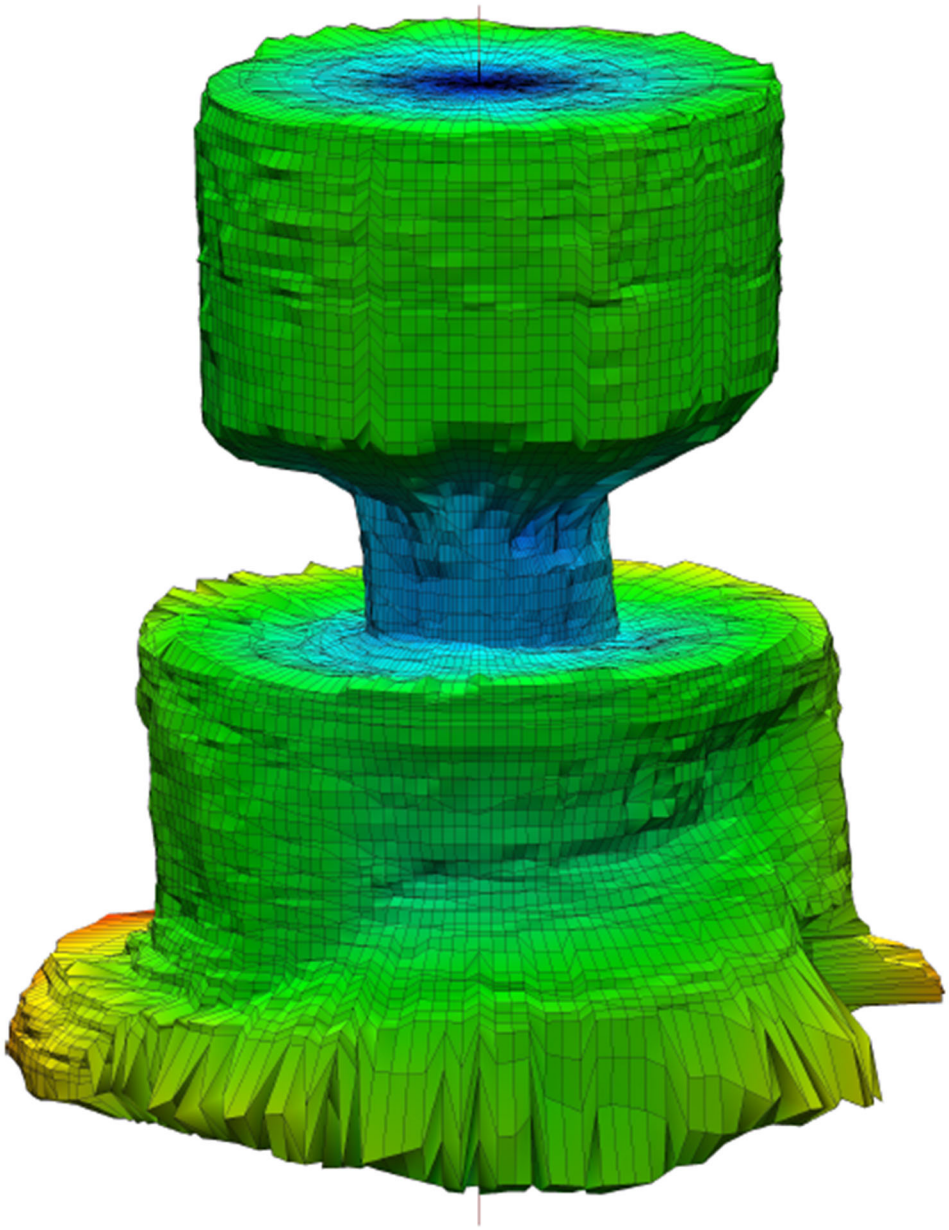
OFFICE OF CONSERVATION - INJECTION & MINING DIVISION - APR 21 2023, Page 1 of 126

SONIC SURVEYS
CAVERN EXPERIENCE YOU CAN DEPEND ON

FLODIM
Challenging the limits

P.O. Box 719 Mont Belvieu, TX 77580 Office: 281-385-6500 Fax: 281-385-2628 Email: rickyl@sonic-surveys.com

Eagle US 2, LLC
PPG No. 007B
Sulphur
Calcasieu Parish, Louisiana
March 16, 2023
Through Pipe Sonar Survey



Survey Conducted by: Richard Lawrence
Company Representative: Mr. Mike Zaunbrecher– Lonquist

Serving the Storage Well Industry Since 1978

SONIC SURVEYS
CAVERN EXPERIENCE YOU CAN DEPEND ON
FLODIM
Challenging the limits

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SONIC SURVEYS
CAVERN EXPERIENCE YOU CAN DEPEND ON
FLODIM
Challenging the limits

Well Information

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

Cemented Casing:	7-5/8 in. @ 2501 ft.
Hanging String:	5-1/2 in. @ 2607 ft.
Total Depth:	3100 ft.

Permanent Datum:	Zero at B.H.F.
Depth Correction:	-3.2 ft.

Total Volume BBL:	9,994,407.17
Total Volume Ft^3:	56,114,431.92

Sonar Tool Orientation

Sonar tool serial number SON-073-029 magnetic compass calibration performed on March 17, 2022.

The sonar survey was run using the fibre optic gyro which was set using the magnetic north of the internal compass at the depth of the cavern 2620 feet. This is in an open cavern away from any tubing to prevent any interference with the direction.

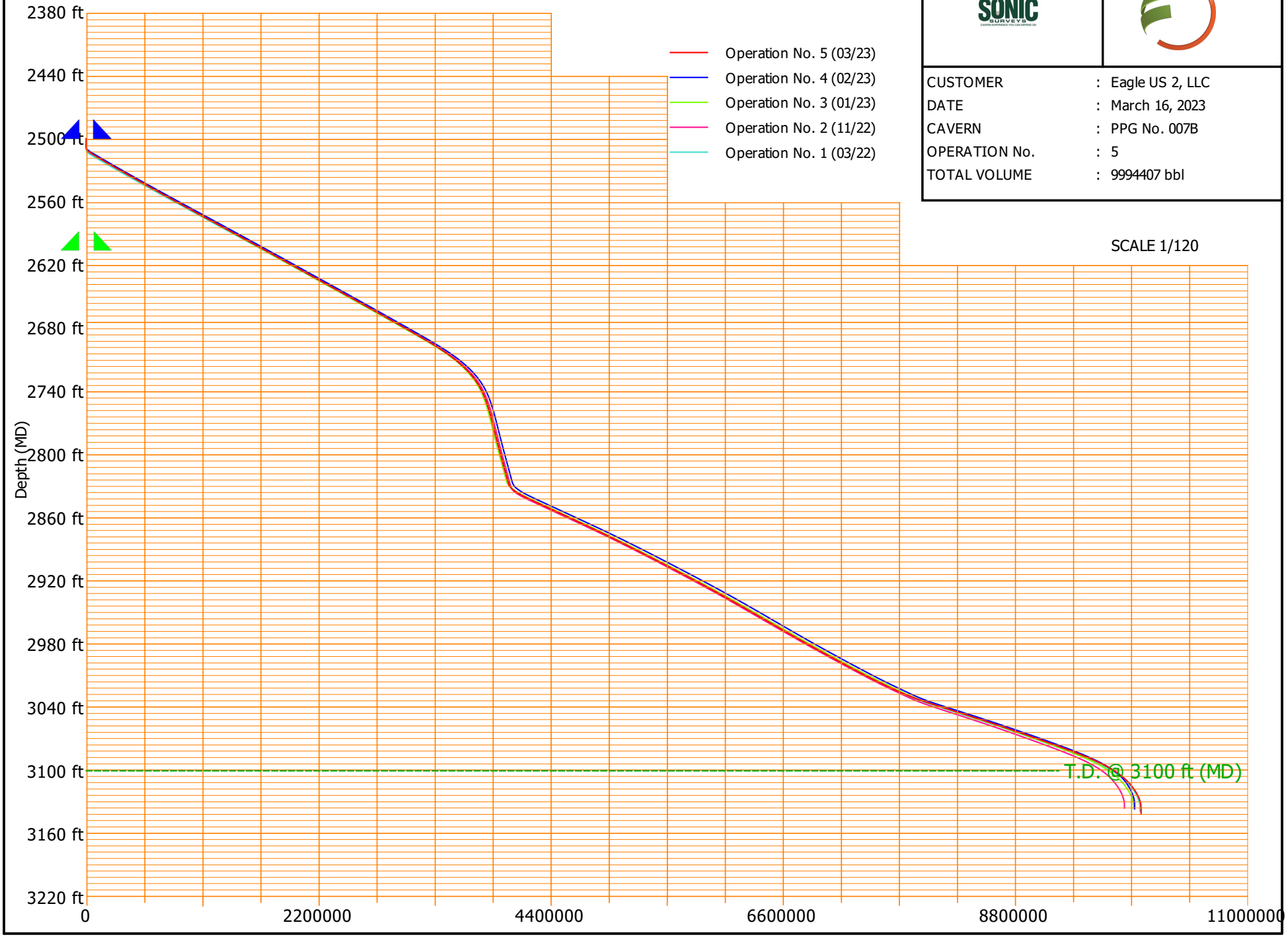
SONIC SURVEYS
CAVERN EXPERIENCE YOU CAN DEPEND ON
FLODIM
Challenging the limits

