.4	72.5	
96	74.0	73.7	73.7	73.5	73.4	69.9	66.8	67.3	
120	67.9	68.1	68.5	77.4	89.4	85.8	82.8	87.7	
144	93.5	95.0	96.8	96.1	106.3	99.5	113.1	109.5	
168	117.1	112.3	108.1	108.7	109.7	111.5	113.6	114.5	
192	115.8	112.2	109.2	103.4	98.4	100.5	102.8	98.0	
216	93.8	91.1	88.8	91.6	94.9	92.9	91.3	88.8	
240	86.6	83.1	80.0	79.2	78.7	78.5	78.7	75.3	
264	72.3	72.1	72.1	72.2	72.6	69.5	66.8	66.7	
288	66.8	57.9	51.2	50.8	50.6	52.0	53.6	56.2	
312	59.1	57.3	55.8	55.3	55.0	62.9	73.7	72.2	
336	71.0	72.9	75.1	67.6	61.6	61.8	62.2	66.1	

DEPTH	2759.9			TILT	0	VOS			5977.00
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21	
0	58.5	60.8	63.4	63.8	64.4	67.0	69.9	68.9	
24	68.1	67.3	66.8	68.2	69.9	65.1	61.0	59.6	
48	58.3	59.5	60.8	60.6	60.6	61.2	62.0	63.1	
72	64.4	65.2	66.1	66.6	67.3	67.9	68.7	69.1	
96	69.7	69.0	68.5	68.1	67.9	67.6	67.5	67.4	
120	67.5	66.9	66.5	68.3	70.5	69.6	68.9	71.3	
144	74.0	78.3	83.3	86.1	89.2	90.2	91.5	92.8	
168	102.7	92.3	90.4	93.2	96.3	96.4	96.7	95.5	
192	94.5	93.2	92.1	88.0	84.6	85.5	86.8	86.9	
216	87.2	88.9	90.9	87.7	85.0	85.1	85.6	85.5	
240	85.6	83.0	80.8	76.6	73.0	71.7	70.7	66.9	
264	63.6	62.5	61.6	62.0	62.6	62.9	63.4	53.5	
288	46.4	46.8	47.4	48.1	49.0	50.3	51.8	52.3	
312	52.9	47.2	42.7	40.7	39.0	39.9	60.0	47.1	
336	55.7	58.0	60.6	60.3	60.2	58.4	56.9	57.6	



CUSTOMER : Eagle US 2, LLC  
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**WALL RANGES VS DEPTH**

DEPTH	2770.0			TILT			0			VOS			5977.00		
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21							
0	58.5	59.9	61.4	61.8	62.4	62.8	63.4	64.1							
24	65.0	64.5	64.2	63.2	62.4	60.7	59.2	57.9							
48	56.9	57.8	59.0	59.3	59.8	60.9	62.2	63.1							
72	64.2	65.2	66.5	66.5	66.7	66.5	66.5	66.2							
96	66.1	67.1	68.3	67.7	67.3	67.4	67.7	67.8							
120	68.1	65.7	63.6	64.0	64.6	63.8	63.2	66.0							
144	69.3	71.4	73.8	73.8	74.0	78.4	83.5	84.5							
168	85.8	85.9	86.2	85.3	84.8	84.6	84.8	84.1							
192	83.7	83.9	84.4	81.9	79.9	81.2	82.7	81.4							
216	80.3	82.5	85.2	85.4	85.8	85.5	85.4	85.1							
240	85.2	84.2	83.5	81.0	78.9	72.3	71.5	67.7							
264	64.4	62.8	61.4	61.7	62.2	61.8	49.5	54.2							
288	48.6	47.6	46.8	48.2	49.8	50.5	51.4	52.4							
312	53.5	45.6	39.8	39.3	38.8	38.9	39.0	40.8							
336	42.9	47.6	53.7	54.3	55.1	56.3	57.7	58.1							

DEPTH	2780.1			TILT			0			VOS			5977.00		
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21							
0	59.6	60.0	60.6	61.0	61.6	62.0	62.6	62.0							
24	61.6	61.5	61.6	61.1	60.8	58.5	56.5	56.3							
48	56.3	57.0	57.9	58.1	58.3	59.8	61.6	62.8							
72	64.2	64.7	65.5	66.1	66.9	66.3	65.9	65.7							
96	65.7	66.8	68.1	68.6	69.3	68.8	68.5	68.4							
120	68.5	66.1	64.0	63.3	62.8	63.8	65.0	67.4							
144	70.1	72.7	75.6	71.1	67.3	69.7	72.6	74.2							
168	76.2	76.6	77.2	78.3	79.7	79.5	79.5	79.6							
192	79.9	81.2	82.7	82.7	84.1	81.1	79.5	79.8							
216	80.3	80.6	81.1	82.4	83.9	84.4	85.2	83.8							
240	83.9	82.6	81.7	80.1	78.7	71.5	68.7	69.1							
264	67.3	62.8	62.0	60.1	58.5	55.1	52.2	50.2							
288	48.4	48.4	48.6	48.9	49.4	50.3	51.4	52.2							
312	53.1	50.7	48.6	49.5	50.6	51.0	51.4	52.9							
336	54.7	53.9	53.9	53.9	55.3	56.5	57.9	58.7							

DEPTH	2790.0			TILT			0			VOS			5977.00		
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21							
0	60.4	58.4	56.7	57.3	58.1	57.5	57.1	56.1							
24	55.3	54.5	53.9	54.2	54.7	54.1	53.7	53.5							
48	53.5	54.1	54.9	56.2	57.7	59.7	62.0	63.1							
72	64.4	64.0	63.8	63.9	64.2	64.9	65.9	65.2							
96	64.6	65.2	65.9	66.6	67.5	67.5	67.7	69.5							
120	71.5	70.7	70.1	68.5	67.1	66.7	66.5	69.7							
144	73.4	74.1	75.0	71.6	68.7	70.9	73.4	75.3							
168	77.4	77.9	78.7	79.5	80.5	81.1	81.9	82.5							
192	83.3	83.9	84.8	84.4	84.4	83.4	82.7	82.7							
216	82.9	84.1	85.6	85.8	86.2	85.9	85.8	84.8							
240	84.1	82.1	80.3	80.0	79.9	76.4	73.4	71.2							
264	69.3	68.4	67.7	65.2	63.0	62.0	61.2	59.2							
288	57.5	58.8	60.4	58.4	62.5	56.2	61.2	55.3							
312	61.2	54.5	54.3	54.7	55.3	55.5	55.9	55.5							
336	55.3	54.5	53.9	55.7	57.7	58.0	58.3	59.3							



CUSTOMER : Eagle US 2, LLC  
 DATE : November 02, 2022

CAVERN : PPG No. 007B  
 OPERATION No. : 2



**WALL RANGES VS DEPTH**

DEPTH	2800.1		TILT			0		VOS		5979.00
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21		
0	59.2	58.2	57.3	57.8	58.4	58.1	58.0	56.1		
24	54.5	54.2	54.1	54.3	54.7	54.3	54.1	53.7		
48	53.5	54.3	55.3	56.6	58.2	59.6	61.2	62.5		
72	64.1	63.6	63.2	63.4	63.6	64.8	66.1	65.3		
96	64.7	64.7	64.9	65.8	66.9	67.4	68.1	69.3		
120	70.8	69.5	68.5	67.9	67.5	66.9	66.5	67.2		
144	68.1	69.4	71.0	74.2	78.1	79.7	81.5	83.8		
168	86.4	87.0	87.8	87.7	87.8	86.0	85.1	84.3		
192	85.2	85.6	86.2	86.5	87.0	85.5	84.2	85.0		
216	86.0	87.0	88.2	90.7	93.5	91.9	90.5	88.7		
240	87.2	85.7	84.4	81.2	78.5	76.8	75.4	72.5		
264	69.9	67.4	65.3	63.5	62.0	60.8	59.8	58.5		
288	56.7	56.1	55.7	56.2	56.9	56.8	56.7	56.6		
312	56.5	55.4	54.5	55.1	55.9	56.2	56.7	56.2		
336	55.9	54.9	54.1	55.7	57.5	56.9	56.3	57.6		

DEPTH	2810.1		TILT			0		VOS		5979.00
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21		
0	59.4	58.5	57.8	58.0	58.4	58.6	59.0	56.8		
24	54.9	55.0	55.3	55.4	55.7	54.4	53.3	53.3		
48	53.5	54.6	55.9	57.1	58.6	59.5	60.6	61.8		
72	63.2	63.3	63.4	62.8	62.4	63.0	63.8	64.1		
96	64.5	64.6	64.9	64.8	64.9	66.4	68.1	69.1		
120	70.4	69.4	68.7	67.9	67.3	67.3	67.5	68.5		
144	69.7	70.9	72.4	73.9	75.6	78.6	81.9	83.9		
168	86.2	86.8	87.6	87.8	88.2	87.1	86.2	86.2		
192	86.4	86.9	87.6	87.7	88.0	87.0	86.2	87.5		
216	89.1	89.3	89.9	91.1	92.7	91.7	90.9	88.7		
240	86.8	85.4	84.2	82.8	81.7	79.3	77.3	74.9		
264	72.8	69.6	66.9	65.8	64.9	63.4	62.2	60.5		
288	59.0	57.6	56.5	56.4	56.3	56.1	56.1	56.3		
312	56.7	55.3	54.1	54.4	54.9	55.4	56.1	55.9		
336	55.9	55.9	56.1	56.2	56.5	55.7	55.1	57.1		

DEPTH	2820.1		TILT			0		VOS		5979.00
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21		
0	58.8	58.6	58.6	59.1	59.8	59.0	58.4	57.2		
24	56.3	57.0	57.8	57.2	56.7	55.0	53.5	53.6		
48	53.9	54.7	55.7	56.9	58.4	59.7	61.2	62.1		
72	63.2	62.7	62.4	62.8	63.4	63.5	63.6	63.8		
96	64.1	64.0	64.1	64.3	64.7	66.5	68.7	69.3		
120	70.2	69.2	68.5	67.9	67.5	67.5	67.7	68.8		
144	70.2	70.9	71.8	73.1	74.6	78.0	81.9	84.0		
168	86.4	86.3	86.4	86.9	87.6	86.8	86.2	86.3		
192	86.6	84.5	82.8	84.3	86.2	86.7	87.4	87.0		
216	86.8	88.1	89.7	90.1	90.9	91.1	91.5	89.8		
240	88.4	86.6	85.0	83.3	81.9	75.5	72.6	69.9		
264	69.7	69.2	68.9	66.3	64.1	62.1	60.4	59.6		
288	59.2	55.8	54.7	55.1	55.7	55.6	55.7	55.7		
312	55.9	54.6	53.5	54.2	55.1	55.4	55.9	55.9		
336	56.1	56.1	56.3	56.3	56.3	56.4	56.5	57.5		



CUSTOMER : Eagle US 2, LLC  
 DATE : November 02, 2022

CAVERN : PPG No. 007B  
 OPERATION No. :2



**WALL RANGES VS DEPTH**

DEPTH	2825.2		TILT		0		VOS		5979.00
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21	
0	59.6	59.6	59.8	59.8	60.0	59.3	58.8	57.8	
24	56.9	57.4	58.0	56.6	55.5	54.8	54.3	54.1	
48	54.1	55.0	56.1	57.2	58.6	59.6	60.8	61.5	
72	62.4	62.2	62.2	62.5	63.0	63.2	63.4	63.4	
96	63.4	63.6	63.8	64.2	64.7	66.3	68.1	69.1	
120	70.4	69.2	68.3	67.8	67.5	67.5	67.7	68.5	
144	69.5	70.6	72.0	74.8	78.1	79.9	81.9	83.7	
168	85.8	86.3	87.0	87.2	87.6	86.9	86.4	84.5	
192	83.0	83.2	83.8	83.9	84.2	85.9	87.8	87.7	
216	87.8	89.1	90.7	91.3	92.1	92.0	92.1	90.3	
240	88.9	86.9	85.2	83.8	82.8	77.5	73.0	71.9	
264	71.0	69.8	68.9	66.5	64.5	62.7	61.2	60.1	
288	59.2	57.0	55.1	55.2	55.5	55.0	54.7	55.0	
312	55.5	54.3	53.3	54.1	55.1	55.3	55.7	55.6	
336	55.7	56.0	57.1	56.3	55.9	56.5	56.9	56.7	

DEPTH	2830.1		TILT		0		VOS		5979.00
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21	
0	87.1	71.9	86.9	85.0	83.4	81.8	80.6	78.2	
24	76.0	75.0	74.2	73.7	73.3	71.3	69.5	66.7	
48	67.8	67.4	63.8	61.7	59.8	60.6	61.6	61.8	
72	62.2	62.1	62.2	62.5	63.0	63.2	63.4	63.4	
96	63.4	63.6	63.8	64.0	64.3	66.0	68.1	69.0	
120	70.2	69.1	68.3	68.0	67.9	67.7	67.7	68.5	
144	69.5	70.3	71.4	74.8	78.9	80.8	83.0	84.4	
168	86.2	86.7	87.4	87.3	87.4	86.7	86.2	83.6	
192	81.3	82.2	83.4	84.2	85.2	87.0	89.1	88.8	
216	88.9	89.6	90.7	92.0	93.5	92.7	92.1	90.3	
240	88.9	86.7	84.8	83.5	82.6	77.5	73.2	72.4	
264	71.8	70.3	69.1	67.3	65.7	63.5	61.6	60.6	
288	59.8	57.9	56.3	55.9	55.7	55.0	54.5	54.9	
312	55.5	56.7	57.3	58.2	56.1	55.3	55.7	55.7	
336	55.9	56.9	58.2	57.1	56.3	56.9	57.5	59.3	

DEPTH	2835.2		TILT		0		VOS		5979.00
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21	
0	102.5	99.4	96.8	94.9	93.3	90.7	88.4	87.1	
24	86.0	83.3	80.9	80.8	80.9	79.9	79.1	78.4	
48	77.9	75.5	73.4	72.5	71.8	71.0	70.4	70.9	
72	71.6	71.7	72.0	74.3	77.1	77.1	77.3	77.3	
96	77.6	79.8	82.3	85.9	85.6	85.0	84.4	91.6	
120	100.2	92.3	68.9	68.5	68.3	68.3	78.8	69.0	
144	69.7	70.8	72.2	74.8	77.9	80.1	82.8	84.3	
168	86.2	86.7	87.4	87.3	87.4	84.8	82.6	82.3	
192	82.3	83.1	84.2	85.5	87.0	87.8	88.9	89.2	
216	89.9	90.5	91.3	92.5	93.9	93.1	92.5	90.3	
240	88.4	86.6	85.0	83.7	82.8	78.3	74.4	73.2	
264	72.2	71.1	70.2	68.3	66.7	65.5	64.5	62.7	
288	61.2	59.5	58.0	61.2	65.1	64.9	64.9	157.5	
312	157.3	158.8	160.8	160.9	161.5	104.6	102.6	147.1	
336	148.5	102.4	97.9	97.2	96.6	95.6	95.0	98.4	



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**WALL RANGES VS DEPTH**

DEPTH	2840.0								TILT	0	VOS	5979.00
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21				
0	152.4	151.9	151.8	121.3	151.5	149.1	150.2	97.2				
24	93.0	88.8	85.3	85.2	85.3	86.1	87.2	85.3				
48	84.0	82.2	81.0	79.5	77.3	79.4	81.9	81.9				
72	85.6	86.0	86.6	86.1	85.8	83.7	85.3	86.9				
96	92.4	92.5	93.5	93.5	103.6	103.4	109.7	106.5				
120	112.8	114.3	116.1	226.4	235.5	234.1	129.6	131.0				
144	128.4	128.4	128.8	128.7	128.9	124.7	92.7	93.1				
168	86.4	87.6	89.1	88.0	87.2	85.5	84.2	84.1				
192	84.2	84.7	85.6	86.4	87.5	88.7	90.2	90.5				
216	91.1	91.5	92.2	93.0	94.1	94.5	95.2	92.1				
240	89.4	87.6	86.1	84.2	207.6	82.3	76.8	198.4				
264	73.5	193.4	72.6	71.0	69.6	175.0	169.2	167.1				
288	165.6	163.1	161.2	160.0	159.3	159.0	159.3	158.9				
312	159.0	160.4	162.3	162.2	162.6	156.9	152.1	151.4				
336	151.0	152.6	154.6	155.5	157.0	154.3	152.1	152.0				

DEPTH	2845.0								TILT	0	VOS	5979.00
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21				
0	152.7	152.5	152.7	151.9	151.6	150.5	149.9	149.6				
24	149.6	149.2	149.1	147.6	146.6	147.4	148.5	149.7				
48	151.3	148.1	150.1	149.9	156.6	152.9	162.1	158.5				
72	167.1	164.7	169.3	170.9	177.0	176.9	98.2	100.3				
96	102.9	101.6	196.7	196.6	202.1	202.5	209.3	211.4				
120	217.4	220.0	223.2	228.8	234.9	234.0	233.7	234.2				
144	235.3	234.0	233.4	239.5	137.2	134.5	132.5	138.9				
168	243.8	241.8	246.9	247.2	248.2	86.4	248.3	246.4				
192	246.0	88.8	86.7	87.2	88.0	89.5	91.3	91.6				
216	92.2	230.6	227.4	227.0	226.3	226.1	225.9	223.5				
240	221.9	219.7	218.7	213.0	208.2	206.1	206.4	201.7				
264	199.4	197.5	196.1	189.3	183.5	175.8	169.2	166.3				
288	165.3	163.7	160.9	159.9	159.3	159.2	159.5	160.5				
312	162.0	161.9	162.3	162.6	163.4	157.6	152.7	151.6				
336	151.0	152.3	154.0	155.3	157.1	154.2	151.8	152.0				

DEPTH	2849.9								TILT	0	VOS	5979.00
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21				
0	152.9	152.5	152.4	151.5	151.0	150.0	149.4	149.3				
24	149.6	149.2	149.1	148.1	147.4	148.7	150.5	150.8				
48	151.6	152.8	154.6	155.9	157.6	159.2	161.2	163.9				
72	167.2	169.3	171.9	174.2	177.1	179.5	182.4	185.1				
96	188.4	191.5	195.3	198.5	202.4	205.3	208.8	212.9				
120	217.8	220.8	224.4	229.0	234.4	233.9	234.1	235.3				
144	237.1	235.1	233.8	239.9	247.0	242.7	239.2	241.4				
168	244.2	245.7	247.8	248.6	250.0	248.6	247.8	246.8				
192	246.4	248.3	250.8	248.6	247.0	245.3	244.2	239.3				
216	235.2	229.2	224.2	225.6	227.7	227.0	226.9	224.1				
240	222.0	220.4	219.5	215.8	212.9	208.4	207.1	204.3				
264	201.9	198.2	196.9	188.5	181.3	174.6	168.9	166.1				
288	163.9	164.1	164.8	161.6	160.7	160.5	160.6	161.8				
312	163.5	162.6	162.0	162.5	163.1	157.8	153.2	152.3				
336	151.8	152.7	154.0	155.6	157.6	154.5	151.8	152.2				





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**WALL RANGES VS DEPTH**

DEPTH	2855.0							
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	152.4	152.0	152.1	151.6	151.6	150.0	148.8	148.9
24	149.4	148.7	148.5	148.5	148.8	149.6	150.7	151.8
48	153.2	154.1	155.4	157.5	160.1	161.6	163.7	165.6
72	168.1	170.3	173.0	174.9	177.4	179.6	182.4	185.2
96	188.7	192.2	196.4	199.4	203.0	205.7	209.0	212.9
120	217.6	219.2	221.4	226.9	233.2	232.8	237.1	234.6
144	236.8	234.6	233.0	239.6	247.3	242.6	238.7	240.9
168	243.7	245.3	247.5	248.6	250.3	248.9	248.1	246.5
192	245.6	247.9	250.8	248.4	246.7	241.8	237.6	234.7
216	232.4	228.1	224.4	226.7	229.7	229.1	229.1	226.0
240	223.6	222.8	222.5	218.4	215.1	210.9	207.4	204.6
264	202.4	194.2	188.6	185.2	180.7	175.1	170.3	167.2
288	164.8	164.1	163.9	162.6	161.7	160.1	159.0	160.9
312	163.4	162.9	162.8	162.9	163.4	157.5	152.4	151.8
336	151.6	152.6	154.0	155.6	157.6	154.3	151.6	151.8

DEPTH	2860.1							
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	152.8	152.7	153.1	152.3	151.9	151.1	150.7	150.3
24	150.4	149.6	149.2	148.7	148.6	149.6	151.0	151.4
48	152.2	156.7	160.2	162.6	163.5	163.0	162.9	164.1
72	167.8	168.5	171.9	174.5	177.6	180.6	184.2	186.7
96	189.9	192.7	196.1	198.4	201.2	202.6	204.5	208.7
120	213.8	217.0	220.9	224.6	229.0	233.1	238.0	237.1
144	236.8	234.4	232.6	240.6	247.5	245.3	243.7	243.5
168	244.0	243.9	244.6	246.4	249.0	248.0	247.5	244.8
192	242.8	246.1	250.2	247.6	245.8	242.3	238.6	235.5
216	233.1	227.8	223.6	223.3	223.0	226.4	230.5	227.0
240	224.2	223.0	222.4	218.8	215.9	211.5	207.8	204.8
264	202.4	194.1	186.9	183.4	180.6	174.0	168.3	165.7
288	163.5	163.2	163.2	162.3	161.7	160.5	159.7	162.2
312	165.3	164.2	163.5	163.5	163.8	158.2	153.4	152.4
336	151.9	152.9	154.3	156.1	158.5	154.9	151.9	152.1

DEPTH	2870.1							
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	152.2	152.4	153.1	152.1	151.6	150.6	150.1	149.3
24	148.9	148.1	147.7	149.3	151.3	151.4	151.9	153.2
48	154.9	157.6	160.9	162.4	164.4	165.0	165.9	167.2
72	168.9	172.2	176.1	179.4	180.4	182.6	182.4	186.2
96	190.7	192.4	194.6	196.7	200.0	201.0	202.7	205.2
120	208.4	212.2	216.8	218.2	220.3	225.4	231.4	232.3
144	233.8	231.5	229.9	237.9	247.2	244.2	241.9	242.3
168	243.4	243.0	243.4	244.8	246.9	244.5	242.8	242.3
192	242.5	241.7	241.6	242.9	244.9	241.0	238.0	234.3
216	231.4	227.1	223.6	223.6	224.2	227.2	230.8	228.1
240	226.0	224.7	223.9	220.8	218.3	212.8	208.1	205.4
264	203.3	193.0	184.2	179.2	174.9	171.2	168.0	165.5
288	163.5	162.6	162.0	161.2	160.9	159.7	159.1	160.8
312	162.9	162.9	163.2	163.0	163.2	157.1	151.9	151.2
336	151.0	152.4	154.3	155.5	157.3	154.2	151.6	151.7



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**WALL RANGES VS DEPTH**

DEPTH	2880.1							
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	147.4	147.2	147.4	146.0	145.0	145.8	147.1	146.1
24	145.6	145.3	145.3	147.6	150.4	153.4	157.0	155.2
48	154.0	155.7	157.9	162.3	167.4	168.8	170.7	170.5
72	170.7	175.0	180.0	181.2	183.0	183.8	185.1	186.1
96	187.8	192.3	197.6	197.4	197.6	195.1	193.1	196.1
120	199.7	206.2	213.8	215.4	217.7	216.6	216.2	219.8
144	224.2	226.0	228.4	232.3	237.1	237.4	238.3	237.4
168	237.1	239.4	242.5	243.5	245.2	239.9	235.6	235.3
192	235.6	231.8	228.7	228.7	229.3	229.6	230.5	225.9
216	222.1	218.8	216.2	220.1	224.8	228.0	232.0	229.0
240	226.6	225.4	224.8	222.0	219.7	213.6	208.4	206.7
264	205.7	192.1	180.6	176.8	173.7	167.9	162.9	160.1
288	158.6	157.4	154.3	153.5	153.1	154.3	156.1	155.4
312	155.2	155.0	155.2	151.1	147.7	146.6	145.9	146.6
336	147.7	149.0	150.7	149.4	151.7	146.7	145.3	146.1