List of Acquired Measurements

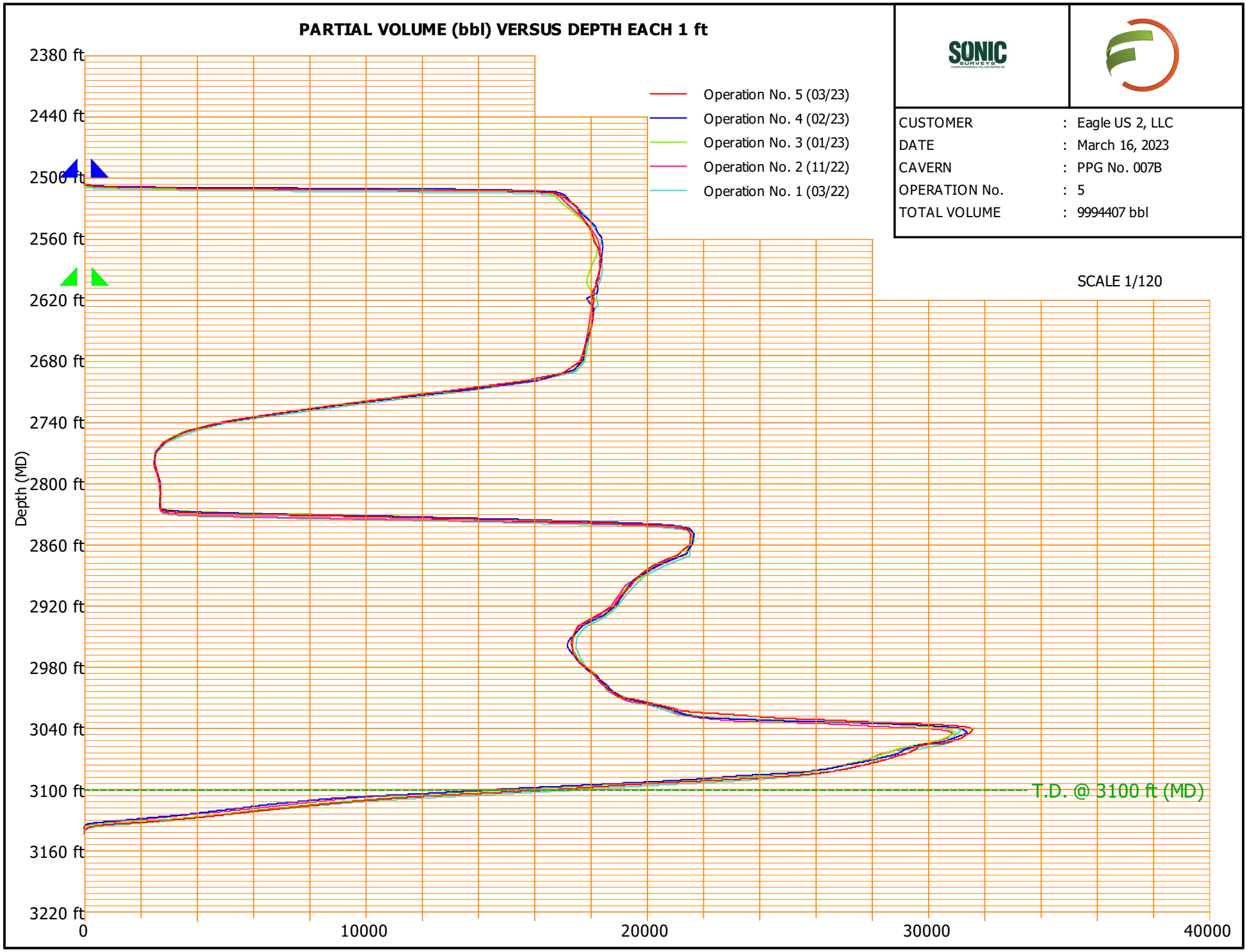
Sonar survey from 2501 ft. to 3090 ft.

- Oriented circular horizontal sections from 2501 ft to 2505 ft, with a step of 4 feet.
- Oriented circular horizontal sections from 2505 ft to 2507 ft, with a step of 2 feet.
- Oriented circular horizontal sections from 2507 ft to 2510 ft, with a step of 3 feet.
- Oriented circular horizontal sections from 2510 ft to 2514 ft, with a step of 4 feet.
- Oriented circular horizontal sections from 2514 ft to 2516 ft, with a step of 1 foot.
- Oriented circular horizontal sections from 2516 ft to 2520 ft, with a step of 2 feet.
- Oriented circular horizontal sections from 2520 ft to 2600 ft, with a step of 10 feet.
- Oriented circular horizontal sections from 2600 ft to 2620 ft, with a step of 5 feet.
- Oriented circular horizontal sections from 2620 ft to 2820 ft, with a step of 10 feet.
- Oriented circular horizontal sections from 2820 ft to 2860 ft, with a step of 5 feet.
- Oriented circular horizontal sections from 2860 ft to 3000 ft, with a step of 10 feet.
- Oriented circular horizontal sections from 3000 ft to 3090 ft, with a step of 5 feet.
- Up-tilted orientated circular sections from 2615 ft 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 -25°, -30°, -35°, -40°, -45°, -50°, -55°, -60°, -65°, -70° with respect to the horizontal.
- Up-tilted orientated circular sections from 2920 ft 10°, 15°, 20°, 25°, 30°, 35°, 40°, 45°, 50°, 55°, 60°, 65°, 70°, 75°, 80°, 85° 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.
- Up-tilted orientated circular sections from 3080 ft 3°, 6°, 9°, 12°, 15°, 18°, 21°, 24°, 27°, 30°, 33°, 36°, 39°, 42°, 45°, 50°, 55°, 60°, 65° with respect to the horizontal.
- 1 complimentary measurement to determine the cavity floor depth.

TOTAL VOLUME (bbl) VERSUS DEPTH (ft)

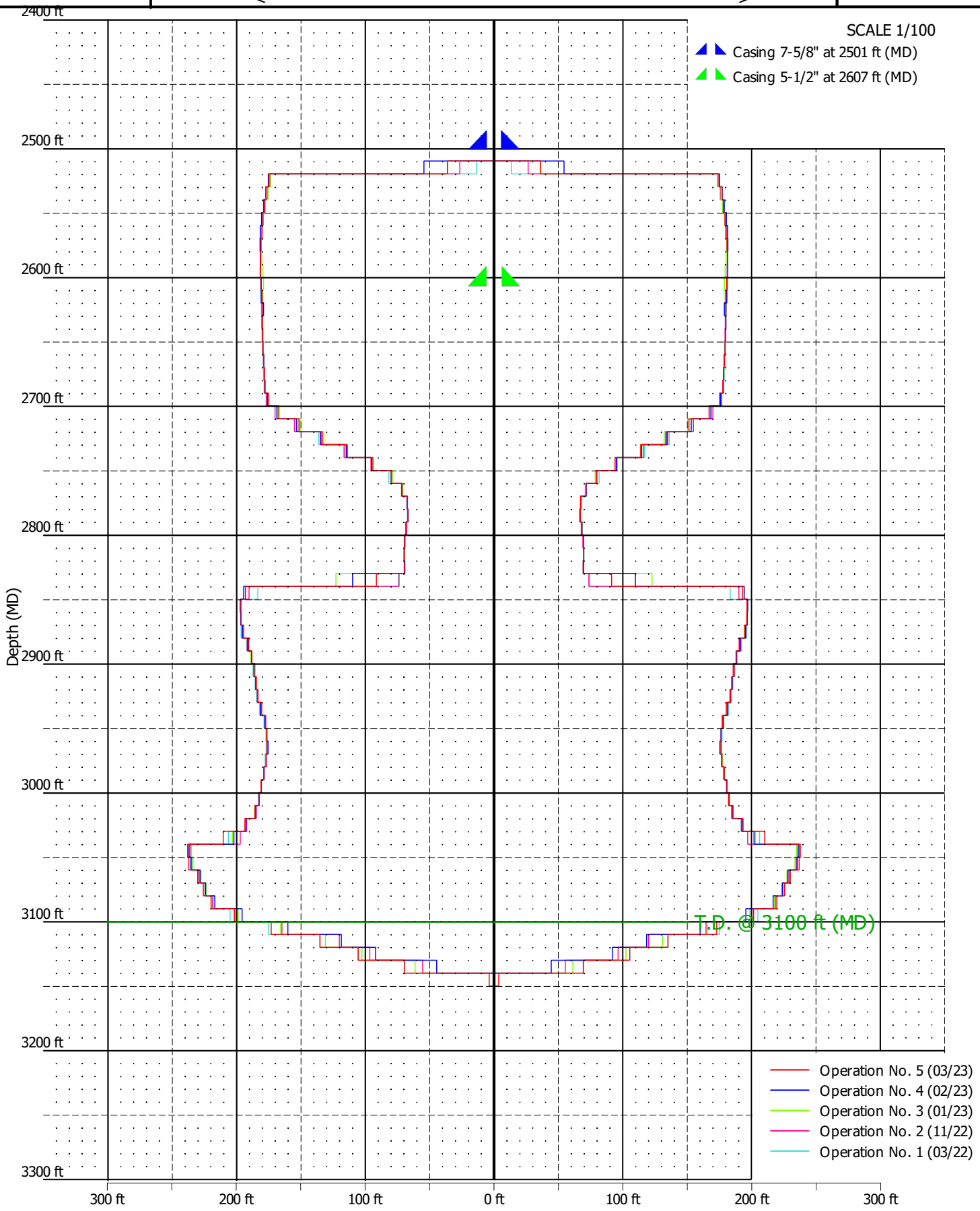


CUSTOMER	:	Eagle US 2, LLC
DATE	:	March 16, 2023
CAVERN	:	PPG No. 007B
OPERATION No.	:	5
TOTAL VOLUME	:	9994407 bbl