DEPTH	2890.0							
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	139.0	139.7	140.8	139.0	137.5	140.1	143.2	141.4
24	139.9	142.1	144.7	147.4	150.7	153.6	157.0	154.3
48	152.2	154.0	156.4	160.8	165.9	167.3	169.2	170.2
72	171.6	174.7	178.5	179.7	181.5	185.0	189.3	187.6
96	186.6	189.2	192.5	194.6	197.3	195.5	194.3	194.8
120	195.8	201.8	208.7	212.1	216.2	215.4	215.3	219.2
144	223.9	226.4	229.6	232.4	235.9	231.8	228.4	231.2
168	234.7	234.5	234.9	236.2	238.3	234.9	232.3	231.4
192	231.1	228.7	226.9	224.0	221.8	220.3	219.4	218.1
216	217.4	215.9	215.0	220.2	226.3	229.4	233.2	230.2
240	227.8	226.3	225.4	221.0	217.4	212.6	208.7	206.9
264	205.7	186.5	178.7	173.4	166.0	162.0	158.7	151.7
288	145.9	144.5	143.5	145.5	148.0	150.3	153.1	152.4
312	152.2	151.6	151.4	147.8	144.7	143.8	133.7	144.7
336	137.0	147.9	149.8	148.5	147.7	145.2	143.2	140.9

DEPTH	2900.1							
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	136.4	135.8	135.5	134.9	134.6	136.8	139.4	137.1
24	135.2	139.1	143.6	145.0	146.9	150.9	155.5	155.6
48	156.1	157.3	158.8	163.3	168.4	168.3	168.7	171.6
72	175.0	175.8	177.1	178.8	181.0	184.2	188.2	185.5
96	183.4	187.1	191.4	193.5	196.2	194.9	194.1	196.2
120	198.9	199.8	201.3	206.6	212.7	212.7	213.3	217.1
144	222.5	223.0	227.3	229.0	231.3	227.9	225.2	226.1
168	227.6	226.1	225.2	226.3	227.9	228.8	230.3	223.7
192	218.1	217.8	225.4	219.0	220.5	215.7	211.8	212.8
216	214.5	216.0	218.1	222.7	228.2	231.6	235.7	231.6
240	228.2	225.4	223.1	217.6	213.0	208.7	205.2	204.6
264	204.6	193.5	184.0	169.9	158.2	156.1	154.4	148.2
288	143.0	139.7	137.0	141.6	146.9	146.8	147.2	144.4
312	142.1	142.3	143.0	136.1	140.0	141.3	132.5	136.8
336	141.8	140.4	139.4	139.9	140.9	139.9	139.4	137.7



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**WALL RANGES VS DEPTH**

DEPTH	2900.1		TILT -20			VOS 5982.00		
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	129.7	128.7	127.9	126.9	126.2	126.9	127.9	128.9
24	135.9	138.6	143.9	151.8	161.1	160.9	161.1	161.5
48	162.6	168.2	171.3	173.1	175.3	177.5	180.2	179.9
72	180.2	180.4	181.1	181.8	186.4	190.7	195.7	196.3
96	197.4	198.3	197.0	196.0	196.5	195.6	195.2	195.4
120	196.1	190.6	183.3	183.4	186.8	186.3	189.0	184.5
144	180.6	181.3	182.4	185.4	189.0	194.8	201.4	203.5
168	206.1	203.7	201.9	201.4	201.4	204.2	200.2	203.1
192	206.2	206.3	207.0	209.7	213.2	221.0	224.9	228.8
216	237.3	241.7	247.0	251.7	257.2	255.8	255.0	248.1
240	242.1	239.0	237.7	235.5	234.5	232.4	230.6	227.3
264	227.1	220.9	215.6	206.8	199.2	193.5	183.9	184.3
288	194.8	185.5	179.4	172.5	164.9	156.9	150.5	146.2
312	142.5	139.8	137.6	139.2	135.5	134.8	134.6	136.4
336	132.7	134.1	136.3	134.8	133.7	132.0	130.6	130.0

DEPTH	2900.1		TILT -25			VOS 5982.00		
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	134.6	131.9	129.7	130.4	131.5	130.7	130.1	131.3
24	132.8	140.6	149.6	154.6	160.2	163.9	168.7	168.9
48	169.6	174.2	183.3	182.2	181.5	183.3	185.5	185.7
72	186.4	185.9	185.9	188.3	192.3	195.5	200.5	201.8
96	203.6	204.9	206.7	204.0	201.9	199.8	198.3	194.9
120	195.4	192.6	188.9	188.5	188.6	189.9	191.7	187.9
144	184.6	183.0	181.9	188.1	195.2	197.2	199.6	203.4
168	194.3	204.7	205.8	205.6	205.8	205.2	205.0	205.4
192	206.3	211.9	214.7	218.3	224.4	228.1	234.6	239.7
216	247.7	251.6	256.9	267.1	268.3	269.3	270.9	263.8
240	257.6	256.0	248.3	249.3	244.4	242.1	237.9	242.5
264	245.2	240.7	236.8	229.7	223.5	216.7	210.7	207.1
288	204.1	203.6	203.6	202.3	191.2	184.1	178.5	171.8
312	163.3	159.8	155.9	152.2	149.4	147.3	147.4	147.2
336	147.4	145.7	144.3	141.2	138.6	139.1	138.2	136.0

DEPTH	2900.1		TILT -30			VOS 5982.00		
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	158.9	155.8	146.4	144.3	141.4	142.9	144.1	144.6
24	145.2	150.0	154.3	160.9	169.1	173.4	178.4	178.0
48	178.0	184.8	192.6	191.3	190.3	193.0	196.1	197.2
72	196.5	196.9	198.3	199.7	201.4	207.3	214.3	213.1
96	215.1	213.7	213.0	211.1	209.5	209.2	209.2	207.2
120	205.4	200.3	199.1	200.4	202.3	198.8	196.2	190.0
144	190.8	189.5	188.6	194.9	198.0	201.6	206.8	204.7
168	201.4	206.6	209.3	209.3	209.8	214.5	215.6	218.2
192	221.3	229.6	235.9	239.1	242.2	244.4	250.2	257.4
216	264.6	271.2	277.7	286.9	282.6	278.2	275.3	283.8
240	302.8	302.2	312.5	306.8	311.4	301.6	309.9	219.4
264	306.8	207.8	201.4	193.2	185.9	180.7	176.2	211.8
288	266.0	264.8	264.1	248.5	235.1	232.8	215.8	213.0
312	209.9	207.5	204.2	196.6	190.3	181.3	172.8	171.2
336	169.6	168.2	167.7	161.9	157.4	156.5	157.1	157.9



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**WALL RANGES VS DEPTH**

DEPTH	2900.1			TILT -35			VOS 5982.00		
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21	
0	236.8	235.5	234.6	237.2	191.7	204.0	202.7	210.2	
24	224.7	223.9	224.0	239.8	224.4	200.2	189.4	189.8	
48	190.7	196.4	209.4	209.2	222.5	217.6	221.3	222.7	
72	295.3	300.2	303.2	305.6	305.9	312.7	316.0	321.5	
96	323.1	325.3	328.0	331.9	336.4	337.9	341.7	346.8	
120	354.6	353.3	352.7	351.5	351.0	354.2	358.1	205.6	
144	202.7	198.0	193.9	204.4	210.8	212.0	212.9	212.9	
168	213.2	215.2	219.7	231.6	235.8	349.8	354.1	246.1	
192	350.2	346.5	343.5	335.7	328.9	325.7	323.1	288.4	
216	281.3	277.9	255.9	258.3	261.2	256.7	252.8	265.3	
240	269.5	269.1	278.7	276.9	278.4	279.1	286.8	237.7	
264	203.2	199.4	196.1	189.8	186.4	177.7	174.0	217.8	
288	291.7	291.0	290.8	283.3	276.7	274.2	272.2	272.4	
312	273.1	264.7	257.2	253.8	251.0	241.6	233.3	232.9	
336	232.8	232.6	232.8	230.4	228.4	228.4	228.9	232.6	

DEPTH	2900.1			TILT -40			VOS 5982.00		
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21	
0	246.6	248.3	250.6	252.1	254.1	253.4	253.2	264.8	
24	253.7	283.4	289.5	292.8	296.6	298.8	301.5	299.0	
48	297.0	295.7	294.8	296.8	299.2	301.6	304.6	303.4	
72	302.8	303.2	304.1	303.4	303.2	301.7	300.6	304.0	
96	308.1	309.8	312.1	314.2	317.0	315.8	315.2	316.7	
120	318.7	326.4	335.1	336.6	338.6	340.3	342.6	344.8	
144	343.6	344.1	349.3	346.0	352.4	348.5	345.3	344.3	
168	344.0	340.8	340.4	340.6	340.0	332.2	325.4	311.3	
192	298.8	297.5	296.6	290.5	298.0	287.0	289.5	269.2	
216	251.9	251.5	251.4	244.4	238.3	242.1	244.9	247.7	
240	255.4	256.8	258.5	260.1	262.1	258.7	255.9	237.4	
264	200.1	197.7	193.2	187.9	181.1	177.8	174.9	170.4	
288	166.4	166.1	166.0	212.7	296.6	293.4	290.8	291.0	
312	291.7	284.9	278.9	272.8	267.4	256.6	247.0	251.6	
336	256.7	250.9	245.7	243.5	241.7	242.6	243.9	245.0	

DEPTH	2900.1			TILT -45			VOS 5982.00		
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21	
0	280.7	281.8	283.3	287.9	293.0	291.7	290.8	290.2	
24	289.9	289.3	289.1	285.3	282.0	281.8	282.0	281.8	
48	282.0	278.2	274.9	272.3	270.0	276.7	284.2	277.7	
72	271.8	266.2	261.2	260.3	259.8	261.2	294.7	262.8	
96	294.7	280.9	301.9	298.1	294.8	293.9	293.5	302.3	
120	312.1	316.0	320.5	320.9	321.8	325.1	328.9	326.7	
144	324.9	327.1	329.8	329.6	329.8	328.2	327.1	329.5	
168	332.4	316.3	319.8	323.5	320.0	312.8	306.3	297.7	
192	302.4	284.6	279.8	269.7	260.7	258.3	252.4	251.9	
216	251.6	248.2	249.2	245.5	242.1	243.5	245.2	245.7	
240	246.6	246.2	246.1	243.0	240.4	241.3	242.6	238.0	
264	221.2	201.2	191.4	180.8	169.0	172.8	173.5	170.5	
288	167.8	165.0	162.5	160.3	158.5	159.9	280.0	204.7	
312	279.8	281.3	283.3	281.3	279.8	276.2	273.1	274.3	
336	275.8	269.7	264.3	263.0	262.1	269.4	277.6	278.9	



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**WALL RANGES VS DEPTH**

DEPTH	2900.1		TILT -50			VOS 5982.00		
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	282.7	283.5	284.7	282.9	281.5	280.9	280.7	276.1
24	272.0	268.7	265.7	266.0	266.5	259.7	253.5	251.9
48	250.7	246.4	242.4	244.8	247.5	243.6	240.0	239.7
72	239.7	236.1	244.6	242.9	241.8	236.5	261.4	243.0
96	246.8	253.7	261.4	263.0	264.9	272.4	274.4	281.4
120	291.4	292.2	300.5	302.4	304.8	304.2	304.0	305.2
144	306.8	306.2	306.0	307.0	308.3	305.0	302.0	302.1
168	302.4	296.0	290.2	290.4	291.0	286.2	281.9	280.3
192	279.1	272.3	266.1	261.1	256.6	251.0	246.0	250.5
216	255.4	248.8	238.6	239.6	240.4	237.3	232.9	232.6
240	232.5	229.2	226.2	227.3	228.6	228.1	228.8	232.5
264	237.7	194.8	195.8	183.9	171.7	170.1	169.5	168.8
288	169.2	163.6	164.5	163.0	161.9	160.8	159.9	160.2
312	160.7	199.6	281.4	270.1	277.2	283.7	291.0	290.0
336	289.4	288.8	288.6	289.2	290.2	284.6	279.5	280.9

DEPTH	2900.1		TILT -55			VOS 5982.00		
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	275.5	275.5	275.8	272.4	269.2	264.7	260.6	258.0
24	255.7	254.4	253.3	246.8	240.8	241.0	241.5	242.1
48	242.9	233.6	225.2	223.1	221.4	217.0	213.0	220.3
72	219.3	233.1	238.1	242.6	242.5	238.0	235.4	237.2
96	242.2	247.8	254.0	257.4	261.3	264.7	268.5	270.3
120	272.4	271.0	269.9	273.4	277.2	280.7	284.5	284.7
144	285.2	282.8	285.2	283.5	282.1	280.0	278.3	275.2
168	272.4	270.5	265.2	262.6	256.7	259.5	262.6	253.4
192	245.0	242.7	240.8	237.9	235.2	237.5	240.1	241.9
216	243.9	243.1	242.5	239.6	237.0	236.7	236.6	231.4
240	226.6	222.9	219.6	218.7	217.9	222.5	227.6	231.2
264	235.2	207.5	181.5	186.3	191.5	174.5	168.1	166.8
288	170.0	169.8	164.8	162.3	160.3	161.9	163.8	157.8
312	152.3	151.7	151.3	150.3	149.5	149.6	149.9	153.2
336	269.6	195.2	281.6	200.5	278.3	278.1	278.3	276.7

DEPTH	2900.1		TILT -60			VOS 5982.00		
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	163.4	151.8	150.6	156.5	161.4	151.4	204.8	203.9
24	163.8	163.9	164.1	164.9	165.8	163.9	191.3	183.4
48	167.3	168.6	168.6	168.6	168.6	175.2	182.5	201.0
72	225.9	230.5	235.6	236.4	237.3	237.6	238.0	240.5
96	243.2	243.0	242.9	244.5	246.3	243.3	240.4	242.4
120	244.6	249.8	255.4	261.4	267.9	267.9	268.2	268.1
144	268.2	266.2	264.4	265.0	265.8	261.4	265.1	259.6
168	255.5	253.5	256.1	254.9	254.0	248.0	242.5	239.3
192	236.3	236.9	237.7	233.3	229.3	227.3	225.5	227.8
216	230.4	228.0	222.7	224.7	223.8	220.4	217.2	215.9
240	214.8	215.6	216.5	215.9	215.5	215.0	214.8	221.9
264	229.7	211.3	197.3	184.8	192.9	172.0	171.3	165.9
288	167.3	165.7	161.1	167.6	173.8	168.0	162.7	160.8
312	156.8	154.4	160.4	156.3	149.9	149.8	149.9	148.8
336	147.8	148.3	148.8	148.3	157.3	152.5	157.5	160.4



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**WALL RANGES VS DEPTH**

DEPTH	2900.1		TILT		-65		VOS		5982.00
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21	
0	169.7	160.3	157.8	156.5	153.6	160.0	169.7	169.5	
24	161.9	163.4	161.2	163.9	163.8	163.2	160.2	162.4	
48	179.4	167.4	163.5	165.3	178.0	183.8	202.8	217.1	
72	215.8	224.3	233.5	231.5	229.7	229.3	229.0	230.0	
96	215.1	216.6	204.0	205.0	206.1	221.7	240.1	241.1	
120	238.6	242.1	242.2	247.0	252.2	251.3	254.0	250.4	
144	247.0	247.5	248.1	245.7	243.6	241.4	239.4	237.4	
168	235.6	232.2	229.0	228.4	228.0	226.2	225.6	223.4	
192	221.7	221.5	221.4	221.0	220.7	217.4	214.4	213.7	
216	213.0	211.1	209.2	208.6	208.2	204.2	200.5	199.8	
240	199.2	202.8	206.0	204.1	207.2	212.2	216.8	219.0	
264	221.4	209.7	195.0	193.9	195.2	183.3	173.6	177.4	
288	179.4	177.3	174.4	173.7	174.1	162.7	159.3	157.9	
312	166.2	161.5	157.2	155.1	156.3	152.1	159.3	150.8	
336	157.9	158.2	150.2	151.9	148.2	148.1	148.2	158.1	

DEPTH	2910.1		TILT		0		VOS		5982.00
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21	
0	136.8	134.8	133.3	132.9	132.8	134.2	135.9	134.4	
24	133.3	136.1	139.5	142.1	148.5	149.9	155.4	155.8	
48	156.7	154.9	153.6	159.8	166.9	169.3	172.2	172.4	
72	173.1	174.0	176.2	176.4	178.0	182.2	187.3	185.0	
96	183.3	186.5	190.4	192.5	195.2	194.3	193.9	194.3	
120	195.2	197.2	199.7	202.6	206.3	208.6	211.6	215.2	
144	219.6	221.7	224.4	223.9	224.0	223.0	222.7	223.9	
168	225.8	224.1	223.1	224.6	226.7	225.2	224.4	220.5	
192	217.4	217.9	219.1	216.6	214.7	215.7	217.4	214.6	
216	212.5	214.6	217.4	223.3	230.2	231.4	233.3	228.7	
240	224.9	223.0	221.8	216.3	211.6	209.5	209.3	208.0	
264	207.4	190.0	176.2	167.4	159.8	156.7	154.1	148.8	
288	144.3	143.5	143.0	142.1	141.7	144.5	147.9	146.8	
312	146.1	143.7	141.7	140.4	139.5	138.8	138.6	136.8	
336	135.5	138.7	142.6	141.9	141.7	139.9	138.6	137.5	

DEPTH	2920.1		TILT		74		VOS		5982.00
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21	
0	423.9	424.9	425.8	425.5	425.3	425.3	425.3	423.5	
24	421.9	423.8	425.8	425.7	425.8	424.5	423.3	423.3	
48	423.3	423.5	423.8	423.8	423.8	424.3	424.8	423.0	
72	424.9	424.6	424.2	425.3	424.3	423.8	423.3	423.3	
96	423.3	423.0	422.8	424.8	426.8	425.5	424.3	424.3	
120	424.3	424.3	424.3	423.5	422.8	422.8	422.8	422.8	
144	422.8	423.3	423.8	424.0	424.3	425.3	426.3	426.0	
168	425.8	425.7	425.8	427.0	428.2	423.0	425.8	426.2	
192	426.8	425.3	423.8	423.8	423.8	423.0	422.4	424.0	
216	425.8	424.3	422.8	423.0	423.3	424.0	424.8	424.0	
240	423.3	423.8	424.3	423.8	423.3	423.3	423.3	422.3	
264	424.2	423.8	423.6	423.9	424.2	423.7	423.1	424.1	
288	425.0	161.3	164.8	163.3	424.3	424.5	424.7	424.0	
312	423.4	424.1	153.6	152.8	152.1	152.1	152.1	153.5	
336	155.0	425.0	425.6	424.4	423.3	423.6	424.0	423.9	



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**WALL RANGES VS DEPTH**

DEPTH	2920.1		TILT		69		VOS		5982.00	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21		
0	436.4	435.6	435.0	435.1	435.3	187.7	434.7	434.9		
24	435.3	435.0	435.2	435.1	435.2	435.0	435.0	434.7		
48	156.9	434.4	434.4	434.9	169.7	435.5	435.4	435.2		
72	178.6	181.4	184.5	428.0	427.8	429.8	430.6	430.5		
96	430.3	427.2	422.5	426.7	428.6	433.4	434.8	434.2		
120	434.4	435.3	192.7	436.0	435.4	435.5	435.9	437.2		
144	438.7	439.3	439.9	437.9	436.1	437.0	438.1	438.0		
168	438.1	437.2	436.6	438.2	439.9	437.9	436.1	435.5		
192	437.4	438.2	436.1	436.0	436.1	436.8	437.6	438.5		
216	439.5	438.2	437.1	438.2	439.5	439.2	439.0	438.0		
240	437.1	437.0	437.1	436.0	436.6	435.5	435.2	435.3		
264	435.5	435.9	170.7	436.6	436.8	435.7	146.7	146.7		
288	146.7	146.4	146.2	145.7	145.2	145.9	146.7	146.9		
312	147.2	145.4	143.7	144.7	145.7	146.4	147.2	148.6		
336	150.1	150.1	150.1	150.1	434.7	434.9	434.6	435.7		

DEPTH	2920.1		TILT		64		VOS		5982.00	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21		
0	130.6	129.9	129.3	129.2	129.3	126.3	396.5	400.6		
24	124.4	123.3	403.9	402.9	124.4	395.0	119.1	119.9		
48	120.9	121.1	378.1	377.8	377.6	376.7	370.8	370.7		
72	370.8	368.6	366.8	141.6	142.1	147.2	152.7	152.9		
96	153.2	153.1	153.2	155.3	157.5	158.5	159.7	155.6		
120	390.2	150.9	150.1	149.6	149.2	149.2	149.2	149.4		
144	433.0	434.0	441.8	439.8	436.4	151.9	452.7	452.9		
168	453.3	451.6	451.2	450.5	450.0	450.2	451.4	451.1		
192	446.4	446.3	446.4	448.8	449.7	447.7	445.9	433.5		
216	434.2	429.0	425.2	422.1	419.0	411.3	408.4	406.2		
240	195.7	402.5	401.1	173.9	170.4	165.1	160.2	157.0		
264	154.1	151.6	149.2	391.1	140.8	138.3	135.9	133.2		
288	130.6	394.4	394.5	393.3	392.3	393.2	394.3	394.3		
312	394.5	128.1	127.1	123.2	404.0	405.4	406.8	409.8		
336	413.1	406.5	400.2	401.1	401.9	128.8	130.1	130.3		

DEPTH	2920.1		TILT		59		VOS		5982.00	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21		
0	332.6	330.0	112.4	113.6	114.9	112.3	335.1	338.8		
24	343.5	341.3	339.6	108.9	109.0	108.6	108.3	108.2		
48	108.3	107.9	107.6	319.4	112.8	113.3	309.4	307.8		
72	120.8	119.1	302.7	302.9	303.3	122.2	124.9	125.4		
96	126.0	124.0	122.1	124.2	126.4	313.5	316.3	135.7		
120	138.9	333.6	341.1	344.9	131.2	130.8	130.5	131.5		
144	132.6	134.7	137.1	142.2	147.8	147.9	148.2	148.3		
168	148.5	420.3	416.2	415.1	152.7	152.8	153.0	153.7		
192	154.4	155.4	156.5	159.7	163.1	160.0	157.2	156.3		
216	155.5	157.6	160.0	160.6	161.4	161.8	162.4	162.4		
240	162.4	159.2	156.1	154.2	152.3	146.0	340.7	334.3		
264	137.1	132.9	129.1	328.8	329.5	331.4	333.7	115.3		
288	114.9	111.6	108.6	106.1	330.3	331.4	332.9	331.3		
312	330.1	105.8	107.2	106.3	105.5	105.8	106.2	106.1		
336	106.2	108.4	110.7	109.3	107.9	109.3	110.7	109.8		



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**WALL RANGES VS DEPTH**

DEPTH	2920.1		TILT		54		VOS		5982.00
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21	
0	112.4	112.2	112.1	112.0	112.1	111.7	111.4	112.7	
24	114.2	113.8	113.5	113.2	113.1	112.9	112.8	112.7	
48	112.8	112.2	111.7	111.3	111.0	110.1	109.3	109.4	
72	109.7	109.9	110.3	110.1	110.0	109.4	109.0	108.9	
96	109.0	109.3	109.7	109.4	109.3	111.5	113.8	116.1	
120	118.7	117.7	116.9	114.6	305.1	112.9	113.5	114.8	
144	336.0	339.9	343.4	344.0	344.9	358.5	367.4	369.8	
168	374.0	370.1	149.9	149.1	148.5	147.0	145.7	144.3	
192	143.0	145.3	147.8	146.7	145.7	144.3	143.0	143.6	
216	324.2	320.3	149.9	153.2	156.8	152.7	308.2	149.7	
240	150.6	145.3	140.5	293.8	292.4	289.5	123.2	120.5	
264	119.7	118.5	117.1	113.8	111.5	108.6	108.3	106.3	
288	104.5	104.4	104.5	105.3	106.2	107.0	107.9	107.7	
312	107.6	108.2	109.0	108.7	108.6	108.0	107.6	108.0	
336	108.6	108.7	109.0	109.1	109.3	109.9	110.7	111.5	

DEPTH	2920.1		TILT		49		VOS		5982.00
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21	
0	122.1	121.9	121.8	121.6	121.5	120.7	120.1	118.9	
24	118.0	117.2	116.6	116.2	115.9	115.3	114.9	114.4	
48	114.2	113.6	113.1	112.7	112.4	111.7	111.0	111.2	
72	111.4	111.2	111.0	112.6	113.6	112.7	113.5	113.9	
96	114.5	115.0	115.6	114.8	114.2	113.8	113.5	114.4	
120	115.6	113.5	111.7	111.8	112.1	112.7	113.5	111.5	
144	109.7	110.6	111.7	111.8	307.7	316.4	329.9	331.8	
168	333.5	130.4	130.8	131.1	324.3	131.3	131.2	130.4	
192	129.9	127.6	309.7	307.4	305.6	299.5	296.6	294.0	
216	291.9	134.5	136.6	138.0	139.9	139.2	138.9	135.8	
240	134.3	131.9	129.5	127.5	125.9	118.2	113.1	111.3	
264	109.7	109.6	109.7	107.3	106.1	111.3	112.4	113.1	
288	113.8	113.2	112.8	113.9	115.2	115.5	115.9	115.7	
312	115.6	115.5	115.6	116.3	117.3	117.7	118.3	119.1	
336	120.1	118.8	117.6	118.9	120.4	121.2	122.1	122.1	

DEPTH	2920.1		TILT		44		VOS		5982.00
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21	
0	127.0	127.1	127.3	126.0	124.9	123.8	122.8	121.9	
24	121.1	119.4	118.0	118.1	118.3	117.5	116.9	116.2	
48	115.6	114.8	114.2	113.9	113.8	113.9	114.2	114.8	
72	115.6	115.5	115.6	116.2	116.9	116.5	116.2	116.7	
96	117.3	118.6	120.1	120.8	121.8	121.7	121.8	122.6	
120	123.5	122.2	121.1	121.0	121.1	120.1	119.4	119.3	
144	119.4	117.2	115.2	115.3	115.6	116.0	116.6	117.0	
168	117.6	119.1	120.8	121.2	121.8	119.1	116.6	116.3	
192	116.2	116.0	118.0	119.3	119.0	121.0	123.2	123.3	
216	123.5	123.8	124.2	126.5	129.8	128.3	127.7	125.7	
240	123.9	120.6	118.7	117.4	116.2	114.8	113.5	116.6	
264	120.1	119.3	118.7	120.1	121.8	122.9	124.2	123.6	
288	123.2	123.1	123.2	123.1	123.2	124.6	126.3	127.1	
312	128.0	128.5	129.1	128.8	128.7	128.1	127.7	127.4	
336	127.3	126.7	126.3	127.4	128.7	127.9	127.3	127.1	





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**WALL RANGES VS DEPTH**

DEPTH	2920.1		TILT		39		VOS		5982.00
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21	
0	132.6	132.1	131.9	130.5	129.4	128.3	127.3	126.4	
24	125.6	123.9	122.5	121.2	120.1	120.1	120.4	121.3	
48	122.5	123.8	125.3	124.8	124.6	124.6	124.9	120.9	
72	129.4	128.7	128.5	120.3	120.4	120.7	121.1	122.4	
96	123.9	124.8	126.0	126.7	127.7	129.3	131.2	132.9	
120	135.0	134.3	133.9	132.8	131.9	132.4	133.2	131.0	
144	129.1	129.7	130.5	129.5	128.7	127.4	126.3	126.0	
168	126.0	123.7	121.8	121.7	121.8	122.0	122.5	120.8	
192	119.4	119.1	119.0	118.1	117.3	117.4	117.6	118.4	
216	119.4	120.0	120.8	121.9	123.2	123.4	123.9	123.4	
240	123.2	125.6	128.4	128.8	129.4	131.0	132.9	133.2	
264	133.7	134.7	135.9	136.9	138.1	137.6	137.4	136.1	
288	135.0	136.2	137.8	137.5	137.4	139.0	140.9	139.2	
312	137.8	137.3	137.1	136.3	135.7	134.7	133.9	135.0	
336	136.4	134.0	131.9	131.6	131.5	131.6	131.9	132.1	

DEPTH	2920.1		TILT		34		VOS		5982.00
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21	
0	151.8	146.9	147.1	145.1	149.8	145.0	145.7	142.4	
24	143.5	143.4	141.2	140.9	140.9	139.7	138.8	138.0	
48	147.0	146.7	147.4	144.9	142.7	143.0	143.6	145.6	
72	147.9	147.0	146.5	147.6	143.0	143.9	145.0	138.6	
96	132.9	133.8	135.0	134.9	135.0	135.5	136.4	138.0	
120	141.0	142.3	145.0	144.9	145.0	145.3	145.7	146.5	
144	147.5	148.0	148.9	148.9	149.2	146.2	143.7	143.7	
168	144.0	141.6	139.5	145.6	146.8	138.3	140.9	141.7	
192	142.7	142.7	143.0	144.2	145.7	143.7	145.1	144.0	
216	143.2	145.2	148.2	145.6	143.3	145.2	147.5	147.5	
240	147.8	147.7	151.6	151.1	152.4	151.6	148.9	148.4	
264	148.2	152.2	156.8	155.6	154.8	155.1	155.8	156.5	
288	157.5	156.5	155.8	154.8	154.1	153.9	154.1	153.7	
312	153.7	155.5	157.5	155.8	154.4	156.3	158.6	155.6	
336	153.0	151.8	150.9	150.1	149.6	150.9	148.2	149.8	

DEPTH	2920.1		TILT		29		VOS		5982.00
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21	
0	172.8	172.1	171.8	171.2	171.1	169.7	168.6	169.0	
24	165.9	168.3	167.2	166.2	165.5	165.9	166.6	167.2	
48	168.3	164.0	165.9	164.6	162.8	165.0	167.3	167.9	
72	169.4	168.2	167.5	167.2	167.2	167.1	167.4	169.0	
96	172.7	172.8	174.9	169.8	164.0	169.0	171.9	172.5	
120	173.3	164.1	177.4	167.2	167.3	170.3	161.4	161.0	
144	161.0	158.4	156.1	155.6	155.5	154.2	153.4	156.8	
168	160.7	159.8	159.3	159.1	162.4	161.0	163.1	165.1	
192	170.0	168.8	172.8	171.9	171.4	170.9	170.7	170.0	
216	169.7	172.9	173.5	174.0	174.9	175.6	176.6	177.6	
240	173.8	172.6	171.8	172.4	180.0	178.2	176.5	182.0	
264	187.1	183.6	180.5	179.7	179.3	178.0	177.2	179.9	
288	177.0	183.9	182.2	180.9	180.1	179.9	180.1	179.4	
312	179.0	180.6	182.5	182.8	183.6	177.5	172.1	171.4	
336	171.1	172.4	174.2	176.2	178.7	175.7	173.1	172.8	



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**WALL RANGES VS DEPTH**

DEPTH	2920.1		TILT		24	VOS		5982.00
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	167.2	167.6	168.3	166.3	164.8	164.1	163.8	163.1
24	162.7	161.5	162.7	162.4	162.5	164.3	164.8	165.5
48	166.6	167.7	169.3	171.0	173.1	174.7	176.6	178.3
72	183.1	182.5	184.9	187.5	190.5	191.8	193.6	195.5
96	197.8	202.0	206.8	210.6	215.1	209.9	205.3	202.5
120	200.2	200.7	201.6	198.9	209.1	210.4	208.9	206.9
144	205.4	200.8	211.3	206.9	210.9	204.0	209.1	210.7
168	213.3	206.5	209.9	207.6	205.8	207.8	210.3	210.3
192	210.9	211.0	211.7	208.4	205.7	202.5	213.4	208.0
216	207.2	205.9	205.4	207.1	217.7	215.2	218.6	216.3
240	218.2	213.6	218.6	207.4	211.0	213.0	215.5	212.6
264	210.3	207.8	205.8	202.2	199.2	191.6	184.9	182.0
288	180.8	179.4	178.4	176.8	175.6	175.7	176.3	177.4
312	179.0	177.8	177.0	178.1	179.7	172.5	166.2	166.2
336	166.6	167.4	168.6	170.3	172.5	168.5	165.2	166.0

DEPTH	2920.1		TILT		19	VOS		5982.00
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	162.4	162.7	163.4	161.7	160.3	159.6	159.3	159.2
24	159.6	158.2	157.2	158.4	160.0	159.4	159.3	160.8
48	162.7	166.9	171.8	172.6	173.8	172.6	171.8	174.3
72	177.3	179.3	181.8	184.5	188.8	190.6	192.9	195.4
96	199.6	203.1	207.1	210.2	214.1	216.6	220.0	224.6
120	230.0	232.5	235.6	241.9	249.1	247.6	246.7	246.4
144	246.7	246.2	246.4	252.6	259.9	255.7	252.3	254.3
168	257.1	256.8	257.1	258.7	260.9	260.1	259.9	257.3
192	255.4	258.0	261.3	260.6	260.6	256.6	253.3	250.4
216	248.1	245.3	243.2	241.0	239.4	238.6	238.4	236.2
240	234.6	232.4	231.0	226.1	222.1	220.2	218.9	216.0
264	213.7	205.6	198.5	194.7	191.5	184.1	177.7	175.7
288	174.2	172.8	171.8	170.9	170.4	169.5	169.0	169.8
312	171.1	171.7	172.8	172.8	173.1	166.8	161.4	160.6
336	160.3	160.5	163.1	163.7	166.9	164.2	162.0	162.0

DEPTH	2920.1		TILT		14	VOS		5982.00
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	147.8	147.8	148.2	145.3	143.0	146.0	149.6	148.3
24	147.5	148.1	149.2	151.9	155.1	157.3	161.7	160.3
48	158.3	160.2	162.6	167.2	172.0	173.2	174.8	174.3
72	176.3	179.9	184.3	186.2	188.8	189.2	190.1	192.6
96	195.7	198.2	201.3	203.4	206.1	207.2	208.9	214.5
120	221.0	222.8	225.2	229.8	235.3	238.2	241.8	242.4
144	243.6	242.2	241.5	247.9	255.4	252.2	250.5	250.6
168	251.4	251.8	252.3	254.2	256.8	256.3	256.4	255.2
192	250.5	254.2	259.2	256.4	254.3	249.8	246.0	242.9
216	240.5	234.7	229.7	229.9	230.7	233.5	237.0	234.4
240	232.5	231.0	230.0	226.6	223.8	218.7	214.4	211.7
264	209.6	198.7	186.0	182.8	180.1	172.6	168.2	165.0
288	163.1	161.7	156.6	156.0	152.0	155.5	159.6	158.9
312	158.6	159.1	160.0	155.1	150.9	149.2	147.9	148.7
336	149.9	151.9	154.4	154.4	154.8	151.0	147.8	147.6



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**WALL RANGES VS DEPTH**

DEPTH	2920.1							
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	128.7	130.9	133.6	132.5	131.9	131.5	131.5	131.7
24	132.2	134.9	138.1	142.6	147.8	150.7	154.1	154.9
48	156.1	157.8	160.0	162.8	166.2	169.5	173.5	172.4
72	171.8	173.1	174.9	175.8	177.3	181.6	186.7	183.4
96	180.8	184.9	189.8	191.6	194.0	193.4	193.3	193.7
120	194.7	196.6	199.2	201.0	203.3	204.9	207.1	208.6
144	210.6	217.0	224.5	223.1	222.4	221.9	222.1	219.5
168	217.6	219.3	221.7	222.5	223.8	223.3	223.5	221.9
192	221.0	220.7	221.0	218.8	217.2	214.1	211.7	212.9
216	214.8	216.4	218.6	224.2	230.7	232.1	234.2	228.2
240	223.1	221.6	220.7	216.3	212.7	210.8	209.6	208.6
264	208.2	192.7	179.7	170.4	162.4	156.6	151.6	147.3
288	143.7	142.9	142.6	139.2	136.4	139.7	143.7	142.9
312	142.6	141.9	141.6	137.3	133.6	132.9	132.6	134.3
336	136.4	135.1	137.7	137.5	138.1	134.5	131.5	129.9

DEPTH	2930.0							
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	129.8	131.5	133.6	132.5	131.9	131.2	130.8	131.0
24	131.5	133.9	136.7	141.5	147.1	149.6	152.7	154.0
48	155.8	159.1	163.1	163.9	165.2	169.3	174.2	173.1
72	172.5	172.9	173.8	174.8	176.3	180.9	186.3	183.3
96	180.8	185.8	189.8	191.4	193.6	192.3	191.5	192.5
120	194.0	193.4	193.3	193.0	193.3	194.6	196.4	197.0
144	205.7	200.9	204.4	205.5	218.1	212.8	218.6	217.0
168	216.0	218.4	221.4	218.8	216.9	217.4	218.6	215.5
192	213.0	215.7	218.9	215.3	212.4	209.8	207.8	211.1
216	215.1	219.2	224.2	228.1	232.8	233.9	235.6	226.7
240	218.9	219.7	221.0	217.2	214.1	212.4	211.3	210.0
264	209.2	194.1	181.5	176.6	163.3	162.9	155.2	150.1
288	146.1	144.3	143.0	140.7	138.8	136.5	134.6	134.6
312	135.0	133.2	131.9	131.5	131.5	131.5	131.9	130.1
336	128.7	132.3	136.4	133.2	130.5	130.3	130.5	129.9

DEPTH	2940.0							
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	125.3	123.2	121.5	122.5	123.9	122.8	122.1	125.8
24	130.1	132.2	134.6	140.6	147.5	149.3	151.6	153.1
48	155.1	158.6	162.7	164.1	165.9	169.0	172.8	172.4
72	172.5	172.4	172.8	173.9	175.6	179.6	184.3	185.0
96	186.3	186.3	186.7	189.5	192.9	192.0	191.5	191.3
120	191.5	187.6	184.3	184.2	184.6	183.3	182.5	186.2
144	190.5	190.2	190.5	196.4	203.3	203.6	204.4	206.8
168	209.9	209.1	208.9	206.3	204.4	207.0	210.3	206.6
192	203.6	202.1	201.3	199.2	197.8	201.1	205.1	209.7
216	215.1	218.6	222.8	228.7	235.6	234.8	234.6	226.4
240	219.3	220.2	221.7	218.6	216.2	214.3	213.0	210.7
264	208.9	202.9	197.8	187.7	171.9	168.7	160.0	158.5
288	157.5	151.9	147.1	143.7	140.9	137.1	133.9	130.7
312	128.0	126.1	124.6	122.3	120.4	120.2	120.4	121.3
336	122.5	125.0	128.0	124.7	121.8	122.5	123.5	124.2



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**WALL RANGES VS DEPTH**

DEPTH	2950.1							
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	121.1	117.0	113.5	115.7	118.3	117.3	116.6	121.3
24	126.7	129.9	135.4	141.9	151.6	151.1	150.9	152.4
48	154.4	157.9	162.0	163.4	165.2	168.2	171.8	170.8
72	170.4	170.5	171.1	172.7	174.9	179.5	184.9	184.2
96	183.9	184.5	185.6	188.6	192.2	188.8	186.0	187.4
120	189.5	184.0	179.4	178.8	178.7	180.3	182.5	179.5
144	177.0	179.6	182.9	184.0	198.0	194.1	204.0	202.9
168	202.3	201.7	201.6	200.3	199.5	197.7	196.4	193.5
192	191.2	193.8	197.1	197.5	198.5	203.4	209.2	212.9
216	217.2	219.8	223.1	228.5	234.9	234.8	235.3	228.3
240	222.4	221.6	221.4	219.5	218.3	216.0	214.4	212.2
264	210.6	204.3	198.8	187.4	177.7	172.8	168.6	167.7
288	167.2	161.7	156.8	152.9	149.6	144.7	140.5	137.5
312	135.0	133.0	131.5	129.8	128.4	127.9	127.7	127.2
336	127.0	127.0	127.3	126.1	125.3	124.7	124.6	122.6

DEPTH	2960.2							
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	122.1	120.2	118.7	118.3	118.3	117.5	116.9	119.2
24	121.8	127.9	135.0	140.6	148.0	149.0	151.3	152.5
48	154.1	157.6	161.7	163.2	165.2	167.0	169.3	168.6
72	168.3	169.1	170.4	171.5	173.1	177.6	182.9	183.1
96	183.9	184.3	185.3	184.9	184.9	183.6	182.9	185.3
120	188.4	180.4	173.5	175.1	177.3	179.5	182.2	178.4
144	175.2	177.3	180.0	181.0	182.6	189.3	197.1	196.6
168	196.7	194.2	192.2	189.0	197.1	186.8	187.7	189.9
192	192.6	191.3	196.0	194.1	198.5	202.6	207.5	211.8
216	216.9	220.1	224.2	229.9	236.6	239.1	242.2	230.0
240	222.3	219.3	219.6	218.8	218.6	216.9	215.8	212.9
264	210.6	204.8	199.9	191.5	184.3	178.3	173.1	174.6
288	176.6	171.9	167.9	163.5	159.6	154.8	150.6	146.3
312	142.6	139.8	137.4	135.5	133.9	132.4	131.2	131.3
336	131.9	131.0	130.5	128.0	126.0	125.6	125.6	123.7

DEPTH	2970.0							
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	125.6	125.3	125.3	123.3	121.8	122.8	124.2	124.7
24	125.6	129.3	133.6	138.7	144.7	148.7	153.4	153.5
48	154.1	158.7	164.1	163.9	165.3	166.0	168.3	167.7
72	167.6	168.7	170.4	171.7	173.5	177.8	182.9	183.6
96	184.9	184.9	185.3	184.2	183.6	182.8	182.5	182.3
120	182.5	176.7	171.8	172.2	173.1	174.3	175.9	172.7
144	170.0	169.1	168.6	172.6	177.3	182.3	188.1	191.0
168	194.6	191.6	189.5	188.8	188.8	192.1	188.4	191.1
192	194.3	194.4	195.0	197.3	200.2	205.2	211.0	215.3
216	220.3	223.4	227.3	232.7	239.1	237.7	237.0	228.4
240	223.9	220.9	221.4	220.4	220.0	217.8	216.2	213.8
264	212.0	205.7	201.3	193.1	187.0	180.9	175.6	177.4
288	179.7	177.6	175.9	170.3	165.5	161.5	158.2	151.5
312	148.5	146.0	144.0	142.2	140.9	138.4	137.1	135.3
336	134.4	133.1	133.9	131.8	130.1	130.1	130.5	127.8



CUSTOMER : Eagle US 2, LLC  
 DATE : November 02, 2022

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 OPERATION No. : 2



**WALL RANGES VS DEPTH**

DEPTH	2980.0		TILT		0		VOS		5982.00
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21	
0	137.8	135.8	134.3	132.2	130.5	129.8	129.4	128.9	
24	128.7	131.1	133.9	138.9	144.7	148.5	153.0	153.2	
48	153.7	158.5	166.1	164.8	163.8	165.3	167.2	167.4	
72	167.9	167.9	168.3	170.8	173.8	177.7	182.2	182.8	
96	183.9	184.5	185.6	184.0	182.9	180.2	178.0	178.5	
120	179.4	175.1	171.4	171.0	171.1	172.4	174.2	169.0	
144	166.8	165.6	165.2	170.6	178.3	182.3	181.1	187.1	
168	187.7	187.1	187.0	185.4	184.3	183.8	183.9	188.0	
192	192.9	193.7	195.0	197.8	201.3	205.7	211.0	214.9	
216	222.8	226.4	227.3	232.5	240.0	241.0	243.9	233.7	
240	224.8	223.7	223.1	221.6	220.7	218.6	217.2	214.5	
264	212.4	208.5	205.4	200.2	195.7	186.9	179.4	180.2	
288	181.5	181.1	181.1	176.6	172.8	168.5	164.8	162.8	
312	161.4	155.8	150.9	149.5	148.5	145.5	143.0	141.9	
336	141.2	141.4	141.9	139.3	137.1	136.5	136.4	136.9	

DEPTH	2990.1		TILT		0		VOS		5982.00
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21	
0	146.8	143.4	140.5	141.0	141.9	141.6	141.6	143.6	
24	146.1	143.8	141.9	144.8	148.2	150.9	154.1	154.0	
48	154.4	159.6	165.5	163.4	161.7	165.9	170.7	168.7	
72	167.2	167.2	167.6	170.3	173.5	177.6	182.5	183.0	
96	183.9	184.7	186.0	182.9	180.4	178.6	177.3	176.2	
120	175.6	174.5	173.8	173.3	173.1	171.2	169.7	163.2	
144	163.7	164.2	164.9	170.4	177.0	177.2	180.8	182.7	
168	174.0	184.5	185.6	185.7	186.3	187.6	189.5	188.5	
192	188.1	191.2	195.0	199.3	204.4	208.5	213.4	217.7	
216	222.8	228.0	234.2	238.1	242.9	241.3	240.5	233.9	
240	228.3	224.8	222.1	219.3	217.2	215.9	215.1	214.0	
264	213.4	213.0	205.7	171.3	200.6	178.2	150.4	186.4	
288	184.3	184.0	184.3	182.2	180.8	176.5	172.8	171.3	
312	170.4	166.2	162.7	160.9	159.6	156.4	153.7	153.3	
336	153.4	151.9	150.9	149.5	148.5	147.4	146.8	146.6	

DEPTH	3000.1		TILT		0		VOS		5982.00
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21	
0	159.3	156.6	154.4	153.0	152.0	151.1	150.6	152.9	
24	155.8	155.9	156.5	152.6	149.2	151.6	154.4	154.0	
48	154.1	158.9	164.5	164.1	164.1	164.6	170.7	171.2	
72	170.7	171.5	172.8	173.1	173.8	177.7	182.2	182.4	
96	183.2	185.0	187.4	185.4	183.9	181.9	180.4	177.4	
120	174.9	173.4	172.5	173.6	175.2	172.2	169.7	167.3	
144	165.5	163.4	162.7	165.9	170.7	174.9	179.7	176.5	
168	173.8	177.7	182.2	182.6	183.6	183.8	184.6	184.9	
192	187.6	189.5	190.8	196.3	202.6	205.9	212.7	216.0	
216	223.1	225.5	228.7	233.9	240.1	242.0	244.6	239.0	
240	234.2	231.1	222.8	224.3	220.7	218.1	216.2	218.9	
264	222.4	197.5	178.0	167.3	158.2	146.4	142.5	184.6	
288	191.6	191.1	191.2	189.2	187.7	186.6	186.0	182.4	
312	179.4	176.9	174.9	172.2	170.0	167.0	164.5	163.9	
336	163.8	161.8	160.3	159.4	158.9	158.4	158.2	158.5	



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**WALL RANGES VS DEPTH**

DEPTH	3010.1							
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	162.7	162.7	163.1	159.9	157.2	158.5	160.3	162.0
24	164.1	163.9	164.1	164.9	166.2	160.4	155.5	155.8
48	156.5	159.7	163.4	166.8	172.5	172.7	175.2	173.9
72	173.1	175.8	179.0	179.5	180.4	182.7	185.6	186.2
96	187.4	185.7	184.6	183.1	182.2	183.5	185.3	180.2
120	181.2	176.5	177.7	175.8	174.5	171.7	169.3	164.2
144	161.1	162.9	159.4	167.3	169.7	173.2	177.2	176.2
168	172.9	180.7	180.4	181.4	182.9	184.0	185.6	188.5
192	191.9	195.7	200.2	202.8	206.1	210.1	214.8	220.9
216	226.5	229.7	238.4	241.0	244.3	244.3	245.0	237.1
240	233.8	231.9	227.7	224.4	221.1	217.9	215.8	189.3
264	223.3	164.5	160.7	154.3	148.9	139.1	135.7	182.5
288	126.0	202.9	122.1	193.1	192.4	189.6	187.4	185.7
312	184.6	184.5	184.9	178.8	173.5	172.6	172.1	172.0
336	172.5	170.8	169.7	169.6	170.0	166.6	163.8	163.0