PARTIAL VOLUME (bbl) VERSUS DEPTH EACH 1 ft
Operation No. 5 (03/23)
Operation No. 4 (02/23)
Operation No. 3 (01/23)
Operation No. 2 (11/22)
Operation No. 1 (03/22)
CUSTOMER : Eagle US 2, LLC
DATE : March 16, 2023
CAVERN : PPG No. 007B
OPERATION No. : 5
TOTAL VOLUME : 9994407 bbl
SCALE 1/120
Depth (MD)
2380 ft
2440 ft
2500 ft
2560 ft
2620 ft
2680 ft
2740 ft
2800 ft
2860 ft
2920 ft
2980 ft
3040 ft
3100 ft
3160 ft
3220 ft
T.D. @ 3100 ft (MD)
0
10000
20000
30000
40000

CUSTOMER : Eagle US 2, LLC	CAVERN : PPG No. 007B	
DATE : March 16, 2023	OPERATION No. : 5	

MEAN RADIUS



SONIC SURVEYS

CUSTOMER : Eagle US 2, LLC
DATE : March 16, 2023

CAVERN : PPG No. 007B
OPERATION No. : 5

1

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 (°)
2501.00	0.09	0.09	-	-	-	-	-	-	-	-	-
2502.00	0.26	0.18	-	-	-	-	-	-	-	-	-
2503.00	0.44	0.18	-	-	-	-	-	-	-	-	-
2504.00	0.62	0.18	-	-	-	-	-	-	-	-	-
2505.00	0.79	0.18	-	-	-	-	-	-	-	-	-
2506.00	0.98	0.18	-	-	-	-	-	-	-	-	-
2507.00	7.85	6.88	-	-	-	-	-	-	-	-	-
2508.00	89.98	82.13	-	-	-	-	-	-	-	-	-
2509.00	407.08	317.10	-	-	-	-	-	-	-	-	-
2510.00	**1579.12**	**1172.04**	**4101.35**	**36.13**	**72.26**	**0.58**	**187.95**	**174.00**	**0.58**	**188.52**	**174.00**
2511.00	4866.17	3287.06	-	-	-	-	-	-	-	-	-
2512.00	11621.18	6755.01	-	-	-	-	-	-	-	-	-
2513.00	22767.91	11146.72	-	-	-	-	-	-	-	-	-
2514.00	37830.17	15062.27	-	-	-	-	-	-	-	-	-
2515.00	54067.60	16237.43	-	-	-	-	-	-	-	-	-
2516.00	70780.02	16712.43	-	-	-	-	-	-	-	-	-
2517.00	87616.69	16836.67	-	-	-	-	-	-	-	-	-
2518.00	104564.54	16947.85	-	-	-	-	-	-	-	-	-
2519.00	121579.02	17014.48	-	-	-	-	-	-	-	-	-
2520.00	**138653.01**	**17073.99**	**95829.92**	**174.65**	**349.31**	**154.44**	**207.55**	**162.00**	**323.66**	**376.38**	**162.00**
2521.00	155773.84	17120.83	-	-	-	-	-	-	-	-	-
2522.00	172941.40	17167.55	-	-	-	-	-	-	-	-	-
2523.00	190156.75	17215.35	-	-	-	-	-	-	-	-	-
2524.00	207420.41	17263.66	-	-	-	-	-	-	-	-	-
2525.00	224731.09	17310.69	-	-	-	-	-	-	-	-	-
2526.00	242087.22	17356.13	-	-	-	-	-	-	-	-	-
2527.00	259488.05	17400.83	-	-	-	-	-	-	-	-	-
2528.00	276931.63	17443.58	-	-	-	-	-	-	-	-	-
2529.00	294417.55	17485.92	-	-	-	-	-	-	-	-	-
2530.00	**311938.33**	**17520.77**	**98391.18**	**176.97**	**353.94**	**155.58**	**213.41**	**162.00**	**325.59**	**386.38**	**162.00**
2531.00	329469.45	17531.12	-	-	-	-	-	-	-	-	-
2532.00	347013.73	17544.29	-	-	-	-	-	-	-	-	-
2533.00	364573.71	17559.98	-	-	-	-	-	-	-	-	-
2534.00	382150.61	17576.90	-	-	-	-	-	-	-	-	-
2535.00	399747.07	17596.46	-	-	-	-	-	-	-	-	-
2536.00	417365.69	17618.62	-	-	-	-	-	-	-	-	-

SONIC SURVEYS

CUSTOMER : Eagle US 2, LLC
DATE : March 16, 2023

CAVERN : PPG No. 007B
OPERATION No. : 5

2

MAIN CHARACTERISTICS DATASHEET

Depth (ft)	Cumulated Volume (bbl)	Volume Section (bbl)	Section Area (ft²)	Mean Radius (ft)	Mean Diameter (ft)	Min Radius (ft)	Max Radius (ft)	Max Radius Orientation (°)	Min Diameter (ft)	Max Diameter (ft)	Max Diam. Orientation (°)
2537.00	435008.33	17642.64	-	-	-	-	-	-	-	-	-
2538.00	452675.90	17667.57	-	-	-	-	-	-	-	-	-
2539.00	470368.51	17692.61	-	-	-	-	-	-	-	-	-
2540.00	**488086.35**	**17717.84**	**99451.00**	**177.92**	**355.84**	**154.44**	**211.04**	**162.00**	**325.23**	**386.59**	**162.00**
2541.00	505829.06	17742.71	-	-	-	-	-	-	-	-	-
2542.00	523596.69	17767.64	-	-	-	-	-	-	-	-	-
2543.00	541387.93	17791.23	-	-	-	-	-	-	-	-	-
2544.00	559201.85	17813.92	-	-	-	-	-	-	-	-	-
2545.00	577035.28	17833.43	-	-	-	-	-	-	-	-	-
2546.00	594890.74	17855.46	-	-	-	-	-	-	-	-	-
2547.00	612775.04	17884.30	-	-	-	-	-	-	-	-	-
2548.00	630689.78	17914.74	-	-	-	-	-	-	-	-	-
2549.00	648635.09	17945.31	-	-	-	-	-	-	-	-	-
2550.00	**666608.38**	**17973.29**	**100896.82**	**179.21**	**358.42**	**156.74**	**219.01**	**162.00**	**325.66**	**393.41**	**162.00**
2551.00	684598.07	17989.69	-	-	-	-	-	-	-	-	-
2552.00	702602.21	18004.14	-	-	-	-	-	-	-	-	-
2553.00	720620.30	18018.09	-	-	-	-	-	-	-	-	-
2554.00	738651.03	18030.73	-	-	-	-	-	-	-	-	-
2555.00	756694.23	18043.20	-	-	-	-	-	-	-	-	-
2556.00	774750.96	18056.73	-	-	-	-	-	-	-	-	-
2557.00	792821.00	18070.03	-	-	-	-	-	-	-	-	-
2558.00	810903.92	18082.93	-	-	-	-	-	-	-	-	-
2559.00	828999.12	18095.19	-	-	-	-	-	-	-	-	-
2560.00	**847103.27**	**18104.15**	**101642.04**	**179.87**	**359.74**	**157.34**	**220.55**	**162.00**	**328.55**	**395.24**	**162.00**
2561.00	865212.22	18108.96	-	-	-	-	-	-	-	-	-
2562.00	883327.98	18115.76	-	-	-	-	-	-	-	-	-
2563.00	901455.22	18127.24	-	-	-	-	-	-	-	-	-
2564.00	919598.95	18143.72	-	-	-	-	-	-	-	-	-
2565.00	937763.36	18164.42	-	-	-	-	-	-	-	-	-
2566.00	955949.21	18185.84	-	-	-	-	-	-	-	-	-
2567.00	974158.31	18209.10	-	-	-	-	-	-	-	-	-
2568.00	992392.30	18233.99	-	-	-	-	-	-	-	-	-
2569.00	1010651.50	18259.19	-	-	-	-	-	-	-	-	-
2570.00	**1028931.77**	**18280.28**	**102672.01**	**180.78**	**361.56**	**157.71**	**219.71**	**168.00**	**329.13**	**397.06**	**174.00**
2571.00	1047216.70	18284.92	-	-	-	-	-	-	-	-	-
2572.00	1065506.06	18289.36	-	-	-	-	-	-	-	-	-

SONIC SURVEYS

CUSTOMER : Eagle US 2, LLC
DATE : March 16, 2023

CAVERN : PPG No. 007B
OPERATION No. : 5

3

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 (°)
2573.00	1083801.11	18295.05	-	-	-	-	-	-	-	-	-
2574.00	1102102.80	18301.69	-	-	-	-	-	-	-	-	-
2575.00	1120413.10	18310.30	-	-	-	-	-	-	-	-	-
2576.00	1138733.36	18320.26	-	-	-	-	-	-	-	-	-
2577.00	1157065.68	18332.31	-	-	-	-	-	-	-	-	-
2578.00	1175411.21	18345.53	-	-	-	-	-	-	-	-	-
2579.00	1193769.42	18358.21	-	-	-	-	-	-	-	-	-
2580.00	**1212132.55**	**18363.13**	**103118.59**	**181.17**	**362.35**	**157.40**	**220.83**	**162.00**	**329.23**	**401.05**	**162.00**
2581.00	1230493.33	18360.78	-	-	-	-	-	-	-	-	-
2582.00	1248851.80	18358.47	-	-	-	-	-	-	-	-	-
2583.00	1267208.14	18356.34	-	-	-	-	-	-	-	-	-
2584.00	1285562.48	18354.35	-	-	-	-	-	-	-	-	-
2585.00	1303914.99	18352.50	-	-	-	-	-	-	-	-	-
2586.00	1322265.78	18350.79	-	-	-	-	-	-	-	-	-
2587.00	1340615.00	18349.22	-	-	-	-	-	-	-	-	-
2588.00	1358962.79	18347.79	-	-	-	-	-	-	-	-	-
2589.00	1377309.29	18346.50	-	-	-	-	-	-	-	-	-
2590.00	**1395653.17**	**18343.88**	**102969.58**	**181.04**	**362.08**	**158.80**	**222.60**	**162.00**	**329.03**	**403.20**	**162.00**
2591.00	1413987.88	18334.71	-	-	-	-	-	-	-	-	-
2592.00	1432312.50	18324.61	-	-	-	-	-	-	-	-	-
2593.00	1450626.75	18314.26	-	-	-	-	-	-	-	-	-
2594.00	1468930.39	18303.64	-	-	-	-	-	-	-	-	-
2595.00	1487223.17	18292.77	-	-	-	-	-	-	-	-	-
2596.00	1505504.82	18281.65	-	-	-	-	-	-	-	-	-
2597.00	1523775.09	18270.27	-	-	-	-	-	-	-	-	-
2598.00	1542033.72	18258.63	-	-	-	-	-	-	-	-	-
2599.00	1560280.47	18246.74	-	-	-	-	-	-	-	-	-
2600.00	**1578517.52**	**18237.06**	**102424.06**	**180.56**	**361.12**	**157.34**	**222.03**	**162.00**	**329.00**	**402.05**	**162.00**
2601.00	1596753.74	18236.22	-	-	-	-	-	-	-	-	-
2602.00	1614989.23	18235.49	-	-	-	-	-	-	-	-	-
2603.00	1633223.47	18234.24	-	-	-	-	-	-	-	-	-
2604.00	1651455.95	18232.48	-	-	-	-	-	-	-	-	-
2605.00	1669681.07	18225.12	-	-	-	-	-	-	-	-	-
2606.00	1687882.91	18201.84	-	-	-	-	-	-	-	-	-
2607.00	1706061.72	18178.81	-	-	-	-	-	-	-	-	-
2608.00	1724218.00	18156.28	-	-	-	-	-	-	-	-	-

SONIC SURVEYS

CUSTOMER : Eagle US 2, LLC
DATE : March 16, 2023

CAVERN : PPG No. 007B
OPERATION No. : 5

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 (°)
2609.00	1742352.23	18134.23	-	-	-	-	-	-	-	-	-
2610.00	**1760464.91**	**18112.68**	**101705.94**	**179.93**	**359.86**	**154.41**	**220.07**	**168.00**	**324.97**	**394.17**	**162.00**
2611.00	1778558.59	18093.68	-	-	-	-	-	-	-	-	-
2612.00	1796635.34	18076.76	-	-	-	-	-	-	-	-	-
2613.00	1814695.85	18060.51	-	-	-	-	-	-	-	-	-
2614.00	1832740.77	18044.92	-	-	-	-	-	-	-	-	-
2615.00	1850775.33	18034.56	-	-	-	-	-	-	-	-	-
2616.00	1868824.76	18049.44	-	-	-	-	-	-	-	-	-
2617.00	1886892.92	18068.15	-	-	-	-	-	-	-	-	-
2618.00	1904979.90	18086.98	-	-	-	-	-	-	-	-	-
2619.00	1923085.80	18105.90	-	-	-	-	-	-	-	-	-
2620.00	**1941205.23**	**18119.43**	**101768.32**	**179.98**	**359.97**	**155.57**	**221.35**	**162.00**	**326.99**	**395.10**	**162.00**
2621.00	1959319.95	18114.72	-	-	-	-	-	-	-	-	-
2622.00	1977429.35	18109.40	-	-	-	-	-	-	-	-	-
2623.00	1995533.37	18104.03	-	-	-	-	-	-	-	-	-
2624.00	2013631.98	18098.61	-	-	-	-	-	-	-	-	-
2625.00	2031725.13	18093.15	-	-	-	-	-	-	-	-	-
2626.00	2049812.79	18087.65	-	-	-	-	-	-	-	-	-
2627.00	2067894.89	18082.11	-	-	-	-	-	-	-	-	-
2628.00	2085971.41	18076.52	-	-	-	-	-	-	-	-	-
2629.00	2104042.30	18070.89	-	-	-	-	-	-	-	-	-
2630.00	**2122109.57**	**18067.27**	**101407.44**	**179.66**	**359.33**	**154.42**	**220.17**	**162.00**	**327.30**	**393.63**	**162.00**
2631.00	2140178.98	18069.41	-	-	-	-	-	-	-	-	-
2632.00	2158250.46	18071.48	-	-	-	-	-	-	-	-	-
2633.00	2176323.95	18073.48	-	-	-	-	-	-	-	-	-
2634.00	2194399.36	18075.41	-	-	-	-	-	-	-	-	-
2635.00	2212476.62	18077.27	-	-	-	-	-	-	-	-	-
2636.00	2230555.67	18079.05	-	-	-	-	-	-	-	-	-
2637.00	2248636.43	18080.76	-	-	-	-	-	-	-	-	-
2638.00	2266718.83	18082.40	-	-	-	-	-	-	-	-	-
2639.00	2284802.80	18083.97	-	-	-	-	-	-	-	-	-
2640.00	**2302885.54**	**18082.74**	**101566.65**	**179.80**	**359.61**	**154.79**	**218.31**	**168.00**	**326.90**	**390.69**	**162.00**
2641.00	2320959.13	18073.59	-	-	-	-	-	-	-	-	-
2642.00	2339023.62	18064.49	-	-	-	-	-	-	-	-	-
2643.00	2357079.08	18055.46	-	-	-	-	-	-	-	-	-
2644.00	2375125.56	18046.48	-	-	-	-	-	-	-	-	-