DEPTH	3014.9							
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	172.1	170.1	168.6	166.8	165.5	165.3	165.5	166.1
24	167.2	169.6	172.5	171.3	170.7	164.0	158.2	157.1
48	156.5	162.0	168.3	171.3	174.9	175.2	178.1	176.7
72	178.0	178.5	179.4	181.3	181.4	181.0	183.6	185.0
96	187.0	186.6	186.7	185.4	184.6	189.7	195.7	193.9
120	205.3	190.2	216.1	177.1	176.3	173.2	170.7	167.3
144	164.5	163.6	163.1	165.9	169.3	172.2	175.6	174.1
168	173.1	177.0	181.5	182.6	184.3	185.2	186.7	187.1
192	188.1	198.9	202.9	205.2	208.9	210.8	214.7	220.6
216	227.2	231.6	239.4	241.9	243.5	244.2	245.7	239.4
240	234.3	231.3	227.5	227.7	223.5	220.7	218.6	186.8
264	184.3	163.0	160.0	147.0	138.1	134.5	131.5	130.3
288	120.9	123.3	118.0	200.6	111.0	198.7	192.2	191.6
312	191.5	189.5	188.1	185.5	183.6	180.8	178.7	178.1
336	178.0	176.4	175.2	175.3	175.9	173.0	170.7	171.2

DEPTH	3020.1							
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	174.2	172.4	171.1	171.2	171.8	169.6	167.9	171.6
24	175.9	177.2	179.0	177.6	176.6	168.6	161.7	161.0
48	160.7	162.3	171.7	171.5	179.7	180.0	180.8	181.6
72	182.9	185.8	189.5	192.3	183.0	194.1	198.0	197.8
96	190.7	197.5	204.0	199.7	210.4	197.5	199.5	207.9
120	217.6	216.7	216.5	227.9	241.2	214.6	205.7	188.7
144	202.7	167.0	165.7	168.5	172.5	173.4	174.9	175.3
168	176.3	177.7	179.7	181.7	184.3	185.9	188.1	192.0
192	193.7	198.7	205.1	207.4	210.3	212.9	216.2	221.6
216	228.0	233.7	240.5	241.2	242.5	243.8	245.7	239.8
240	234.9	230.7	227.3	230.0	233.1	223.4	217.6	187.7
264	165.5	157.8	158.1	132.9	116.6	128.2	127.7	179.8
288	215.3	111.6	110.3	107.4	205.2	104.8	105.1	195.6
312	195.5	193.3	188.8	186.4	184.6	183.5	182.9	182.3
336	182.2	181.0	180.4	179.8	179.7	178.8	178.4	176.0



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**WALL RANGES VS DEPTH**

DEPTH	3025.1		TILT		0		VOS		5982.00
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21	
0	179.0	179.1	178.4	178.3	174.9	174.3	174.2	176.5	
24	179.4	181.4	183.9	182.6	181.8	181.9	166.7	173.9	
48	166.6	164.9	173.5	169.6	181.5	178.3	180.8	181.2	
72	182.2	186.1	190.8	191.8	193.3	194.7	196.7	196.5	
96	196.7	197.8	199.5	204.5	210.3	210.5	202.3	211.2	
120	217.0	219.8	223.4	231.2	240.1	230.2	221.7	209.1	
144	209.6	181.6	167.2	170.7	174.9	174.3	174.2	173.4	
168	173.1	175.8	179.0	182.4	186.3	188.0	190.1	191.4	
192	193.3	197.9	203.3	205.8	208.9	210.5	216.8	222.3	
216	228.6	233.2	240.0	241.6	241.5	245.4	250.2	244.2	
240	239.1	235.2	232.1	230.4	229.4	229.9	231.1	193.6	
264	166.9	153.2	146.1	129.5	116.6	115.2	114.2	108.9	
288	117.9	105.5	106.9	104.8	103.1	102.2	101.7	94.7	
312	88.8	86.2	84.0	83.2	82.6	81.2	80.2	185.4	
336	185.4	184.6	184.3	182.3	181.5	180.5	180.1	179.3	

DEPTH	3030.1		TILT		0		VOS		5982.00
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21	
0	186.0	76.1	75.0	73.3	71.8	71.6	175.7	179.4	
24	185.6	184.3	183.6	189.3	184.7	187.0	184.3	193.5	
48	191.5	182.8	175.3	174.3	184.0	177.8	182.5	183.5	
72	184.9	191.2	216.4	194.6	219.9	197.2	225.9	197.8	
96	231.4	199.2	201.9	205.9	210.4	209.7	210.3	207.4	
120	216.9	217.6	223.3	230.9	239.3	231.1	219.9	216.0	
144	212.1	217.6	214.4	190.8	172.3	174.0	176.3	175.9	
168	175.9	174.8	184.5	187.4	190.8	186.3	186.7	188.6	
192	199.2	201.8	204.9	207.9	211.6	214.3	217.9	223.2	
216	229.1	233.5	239.5	242.1	244.9	247.8	251.4	250.0	
240	251.9	249.5	261.0	240.8	234.9	235.3	236.3	192.1	
264	242.9	148.4	141.7	126.9	112.0	109.8	109.0	108.5	
288	108.3	102.1	226.5	217.8	98.6	95.7	93.3	89.6	
312	86.4	84.2	82.2	81.6	81.2	191.2	189.0	188.5	
336	73.2	72.1	71.1	72.1	73.2	70.8	68.7	72.7	

DEPTH	3034.9		TILT		0		VOS		5982.00
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21	
0	77.6	75.6	73.9	72.0	70.4	179.4	192.9	182.2	
24	194.6	187.4	196.4	196.0	196.0	192.0	188.6	193.9	
48	200.2	185.2	172.8	179.4	187.0	185.7	184.9	187.1	
72	214.7	206.4	224.1	197.1	229.3	227.5	232.7	232.7	
96	236.2	240.0	203.0	205.8	209.2	212.5	216.5	212.3	
120	275.1	215.5	223.1	230.7	292.7	304.3	221.7	219.0	
144	216.9	221.6	227.3	213.6	201.9	187.0	174.5	175.5	
168	177.0	181.8	187.4	189.8	192.9	195.1	197.8	199.1	
192	200.9	203.0	205.8	208.4	211.7	214.9	218.9	224.1	
216	230.0	234.5	239.8	243.9	248.8	249.8	251.6	255.5	
240	260.2	265.8	272.4	268.6	265.7	261.7	258.5	190.6	
264	151.3	143.1	136.0	120.8	109.0	108.1	107.6	100.0	
288	231.0	230.0	95.1	90.4	213.5	84.7	207.2	206.8	
312	79.7	75.3	81.2	73.3	67.0	67.4	68.0	66.3	
336	191.2	190.7	190.8	188.6	187.0	187.0	61.7	190.4	



CUSTOMER : Eagle US 2, LLC  
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**WALL RANGES VS DEPTH**

DEPTH	3040.0		TILT		0		VOS		5982.00
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21	
0	193.3	72.3	71.6	67.6	64.2	69.1	55.3	185.2	
24	72.5	190.5	196.4	196.9	198.0	198.4	199.3	201.3	
48	204.0	203.5	203.6	204.6	206.1	208.9	212.4	215.0	
72	218.3	221.0	224.5	228.3	232.8	231.3	236.3	237.7	
96	239.8	243.7	247.5	251.8	256.4	259.9	265.7	269.6	
120	274.5	282.6	292.2	297.1	303.0	308.0	314.0	308.9	
144	304.7	303.7	303.6	295.1	291.7	290.6	290.3	199.1	
168	201.6	197.4	194.0	195.5	197.6	198.6	200.2	201.3	
192	203.0	204.6	208.8	211.1	213.9	216.0	219.6	225.6	
216	294.1	236.4	241.2	247.9	255.7	239.4	225.5	248.8	
240	278.3	274.7	272.0	267.1	263.0	260.6	258.8	195.9	
264	157.9	142.8	130.7	118.3	108.3	108.0	88.7	90.0	
288	97.3	93.4	231.0	87.9	216.3	84.7	83.6	79.9	
312	76.7	70.2	80.1	65.8	67.0	62.5	190.8	62.8	
336	67.7	67.0	56.1	188.1	60.9	186.7	56.6	72.5	

DEPTH	3045.1		TILT		0		VOS		5982.00
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21	
0	76.0	69.3	63.9	63.9	64.2	68.2	50.6	188.1	
24	69.1	69.7	70.4	72.7	75.3	71.4	68.0	75.1	
48	84.0	79.6	75.9	79.4	83.6	211.0	217.9	218.0	
72	222.8	224.5	231.4	231.6	232.5	234.4	237.0	238.2	
96	240.1	243.9	249.1	253.7	256.4	261.5	267.5	273.7	
120	281.1	287.9	296.0	299.3	303.6	308.1	313.7	312.9	
144	313.0	306.9	301.9	296.5	292.2	291.8	292.2	292.4	
168	293.5	295.2	297.7	299.2	301.5	302.7	304.6	303.7	
192	303.6	309.2	315.9	311.2	307.4	303.5	300.5	297.3	
216	294.9	242.2	209.6	248.8	217.6	215.0	213.0	241.9	
240	280.7	277.9	275.8	276.0	276.9	272.6	269.3	197.4	
264	156.1	141.9	130.3	118.3	108.6	95.2	85.0	80.9	
288	77.4	79.0	232.4	85.0	89.9	71.6	214.8	64.8	
312	76.7	67.8	64.9	64.6	64.6	197.7	57.6	191.6	
336	193.1	62.1	53.6	61.8	62.5	186.5	187.3	189.2	

DEPTH	3050.0		TILT		-3		VOS		5983.00
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21	
0	66.7	60.9	56.1	56.2	56.5	51.9	48.2	55.3	
24	65.2	62.4	60.0	59.1	58.4	61.2	211.5	70.3	
48	77.8	68.9	62.0	68.8	77.4	80.0	82.9	225.4	
72	239.3	244.2	250.0	244.1	243.5	247.8	252.7	257.1	
96	262.3	265.0	268.5	271.4	275.2	278.7	283.2	284.8	
120	287.3	291.9	297.2	302.7	309.2	310.5	312.6	311.7	
144	308.4	307.4	303.1	298.0	293.7	293.6	294.4	295.8	
168	298.0	297.1	297.1	298.3	300.4	301.5	303.4	305.6	
192	308.7	314.9	322.4	323.0	324.2	321.8	320.2	263.2	
216	223.9	201.7	193.3	184.6	176.1	179.2	185.6	189.6	
240	200.3	202.3	215.0	213.2	214.7	221.4	243.5	167.8	
264	154.8	124.1	103.9	98.9	109.7	82.2	85.8	80.2	
288	237.9	77.4	79.8	76.6	73.8	67.5	62.4	62.1	
312	61.9	61.9	62.0	63.1	64.4	59.2	189.5	57.7	
336	61.0	56.1	52.1	54.5	57.3	53.6	50.5	57.4	





CUSTOMER : Eagle US 2, LLC  
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**WALL RANGES VS DEPTH**

DEPTH	3050.0			TILT			-6			VOS	5983.00	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21				
0	67.1	58.4	194.8	195.9	197.6	51.6	48.2	55.2				
24	64.8	62.4	60.4	56.6	217.6	58.9	65.9	70.3				
48	75.6	68.3	62.4	220.1	78.2	80.6	83.3	228.9				
72	240.1	244.4	249.6	252.0	255.1	257.9	261.4	262.4				
96	264.2	267.7	274.8	277.4	280.6	284.3	289.2	290.8				
120	293.1	297.6	303.2	306.8	311.6	313.5	316.3	315.3				
144	315.1	311.3	308.4	303.2	298.9	298.9	299.7	302.4				
168	306.0	307.0	310.7	309.2	308.5	310.9	314.3	317.8				
192	322.2	323.0	326.5	325.3	317.5	296.3	292.7	217.5				
216	186.8	185.8	185.3	180.1	176.0	178.4	182.4	181.7				
240	186.0	183.5	186.0	187.3	189.4	185.8	180.9	169.3				
264	156.0	124.7	105.1	92.6	108.4	77.2	73.4	74.5				
288	76.6	75.1	73.8	73.7	73.8	69.8	66.3	60.5				
312	55.7	58.6	62.0	61.5	61.2	58.0	55.3	54.8				
336	54.5	53.0	51.7	54.3	57.3	53.8	50.9	57.8				

DEPTH	3050.0			TILT			-9			VOS	5983.00	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21				
0	67.1	59.8	54.1	56.1	58.4	52.5	47.8	54.0				
24	62.4	61.1	60.0	57.3	54.9	59.8	65.9	70.3				
48	227.5	69.8	226.4	227.3	228.8	79.1	233.1	124.9				
72	236.9	241.7	247.3	250.8	255.1	257.5	260.6	259.9				
96	260.0	261.7	264.2	268.3	273.3	280.6	289.1	291.2				
120	294.2	298.8	304.5	295.5	299.9	303.4	307.6	301.1				
144	314.1	302.3	302.1	299.3	297.3	300.8	305.2	306.6				
168	308.8	309.8	311.6	311.3	312.0	312.7	314.3	278.1				
192	250.0	238.7	293.5	265.5	256.1	223.0	180.9	180.2				
216	180.1	171.6	164.3	164.2	164.7	166.5	158.8	160.9				
240	168.8	160.9	170.7	158.2	154.2	153.9	168.8	152.6				
264	155.6	121.3	106.2	93.6	83.3	78.6	74.3	75.5				
288	76.6	75.1	74.3	66.1	73.7	227.3	67.1	60.8				
312	55.7	57.9	60.4	61.1	62.0	56.8	52.5	53.2				
336	54.1	52.4	50.9	53.8	57.3	53.8	50.9	57.9				

DEPTH	3050.0			TILT			-12			VOS	5983.00	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21				
0	201.0	60.2	56.1	56.2	56.5	51.9	206.4	54.5				
24	62.9	61.1	59.6	57.1	54.9	59.8	65.9	220.7				
48	74.6	213.9	208.5	205.0	199.7	217.8	85.3	103.2				
72	131.1	138.2	175.6	170.9	168.3	147.2	152.0	174.4				
96	238.0	237.5	244.3	247.8	252.0	251.2	250.7	255.1				
120	274.6	273.6	280.6	280.7	274.0	277.0	289.9	281.2				
144	282.3	287.2	293.0	296.7	301.3	303.2	306.0	299.6				
168	294.2	284.9	276.8	277.2	278.4	276.3	272.9	243.1				
192	223.5	221.2	219.5	196.3	183.5	174.1	175.7	178.2				
216	181.2	167.9	156.8	159.1	161.9	154.9	148.9	147.3				
240	146.1	137.4	137.5	134.2	132.7	138.2	148.1	149.3				
264	150.8	117.7	101.3	94.6	84.1	79.0	74.6	75.7				
288	77.7	75.3	73.8	64.9	58.5	67.9	63.2	58.2				
312	212.7	56.8	60.0	60.9	50.2	57.7	197.0	197.9				
336	199.5	194.8	51.3	53.2	189.4	53.2	51.3	57.4				



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**WALL RANGES VS DEPTH**

DEPTH	3050.0			TILT			-15			VOS			5983.00		
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21							
0	66.7	61.0	56.2	54.6	53.2	50.8	48.8	47.9							
24	62.8	52.5	211.6	203.4	198.1	59.3	65.8	70.0							
48	165.4	154.8	134.6	70.6	75.3	79.5	87.8	104.0							
72	132.2	139.9	149.0	144.6	140.9	141.0	141.5	152.8							
96	220.2	175.5	229.7	191.5	223.0	221.2	220.1	226.0							
120	241.7	249.5	258.5	258.9	260.0	264.5	269.8	274.1							
144	273.7	274.9	276.7	277.1	284.8	280.7	276.3	274.6							
168	273.8	269.3	269.2	268.7	252.8	254.3	242.5	224.9							
192	223.1	205.3	189.1	183.0	177.7	165.3	155.0	153.1							
216	151.7	152.1	152.9	148.1	143.9	143.6	143.6	137.9							
240	136.0	129.4	124.5	118.3	119.4	128.3	139.1	141.6							
264	144.5	111.3	96.8	91.1	86.2	81.0	76.6	77.6							
288	79.0	75.5	74.0	65.4	57.5	59.7	61.9	58.7							
312	55.9	57.9	61.3	199.1	199.9	50.6	198.2	198.6							
336	46.6	195.6	51.5	52.3	192.2	52.3	51.5	58.0							

DEPTH	3050.0			TILT			-18			VOS			5983.00		
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21							
0	196.9	59.1	55.0	53.3	51.8	50.2	48.8	48.2							
24	188.9	53.0	176.2	174.8	55.3	156.9	152.6	152.7							
48	56.8	61.4	68.5	71.0	75.7	80.7	88.4	105.3							
72	130.1	139.3	146.3	145.7	147.5	144.2	141.5	143.1							
96	145.1	148.4	152.3	159.5	167.8	178.6	191.5	198.4							
120	206.4	220.2	236.6	243.3	251.0	247.0	243.8	243.5							
144	243.8	246.7	250.4	257.1	261.0	257.1	254.2	256.2							
168	258.6	237.4	246.2	248.3	237.8	227.6	218.7	201.7							
192	202.1	187.7	167.2	148.8	140.9	144.6	147.3	147.6							
216	149.6	149.1	149.3	145.5	142.9	142.6	142.4	125.9							
240	119.7	117.7	116.1	113.0	116.3	116.7	117.0	119.9							
264	138.6	109.6	87.0	85.3	86.8	80.6	76.3	76.8							
288	77.8	74.6	71.8	67.5	63.9	60.2	62.3	58.4							
312	55.3	55.6	197.0	184.2	192.1	51.2	52.7	198.9							
336	46.4	48.7	51.5	53.0	54.7	53.1	51.8	57.2							

DEPTH	3050.0			TILT			-21			VOS			5983.00		
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21							
0	63.8	59.7	56.2	53.7	51.5	50.3	49.3	48.8							
24	48.5	54.1	61.3	57.5	54.3	59.2	65.3	61.5							
48	57.8	62.9	69.1	71.3	75.6	83.4	92.5	106.1							
72	124.9	126.2	127.9	127.6	127.7	131.4	135.7	140.5							
96	146.0	152.0	158.9	162.6	166.9	171.1	175.9	189.5							
120	205.8	210.0	214.8	215.0	215.6	220.0	225.2	221.8							
144	219.1	219.4	220.1	218.0	216.4	217.6	219.4	220.7							
168	222.6	218.5	215.1	182.8	159.3	191.0	183.9	168.0							
192	144.5	137.9	132.2	133.9	135.9	139.8	134.7	133.6							
216	139.2	135.4	120.7	126.2	102.5	109.2	89.8	86.1							
240	85.4	95.4	108.3	104.7	101.5	101.0	100.8	110.9							
264	123.6	99.0	84.7	82.0	81.2	79.5	77.4	74.8							
288	72.6	71.4	70.4	66.9	63.8	63.6	63.6	58.8							
312	55.5	55.9	57.1	53.5	49.8	51.7	54.0	50.1							
336	46.7	49.2	52.0	54.0	56.3	54.1	52.3	57.4							



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**WALL RANGES VS DEPTH**

DEPTH	3050.0			TILT -24			VOS 5983.00		
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21	
0	60.8	58.4	56.3	53.9	51.8	50.8	50.0	48.8	
24	48.8	55.2	62.6	58.9	55.8	60.4	69.1	62.6	
48	58.7	62.9	69.9	73.7	78.1	84.5	92.2	103.1	
72	117.1	123.5	130.9	130.0	129.4	131.1	133.2	136.8	
96	141.0	107.8	87.4	89.7	92.2	116.7	159.3	167.2	
120	176.4	171.3	198.7	172.7	192.4	202.4	204.3	206.3	
144	208.9	206.9	209.8	198.4	196.3	192.0	188.4	182.7	
168	177.7	171.2	165.6	160.4	155.8	151.1	147.0	141.5	
192	136.7	134.6	132.9	128.0	122.6	119.0	115.8	115.2	
216	114.8	104.8	98.5	97.0	90.9	84.8	84.2	83.7	
240	83.4	82.3	89.0	87.3	94.2	97.8	97.0	108.5	
264	123.4	97.3	84.4	80.0	76.1	75.4	74.9	72.6	
288	70.6	67.8	68.7	65.4	63.0	61.9	61.2	59.5	
312	56.8	55.5	55.5	52.7	50.4	52.1	53.7	51.8	
336	175.7	49.1	52.5	53.6	54.8	183.7	181.7	56.6	

DEPTH	3050.0			TILT -27			VOS 5983.00		
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21	
0	60.1	58.7	57.5	55.4	52.8	51.5	50.4	50.1	
24	50.3	53.4	63.0	53.7	56.0	61.6	68.3	63.6	
48	59.8	65.0	71.4	75.2	79.7	87.0	96.0	103.4	
72	101.5	115.8	119.9	121.3	123.1	124.6	126.4	128.9	
96	92.5	87.9	83.9	89.0	140.1	108.7	127.4	126.6	
120	136.7	143.6	167.1	172.2	177.9	180.3	183.2	183.9	
144	184.9	180.2	184.7	181.4	178.8	176.5	172.9	171.1	
168	169.8	164.9	152.7	151.3	148.9	147.1	130.1	121.9	
192	123.5	115.2	121.4	112.3	110.4	104.3	87.4	83.7	
216	93.7	87.9	88.2	84.2	77.1	76.2	75.4	77.1	
240	77.4	78.6	80.1	85.6	92.0	97.2	102.7	106.0	
264	109.1	99.2	83.3	80.9	72.9	71.4	70.1	69.4	
288	68.9	66.7	64.8	62.4	60.3	58.6	57.0	57.0	
312	57.0	55.6	54.3	52.1	50.6	51.9	54.3	50.9	
336	48.0	49.4	51.6	52.8	52.5	53.0	53.5	56.5	

DEPTH	3050.0			TILT -30			VOS 5983.00		
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21	
0	58.5	58.4	58.4	55.6	53.3	52.2	51.3	50.6	
24	50.4	50.7	61.8	54.0	56.3	63.3	68.9	64.0	
48	60.5	65.9	73.1	77.3	82.2	86.8	92.2	94.8	
72	97.8	105.9	115.8	114.5	113.3	111.8	115.3	117.2	
96	96.7	88.3	81.4	84.7	88.5	104.3	127.4	126.9	
120	126.6	134.1	142.8	149.0	163.4	164.2	159.8	161.0	
144	162.6	162.4	162.6	158.4	161.1	158.8	163.3	150.5	
168	139.7	136.1	132.9	121.6	131.3	110.4	108.8	100.7	
192	101.5	90.1	100.3	86.0	85.4	80.6	76.4	76.1	
216	75.9	76.1	76.4	74.6	73.1	73.3	73.6	74.0	
240	74.6	75.7	76.9	79.7	82.9	86.1	98.7	97.3	
264	106.5	108.8	81.9	87.6	72.4	70.9	69.6	66.5	
288	63.8	62.0	60.3	59.6	59.1	58.0	57.0	55.8	
312	54.8	54.3	54.0	53.3	49.1	52.0	53.2	49.4	
336	48.5	48.6	51.6	53.7	53.8	53.8	54.0	56.1	



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**WALL RANGES VS DEPTH**

DEPTH	3050.0			TILT			-33			VOS	5983.00		
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21					
0	57.0	56.4	55.8	55.9	56.0	52.4	52.8	52.8					
24	53.0	53.1	61.5	56.0	59.1	64.3	70.6	64.9					
48	62.8	69.1	76.9	80.1	83.7	84.6	85.7	88.6					
72	92.0	95.7	113.0	102.2	104.8	105.2	105.8	98.4					
96	92.2	85.1	79.2	81.4	83.9	90.2	97.8	109.4					
120	124.4	126.7	129.4	136.0	149.3	145.7	148.3	145.2					
144	142.5	137.1	151.2	139.6	149.3	130.2	140.6	115.1					
168	113.6	110.0	106.8	104.4	102.3	96.5	91.5	83.3					
192	87.5	76.4	76.4	74.0	71.9	70.9	70.1	71.3					
216	72.6	71.1	69.9	69.8	69.9	70.0	70.4	70.9					
240	71.6	71.2	70.9	73.3	76.1	79.1	82.4	84.4					
264	86.7	92.2	98.8	81.4	69.4	67.1	65.1	63.5					
288	62.1	60.7	59.6	58.7	58.0	56.8	55.8	54.9					
312	54.8	54.0	53.3	52.5	51.8	51.6	51.5	49.1					
336	47.0	49.6	52.5	52.5	52.5	53.5	54.5	55.7					