SONIC SURVEYS

CUSTOMER : Eagle US 2, LLC
DATE : March 16, 2023

CAVERN : PPG No. 007B
OPERATION No. : 5

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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 (°)
2645.00	2393163.13	18037.57	-	-	-	-	-	-	-	-	-
2646.00	2411191.85	18028.72	-	-	-	-	-	-	-	-	-
2647.00	2429211.77	18019.92	-	-	-	-	-	-	-	-	-
2648.00	2447222.96	18011.19	-	-	-	-	-	-	-	-	-
2649.00	2465225.47	18002.52	-	-	-	-	-	-	-	-	-
2650.00	**2483219.09**	**17993.61**	**101025.40**	**179.32**	**358.65**	**154.50**	**218.88**	**168.00**	**326.33**	**390.12**	**168.00**
2651.00	2501202.74	17983.65	-	-	-	-	-	-	-	-	-
2652.00	2519176.33	17973.59	-	-	-	-	-	-	-	-	-
2653.00	2537139.83	17963.50	-	-	-	-	-	-	-	-	-
2654.00	2555093.22	17953.39	-	-	-	-	-	-	-	-	-
2655.00	2573036.47	17943.25	-	-	-	-	-	-	-	-	-
2656.00	2590969.55	17933.09	-	-	-	-	-	-	-	-	-
2657.00	2608892.45	17922.90	-	-	-	-	-	-	-	-	-
2658.00	2626805.13	17912.68	-	-	-	-	-	-	-	-	-
2659.00	2644707.57	17902.44	-	-	-	-	-	-	-	-	-
2660.00	**2662598.78**	**17891.20**	**100461.81**	**178.82**	**357.65**	**153.64**	**219.74**	**162.00**	**325.46**	**391.28**	**162.00**
2661.00	2680475.58	17876.81	-	-	-	-	-	-	-	-	-
2662.00	2698338.01	17862.42	-	-	-	-	-	-	-	-	-
2663.00	2716186.14	17848.14	-	-	-	-	-	-	-	-	-
2664.00	2734020.09	17833.94	-	-	-	-	-	-	-	-	-
2665.00	2751839.94	17819.85	-	-	-	-	-	-	-	-	-
2666.00	2769645.79	17805.85	-	-	-	-	-	-	-	-	-
2667.00	2787437.75	17791.95	-	-	-	-	-	-	-	-	-
2668.00	2805215.90	17778.15	-	-	-	-	-	-	-	-	-
2669.00	2822980.34	17764.44	-	-	-	-	-	-	-	-	-
2670.00	**2840732.43**	**17752.09**	**99671.07**	**178.12**	**356.24**	**153.47**	**218.33**	**162.00**	**324.24**	**390.54**	**162.00**
2671.00	2858476.01	17743.57	-	-	-	-	-	-	-	-	-
2672.00	2876210.90	17734.89	-	-	-	-	-	-	-	-	-
2673.00	2893936.91	17726.01	-	-	-	-	-	-	-	-	-
2674.00	2911653.84	17716.93	-	-	-	-	-	-	-	-	-
2675.00	2929361.50	17707.65	-	-	-	-	-	-	-	-	-
2676.00	2947059.67	17698.18	-	-	-	-	-	-	-	-	-
2677.00	2964748.17	17688.50	-	-	-	-	-	-	-	-	-
2678.00	2982426.79	17678.62	-	-	-	-	-	-	-	-	-
2679.00	3000095.33	17668.54	-	-	-	-	-	-	-	-	-
2680.00	**3017743.99**	**17648.66**	**99209.28**	**177.71**	**355.41**	**153.76**	**216.91**	**168.00**	**321.29**	**387.97**	**168.00**

SONIC SURVEYS

CUSTOMER : Eagle US 2, LLC
DATE : March 16, 2023

CAVERN : PPG No. 007B
OPERATION No. : 5

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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 (°)
2681.00	3035340.36	17596.37	-	-	-	-	-	-	-	-	-
2682.00	3052883.31	17542.95	-	-	-	-	-	-	-	-	-
2683.00	3070372.88	17489.57	-	-	-	-	-	-	-	-	-
2684.00	3087809.13	17436.25	-	-	-	-	-	-	-	-	-
2685.00	3105192.10	17382.97	-	-	-	-	-	-	-	-	-
2686.00	3122521.83	17329.73	-	-	-	-	-	-	-	-	-
2687.00	3139798.37	17276.54	-	-	-	-	-	-	-	-	-
2688.00	3157021.77	17223.40	-	-	-	-	-	-	-	-	-
2689.00	3174192.06	17170.30	-	-	-	-	-	-	-	-	-
2690.00	**3191309.31**	**17117.24**	**96247.35**	**175.03**	**350.07**	**152.15**	**217.97**	**168.00**	**308.67**	**388.79**	**168.00**
2691.00	3208373.54	17064.24	-	-	-	-	-	-	-	-	-
2692.00	3225362.75	16989.20	-	-	-	-	-	-	-	-	-
2693.00	3242179.47	16816.72	-	-	-	-	-	-	-	-	-
2694.00	3258813.36	16633.89	-	-	-	-	-	-	-	-	-
2695.00	3275264.48	16451.12	-	-	-	-	-	-	-	-	-
2696.00	3291532.90	16268.42	-	-	-	-	-	-	-	-	-
2697.00	3307618.69	16085.80	-	-	-	-	-	-	-	-	-
2698.00	3323521.94	15903.24	-	-	-	-	-	-	-	-	-
2699.00	3339242.69	15720.76	-	-	-	-	-	-	-	-	-
2700.00	**3354770.09**	**15527.39**	**87494.66**	**166.88**	**333.77**	**135.34**	**202.60**	**174.00**	**293.19**	**367.93**	**18.00**
2701.00	3370024.23	15254.15	-	-	-	-	-	-	-	-	-
2702.00	3384991.60	14967.37	-	-	-	-	-	-	-	-	-
2703.00	3399674.77	14683.17	-	-	-	-	-	-	-	-	-
2704.00	3414076.33	14401.56	-	-	-	-	-	-	-	-	-
2705.00	3428198.86	14122.53	-	-	-	-	-	-	-	-	-
2706.00	3442044.94	13846.08	-	-	-	-	-	-	-	-	-
2707.00	3455617.15	13572.21	-	-	-	-	-	-	-	-	-
2708.00	3468918.08	13300.93	-	-	-	-	-	-	-	-	-
2709.00	3481950.31	13032.23	-	-	-	-	-	-	-	-	-
2710.00	**3494707.62**	**12757.30**	**71902.79**	**151.29**	**302.57**	**117.72**	**188.24**	**192.00**	**270.34**	**335.37**	**12.00**
2711.00	3507159.82	12452.20	-	-	-	-	-	-	-	-	-
2712.00	3519308.92	12149.10	-	-	-	-	-	-	-	-	-
2713.00	3531159.35	11850.43	-	-	-	-	-	-	-	-	-
2714.00	3542715.53	11556.18	-	-	-	-	-	-	-	-	-
2715.00	3553981.87	11266.35	-	-	-	-	-	-	-	-	-
2716.00	3564962.82	10980.94	-	-	-	-	-	-	-	-	-

SONIC SURVEYS

CUSTOMER : Eagle US 2, LLC
DATE : March 16, 2023

CAVERN : PPG No. 007B
OPERATION No. : 5

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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 (°)
2717.00	3575662.77	10699.96	-	-	-	-	-	-	-	-	-
2718.00	3586086.17	10423.39	-	-	-	-	-	-	-	-	-
2719.00	3596237.42	10151.25	-	-	-	-	-	-	-	-	-
2720.00	**3606116.27**	**9878.85**	**55745.38**	**133.21**	**266.42**	**98.36**	**161.75**	**204.00**	**231.88**	**292.68**	**24.00**
2721.00	3615710.25	9593.98	-	-	-	-	-	-	-	-	-
2722.00	3625022.52	9312.27	-	-	-	-	-	-	-	-	-
2723.00	3634057.13	9034.62	-	-	-	-	-	-	-	-	-
2724.00	3642818.17	8761.04	-	-	-	-	-	-	-	-	-
2725.00	3651309.69	8491.52	-	-	-	-	-	-	-	-	-
2726.00	3659535.75	8226.06	-	-	-	-	-	-	-	-	-
2727.00	3667500.41	7964.66	-	-	-	-	-	-	-	-	-
2728.00	3675207.74	7707.33	-	-	-	-	-	-	-	-	-
2729.00	3682661.81	7454.07	-	-	-	-	-	-	-	-	-
2730.00	**3689862.14**	**7200.33**	**40735.54**	**113.87**	**227.74**	**80.52**	**151.02**	**180.00**	**167.56**	**257.92**	**18.00**
2731.00	3696805.93	6943.79	-	-	-	-	-	-	-	-	-
2732.00	3703499.28	6693.36	-	-	-	-	-	-	-	-	-
2733.00	3709948.31	6449.03	-	-	-	-	-	-	-	-	-
2734.00	3716159.11	6210.80	-	-	-	-	-	-	-	-	-
2735.00	3722137.78	5978.67	-	-	-	-	-	-	-	-	-
2736.00	3727890.37	5752.59	-	-	-	-	-	-	-	-	-
2737.00	3733422.90	5532.53	-	-	-	-	-	-	-	-	-
2738.00	3738741.37	5318.48	-	-	-	-	-	-	-	-	-
2739.00	3743851.81	5110.43	-	-	-	-	-	-	-	-	-
2740.00	**3748771.26**	**4919.46**	**27699.63**	**93.90**	**187.80**	**64.93**	**132.81**	**174.00**	**149.94**	**224.19**	**162.00**
2741.00	3753539.07	4767.81	-	-	-	-	-	-	-	-	-
2742.00	3758158.24	4619.17	-	-	-	-	-	-	-	-	-
2743.00	3762631.35	4473.10	-	-	-	-	-	-	-	-	-
2744.00	3766961.01	4329.66	-	-	-	-	-	-	-	-	-
2745.00	3771149.83	4188.82	-	-	-	-	-	-	-	-	-
2746.00	3775200.27	4050.44	-	-	-	-	-	-	-	-	-
2747.00	3779114.73	3914.46	-	-	-	-	-	-	-	-	-
2748.00	3782896.12	3781.39	-	-	-	-	-	-	-	-	-
2749.00	3786547.89	3651.78	-	-	-	-	-	-	-	-	-
2750.00	**3790088.16**	**3540.27**	**19905.82**	**79.60**	**159.20**	**51.05**	**119.91**	**177.00**	**118.35**	**186.19**	**162.00**
2751.00	3793551.27	3463.11	-	-	-	-	-	-	-	-	-
2752.00	3796938.90	3387.63	-	-	-	-	-	-	-	-	-