DEPTH	3050.0			TILT			-36			VOS	5983.00		
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21					
0	56.5	56.6	56.8	56.4	56.0	54.6	53.3	54.0					
24	54.8	55.0	58.7	59.1	63.6	61.3	65.5	64.3					
48	64.3	70.7	78.7	80.4	82.4	83.2	84.2	86.9					
72	90.0	91.7	93.7	92.0	90.5	86.5	102.1	86.1					
96	89.7	82.7	76.9	78.5	80.4	84.3	94.7	94.7					
120	101.8	110.4	120.9	125.3	130.4	134.0	138.0	136.2					
144	134.7	125.7	126.6	121.8	117.5	115.5	114.1	98.2					
168	86.3	83.2	80.4	83.5	86.9	83.6	80.7	77.3					
192	74.4	71.3	68.6	66.5	64.6	64.9	65.3	64.6					
216	64.1	66.0	68.1	66.6	65.3	66.9	68.6	69.0					
240	69.6	69.4	69.4	70.2	71.1	73.6	76.4	80.8					
264	78.8	87.2	88.7	78.1	69.9	66.8	64.1	61.9					
288	60.1	59.6	59.3	58.9	58.5	57.1	55.8	54.3					
312	53.0	52.0	51.0	51.3	51.8	51.0	50.3	48.8					
336	47.5	49.5	51.8	51.2	50.8	51.8	53.0	54.7					

DEPTH	3050.0			TILT			-39			VOS	5983.00		
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21					
0	56.0	55.2	54.4	55.2	56.1	55.8	55.5	55.1					
24	54.7	55.5	56.4	59.7	63.7	62.4	61.3	63.9					
48	66.9	71.6	77.2	78.7	80.4	80.9	81.5	81.1					
72	85.9	85.1	88.1	78.8	84.1	80.2	83.5	82.3					
96	81.2	79.0	76.9	77.9	79.1	82.0	92.1	90.5					
120	96.6	101.6	107.3	109.5	118.7	113.1	114.5	114.1					
144	113.9	112.8	111.9	108.0	104.5	91.5	81.5	80.0					
168	82.5	77.1	78.5	76.3	77.1	76.1	75.3	72.0					
192	69.0	67.0	65.1	63.3	61.7	62.3	63.1	63.5					
216	64.0	64.3	64.7	64.4	64.1	64.0	63.9	65.4					
240	67.0	67.4	67.8	68.9	70.0	70.2	70.6	70.7					
264	71.0	72.7	74.7	70.5	66.9	63.9	61.3	60.2					
288	59.2	58.9	58.8	57.5	56.4	55.2	54.1	53.3					
312	52.7	52.1	51.7	50.8	50.0	49.8	49.7	50.1					
336	50.6	50.5	50.4	50.2	50.1	51.5	53.1	54.5					



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**WALL RANGES VS DEPTH**

DEPTH	3050.0			TILT			-42			VOS			5983.00		
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21							
0	53.1	54.1	55.2	55.8	56.6	56.3	56.0	56.5							
24	57.2	57.7	58.3	61.5	65.1	64.7	64.5	67.7							
48	71.4	73.8	76.5	77.0	77.7	78.0	78.4	79.4							
72	80.5	79.6	83.4	76.3	77.5	74.5	75.1	74.1							
96	79.2	73.8	74.7	77.5	80.8	82.2	83.9	85.9							
120	88.2	90.8	93.7	94.9	96.3	93.4	90.8	90.2							
144	97.7	89.0	95.0	91.7	90.0	82.8	69.8	73.3							
168	77.3	76.1	75.0	73.7	72.5	72.2	71.9	69.5							
192	67.4	65.3	63.5	62.0	60.7	60.1	59.6	60.6							
216	61.7	61.9	62.1	62.4	62.8	62.3	61.9	62.4							
240	62.9	62.5	62.2	63.6	65.1	64.4	63.8	66.1							
264	68.7	69.1	69.6	70.8	72.2	65.7	60.3	59.8							
288	59.5	58.5	57.7	57.2	56.7	54.7	52.9	52.3							
312	51.8	51.5	51.2	50.4	49.7	49.3	49.1	49.0							
336	48.9	49.4	49.9	49.6	49.3	49.9	50.5	51.7							

DEPTH	3050.0			TILT			-45			VOS			5983.00		
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21							
0	52.1	53.1	54.3	55.1	56.0	55.2	54.6	55.2							
24	55.9	56.7	57.6	60.6	64.1	65.2	66.3	68.7							
48	71.3	73.4	75.6	75.8	76.1	76.6	77.2	78.1							
72	79.1	78.6	78.1	75.7	73.5	73.4	73.4	73.7							
96	74.1	74.8	75.6	76.0	76.6	78.8	81.4	80.6							
120	79.9	80.2	80.7	79.3	78.1	77.1	76.2	75.1							
144	74.1	73.7	81.3	79.8	79.1	75.8	70.2	70.2							
168	70.2	71.4	72.6	71.7	71.0	69.1	67.4	66.5							
192	65.8	64.4	63.1	61.4	59.8	59.4	59.1	59.4							
216	59.7	59.4	59.2	59.8	60.4	60.1	59.9	59.2							
240	58.6	58.2	57.9	59.8	61.9	61.8	61.9	64.2							
264	66.8	67.6	68.6	69.1	69.6	64.6	63.3	59.9							
288	59.6	58.4	57.3	56.3	55.4	54.3	53.2	52.7							
312	52.2	51.7	51.2	50.1	49.2	48.8	48.6	48.6							
336	48.7	49.0	49.4	49.0	48.6	49.3	50.1	51.0							

DEPTH	3050.0			TILT			-48			VOS			5983.00		
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21							
0	52.1	53.9	55.9	56.0	56.1	55.8	55.6	55.7							
24	55.8	56.8	58.0	60.8	64.0	64.5	65.1	67.4							
48	69.9	71.3	72.9	73.4	73.9	74.3	74.7	76.6							
72	78.7	77.9	77.2	74.0	71.2	68.9	66.8	67.3							
96	67.8	69.3	71.0	72.4	74.1	75.5	77.2	76.8							
120	76.6	75.5	74.5	73.8	73.1	73.1	73.1	72.6							
144	72.2	71.5	71.0	70.8	70.7	70.1	69.5	69.5							
168	69.6	69.8	70.0	69.1	68.3	67.3	66.4	64.6							
192	62.9	62.4	61.9	61.5	61.1	59.6	58.3	57.9							
216	57.6	57.3	57.1	57.5	58.0	57.3	56.7	56.9							
240	57.2	57.2	57.2	57.9	58.6	59.1	59.7	60.1							
264	65.0	65.9	66.3	66.5	66.8	61.6	70.4	61.1							
288	59.9	58.3	56.8	55.7	54.7	53.5	52.4	52.1							
312	51.9	51.1	50.4	49.6	48.9	48.8	48.7	48.5							
336	48.3	48.4	48.6	48.5	48.5	48.3	48.2	50.0							



CUSTOMER : Eagle US 2, LLC  
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**WALL RANGES VS DEPTH**

DEPTH	3050.0			TILT			-51			VOS			5983.00		
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21							
0	51.6	53.6	55.8	55.6	55.5	56.0	56.5	56.2							
24	56.0	57.5	59.1	60.0	60.9	62.3	63.8	66.4							
48	69.3	70.4	71.6	71.8	72.0	73.2	74.5	74.6							
72	74.6	72.7	71.0	70.4	70.0	68.2	66.7	66.4							
96	66.3	67.3	68.3	69.5	70.8	70.9	71.1	72.4							
120	73.9	72.3	70.7	71.5	72.4	71.6	71.0	71.0							
144	71.2	70.3	69.4	69.7	70.0	69.1	68.3	68.0							
168	67.7	67.3	67.0	65.5	64.1	63.0	62.0	61.5							
192	61.1	60.4	59.7	59.7	59.7	58.5	57.3	57.2							
216	57.2	57.0	57.0	56.6	56.4	56.5	56.7	56.7							
240	56.7	56.9	57.2	57.5	57.8	58.6	59.5	61.3							
264	63.4	64.4	65.5	65.5	65.6	59.7	66.2	62.4							
288	66.2	57.6	57.2	55.6	54.2	53.4	52.8	52.4							
312	52.1	51.6	51.2	50.2	49.3	48.9	48.5	48.6							
336	48.7	48.3	47.9	48.1	48.3	48.4	48.5	49.9							

DEPTH	3050.0			TILT			-54			VOS			5983.00		
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21							
0	49.3	52.5	56.1	56.2	56.4	56.3	56.3	56.6							
24	56.9	57.7	58.5	59.3	60.2	62.2	64.5	64.7							
48	65.0	67.0	69.2	69.7	70.2	69.2	68.2	64.6							
72	61.4	60.9	60.4	60.8	61.3	61.4	61.6	61.2							
96	60.8	61.6	62.5	63.0	67.7	65.8	68.1	68.5							
120	69.0	69.0	69.0	68.6	68.2	68.7	69.3	68.8							
144	68.4	68.7	68.9	68.0	67.2	67.0	66.8	65.4							
168	64.1	63.7	63.3	62.2	61.1	60.0	58.9	58.5							
192	58.2	58.8	59.4	59.3	59.4	58.2	57.2	57.2							
216	57.2	56.7	56.4	56.3	56.2	56.3	56.4	56.5							
240	56.6	56.6	56.7	57.2	57.8	58.5	59.4	59.9							
264	60.6	60.2	59.8	61.0	62.4	62.6	63.0	63.9							
288	65.0	64.9	64.9	59.4	54.8	53.8	52.9	52.3							
312	51.7	50.9	50.3	49.8	49.4	48.9	48.5	48.4							
336	48.5	48.2	48.0	48.0	48.1	48.2	48.3	48.8							

DEPTH	3050.0			TILT			-57			VOS			5983.00		
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21							
0	50.0	50.2	50.4	53.2	56.5	56.2	56.0	56.9							
24	57.9	58.4	58.9	59.3	59.8	60.5	61.3	62.6							
48	64.0	64.6	65.3	64.9	64.5	64.4	64.3	62.1							
72	60.1	58.8	57.6	58.2	58.9	58.8	58.8	59.0							
96	59.2	59.7	60.2	60.3	64.9	61.7	63.2	64.4							
120	65.8	66.0	66.2	66.4	66.8	66.9	67.1	66.4							
144	65.7	65.2	64.7	64.8	65.0	64.5	64.1	63.0							
168	62.0	61.3	60.7	60.1	59.6	57.9	56.3	55.6							
192	55.0	55.9	56.8	57.5	58.3	57.6	57.1	56.6							
216	56.2	56.2	56.1	55.9	55.8	55.6	55.5	55.7							
240	55.9	56.0	56.2	56.6	57.0	57.0	57.1	56.9							
264	56.7	56.8	56.8	56.8	56.8	56.9	57.1	57.0							
288	63.4	60.2	63.8	63.2	55.3	57.4	56.2	53.2							
312	52.0	51.4	50.6	50.1	49.6	49.2	48.7	48.6							
336	48.6	48.3	48.1	48.2	48.3	48.6	48.8	49.4							



CUSTOMER : Eagle US 2, LLC  
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**WALL RANGES VS DEPTH**

DEPTH	3050.0			TILT			-60			VOS			5983.00		
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21							
0	49.3	50.6	51.9	54.4	57.1	57.5	58.0	58.0							
24	58.0	58.4	58.9	59.3	59.8	60.3	60.9	61.7							
48	62.6	62.1	61.7	60.9	60.1	60.8	61.5	59.9							
72	58.4	57.8	57.3	57.0	56.7	54.8	53.1	52.9							
96	52.7	55.6	58.9	59.4	59.9	60.2	60.5	61.1							
120	61.7	62.0	62.3	62.6	62.8	63.0	63.2	62.7							
144	62.3	62.4	62.6	62.3	62.1	61.5	60.9	60.2							
168	59.6	59.2	58.9	57.9	57.1	55.1	53.2	52.9							
192	52.5	53.5	54.6	55.7	56.8	56.4	56.0	55.9							
216	55.8	55.6	55.4	54.7	54.1	54.7	55.3	54.8							
240	54.4	54.6	54.8	55.3	55.9	55.1	54.3	53.8							
264	53.4	54.1	54.9	54.9	54.9	55.7	56.5	56.2							
288	55.9	56.3	56.7	57.5	58.4	58.8	59.2	55.9							
312	53.0	52.0	51.1	50.5	50.0	49.6	49.2	49.0							
336	48.8	48.6	48.3	48.5	48.7	48.7	48.7	49.0							

DEPTH	3050.0			TILT			-63			VOS			5983.00		
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21							
0	50.4	51.1	51.8	54.8	58.3	58.1	58.0	58.1							
24	58.3	58.7	59.1	59.9	60.7	60.7	60.8	59.9							
48	59.0	59.0	59.1	58.8	58.5	58.9	59.4	57.7							
72	56.1	55.7	55.4	54.2	53.0	52.6	52.3	52.1							
96	51.9	50.7	54.6	54.7	54.9	51.3	52.5	53.0							
120	53.5	53.5	53.6	52.4	59.0	53.6	56.4	57.2							
144	58.0	58.3	58.6	58.0	57.4	57.8	58.2	58.1							
168	58.2	57.0	55.9	54.7	53.6	52.6	51.7	51.7							
192	51.8	52.9	54.1	54.8	55.5	55.3	55.0	54.5							
216	54.0	54.1	54.2	53.8	53.5	53.2	52.9	53.2							
240	53.5	53.0	52.5	52.2	51.8	52.2	52.7	52.6							
264	52.5	52.3	52.1	51.8	51.6	52.4	53.4	53.6							
288	53.8	54.9	56.1	56.3	56.5	57.2	59.7	57.8							
312	61.6	53.8	50.4	50.4	50.5	50.2	50.0	50.4							
336	50.7	49.9	49.1	49.0	48.9	49.2	49.5	49.9							

DEPTH	3050.0			TILT			-66			VOS			5983.00		
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21							
0	62.5	61.6	60.8	59.9	59.1	58.9	58.6	58.6							
24	58.5	59.0	59.5	59.3	59.1	59.0	58.9	58.9							
48	59.0	58.4	57.8	57.3	56.8	56.6	56.4	55.9							
72	55.4	54.9	54.4	53.7	53.0	52.6	52.3	51.1							
96	49.9	50.5	51.1	50.9	50.7	49.7	48.7	48.4							
120	48.1	49.3	50.5	50.7	50.8	51.8	52.8	54.1							
144	55.5	54.8	54.1	53.8	53.5	54.4	55.4	54.3							
168	53.2	53.5	53.8	53.2	52.7	51.8	51.1	50.7							
192	50.3	51.1	52.1	53.3	54.7	54.6	54.6	53.9							
216	53.4	52.9	52.4	52.5	52.5	51.8	51.1	51.6							
240	52.0	51.5	51.0	51.3	51.7	50.3	48.9	49.1							
264	49.3	49.9	50.5	50.7	51.0	51.4	51.9	51.9							
288	51.8	52.5	53.2	53.6	54.0	54.9	59.0	57.0							
312	58.3	54.6	51.3	51.3	51.3	51.4	51.4	51.1							
336	50.9	55.6	61.3	61.1	60.9	60.4	59.9	61.2							



CUSTOMER : Eagle US 2, LLC  
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**WALL RANGES VS DEPTH**

DEPTH	3050.0			TILT			-69			VOS			5983.00		
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21							
0	59.7	59.6	59.5	59.6	59.8	59.5	59.2	59.2							
24	59.2	59.0	58.8	58.6	58.5	57.7	57.0	56.8							
48	56.6	56.0	55.4	55.3	55.3	55.3	55.4	55.5							
72	55.6	54.5	53.4	52.8	52.3	51.2	50.1	49.9							
96	49.7	49.3	49.1	49.1	49.1	49.2	49.4	49.5							
120	49.5	49.9	50.3	50.1	50.0	50.6	51.2	52.2							
144	53.2	52.5	51.9	51.8	51.8	51.9	52.0	51.6							
168	51.2	51.7	52.3	51.1	49.9	49.6	49.4	49.4							
192	49.4	49.9	50.4	51.2	52.2	52.6	53.0	52.8							
216	52.5	50.5	48.7	48.7	48.7	48.5	48.2	47.9							
240	47.6	47.7	47.9	48.0	48.2	48.6	49.1	49.2							
264	49.3	49.4	49.4	49.9	50.4	51.0	51.7	52.0							
288	52.4	52.5	52.5	53.1	53.7	54.1	54.4	54.0							
312	53.6	53.7	53.8	54.3	54.8	54.6	54.3	54.6							
336	54.9	57.3	59.9	60.1	60.2	59.9	59.7	59.7							

DEPTH	3050.0			TILT			-72			VOS			5983.00		
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21							
0	59.0	59.0	59.1	58.9	58.6	58.8	59.0	58.9							
24	58.8	58.1	57.4	57.2	57.1	56.6	56.2	56.1							
48	55.9	55.8	55.6	55.0	54.3	54.3	54.2	54.1							
72	54.0	53.0	52.2	52.0	51.8	51.7	51.7	51.2							
96	50.7	50.7	50.6	49.8	49.1	49.0	48.9	49.0							
120	49.1	48.8	48.5	48.5	48.5	48.3	48.1	48.2							
144	48.2	48.1	48.0	48.1	48.2	48.5	48.7	48.6							
168	48.6	49.1	49.7	49.9	50.3	50.4	50.5	49.9							
192	49.3	50.0	50.7	50.9	51.1	51.1	51.1	51.0							
216	51.0	49.7	48.5	48.5	48.6	48.1	47.6	47.6							
240	47.6	47.7	47.7	47.8	47.9	48.3	48.8	48.9							
264	49.1	48.9	48.8	49.4	50.0	51.0	51.9	52.2							
288	52.4	52.3	52.2	52.0	51.9	52.3	52.8	52.8							
312	52.9	55.0	57.2	56.6	56.0	55.8	55.5	56.3							
336	57.2	58.3	59.4	59.7	59.9	59.8	59.7	59.3							

DEPTH	3050.0			TILT			-75			VOS			5983.00		
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21							
0	58.8	58.3	57.8	57.6	57.3	57.2	57.1	57.1							
24	57.2	56.6	56.0	55.9	55.9	55.9	55.9	55.1							
48	54.4	54.3	54.1	53.9	53.7	53.6	53.5	53.0							
72	52.5	52.4	52.3	52.3	52.3	51.5	50.7	50.6							
96	50.5	50.3	50.1	49.5	48.9	48.9	48.8	48.5							
120	48.2	49.0	49.8	49.0	48.3	48.1	47.9	47.9							
144	48.0	47.8	47.6	47.7	47.7	49.0	50.4	50.2							
168	50.0	50.3	50.5	50.4	50.3	50.4	50.6	50.4							
192	50.3	49.8	49.4	49.4	49.4	48.9	48.3	48.4							
216	48.5	47.9	47.3	47.3	47.3	47.4	47.6	47.6							
240	47.6	47.6	47.5	47.7	47.9	48.0	48.2	48.2							
264	48.1	48.2	48.2	48.4	48.6	49.9	51.3	51.4							
288	51.6	51.3	51.0	51.4	51.9	51.7	51.5	54.0							
312	56.8	56.8	56.8	57.1	57.3	57.6	57.8	57.8							
336	57.8	58.1	58.4	59.0	59.6	59.2	58.9	58.8							





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**WALL RANGES VS DEPTH**

DEPTH	3050.0			TILT			-78			VOS			5983.00		
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21							
0	57.4	57.4	57.4	56.7	56.0	56.1	56.1	55.9							
24	55.6	55.5	55.4	55.5	55.5	55.2	54.9	54.6							
48	54.2	54.1	54.1	53.9	53.7	54.0	54.2	53.9							
72	53.6	52.8	51.9	51.8	51.7	51.7	51.7	51.2							
96	50.7	50.7	50.7	50.3	49.9	49.9	49.9	49.9							
120	50.0	49.7	49.5	49.6	49.7	49.8	50.0	49.8							
144	49.5	49.8	50.0	49.9	49.8	49.5	49.2	49.0							
168	48.8	48.8	48.8	49.4	50.0	49.8	49.5	49.7							
192	49.9	49.5	49.1	48.5	47.9	47.8	47.7	47.7							
216	47.7	47.6	47.4	47.3	47.3	47.3	47.4	47.4							
240	47.4	47.4	47.5	47.5	47.5	47.6	47.6	48.0							
264	48.3	48.3	48.2	48.5	48.8	48.8	48.8	49.0							
288	49.2	49.9	50.6	49.1	50.8	51.2	51.3	52.5							
312	53.9	53.9	53.9	52.0	52.9	53.4	57.8	55.8							
336	55.8	56.1	58.4	58.3	58.2	58.2	58.2	57.8							

DEPTH	3050.0			TILT			-81			VOS			5983.00		
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21							
0	55.2	55.0	54.9	54.9	54.9	54.7	54.6	54.4							
24	54.2	54.4	54.6	54.3	54.0	54.0	54.0	54.0							
48	54.0	54.0	54.0	53.7	53.4	53.4	53.4	53.4							
72	53.4	52.7	52.1	52.1	52.1	52.1	52.1	51.4							
96	50.9	49.9	49.1	49.0	48.9	48.6	48.3	48.4							
120	48.5	48.5	48.5	49.2	49.9	49.4	48.8	49.4							
144	49.9	49.4	48.9	48.9	48.8	48.9	48.9	49.0							
168	49.1	48.9	48.8	48.6	48.5	48.4	48.3	48.5							
192	48.6	48.5	48.5	48.2	47.9	47.9	47.9	47.6							
216	47.4	47.3	47.1	47.2	47.3	47.3	47.3	47.3							
240	47.4	47.4	47.4	47.4	47.5	47.7	47.9	47.9							
264	47.9	48.1	48.3	48.4	48.5	48.8	49.2	49.8							
288	50.4	50.3	50.3	50.4	50.5	50.9	51.2	51.3							
312	51.3	51.4	51.5	51.9	52.3	53.2	54.2	54.1							
336	54.1	54.4	54.8	55.2	55.5	55.2	54.8	55.0							

DEPTH	3050.0			TILT			-84			VOS			5983.00		
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21							
0	52.8	52.9	53.1	53.1	53.1	53.1	53.1	53.2							
24	53.4	53.2	53.1	53.0	52.9	52.6	52.4	52.2							
48	52.1	52.2	52.4	52.4	52.4	52.7	53.0	52.8							
72	52.5	52.2	51.9	51.9	51.9	51.6	51.3	51.3							
96	51.2	51.0	50.7	50.7	50.6	50.7	50.7	50.6							
120	50.4	50.4	50.4	50.4	50.5	49.2	48.0	48.0							
144	48.1	48.0	48.0	48.0	48.1	48.1	48.1	48.1							
168	48.1	48.4	48.7	48.4	48.1	48.1	48.1	48.0							
192	47.9	47.8	47.7	47.9	48.0	48.0	48.0	47.8							
216	47.6	47.6	47.5	47.6	47.7	47.6	47.5	47.5							
240	47.5	47.6	47.7	47.7	47.7	48.2	48.7	48.7							
264	48.7	49.0	49.3	49.3	49.3	49.2	49.1	49.1							
288	49.2	49.5	49.9	50.1	50.4	50.4	50.4	50.3							
312	50.1	50.3	50.4	50.4	50.4	50.7	51.1	51.2							
336	51.2	52.2	53.1	52.8	52.4	52.6	52.8	52.8							



CUSTOMER : Eagle US 2, LLC  
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**WALL RANGES VS DEPTH**

DEPTH	3050.0			TILT	-87	VOS			5983.00
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21	
0	51.6	51.8	52.1	52.1	52.1	51.8	51.5	51.8	
24	52.1	51.3	50.5	51.3	52.2	52.1	52.1	52.1	
48	52.2	51.9	51.6	51.9	52.2	51.3	50.4	50.4	
72	50.4	50.4	50.4	50.6	50.7	51.2	51.6	51.0	
96	50.4	50.3	50.3	50.3	50.3	50.3	50.3	50.3	
120	50.3	50.4	50.5	50.4	50.3	50.3	50.3	49.7	
144	49.1	48.9	48.8	48.9	48.9	49.6	50.4	49.6	
168	48.9	48.9	48.9	48.9	48.8	49.2	49.5	48.9	
192	48.2	48.2	48.1	48.6	49.2	48.7	48.2	48.5	
216	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.8	
240	48.8	49.0	49.2	49.0	48.8	48.8	48.8	48.8	
264	48.8	49.1	49.3	49.3	49.3	49.3	49.3	49.4	
288	49.4	49.4	49.3	49.6	49.9	50.0	50.0	50.2	
312	50.4	50.4	50.5	50.6	50.6	50.6	50.6	50.9	
336	51.2	50.9	50.6	50.6	50.5	50.6	50.6	51.1	

DEPTH	3050.1			TILT	0	VOS			5982.00
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21	
0	67.9	64.5	61.6	59.9	58.4	52.3	47.4	55.6	
24	67.5	68.8	61.4	68.4	66.8	67.5	205.2	206.7	
48	208.7	72.7	65.6	69.9	210.6	213.0	219.5	222.9	
72	227.0	229.3	232.2	232.4	233.4	237.7	241.8	246.1	
96	251.4	255.0	261.4	263.4	266.1	272.1	279.1	282.3	
120	286.3	290.3	295.3	299.8	305.2	309.3	314.3	313.9	
144	314.3	307.4	301.7	296.6	292.6	292.0	292.2	292.4	
168	293.4	294.9	297.3	298.7	300.9	302.6	305.2	305.4	
192	306.4	310.8	316.3	314.2	313.1	306.2	300.5	299.1	
216	298.5	244.6	207.7	211.8	182.9	205.7	196.2	230.8	
240	281.1	278.2	276.0	276.4	277.5	272.9	269.3	193.4	
264	262.5	123.0	103.9	110.9	110.2	84.0	85.7	81.0	
288	77.0	79.2	81.7	77.9	74.6	66.2	218.5	64.8	
312	71.2	66.4	62.4	62.9	63.6	60.0	56.9	60.0	
336	63.6	57.0	51.7	55.5	60.0	54.8	50.6	57.9	

DEPTH	3055.1			TILT	0	VOS			5983.00
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21	
0	66.0	190.8	192.2	193.5	190.8	190.0	193.8	193.9	
24	65.6	63.0	60.8	57.6	54.9	59.4	64.8	70.8	
48	78.2	210.4	210.4	211.3	77.0	79.9	83.3	121.7	
72	226.7	229.5	233.0	236.2	240.1	245.0	250.8	254.5	
96	259.1	262.0	265.8	267.2	269.3	273.0	280.0	283.6	
120	287.9	291.2	296.2	301.9	308.8	310.7	313.6	312.7	
144	312.8	305.7	302.8	297.2	292.6	292.0	291.8	292.6	
168	294.2	296.0	298.5	299.3	300.9	302.7	305.3	306.8	
192	309.2	314.8	321.4	319.6	318.7	311.4	305.3	302.5	
216	300.5	246.7	206.3	191.8	181.3	186.5	190.3	202.1	
240	216.0	214.9	277.5	255.6	277.0	237.1	268.5	173.0	
264	158.4	125.3	103.9	99.0	109.7	80.3	84.4	80.2	
288	76.6	78.4	80.6	77.2	74.3	67.3	222.3	222.1	
312	222.6	61.8	211.5	208.3	61.6	197.1	189.7	192.3	
336	194.9	191.9	188.7	186.7	185.3	186.0	187.1	57.9	



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**WALL RANGES VS DEPTH**

DEPTH	3060.1							
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	66.4	190.3	192.1	193.3	193.2	50.7	47.8	196.8
24	194.5	203.1	58.9	56.3	54.1	58.7	211.1	211.9
48	75.6	212.7	212.6	67.2	215.0	77.6	82.5	122.4
72	238.1	240.3	243.3	241.7	240.9	246.1	252.3	256.3
96	261.0	263.8	267.3	270.1	273.7	276.2	279.6	282.7
120	286.7	291.2	296.6	302.9	310.4	310.8	312.0	310.0
144	308.8	305.2	302.5	296.9	292.2	292.8	294.2	293.6
168	293.8	294.6	296.2	297.7	300.1	301.7	304.1	306.2
192	309.2	314.8	321.4	322.4	324.2	316.3	309.6	279.6
216	303.4	214.7	193.1	184.0	176.1	177.3	185.5	189.5
240	200.6	202.5	227.4	220.1	225.5	230.5	253.5	167.7
264	152.8	123.8	104.3	92.5	110.2	77.8	73.4	75.5
288	76.6	75.3	74.3	230.9	73.7	224.7	223.2	223.2
312	223.9	56.4	60.0	61.1	62.4	56.5	51.7	48.5
336	45.8	48.0	50.6	52.9	55.7	52.7	50.2	57.1

DEPTH	3064.9							
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	190.5	59.7	192.9	193.8	50.2	48.3	46.6	46.2
24	61.0	206.1	58.5	55.0	52.1	212.9	214.0	214.5
48	75.1	214.9	214.8	215.7	73.5	77.6	224.0	122.1
72	240.2	244.5	249.6	245.9	245.6	248.8	252.7	257.2
96	262.6	265.2	268.5	271.5	275.2	278.8	283.1	284.7
120	287.1	291.5	297.0	302.4	308.8	310.0	312.0	309.6
144	308.0	305.0	302.9	297.7	293.4	293.2	293.8	295.4
168	297.8	296.8	296.6	297.9	300.1	301.3	303.3	305.4
192	308.4	314.4	321.4	322.4	324.2	320.6	317.9	236.6
216	188.8	189.9	191.5	181.7	176.5	177.2	181.7	187.5
240	194.3	198.3	203.0	206.8	211.3	198.7	188.0	169.3
264	154.4	122.7	105.1	92.7	101.0	77.2	73.9	74.4
288	238.5	237.8	237.9	62.1	55.7	57.5	223.1	223.2
312	223.8	56.2	60.0	52.9	47.4	49.2	51.4	48.6
336	196.8	192.1	188.0	186.4	185.4	51.3	188.9	189.5

DEPTH	3070.0							
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	62.4	192.6	194.0	49.2	196.7	196.1	196.1	44.8
24	44.6	209.4	58.1	213.9	215.4	55.5	217.0	56.8
48	54.1	58.9	64.8	218.0	219.4	221.2	225.6	109.5
72	241.7	245.5	249.0	246.0	250.4	251.0	252.3	255.5
96	262.1	265.2	269.1	272.4	276.6	280.3	285.0	287.5
120	290.9	293.8	297.7	303.0	309.3	310.5	313.6	312.7
144	312.8	307.3	302.9	298.7	295.4	296.4	298.8	298.2
168	298.4	301.8	308.4	303.8	300.1	301.1	302.9	306.6
192	311.2	315.8	321.4	322.6	324.6	322.2	320.7	234.8
216	185.6	184.2	183.2	178.5	174.6	177.8	181.7	179.0
240	184.9	179.2	182.1	183.2	184.8	181.8	179.3	167.9
264	158.4	119.1	104.7	92.9	82.8	78.4	73.9	75.1
288	76.6	73.2	70.3	65.8	62.0	224.7	59.6	223.1
312	223.8	217.7	54.1	208.8	205.0	196.4	190.6	46.1
336	196.6	45.0	187.8	186.3	185.4	48.0	190.1	190.7



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**WALL RANGES VS DEPTH**

DEPTH	3075.1			TILT	0	VOS			5983.00
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21	
0	193.0	193.7	52.7	49.4	46.6	45.3	44.2	44.0	
24	43.8	44.2	215.8	216.7	50.2	218.8	220.0	219.9	
48	220.3	219.5	219.4	66.6	71.1	77.0	84.1	100.4	
72	239.0	243.7	248.4	250.1	251.2	252.2	253.9	258.2	
96	263.4	267.3	272.1	275.4	279.6	281.9	285.1	287.7	
120	291.0	294.3	298.5	303.2	308.8	311.5	315.1	313.1	
144	312.0	308.8	306.4	300.4	295.4	296.7	298.9	300.3	
168	302.5	305.2	308.8	307.6	307.2	304.8	303.3	311.5	
192	321.1	323.0	325.8	324.2	323.4	321.2	319.9	195.9	
216	179.3	179.4	180.1	171.4	163.9	166.8	170.2	159.3	
240	150.1	159.6	171.0	154.1	140.6	143.7	147.3	149.6	
264	152.6	114.9	93.6	87.4	82.2	76.8	72.3	71.6	
288	71.1	67.3	66.0	61.2	58.9	57.2	55.7	53.4	
312	51.4	217.9	47.8	45.0	42.7	44.8	191.2	42.8	
336	196.3	41.5	187.6	46.6	185.4	46.4	191.3	191.9	

DEPTH	3079.9			TILT	64	VOS			5983.00
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21	
0	272.5	270.0	267.7	269.4	271.3	267.8	268.2	266.4	
24	267.0	266.9	265.5	265.4	265.3	264.7	264.2	263.8	
48	269.3	269.4	269.7	268.1	266.6	266.7	267.0	268.3	
72	269.7	269.3	268.9	269.8	266.4	266.8	267.0	263.7	
96	260.6	261.2	261.8	261.8	261.8	262.7	263.8	264.5	
120	265.4	266.7	268.1	268.9	269.7	269.6	269.7	269.6	
144	269.7	270.6	271.7	269.8	268.1	268.3	268.5	268.9	
168	269.3	494.1	488.1	269.1	269.7	483.1	479.3	475.9	
192	466.5	466.2	466.1	462.1	459.9	267.9	267.7	267.1	
216	266.6	266.1	265.8	267.3	268.9	269.4	270.1	271.0	
240	272.1	272.2	272.5	272.0	271.7	271.6	271.7	271.4	
264	271.3	271.0	270.9	273.2	275.6	275.2	274.9	275.8	
288	276.8	276.8	276.8	276.6	276.4	275.8	275.2	275.0	
312	274.9	273.8	272.9	273.8	274.9	274.0	273.3	273.4	
336	273.7	274.2	274.9	274.2	273.7	271.4	269.3	270.8	

DEPTH	3079.9			TILT	59	VOS			5983.00
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21	
0	284.3	283.5	283.3	282.4	282.4	282.4	282.7	281.7	
24	280.8	281.4	280.8	280.3	280.0	280.1	280.4	280.7	
48	281.6	279.1	280.8	279.5	278.4	279.9	281.6	282.2	
72	283.1	282.2	281.6	281.3	281.2	281.1	281.2	282.1	
96	283.1	284.4	285.9	282.4	279.2	281.4	283.9	284.2	
120	284.7	279.2	285.4	280.9	281.0	282.5	278.2	278.0	
144	277.9	276.8	276.0	274.0	272.9	272.2	271.7	272.8	
168	277.9	274.2	277.2	276.9	278.0	278.5	279.2	280.5	
192	282.0	281.5	283.4	283.1	283.1	284.2	283.5	283.8	
216	284.3	284.4	284.7	284.6	284.7	285.0	285.5	285.6	
240	285.9	287.4	283.8	284.1	288.7	287.0	285.5	289.1	
264	293.0	290.9	289.1	289.0	289.1	289.2	289.5	289.6	
288	289.9	291.1	292.6	289.1	285.9	288.2	290.6	289.0	
312	287.5	289.1	291.0	289.5	288.3	286.2	284.3	285.4	
336	286.7	286.8	287.1	286.0	285.1	285.6	286.3	284.6	



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**WALL RANGES VS DEPTH**

DEPTH	3079.9		TILT		54		VOS		5983.00	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21		
0	257.5	259.7	261.9	257.1	233.2	250.8	252.2	250.1		
24	248.0	247.4	247.1	250.3	256.9	256.9	258.7	260.1		
48	262.1	267.8	272.1	273.7	275.0	275.8	278.1	280.6		
72	285.9	287.5	289.5	290.5	293.5	294.2	295.8	297.4		
96	299.3	299.4	299.7	299.4	299.3	299.0	298.9	299.0		
120	299.3	298.4	297.8	297.6	297.8	301.1	304.9	303.1		
144	301.7	301.4	301.3	300.0	298.9	299.8	300.9	302.0		
168	303.3	302.0	300.9	299.2	297.8	300.2	302.9	303.7		
192	304.9	302.9	301.3	302.1	303.3	303.1	303.3	301.2		
216	299.3	299.6	300.1	302.3	304.9	305.3	306.0	307.9		
240	310.0	307.9	306.0	304.9	304.1	304.7	305.7	306.9		
264	308.4	306.1	304.1	302.5	301.3	297.8	287.4	283.0		
288	279.2	279.3	278.9	276.3	275.2	273.5	272.1	274.1		
312	277.8	277.4	277.0	277.3	277.8	268.9	253.0	254.0		
336	254.5	259.3	262.3	263.5	269.0	264.2	247.4	254.6		

DEPTH	3079.9		TILT		49		VOS		5983.00	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21		
0	196.6	200.3	204.9	202.0	200.8	200.0	199.3	199.8		
24	200.4	204.8	210.1	215.6	226.3	231.4	236.9	237.0		
48	237.3	235.2	233.4	246.5	253.0	255.9	259.1	259.7		
72	260.5	266.5	273.3	274.3	275.6	278.2	277.9	282.9		
96	287.9	295.2	298.9	303.0	308.2	310.0	314.3	317.9		
120	321.8	323.2	325.0	326.4	328.2	328.4	329.0	329.3		
144	330.1	327.2	324.6	326.2	328.2	327.2	326.6	327.4		
168	328.6	324.0	319.9	320.5	321.4	324.8	328.6	329.1		
192	330.1	327.8	325.8	324.0	322.6	322.6	323.0	325.4		
216	328.2	329.1	330.5	329.9	329.7	328.0	326.6	326.4		
240	326.6	323.0	319.9	317.7	315.9	314.7	313.9	310.0		
264	306.4	296.0	281.7	270.5	263.6	237.9	235.0	226.7		
288	221.0	218.3	217.5	212.6	208.6	214.8	225.2	222.9		
312	220.9	217.5	215.7	204.5	184.0	183.9	184.0	183.5		
336	189.6	203.2	207.3	207.6	199.4	198.7	198.7	197.2		

DEPTH	3079.9		TILT		44		VOS		5983.00	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21		
0	170.3	166.9	165.5	165.0	164.7	165.3	166.3	173.2		
24	163.9	178.6	188.1	196.0	204.8	207.8	211.7	212.5		
48	216.5	220.6	225.9	228.5	231.4	235.1	239.3	238.0		
72	236.9	240.7	244.8	247.6	250.8	255.0	261.7	257.8		
96	254.7	260.5	266.8	270.3	274.2	271.8	270.0	271.1		
120	272.4	286.2	300.9	304.6	319.9	323.9	328.6	325.9		
144	329.4	326.5	323.7	333.4	342.8	340.1	338.0	334.0		
168	338.8	336.1	342.4	342.5	343.2	343.7	344.7	342.3		
192	340.4	341.5	343.2	344.3	345.9	342.5	339.6	326.3		
216	323.1	316.8	309.8	310.2	311.0	314.9	319.5	315.7		
240	312.8	311.4	310.2	306.2	303.0	296.3	289.5	287.5		
264	285.8	264.8	246.2	234.4	226.0	223.3	215.6	212.9		
288	210.5	206.3	202.6	200.5	198.3	193.9	191.5	188.4		
312	187.2	185.6	182.8	181.5	180.5	180.2	180.1	178.8		
336	177.7	178.8	180.1	175.7	174.7	175.2	174.3	172.0		



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**WALL RANGES VS DEPTH**

DEPTH	3079.9			TILT	39	VOS			5983.00
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21	
0	168.2	166.5	165.1	164.7	164.7	163.8	163.1	163.0	
24	163.1	167.2	171.8	180.4	190.3	192.1	194.3	195.3	
48	196.7	203.3	208.5	210.5	213.3	217.3	221.9	220.0	
72	218.4	221.8	222.2	224.0	227.1	232.1	239.7	236.1	
96	235.0	239.0	243.7	246.0	248.8	246.4	244.4	246.8	
120	249.6	252.8	256.3	262.2	265.0	269.6	274.9	280.2	
144	286.3	287.2	293.9	298.2	303.6	296.9	291.1	294.9	
168	301.9	302.0	289.9	292.9	296.6	296.6	297.0	293.4	
192	277.0	280.3	295.1	278.3	281.7	277.6	276.5	275.3	
216	276.8	277.2	278.0	286.4	293.8	296.1	298.9	296.8	
240	293.3	290.4	287.3	277.7	273.7	271.3	269.3	268.1	
264	267.3	250.4	235.8	228.2	221.5	216.5	212.1	211.7	
288	211.7	207.5	203.8	200.6	197.9	193.9	190.3	188.6	
312	187.2	184.2	181.7	179.5	177.7	176.6	175.7	174.2	
336	173.0	172.4	172.2	171.6	171.4	170.3	169.4	168.7	

DEPTH	3079.9			TILT	34	VOS			5983.00
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21	
0	170.2	168.7	88.9	85.9	166.5	166.2	165.4	166.0	
24	167.1	167.5	168.2	171.9	176.1	179.2	183.4	183.9	
48	184.8	190.6	197.7	197.6	199.4	200.6	202.2	203.2	
72	203.1	204.1	204.2	205.5	210.3	214.3	221.5	221.4	
96	221.7	222.5	223.6	226.1	231.4	225.6	220.4	225.2	
120	228.2	218.8	207.3	206.5	213.6	216.6	220.0	211.1	
144	203.4	204.6	206.1	219.5	243.4	238.1	244.8	246.1	
168	255.2	258.4	260.8	248.2	244.6	238.5	238.9	236.1	
192	233.8	233.6	239.8	239.1	239.0	243.6	247.9	253.3	
216	259.4	264.3	269.7	273.6	279.2	280.6	282.7	274.1	
240	262.6	263.3	264.6	261.5	259.1	256.8	255.1	252.3	
264	251.9	244.1	238.9	228.4	219.2	214.7	208.5	208.9	
288	213.4	209.6	206.1	201.9	198.2	195.3	192.7	189.7	
312	187.2	184.4	182.1	179.7	178.9	176.7	175.0	75.9	
336	84.9	84.1	83.4	78.0	73.5	68.1	63.6	170.3	

DEPTH	3079.9			TILT	29	VOS			5983.00
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21	
0	174.9	172.9	171.3	170.7	170.5	169.9	169.6	171.3	
24	173.4	172.7	172.5	169.6	169.7	173.4	177.5	175.7	
48	174.2	182.7	189.3	186.9	184.9	189.5	193.5	191.3	
72	194.3	193.7	193.5	196.6	200.2	203.0	208.9	209.7	
96	210.9	210.9	211.3	210.4	209.1	206.0	204.0	202.2	
120	203.0	199.4	196.3	196.7	197.5	195.9	194.7	190.5	
144	186.8	187.8	189.2	194.3	203.0	208.4	206.9	213.9	
168	221.9	217.1	212.9	210.6	208.9	208.7	208.9	214.1	
192	220.0	220.7	221.9	225.4	229.4	233.8	238.9	243.1	
216	248.0	253.3	255.7	261.7	268.5	268.3	268.9	261.6	
240	253.5	251.5	250.0	249.5	249.6	247.5	246.7	243.6	
264	241.2	234.7	229.4	223.0	218.0	168.0	161.4	150.1	
288	140.5	133.2	126.8	123.8	121.2	196.6	69.9	77.7	
312	87.7	79.4	185.7	73.6	74.6	70.2	66.4	71.0	
336	76.6	76.5	176.9	70.1	175.4	174.8	174.5	68.0	



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**WALL RANGES VS DEPTH**

DEPTH	3079.9		TILT	26		VOS	5983.00	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	84.9	176.0	71.2	70.5	171.7	171.8	52.9	173.8
24	175.6	175.8	176.2	174.3	65.4	69.1	73.5	76.0
48	79.0	176.9	183.3	182.6	182.6	183.8	189.2	189.6
72	189.2	188.8	188.8	189.5	190.7	195.2	203.0	203.5
96	204.5	205.7	207.7	203.6	201.4	199.8	198.6	195.2
120	192.3	193.1	194.3	194.9	195.9	192.5	189.6	184.5
144	184.1	180.3	180.9	188.6	197.5	199.0	201.0	202.9
168	193.6	205.9	206.9	206.9	207.4	207.6	208.7	208.4
192	208.6	214.5	216.9	221.4	225.5	230.1	235.4	239.9
216	245.2	248.5	252.3	258.6	265.8	264.3	263.4	255.8
240	249.2	247.5	246.4	244.4	242.9	241.2	240.1	236.0
264	237.2	231.6	228.4	223.6	176.1	213.6	210.5	208.5
288	132.2	204.7	113.6	98.4	98.0	80.4	68.3	195.5
312	194.2	191.7	189.9	188.1	70.7	66.8	63.4	182.2
336	182.2	180.6	179.5	178.9	178.7	177.8	177.3	177.4

DEPTH	3079.9		TILT	23		VOS	5983.00	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	73.1	64.1	57.3	59.1	61.2	56.3	52.1	60.4
24	71.9	68.1	178.4	178.9	179.8	175.3	71.5	170.2
48	78.0	174.3	177.8	75.1	84.1	185.3	188.0	187.4
72	187.2	188.5	190.3	191.7	193.5	195.0	197.1	198.4
96	200.2	200.2	200.6	198.6	197.1	196.2	195.9	195.1
120	194.7	191.7	189.2	189.9	191.1	186.9	183.2	178.4
144	174.2	177.1	173.6	182.2	184.4	189.2	194.7	190.8
168	187.6	194.6	197.5	197.0	197.1	200.1	200.9	200.5
192	203.8	205.7	207.9	212.1	221.3	226.1	231.6	235.7
216	242.2	247.0	249.7	252.2	260.2	261.5	263.4	253.8
240	247.4	245.3	244.1	239.6	235.8	234.1	233.0	231.9
264	231.4	231.1	225.2	223.8	119.7	117.8	92.0	87.6
288	83.7	86.3	89.3	84.5	204.0	202.9	202.1	198.9
312	60.0	195.1	194.2	190.8	70.2	185.7	58.9	184.7
336	49.0	52.4	182.7	58.9	61.6	180.3	178.2	177.7

DEPTH	3079.9		TILT	20		VOS	5983.00	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	184.0	182.2	180.9	180.4	180.3	179.1	178.1	180.4
24	182.5	54.5	185.5	184.6	184.1	178.2	172.8	172.9
48	79.5	71.8	65.6	72.7	81.8	187.2	189.6	188.4
72	189.5	189.8	190.8	191.5	192.7	193.9	195.5	197.6
96	200.2	199.2	198.6	198.0	197.9	198.2	199.0	196.2
120	193.9	191.7	190.0	188.5	189.9	185.0	182.8	179.4
144	176.5	176.1	176.1	179.0	182.5	181.6	186.6	185.6
168	185.2	188.4	192.8	193.9	195.4	195.4	197.5	199.0
192	201.0	205.0	209.7	212.7	216.4	220.8	225.9	231.0
216	236.9	241.1	246.0	249.8	254.3	254.4	255.1	249.4
240	244.4	240.1	236.5	234.5	234.6	232.3	228.7	198.2
264	235.9	164.1	154.6	132.5	115.2	99.4	91.2	85.7
288	81.0	212.3	212.4	205.3	92.7	202.6	200.6	199.5
312	58.5	198.4	66.0	194.8	51.0	191.4	55.3	51.2
336	47.8	50.2	52.9	55.0	187.7	54.1	184.5	184.1