SONIC SURVEYS

CUSTOMER : Eagle US 2, LLC
DATE : March 16, 2023

CAVERN : PPG No. 007B
OPERATION No. : 5

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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 (°)
2753.00	3800252.72	3313.82	-	-	-	-	-	-	-	-	-
2754.00	3803494.39	3241.67	-	-	-	-	-	-	-	-	-
2755.00	3806665.54	3171.15	-	-	-	-	-	-	-	-	-
2756.00	3809767.84	3102.30	-	-	-	-	-	-	-	-	-
2757.00	3812802.99	3035.15	-	-	-	-	-	-	-	-	-
2758.00	3815772.75	2969.76	-	-	-	-	-	-	-	-	-
2759.00	3818678.55	2905.80	-	-	-	-	-	-	-	-	-
2760.00	**3821521.77**	**2843.23**	**16007.16**	**71.38**	**142.76**	**40.17**	**96.71**	**177.00**	**109.40**	**160.74**	**12.00**
2761.00	3824313.34	2791.57	-	-	-	-	-	-	-	-	-
2762.00	3827069.57	2756.23	-	-	-	-	-	-	-	-	-
2763.00	3829792.25	2722.68	-	-	-	-	-	-	-	-	-
2764.00	3832482.60	2690.35	-	-	-	-	-	-	-	-	-
2765.00	3835141.51	2658.91	-	-	-	-	-	-	-	-	-
2766.00	3837769.75	2628.24	-	-	-	-	-	-	-	-	-
2767.00	3840368.08	2598.33	-	-	-	-	-	-	-	-	-
2768.00	3842937.19	2569.11	-	-	-	-	-	-	-	-	-
2769.00	3845477.79	2540.60	-	-	-	-	-	-	-	-	-
2770.00	**3847998.23**	**2520.45**	**14153.65**	**67.12**	**134.24**	**39.30**	**86.54**	**222.00**	**104.82**	**148.56**	**24.00**
2771.00	3850513.57	2515.34	-	-	-	-	-	-	-	-	-
2772.00	3853025.69	2512.12	-	-	-	-	-	-	-	-	-
2773.00	3855535.70	2510.01	-	-	-	-	-	-	-	-	-
2774.00	3858043.95	2508.25	-	-	-	-	-	-	-	-	-
2775.00	3860550.82	2506.87	-	-	-	-	-	-	-	-	-
2776.00	3863056.74	2505.93	-	-	-	-	-	-	-	-	-
2777.00	3865562.12	2505.38	-	-	-	-	-	-	-	-	-
2778.00	3868067.78	2505.66	-	-	-	-	-	-	-	-	-
2779.00	3870574.49	2506.72	-	-	-	-	-	-	-	-	-
2780.00	**3873084.45**	**2509.96**	**14086.98**	**66.96**	**133.93**	**48.27**	**85.71**	**228.00**	**113.50**	**147.44**	**18.00**
2781.00	3875603.10	2518.64	-	-	-	-	-	-	-	-	-
2782.00	3878130.85	2527.75	-	-	-	-	-	-	-	-	-
2783.00	3880668.01	2537.16	-	-	-	-	-	-	-	-	-
2784.00	3883214.86	2546.85	-	-	-	-	-	-	-	-	-
2785.00	3885771.71	2556.84	-	-	-	-	-	-	-	-	-
2786.00	3888339.02	2567.31	-	-	-	-	-	-	-	-	-
2787.00	3890916.22	2577.21	-	-	-	-	-	-	-	-	-
2788.00	3893502.27	2586.05	-	-	-	-	-	-	-	-	-

SONIC SURVEYS

CUSTOMER : Eagle US 2, LLC
DATE : March 16, 2023

CAVERN : PPG No. 007B
OPERATION No. : 5

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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 (°)
2789.00	3896097.75	2595.48	-	-	-	-	-	-	-	-	-
2790.00	**3898702.17**	**2604.42**	**14617.50**	**68.21**	**136.42**	**53.69**	**88.48**	**228.00**	**121.37**	**143.68**	**66.00**
2791.00	3901311.45	2609.28	-	-	-	-	-	-	-	-	-
2792.00	3903927.16	2615.71	-	-	-	-	-	-	-	-	-
2793.00	3906551.18	2624.02	-	-	-	-	-	-	-	-	-
2794.00	3909183.42	2632.24	-	-	-	-	-	-	-	-	-
2795.00	3911825.03	2641.60	-	-	-	-	-	-	-	-	-
2796.00	3914476.82	2651.79	-	-	-	-	-	-	-	-	-
2797.00	3917139.83	2663.02	-	-	-	-	-	-	-	-	-
2798.00	3919814.70	2674.87	-	-	-	-	-	-	-	-	-
2799.00	3922501.75	2687.05	-	-	-	-	-	-	-	-	-
2800.00	**3925199.22**	**2697.48**	**15144.74**	**69.43**	**138.86**	**53.97**	**92.90**	**228.00**	**122.09**	**148.88**	**0.00**
2801.00	3927898.62	2699.40	-	-	-	-	-	-	-	-	-
2802.00	3930599.26	2700.64	-	-	-	-	-	-	-	-	-
2803.00	3933301.31	2702.05	-	-	-	-	-	-	-	-	-
2804.00	3936005.23	2703.93	-	-	-	-	-	-	-	-	-
2805.00	3938711.60	2706.37	-	-	-	-	-	-	-	-	-
2806.00	3941420.87	2709.26	-	-	-	-	-	-	-	-	-
2807.00	3944132.93	2712.06	-	-	-	-	-	-	-	-	-
2808.00	3946847.35	2714.42	-	-	-	-	-	-	-	-	-
2809.00	3949563.77	2716.42	-	-	-	-	-	-	-	-	-
2810.00	**3952282.19**	**2718.41**	**15258.75**	**69.69**	**139.38**	**53.73**	**94.04**	**228.00**	**123.00**	**148.92**	**48.00**
2811.00	3954999.12	2716.94	-	-	-	-	-	-	-	-	-
2812.00	3957712.63	2713.50	-	-	-	-	-	-	-	-	-
2813.00	3960422.90	2710.27	-	-	-	-	-	-	-	-	-
2814.00	3963130.35	2707.45	-	-	-	-	-	-	-	-	-
2815.00	3965835.85	2705.50	-	-	-	-	-	-	-	-	-
2816.00	3968540.42	2704.57	-	-	-	-	-	-	-	-	-
2817.00	3971245.24	2704.82	-	-	-	-	-	-	-	-	-
2818.00	3973952.18	2706.94	-	-	-	-	-	-	-	-	-
2819.00	3976661.77	2709.59	-	-	-	-	-	-	-	-	-
2820.00	**3979373.65**	**2711.89**	**15225.38**	**69.62**	**139.23**	**53.47**	**92.40**	**228.00**	**121.60**	**147.84**	**54.00**
2821.00	3982086.41	2712.76	-	-	-	-	-	-	-	-	-
2822.00	3984800.42	2714.01	-	-	-	-	-	-	-	-	-
2823.00	3987516.05	2715.63	-	-	-	-	-	-	-	-	-
2824.00	3990233.50	2717.44	-	-	-	-	-	-	-	-	-

SONIC SURVEYS

CUSTOMER : Eagle US 2, LLC
DATE : March 16, 2023

CAVERN : PPG No. 007B
OPERATION No. : 5

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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 (°)
2825.00	3992958.42	2724.93	-	-	-	-	-	-	-	-	-
2826.00	3995728.81	2770.39	-	-	-	-	-	-	-	-	-
2827.00	3998623.00	2894.19	-	-	-	-	-	-	-	-	-
2828.00	4001851.47	3228.46	-	-	-	-	-	-	-	-	-
2829.00	4005913.94	4062.47	-	-	-	-	-	-	-	-	-
2830.00	**4011288.63**	**5374.69**	**26155.03**	**91.24**	**182.49**	**55.17**	**238.98**	**192.00**	**123.32**	**326.65**	**3.00**
2831.00	4018596.76	7308.13	-	-	-	-	-	-	-	-	-
2832.00	4027820.88	9224.13	-	-	-	-	-	-	-	-	-
2833.00	4038681.98	10861.10	-	-	-	-	-	-	-	-	-
2834.00	4051046.73	12364.75	-	-	-	-	-	-	-	-	-
2835.00	4064924.46	13877.73	-	-	-	-	-	-	-	-	-
2836.00	4080159.07	15234.61	-	-	-	-	-	-	-	-	-
2837.00	4096576.96	16417.90	-	-	-	-	-	-	-	-	-
2838.00	4114225.17	17648.20	-	-	-	-	-	-	-	-	-
2839.00	4133081.95	18856.79	-	-	-	-	-	-	-	-	-
2840.00	**4153062.36**	**19980.41**	**111289.50**	**192.77**	**385.53**	**81.62**	**245.03**	**180.00**	**357.19**	**398.57**	**0.00**
2841.00	4173744.74	20682.38	-	-	-	-	-	-	-	-	-
2842.00	4194762.02	21017.28	-	-	-	-	-	-	-	-	-
2843.00	4215988.79	21226.77	-	-	-	-	-	-	-	-	-
2844.00	4237339.32	21350.53	-	-	-	-	-	-	-	-	-
2845.00	4258790.23	21450.91	-	-	-	-	-	-	-	-	-
2846.00	4280278.90	21488.67	-	-	-	-	-	-	-	-	-
2847.00	4301786.06	21507.17	-	-	-	-	-	-	-	-	-
2848.00	4323310.44	21524.37	-	-	-	-	-	-	-	-	-
2849.00	4344853.42	21542.98	-	-	-	-	-	-	-	-	-
2850.00	**4366412.97**	**21559.55**	**121063.26**	**196.30**	**392.61**	**148.37**	**250.49**	**198.00**	**365.39**	**401.73**	**0.00**
2851.00	4387965.32	21552.35	-	-	-	-	-	-	-	-	-
2852.00	4409511.17	21545.85	-	-	-	-	-	-	-	-	-
2853.00	4431053.02	21541.85	-	-	-	-	-	-	-	-	-
2854.00	4452592.94	21539.92	-	-	-	-	-	-	-	-	-
2855.00	4474130.92	21537.98	-	-	-	-	-	-	-	-	-
2856.00	4495671.44	21540.52	-	-	-	-	-	-	-	-	-
2857.00	4517211.12	21539.69	-	-	-	-	-	-	-	-	-
2858.00	4538749.45	21538.33	-	-	-	-	-	-	-	-	-
2859.00	4560287.80	21538.34	-	-	-	-	-	-	-	-	-
2860.00	**4581812.37**	**21524.57**	**120891.95**	**196.17**	**392.33**	**148.81**	**250.62**	**198.00**	**363.38**	**402.39**	**6.00**