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**WALL RANGES VS DEPTH**

DEPTH	3079.9			TILT	17	VOS			5983.00
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21	
0	69.5	187.3	57.1	186.7	183.7	182.9	182.6	185.0	
24	187.5	53.0	191.2	190.1	189.4	188.9	181.1	184.8	
48	182.2	71.5	64.8	179.5	189.5	186.3	189.0	189.5	
72	190.6	194.5	198.6	200.5	196.4	203.5	205.0	204.1	
96	203.8	206.4	209.7	207.6	210.6	206.9	208.1	209.0	
120	217.8	217.6	225.9	219.9	222.2	211.8	209.3	202.7	
144	204.8	188.2	180.5	180.6	181.3	180.6	182.7	182.1	
168	181.9	183.6	187.2	190.5	194.0	196.2	198.2	200.3	
192	203.0	207.9	213.6	215.5	218.0	220.8	224.3	230.2	
216	236.9	240.0	243.7	247.8	252.7	253.0	253.9	247.3	
240	244.3	242.7	238.1	234.2	231.0	228.3	226.3	198.4	
264	234.7	149.5	109.4	123.7	114.1	81.1	76.2	78.1	
288	80.2	81.8	83.7	79.9	60.0	73.2	70.3	204.4	
312	204.4	57.5	198.7	196.8	49.0	51.4	54.1	192.8	
336	45.8	48.9	191.7	190.1	57.7	188.6	188.2	187.4	

DEPTH	3079.9			TILT	14	VOS			5983.00
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21	
0	66.4	195.1	195.2	195.0	186.5	185.0	192.7	46.2	
24	46.6	52.3	59.6	56.2	196.1	58.9	192.8	71.8	
48	79.0	70.4	63.6	69.9	77.8	189.7	190.0	191.7	
72	197.9	198.8	213.4	201.1	214.7	203.5	216.8	203.9	
96	217.8	205.5	207.7	212.3	217.6	214.7	212.5	217.6	
120	223.5	226.5	230.2	238.5	248.5	235.9	227.6	220.4	
144	216.0	210.1	205.0	201.4	194.6	189.8	180.9	181.8	
168	183.2	186.9	193.5	195.6	198.2	198.4	199.0	201.9	
192	205.4	207.8	210.9	214.1	218.0	220.4	223.5	229.0	
216	235.4	240.1	247.7	248.6	251.6	252.0	253.1	247.0	
240	242.9	239.4	237.3	238.0	239.3	232.1	225.9	197.3	
264	241.6	146.3	107.0	95.1	113.2	80.4	75.8	77.1	
288	78.6	77.1	75.8	65.2	57.3	214.5	63.2	58.2	
312	208.9	56.8	203.3	52.9	200.5	198.4	51.4	47.9	
336	45.0	47.8	51.0	194.5	192.8	192.8	193.3	195.1	

DEPTH	3079.9			TILT	11	VOS			5983.00
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21	
0	196.3	195.8	195.8	197.7	188.8	187.6	196.8	45.6	
24	45.4	51.2	58.9	55.0	51.7	57.3	64.4	59.2	
48	54.9	60.0	66.4	69.5	209.7	211.0	84.9	213.8	
72	219.6	221.6	228.4	228.6	233.8	233.9	236.7	236.8	
96	239.7	243.5	248.0	229.9	252.7	236.9	263.4	217.8	
120	277.5	221.3	230.2	236.3	243.3	236.3	230.2	225.9	
144	222.3	227.2	233.0	219.1	237.7	237.7	234.4	206.1	
168	211.4	201.1	198.2	200.7	203.8	203.3	203.4	205.1	
192	207.3	209.6	212.5	214.7	217.6	220.8	224.7	228.7	
216	234.5	238.1	243.7	246.8	250.8	253.2	256.3	255.8	
240	257.7	256.7	263.3	253.5	264.4	250.5	250.3	200.0	
264	161.9	127.1	106.2	93.5	83.7	78.6	74.5	75.7	
288	77.4	234.4	234.0	224.9	56.9	58.5	60.4	56.4	
312	52.9	53.3	208.6	50.1	47.0	48.8	51.0	195.0	
336	196.1	194.7	193.5	191.3	189.7	47.9	48.2	193.0	





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**WALL RANGES VS DEPTH**

DEPTH	3079.9		TILT		10		VOS		5983.00
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21	
0	194.8	194.7	195.2	196.9	49.0	47.5	46.2	45.8	
24	45.4	50.6	202.1	202.6	203.7	204.1	64.8	206.6	
48	54.9	60.0	66.4	69.6	73.5	79.0	217.9	123.6	
72	222.7	225.7	229.4	231.3	233.8	234.5	238.8	239.1	
96	242.9	245.3	248.4	253.5	259.5	262.4	266.2	271.4	
120	277.6	251.4	255.0	260.4	266.6	266.5	267.2	262.0	
144	257.8	259.9	262.7	252.3	263.1	262.5	260.3	242.1	
168	246.4	200.9	197.9	200.5	203.8	204.3	205.4	206.1	
192	232.4	210.0	213.3	215.1	217.6	221.0	225.1	230.6	
216	236.9	239.9	243.7	248.7	254.7	255.0	255.9	259.3	
240	263.0	265.7	271.4	265.7	268.0	262.3	260.9	200.4	
264	252.6	125.9	106.6	93.9	84.1	78.8	74.3	75.7	
288	77.4	75.3	73.5	225.8	56.9	58.5	60.4	56.1	
312	52.5	53.2	54.1	49.6	208.6	200.7	50.2	194.6	
336	43.1	45.2	47.8	47.7	47.8	46.9	46.2	192.0	

DEPTH	3079.9		TILT		9		VOS		5983.00
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21	
0	193.4	193.8	52.1	196.2	49.8	47.7	45.8	45.4	
24	196.9	198.5	203.4	203.9	205.0	205.4	62.0	57.9	
48	54.5	209.3	209.4	68.9	73.9	214.1	220.7	220.9	
72	225.2	227.3	232.6	233.5	235.0	235.2	239.6	240.9	
96	242.9	246.8	251.2	254.9	259.5	263.6	268.5	272.6	
120	277.6	281.3	285.9	290.0	295.1	305.8	318.3	312.0	
144	306.8	303.6	301.3	297.5	294.6	293.2	292.6	293.6	
168	295.4	296.9	299.3	301.5	304.5	302.3	300.9	245.7	
192	264.4	250.8	255.0	255.2	256.1	256.8	258.2	260.4	
216	263.4	241.7	212.3	251.1	258.3	215.5	202.9	251.0	
240	264.2	268.9	274.5	271.3	268.9	264.1	262.0	196.6	
264	255.7	125.4	105.8	93.9	104.9	78.2	74.5	75.7	
288	77.4	75.3	73.5	66.7	221.9	60.5	218.0	55.7	
312	52.1	51.3	212.7	48.2	46.2	47.9	49.8	47.4	
336	196.2	193.9	47.8	47.5	47.4	46.7	46.2	191.0	

DEPTH	3079.9		TILT		8		VOS		5983.00
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21	
0	61.9	192.9	194.0	195.5	48.6	46.5	44.6	45.0	
24	45.4	50.3	204.7	205.3	206.5	55.6	62.0	58.2	
48	54.9	59.8	66.0	68.7	212.7	77.8	84.9	123.6	
72	227.9	229.9	234.0	234.0	236.2	239.5	243.7	243.3	
96	243.7	247.0	251.2	254.9	259.5	263.6	268.5	273.6	
120	279.6	285.6	293.2	297.1	301.7	308.7	316.3	311.1	
144	306.8	303.6	301.3	297.5	294.6	293.4	293.0	293.8	
168	295.4	296.9	299.3	301.5	304.5	303.1	302.5	304.2	
192	306.8	311.5	317.1	313.7	311.2	306.6	302.9	299.3	
216	296.6	245.4	209.7	196.0	184.4	190.6	197.9	241.6	
240	281.4	278.2	275.9	269.9	266.2	269.0	264.4	169.6	
264	156.0	125.9	106.1	93.1	83.3	77.8	74.8	75.7	
288	77.0	73.6	235.3	227.9	223.4	60.4	60.4	55.9	
312	52.1	51.5	51.0	47.5	44.6	47.2	50.2	43.6	
336	196.4	43.0	190.7	47.9	47.4	187.8	188.9	190.1	



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**WALL RANGES VS DEPTH**

DEPTH	3079.9		TILT		7		VOS		5983.00
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21	
0	190.9	192.1	193.6	194.9	47.4	45.9	44.6	44.4	
24	44.2	49.9	206.1	206.8	50.6	55.6	62.0	57.7	
48	54.1	59.4	66.0	212.4	73.5	216.1	84.9	225.0	
72	227.9	229.9	234.1	234.0	236.2	239.5	243.7	247.4	
96	251.9	256.4	261.8	261.3	261.4	266.1	271.7	275.2	
120	283.5	289.6	297.1	300.7	305.6	310.3	316.3	312.6	
144	310.4	307.5	304.9	298.4	293.8	293.0	293.0	293.8	
168	295.4	297.1	299.7	301.7	304.5	305.0	306.4	306.2	
192	306.8	311.5	317.1	313.7	311.2	306.6	302.9	299.7	
216	297.4	246.4	209.7	191.9	177.3	185.3	189.9	203.6	
240	282.8	280.0	277.9	278.1	279.1	274.8	271.3	169.0	
264	262.4	123.7	105.8	93.1	83.3	79.0	74.1	75.6	
288	236.8	236.0	70.7	229.1	62.0	223.6	60.4	56.4	
312	52.9	51.4	50.2	46.0	42.7	45.2	191.0	193.8	
336	196.6	42.2	45.4	187.9	46.6	187.4	188.4	189.3	

DEPTH	3079.9		TILT		5		VOS		5983.00
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21	
0	190.9	191.8	193.2	194.1	195.3	194.8	45.0	44.2	
24	43.5	44.0	209.2	48.0	211.2	55.6	212.7	213.4	
48	54.1	58.1	214.0	66.9	71.9	218.3	85.4	225.9	
72	237.2	239.0	242.9	241.9	241.7	247.7	254.7	256.3	
96	258.7	263.7	267.3	269.0	271.7	276.0	281.2	284.7	
120	289.1	292.6	297.0	302.4	308.8	311.5	315.1	314.7	
144	315.1	309.1	304.1	298.4	293.8	293.0	293.0	294.0	
168	295.8	297.5	300.1	300.7	302.1	303.5	305.7	305.8	
192	306.8	311.5	317.1	317.3	318.3	310.0	302.9	302.1	
216	302.1	233.5	193.0	183.5	177.3	177.9	185.6	190.3	
240	198.5	201.9	208.9	210.2	212.1	236.8	268.9	169.9	
264	156.1	120.1	96.4	89.3	83.3	77.8	73.1	74.9	
288	77.0	237.3	237.2	231.7	227.7	58.3	54.9	53.0	
312	51.4	218.1	212.9	45.9	43.1	45.4	48.2	42.6	
336	197.1	41.4	45.0	187.1	46.6	187.6	189.3	189.8	

DEPTH	3079.9		TILT		2		VOS		5983.00
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21	
0	192.6	193.4	194.8	196.0	46.2	44.1	197.0	203.2	
24	197.1	211.1	214.5	46.6	49.0	55.1	63.2	57.5	
48	52.9	58.0	64.4	67.3	70.7	76.7	84.1	100.5	
72	241.1	245.9	249.0	247.8	252.3	252.2	252.7	257.0	
96	262.2	265.4	269.3	272.6	276.8	280.5	285.1	287.7	
120	291.0	294.0	297.8	303.1	309.6	311.1	313.6	312.5	
144	312.4	307.3	303.3	298.7	295.0	296.5	298.9	298.1	
168	298.1	298.3	299.3	299.7	300.9	301.5	302.9	305.4	
192	308.8	315.3	323.0	323.4	324.6	322.6	321.4	229.2	
216	178.5	179.0	180.1	175.6	171.8	172.9	151.7	174.1	
240	183.4	174.8	175.0	158.2	149.7	147.9	169.4	149.7	
264	152.7	114.4	82.4	80.2	82.9	77.1	72.3	69.1	
288	66.4	64.9	63.6	58.8	227.2	50.8	223.2	223.2	
312	47.4	45.7	213.3	209.0	204.9	196.4	191.1	193.3	
336	39.1	191.8	45.0	46.1	47.4	45.9	191.0	191.6	



CUSTOMER : Eagle US 2, LLC  
 DATE : November 02, 2022

CAVERN : PPG No. 007B  
 OPERATION No. : 2



**WALL RANGES VS DEPTH**

DEPTH	3080.1			TILT	0	VOS			5983.00
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21	
0	194.2	194.9	48.2	197.6	199.6	44.0	43.5	203.5	
24	198.8	215.6	54.6	219.6	221.2	55.5	222.9	56.2	
48	52.5	221.8	221.7	222.5	71.5	78.2	86.5	102.3	
72	125.6	133.7	248.3	249.9	253.4	256.2	259.1	260.9	
96	263.4	268.3	274.1	276.2	279.2	283.1	287.9	289.4	
120	291.8	296.1	301.3	305.0	309.6	311.9	315.1	313.1	
144	312.0	308.8	306.4	300.2	295.0	296.7	299.3	300.9	
168	303.3	306.0	309.6	308.0	307.2	309.7	313.2	317.0	
192	321.8	323.6	326.2	323.0	320.7	298.6	177.7	178.1	
216	178.9	167.3	157.6	160.1	163.1	155.7	149.3	148.1	
240	147.3	132.2	126.1	119.2	118.9	133.2	145.3	147.4	
264	152.7	107.1	79.4	75.8	72.7	71.2	69.9	66.3	
288	63.2	57.1	53.0	51.5	227.2	49.5	49.8	46.1	
312	223.7	42.6	42.3	41.6	202.8	196.0	191.8	193.4	
336	196.0	39.9	42.3	41.8	41.5	189.1	192.5	193.1	

DEPTH	3085.2			TILT	0	VOS			5983.00
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21	
0	42.7	196.0	197.2	198.9	201.0	200.3	200.2	203.9	
24	200.1	215.6	221.4	222.5	224.1	224.7	59.5	54.8	
48	225.0	224.2	224.0	224.8	71.1	227.4	84.9	230.3	
72	234.9	239.8	246.0	248.8	252.8	138.9	143.4	262.9	
96	264.8	268.3	273.6	275.8	278.8	282.7	287.5	288.9	
120	291.0	296.4	302.9	305.8	309.6	311.3	313.9	312.5	
144	312.0	309.2	307.2	301.8	297.4	297.9	299.3	301.1	
168	303.7	305.8	308.8	307.4	306.8	309.7	313.6	317.4	
192	322.2	323.0	324.6	324.0	298.7	275.4	266.2	175.4	
216	177.9	164.2	153.2	150.6	149.9	143.9	66.8	67.6	
240	68.7	71.3	74.3	86.5	113.2	118.4	138.2	143.0	
264	139.5	102.0	77.8	70.8	63.6	62.0	56.9	52.4	
288	49.0	48.2	47.4	45.5	227.3	224.8	223.0	38.3	
312	37.5	37.1	36.7	204.9	201.4	195.8	192.4	193.6	
336	195.7	191.0	187.1	186.0	185.5	189.8	33.6	37.5	

DEPTH	3090.1			TILT	0	VOS			5983.00
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21	
0	196.6	197.1	37.1	200.1	202.4	201.7	201.5	37.1	
24	37.1	39.0	41.1	221.6	227.0	227.6	228.8	227.8	
48	227.2	226.4	223.2	226.9	228.3	76.5	231.7	101.5	
72	128.4	134.4	141.4	137.3	133.9	135.1	136.6	146.4	
96	158.0	260.3	71.9	76.7	82.5	279.7	288.7	290.6	
120	293.4	298.8	305.3	306.8	309.2	311.7	315.1	311.9	
144	309.6	307.6	306.4	300.0	294.6	296.5	299.3	301.5	
168	304.5	306.4	309.2	308.6	308.8	310.5	313.2	292.4	
192	311.4	309.2	326.8	293.0	177.1	164.9	149.8	166.5	
216	173.6	160.5	147.4	142.0	137.9	137.6	137.6	57.9	
240	57.1	57.5	58.1	61.4	84.1	89.1	89.3	101.1	
264	116.9	88.6	71.5	74.0	57.2	50.7	45.5	44.6	
288	44.1	42.7	41.3	38.8	37.5	35.4	33.6	33.8	
312	217.6	210.1	207.0	202.8	200.1	195.6	192.9	193.8	
336	195.4	190.8	186.9	186.0	185.6	190.4	194.9	195.5	



CUSTOMER : Eagle US 2, LLC  
DATE : November 02, 2022

CAVERN : PPG No. 007B  
OPERATION No. : 2



### WALL RANGES VS DEPTH

DEPTH	3095.0		TILT	0		VOS	5983.00	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	22.9	198.2	199.3	201.4	203.8	203.1	202.9	204.5
24	202.6	210.1	213.5	213.3	47.0	46.5	46.2	218.2
48	214.4	205.4	64.0	65.8	70.7	213.7	84.1	94.2
72	115.6	122.4	142.6	138.8	139.9	136.7	132.2	236.1
96	244.7	248.3	252.3	257.8	264.3	273.2	285.8	288.1
120	291.2	296.2	302.4	294.9	299.8	303.7	308.2	301.7
144	310.7	301.5	300.9	296.9	294.0	297.1	301.4	302.5
168	304.9	306.2	308.4	308.2	308.8	310.3	312.7	266.6
192	300.2	47.8	44.2	41.5	172.6	37.6	141.0	141.2
216	165.6	142.7	143.1	138.5	33.9	33.8	34.6	35.1
240	34.5	34.7	35.1	35.8	36.4	37.9	91.1	98.2
264	115.5	88.6	80.0	66.3	52.9	47.8	44.9	41.3
288	38.3	36.0	36.3	35.1	30.4	30.8	31.2	28.8
312	26.8	204.0	203.9	200.7	198.8	195.3	192.9	193.7
336	195.2	190.1	21.7	21.5	21.3	21.5	21.7	22.3



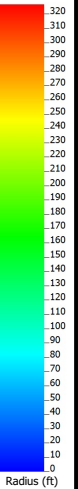
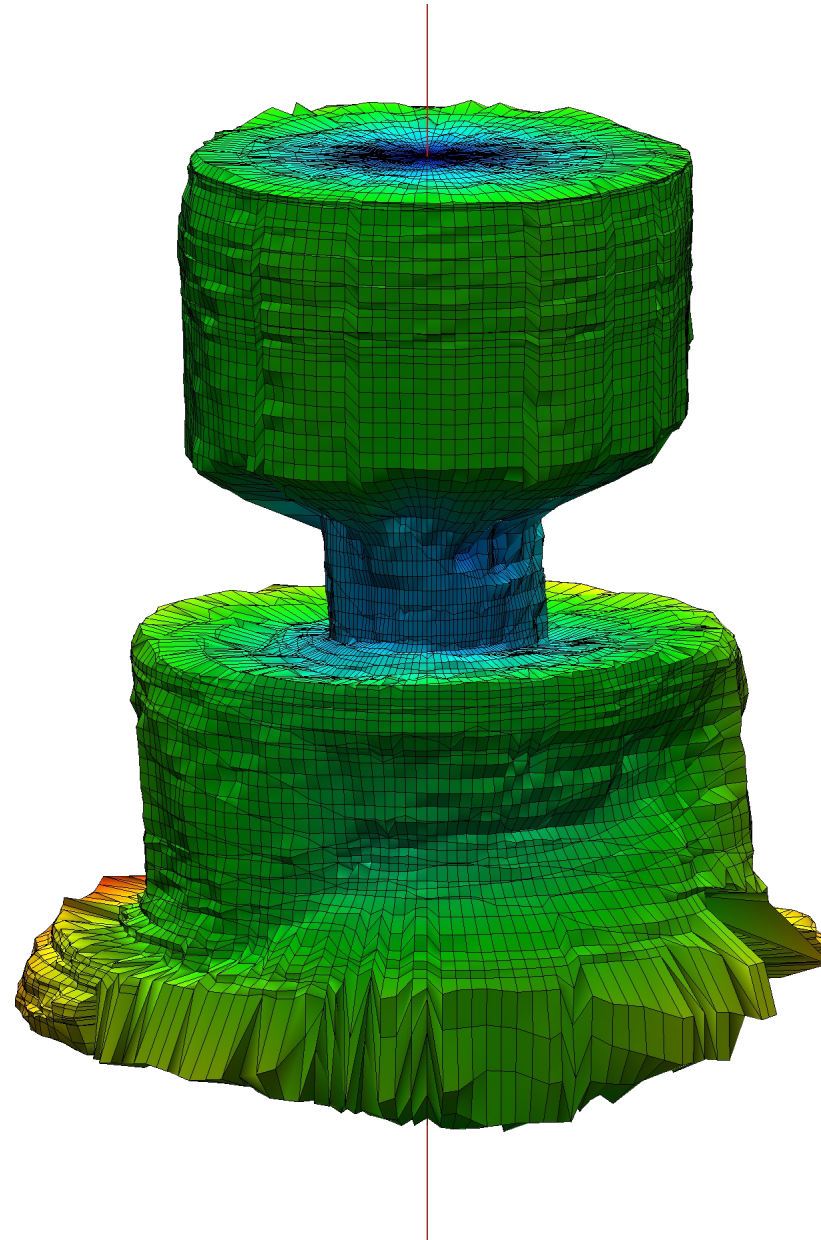
CUSTOMER : Eagle US 2, LLC  
DATE : 11/2/2022

CAVERN : PPG No. 007B  
OPERATION No. : 2



**VIEW FROM NORTH**  
with an overhang of 10°

SCALE 1/125





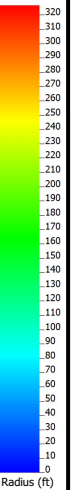
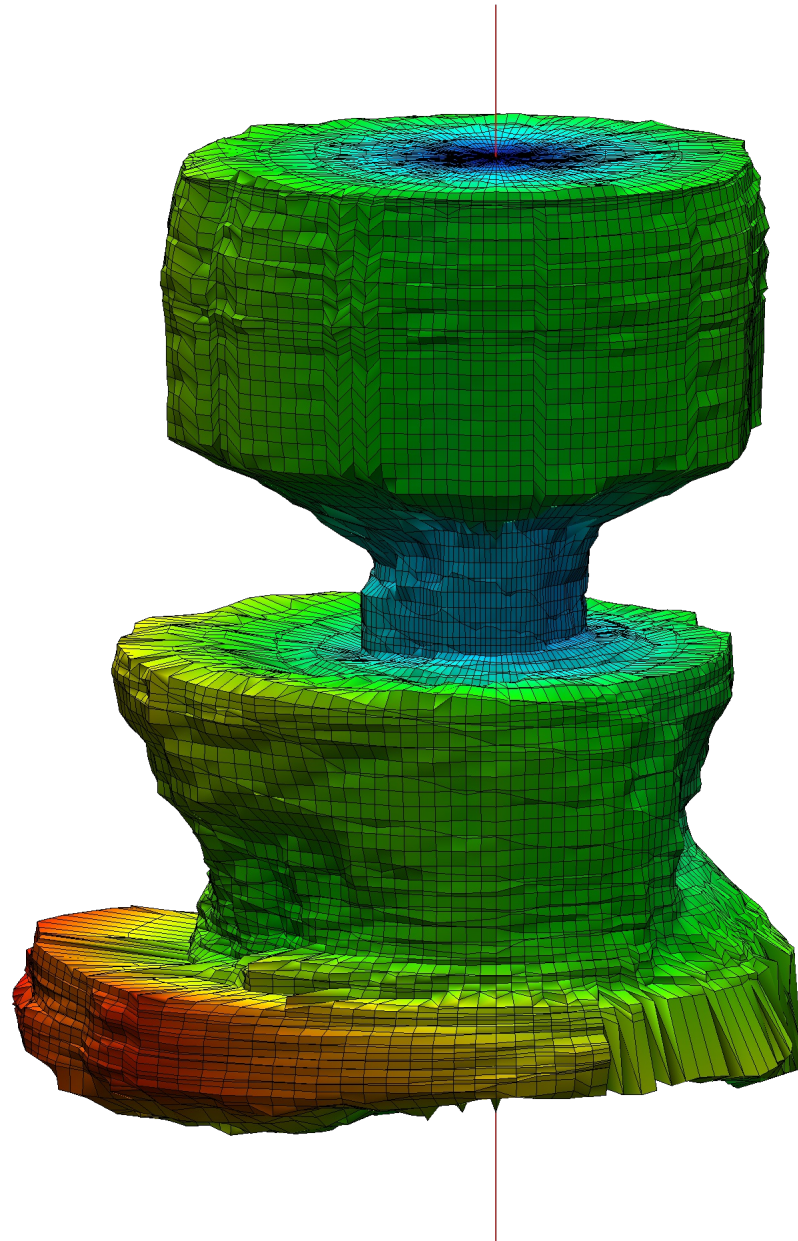
CUSTOMER : Eagle US 2, LLC  
DATE : 11/2/2022

CAVERN : PPG No. 007B  
OPERATION No. : 2



**VIEW FROM EAST**  
with an overhang of 10°

SCALE 1/125



Radius (ft)



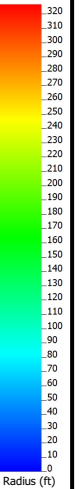
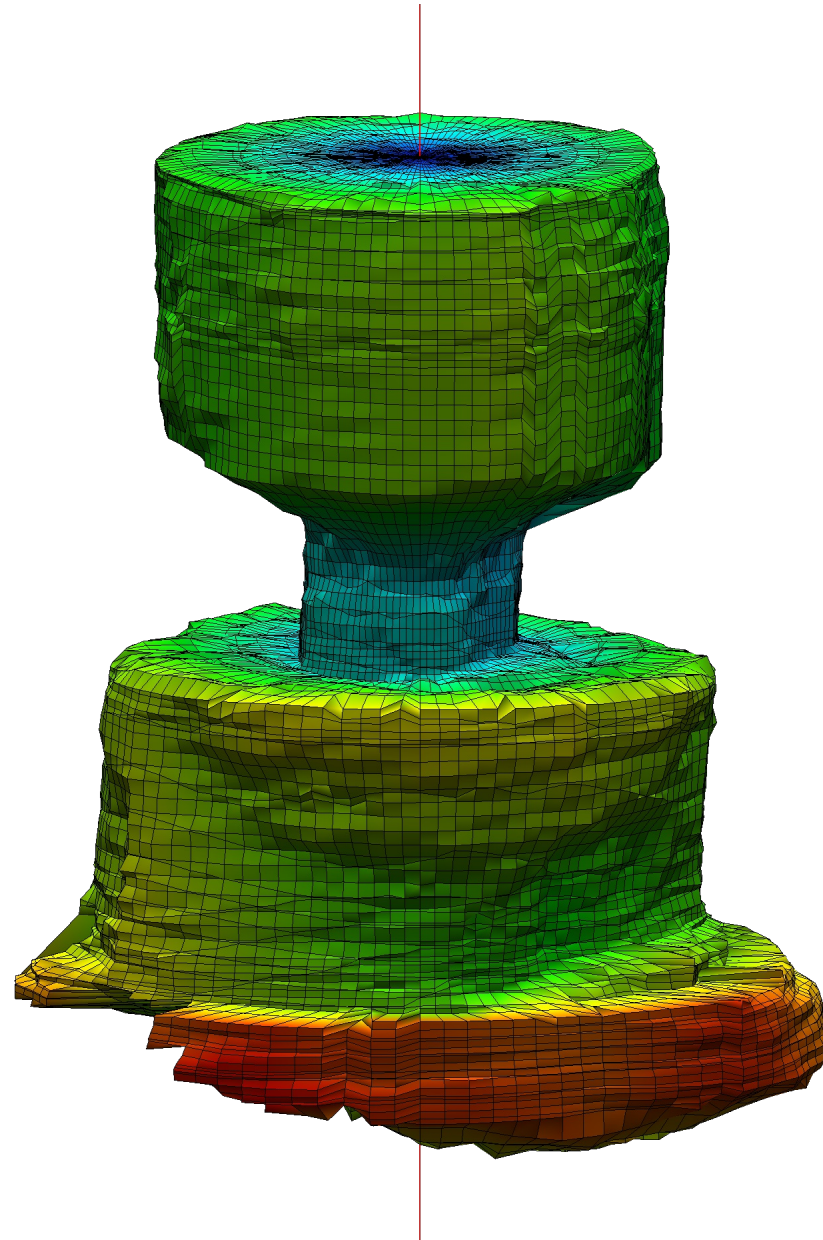
CUSTOMER : Eagle US 2, LLC  
DATE : 11/2/2022

CAVERN : PPG No. 007B  
OPERATION No. : 2



**VIEW FROM SOUTH**  
with an overhang of 10°

SCALE 1/125





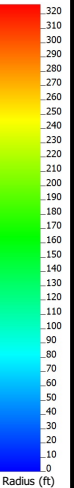
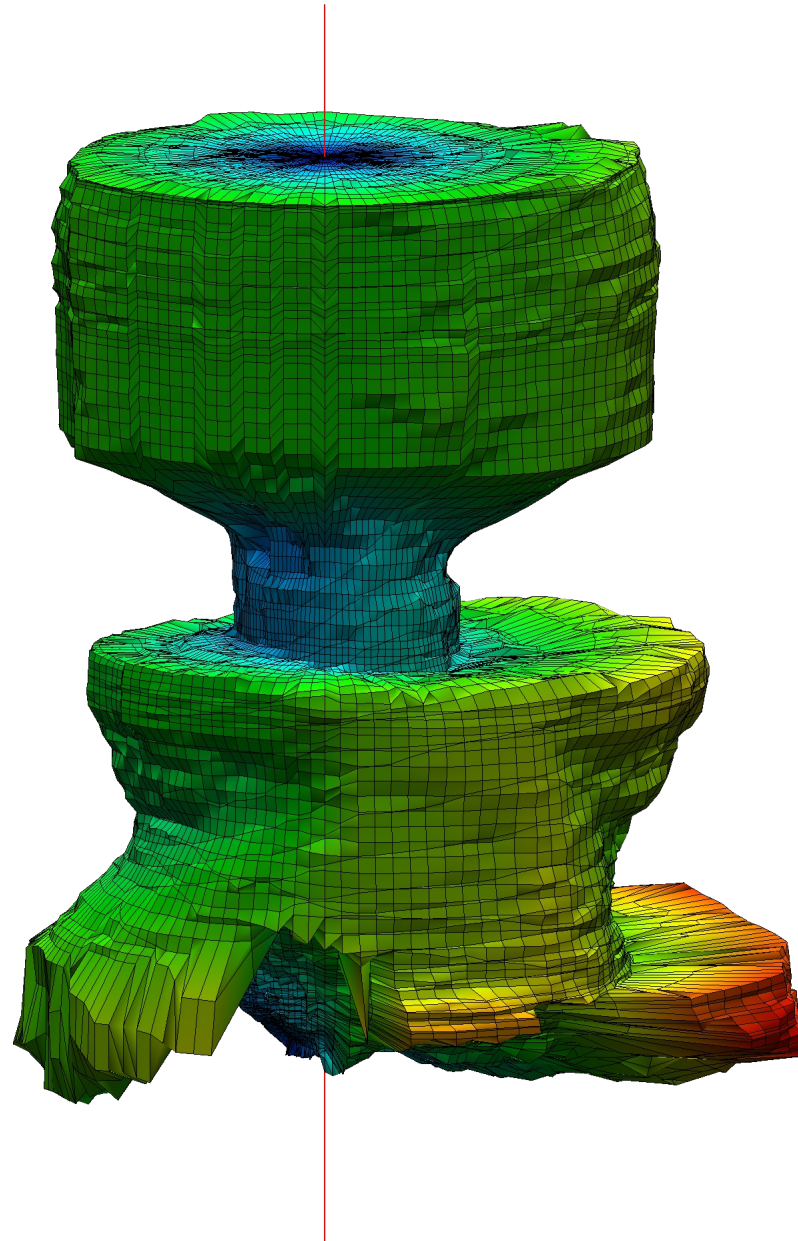
CUSTOMER : Eagle US 2, LLC  
DATE : 11/2/2022

CAVERN : PPG No. 007B  
OPERATION No. : 2



**VIEW FROM WEST**  
with an overhang of 10°

SCALE 1/125







CUSTOMER : Eagle US 2, LLC  
DATE : 11/2/2022

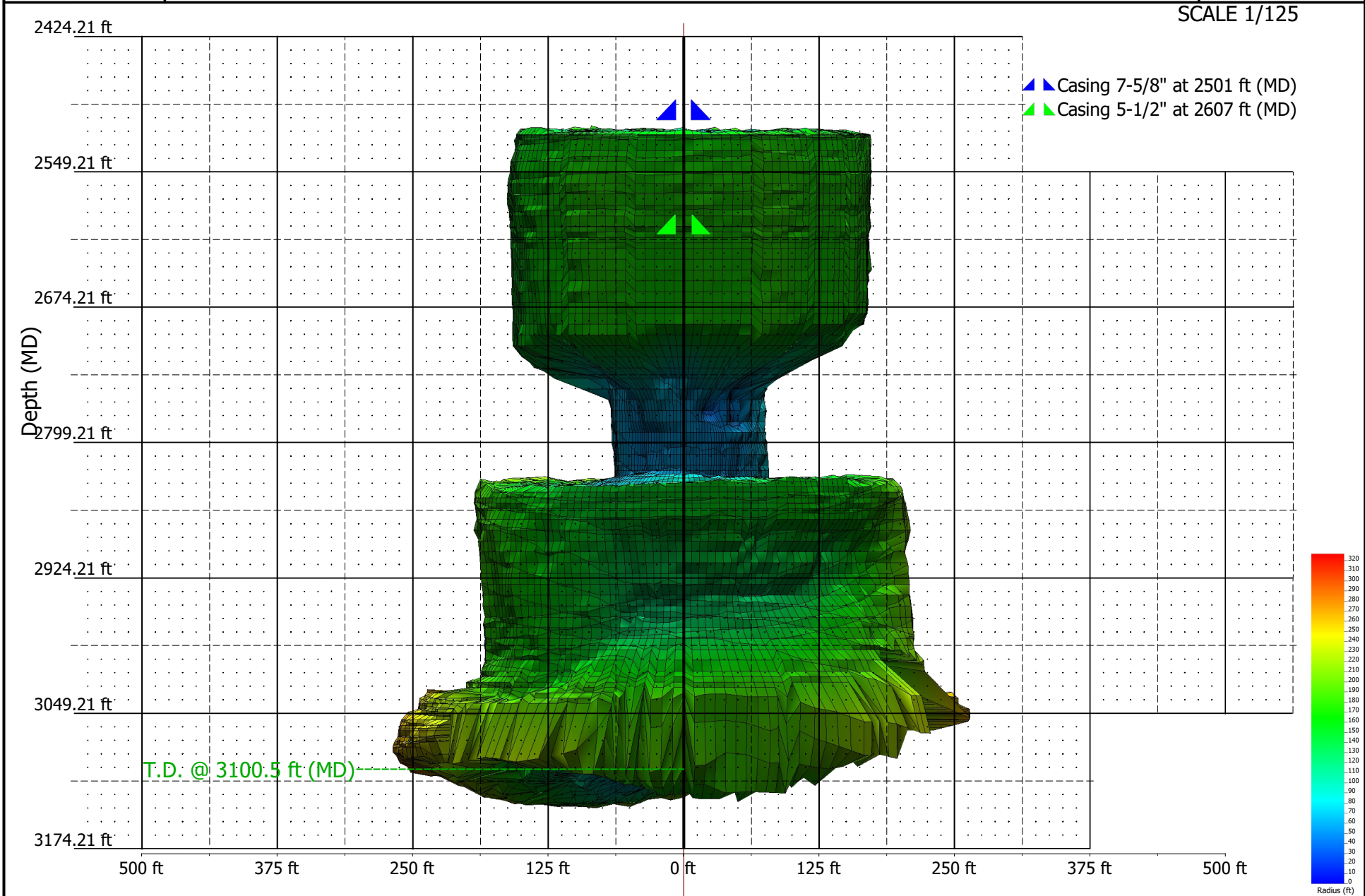
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OPERATION No. : 2



### VIEW FROM NORTH

with an overhang of 0°

SCALE 1/125



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DATE : 11/2/2022

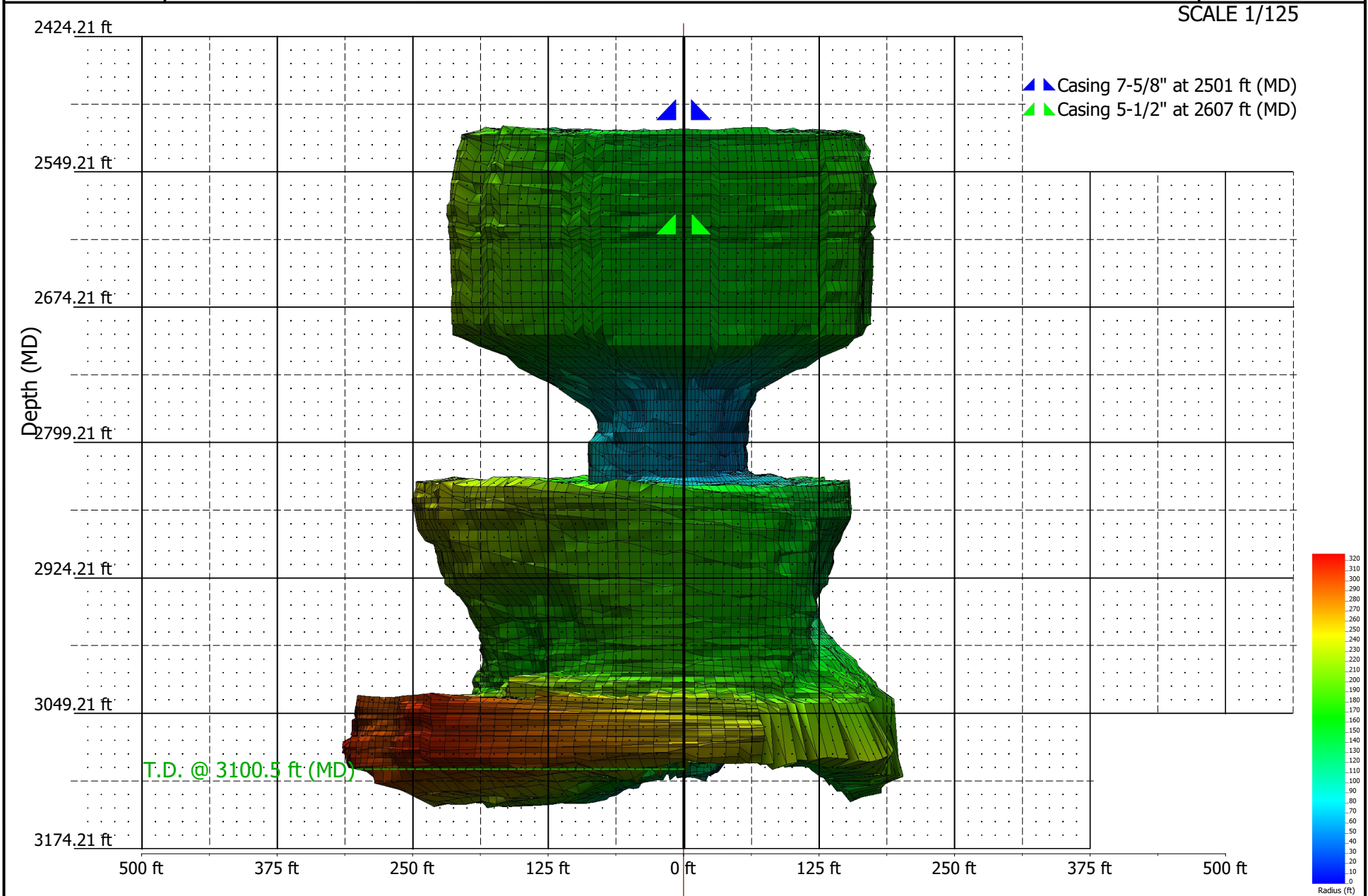
CAVERN : PPG No. 007B  
OPERATION No. : 2



### VIEW FROM EAST

with an overhang of 0°

SCALE 1/125



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DATE : 11/2/2022

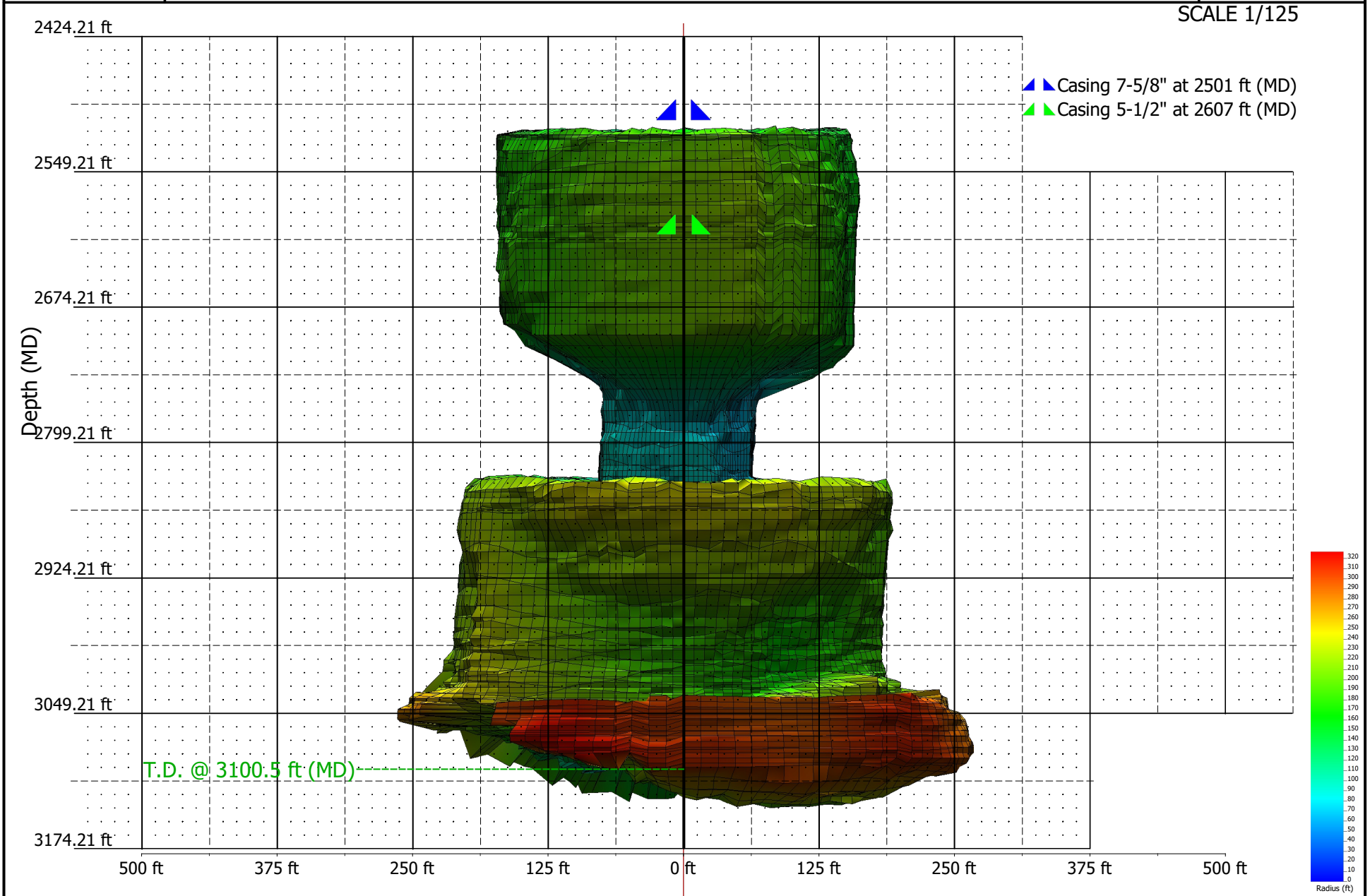
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OPERATION No. : 2



### VIEW FROM SOUTH

with an overhang of 0°

SCALE 1/125



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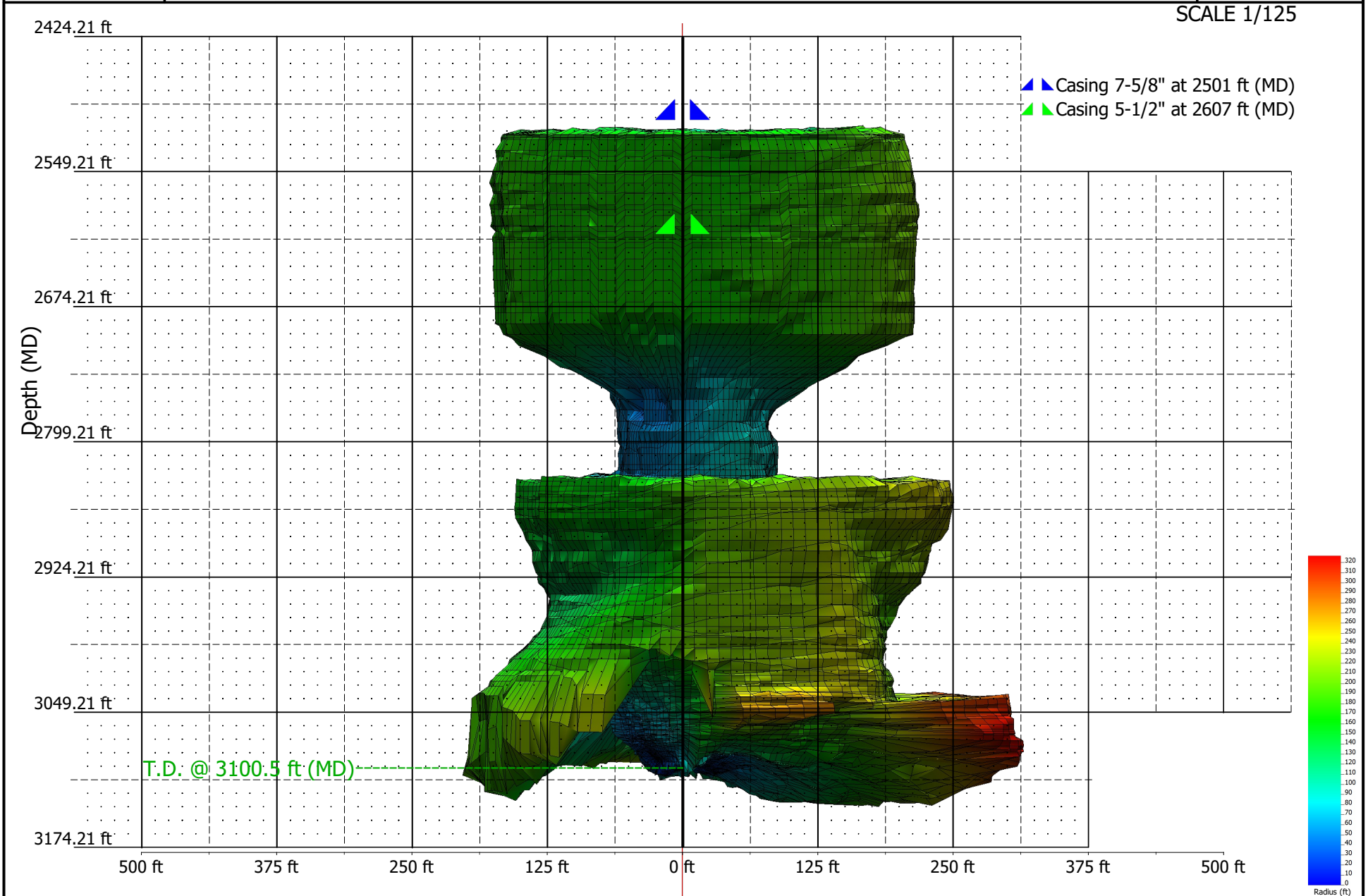
CAVERN : PPG No. 007B  
OPERATION No. : 2



### VIEW FROM WEST

with an overhang of 0°

SCALE 1/125



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