SONIC SURVEYS

CUSTOMER : Eagle US 2, LLC
DATE : March 16, 2023

CAVERN : PPG No. 007B
OPERATION No. : 5

11

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 (°)
2861.00	4603284.43	21472.06	-	-	-	-	-	-	-	-	-
2862.00	4624705.79	21421.36	-	-	-	-	-	-	-	-	-
2863.00	4646078.64	21372.85	-	-	-	-	-	-	-	-	-
2864.00	4667406.17	21327.53	-	-	-	-	-	-	-	-	-
2865.00	4688691.59	21285.42	-	-	-	-	-	-	-	-	-
2866.00	4709937.88	21246.29	-	-	-	-	-	-	-	-	-
2867.00	4731145.98	21208.10	-	-	-	-	-	-	-	-	-
2868.00	4752315.05	21169.07	-	-	-	-	-	-	-	-	-
2869.00	4773445.70	21130.65	-	-	-	-	-	-	-	-	-
2870.00	**4794531.77**	**21086.08**	**118470.32**	**194.19**	**388.38**	**148.78**	**246.99**	**156.00**	**362.38**	**397.84**	**156.00**
2871.00	4815526.53	20994.76	-	-	-	-	-	-	-	-	-
2872.00	4836421.41	20894.87	-	-	-	-	-	-	-	-	-
2873.00	4857222.01	20800.61	-	-	-	-	-	-	-	-	-
2874.00	4877934.23	20712.22	-	-	-	-	-	-	-	-	-
2875.00	4898562.65	20628.42	-	-	-	-	-	-	-	-	-
2876.00	4919110.35	20547.70	-	-	-	-	-	-	-	-	-
2877.00	4939579.84	20469.48	-	-	-	-	-	-	-	-	-
2878.00	4959970.62	20390.78	-	-	-	-	-	-	-	-	-
2879.00	4980282.78	20312.17	-	-	-	-	-	-	-	-	-
2880.00	**5000521.46**	**20238.68**	**113679.19**	**190.22**	**380.45**	**143.92**	**239.80**	**180.00**	**349.16**	**394.36**	**60.00**
2881.00	5020703.34	20181.88	-	-	-	-	-	-	-	-	-
2882.00	5040829.21	20125.87	-	-	-	-	-	-	-	-	-
2883.00	5060898.37	20069.16	-	-	-	-	-	-	-	-	-
2884.00	5080911.18	20012.81	-	-	-	-	-	-	-	-	-
2885.00	5100870.92	19959.74	-	-	-	-	-	-	-	-	-
2886.00	5120780.89	19909.97	-	-	-	-	-	-	-	-	-
2887.00	5140643.14	19862.25	-	-	-	-	-	-	-	-	-
2888.00	5160457.90	19814.76	-	-	-	-	-	-	-	-	-
2889.00	5180227.51	19769.61	-	-	-	-	-	-	-	-	-
2890.00	**5199957.34**	**19729.83**	**110807.52**	**187.81**	**375.61**	**138.56**	**235.73**	**180.00**	**341.44**	**396.22**	**60.00**
2891.00	5219649.70	19692.36	-	-	-	-	-	-	-	-	-
2892.00	5239306.52	19656.82	-	-	-	-	-	-	-	-	-
2893.00	5258930.12	19623.60	-	-	-	-	-	-	-	-	-
2894.00	5278522.38	19592.26	-	-	-	-	-	-	-	-	-
2895.00	5298084.80	19562.42	-	-	-	-	-	-	-	-	-
2896.00	5317618.88	19534.08	-	-	-	-	-	-	-	-	-

SONIC SURVEYS

CUSTOMER : Eagle US 2, LLC
DATE : March 16, 2023

CAVERN : PPG No. 007B
OPERATION No. : 5

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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 (°)
2897.00	5337126.22	19507.33	-	-	-	-	-	-	-	-	-
2898.00	5356606.86	19480.64	-	-	-	-	-	-	-	-	-
2899.00	5376060.52	19453.67	-	-	-	-	-	-	-	-	-
2900.00	**5395486.50**	**19425.97**	**109100.07**	**186.35**	**372.71**	**135.40**	**235.24**	**234.00**	**336.31**	**395.57**	**66.00**
2901.00	5414881.75	19395.25	-	-	-	-	-	-	-	-	-
2902.00	5434238.37	19356.62	-	-	-	-	-	-	-	-	-
2903.00	5453557.02	19318.65	-	-	-	-	-	-	-	-	-
2904.00	5472838.71	19281.70	-	-	-	-	-	-	-	-	-
2905.00	5492082.66	19243.95	-	-	-	-	-	-	-	-	-
2906.00	5511289.07	19206.41	-	-	-	-	-	-	-	-	-
2907.00	5530458.52	19169.44	-	-	-	-	-	-	-	-	-
2908.00	5549591.72	19133.20	-	-	-	-	-	-	-	-	-
2909.00	5568689.51	19097.79	-	-	-	-	-	-	-	-	-
2910.00	**5587754.57**	**19065.06**	**107062.36**	**184.61**	**369.21**	**131.98**	**236.93**	**234.00**	**336.89**	**397.33**	**54.00**
2911.00	5606793.53	19038.96	-	-	-	-	-	-	-	-	-
2912.00	5625807.14	19013.61	-	-	-	-	-	-	-	-	-
2913.00	5644795.25	18988.11	-	-	-	-	-	-	-	-	-
2914.00	5663758.03	18962.78	-	-	-	-	-	-	-	-	-
2915.00	5682695.49	18937.46	-	-	-	-	-	-	-	-	-
2916.00	5701607.76	18912.27	-	-	-	-	-	-	-	-	-
2917.00	5720495.50	18887.74	-	-	-	-	-	-	-	-	-
2918.00	5739359.59	18864.09	-	-	-	-	-	-	-	-	-
2919.00	5758200.66	18841.07	-	-	-	-	-	-	-	-	-
2920.00	**5777013.21**	**18812.55**	**105677.09**	**183.41**	**366.81**	**129.82**	**237.32**	**234.00**	**333.10**	**401.48**	**54.00**
2921.00	5795761.90	18748.69	-	-	-	-	-	-	-	-	-
2922.00	5814442.02	18680.11	-	-	-	-	-	-	-	-	-
2923.00	5833054.92	18612.90	-	-	-	-	-	-	-	-	-
2924.00	5851600.77	18545.85	-	-	-	-	-	-	-	-	-
2925.00	5870079.05	18478.27	-	-	-	-	-	-	-	-	-
2926.00	5888491.05	18412.01	-	-	-	-	-	-	-	-	-
2927.00	5906838.09	18347.04	-	-	-	-	-	-	-	-	-
2928.00	5925120.59	18282.50	-	-	-	-	-	-	-	-	-
2929.00	5943339.27	18218.68	-	-	-	-	-	-	-	-	-
2930.00	**5961494.65**	**18155.38**	**101999.82**	**180.19**	**360.38**	**127.60**	**235.89**	**234.00**	**320.46**	**398.66**	**54.00**
2931.00	5979583.54	18088.89	-	-	-	-	-	-	-	-	-
2932.00	5997606.52	18022.98	-	-	-	-	-	-	-	-	-

SONIC SURVEYS

CUSTOMER : Eagle US 2, LLC
DATE : March 16, 2023

CAVERN : PPG No. 007B
OPERATION No. : 5

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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 (°)
2933.00	6015565.33	17958.81	-	-	-	-	-	-	-	-	-
2934.00	6033460.52	17895.19	-	-	-	-	-	-	-	-	-
2935.00	6051292.48	17831.97	-	-	-	-	-	-	-	-	-
2936.00	6069063.35	17770.87	-	-	-	-	-	-	-	-	-
2937.00	6086775.51	17712.16	-	-	-	-	-	-	-	-	-
2938.00	6104431.58	17656.07	-	-	-	-	-	-	-	-	-
2939.00	6122035.30	17603.72	-	-	-	-	-	-	-	-	-
2940.00	**6139595.75**	**17560.45**	**98600.31**	**177.16**	**354.32**	**122.00**	**236.46**	**234.00**	**302.99**	**399.51**	**54.00**
2941.00	6157131.78	17536.04	-	-	-	-	-	-	-	-	-
2942.00	6174645.59	17513.80	-	-	-	-	-	-	-	-	-
2943.00	6192136.40	17490.81	-	-	-	-	-	-	-	-	-
2944.00	6209605.28	17468.88	-	-	-	-	-	-	-	-	-
2945.00	6227053.42	17448.14	-	-	-	-	-	-	-	-	-
2946.00	6244482.19	17428.77	-	-	-	-	-	-	-	-	-
2947.00	6261896.41	17414.23	-	-	-	-	-	-	-	-	-
2948.00	6279299.30	17402.89	-	-	-	-	-	-	-	-	-
2949.00	6296693.17	17393.87	-	-	-	-	-	-	-	-	-
2950.00	**6314076.41**	**17383.24**	**97631.95**	**176.29**	**352.57**	**115.22**	**238.77**	**228.00**	**302.27**	**398.36**	**54.00**
2951.00	6331437.28	17360.86	-	-	-	-	-	-	-	-	-
2952.00	6348779.51	17342.24	-	-	-	-	-	-	-	-	-
2953.00	6366109.03	17329.52	-	-	-	-	-	-	-	-	-
2954.00	6383430.30	17321.27	-	-	-	-	-	-	-	-	-
2955.00	6400746.04	17315.74	-	-	-	-	-	-	-	-	-
2956.00	6418059.43	17313.38	-	-	-	-	-	-	-	-	-
2957.00	6435379.56	17320.13	-	-	-	-	-	-	-	-	-
2958.00	6452708.51	17328.95	-	-	-	-	-	-	-	-	-
2959.00	6470048.28	17339.77	-	-	-	-	-	-	-	-	-
2960.00	**6487403.16**	**17354.88**	**97420.80**	**176.10**	**352.19**	**117.39**	**241.08**	**234.00**	**299.72**	**405.00**	**54.00**
2961.00	6504758.43	17355.26	-	-	-	-	-	-	-	-	-
2962.00	6522115.04	17356.62	-	-	-	-	-	-	-	-	-
2963.00	6539474.69	17359.64	-	-	-	-	-	-	-	-	-
2964.00	6556838.32	17363.64	-	-	-	-	-	-	-	-	-
2965.00	6574209.97	17371.65	-	-	-	-	-	-	-	-	-
2966.00	6591597.66	17387.69	-	-	-	-	-	-	-	-	-
2967.00	6609005.81	17408.15	-	-	-	-	-	-	-	-	-
2968.00	6626439.44	17433.63	-	-	-	-	-	-	-	-	-

SONIC SURVEYS

CUSTOMER : Eagle US 2, LLC
DATE : March 16, 2023

CAVERN : PPG No. 007B
OPERATION No. : 5

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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 (°)
2969.00	6643902.38	17462.94	-	-	-	-	-	-	-	-	-
2970.00	**6661398.72**	**17496.34**	**98229.61**	**176.83**	**353.65**	**124.34**	**241.66**	**228.00**	**302.79**	**405.23**	**54.00**
2971.00	6678915.37	17516.65	-	-	-	-	-	-	-	-	-
2972.00	6696454.25	17538.88	-	-	-	-	-	-	-	-	-
2973.00	6714018.05	17563.79	-	-	-	-	-	-	-	-	-
2974.00	6731610.40	17592.36	-	-	-	-	-	-	-	-	-
2975.00	6749235.47	17625.07	-	-	-	-	-	-	-	-	-
2976.00	6766898.84	17663.37	-	-	-	-	-	-	-	-	-
2977.00	6784606.40	17707.55	-	-	-	-	-	-	-	-	-
2978.00	6802363.04	17756.64	-	-	-	-	-	-	-	-	-
2979.00	6820176.14	17813.10	-	-	-	-	-	-	-	-	-
2980.00	**6838046.88**	**17870.74**	**100312.02**	**178.69**	**357.38**	**130.41**	**242.82**	**228.00**	**309.94**	**407.03**	**54.00**
2981.00	6855953.18	17906.30	-	-	-	-	-	-	-	-	-
2982.00	6873894.18	17941.00	-	-	-	-	-	-	-	-	-
2983.00	6891872.25	17978.07	-	-	-	-	-	-	-	-	-
2984.00	6909889.08	18016.84	-	-	-	-	-	-	-	-	-
2985.00	6927945.08	18056.00	-	-	-	-	-	-	-	-	-
2986.00	6946042.52	18097.44	-	-	-	-	-	-	-	-	-
2987.00	6964182.55	18140.03	-	-	-	-	-	-	-	-	-
2988.00	6982362.04	18179.49	-	-	-	-	-	-	-	-	-
2989.00	7000578.17	18216.13	-	-	-	-	-	-	-	-	-
2990.00	**7018824.25**	**18246.07**	**102616.46**	**180.73**	**361.46**	**139.70**	**242.54**	**234.00**	**320.25**	**408.19**	**54.00**
2991.00	7037081.15	18256.91	-	-	-	-	-	-	-	-	-
2992.00	7055356.19	18275.03	-	-	-	-	-	-	-	-	-
2993.00	7073660.99	18304.81	-	-	-	-	-	-	-	-	-
2994.00	7092003.81	18342.82	-	-	-	-	-	-	-	-	-
2995.00	7110388.98	18385.17	-	-	-	-	-	-	-	-	-
2996.00	7128820.26	18431.28	-	-	-	-	-	-	-	-	-
2997.00	7147294.13	18473.87	-	-	-	-	-	-	-	-	-
2998.00	7165812.74	18518.61	-	-	-	-	-	-	-	-	-
2999.00	7184371.22	18558.47	-	-	-	-	-	-	-	-	-
3000.00	**7202952.94**	**18581.73**	**104174.82**	**182.10**	**364.20**	**141.94**	**244.84**	**234.00**	**326.39**	**410.21**	**54.00**
3001.00	7221573.48	18620.54	-	-	-	-	-	-	-	-	-
3002.00	7240236.38	18662.90	-	-	-	-	-	-	-	-	-
3003.00	7258948.77	18712.40	-	-	-	-	-	-	-	-	-
3004.00	7277724.48	18775.70	-	-	-	-	-	-	-	-	-

SONIC SURVEYS

CUSTOMER : Eagle US 2, LLC
DATE : March 16, 2023

CAVERN : PPG No. 007B
OPERATION No. : 5

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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 (°)
3005.00	7296560.82	18836.35	-	-	-	-	-	-	-	-	-
3006.00	7315448.17	18887.35	-	-	-	-	-	-	-	-	-
3007.00	7334399.79	18951.62	-	-	-	-	-	-	-	-	-
3008.00	7353423.99	19024.20	-	-	-	-	-	-	-	-	-
3009.00	7372525.26	19101.27	-	-	-	-	-	-	-	-	-
3010.00	**7391846.44**	**19321.18**	**107967.03**	**185.38**	**370.77**	**133.99**	**244.27**	**234.00**	**320.74**	**417.91**	**132.00**
3011.00	7411393.46	19547.02	-	-	-	-	-	-	-	-	-
3012.00	7431109.16	19715.70	-	-	-	-	-	-	-	-	-
3013.00	7450990.06	19880.89	-	-	-	-	-	-	-	-	-
3014.00	7471035.64	20045.58	-	-	-	-	-	-	-	-	-
3015.00	7491241.04	20205.40	-	-	-	-	-	-	-	-	-
3016.00	7511608.56	20367.52	-	-	-	-	-	-	-	-	-
3017.00	7532131.03	20522.47	-	-	-	-	-	-	-	-	-
3018.00	7552801.36	20670.33	-	-	-	-	-	-	-	-	-
3019.00	7573619.08	20817.72	-	-	-	-	-	-	-	-	-
3020.00	**7594582.00**	**20962.91**	**117329.12**	**193.25**	**386.51**	**106.09**	**245.73**	**234.00**	**325.50**	**435.36**	**132.00**
3021.00	7615672.30	21090.30	-	-	-	-	-	-	-	-	-
3022.00	7636899.64	21227.34	-	-	-	-	-	-	-	-	-
3023.00	7658393.18	21493.54	-	-	-	-	-	-	-	-	-
3024.00	7680337.41	21944.23	-	-	-	-	-	-	-	-	-
3025.00	7702884.89	22547.47	-	-	-	-	-	-	-	-	-
3026.00	7725969.35	23084.46	-	-	-	-	-	-	-	-	-
3027.00	7749534.22	23564.87	-	-	-	-	-	-	-	-	-
3028.00	7773575.32	24041.10	-	-	-	-	-	-	-	-	-
3029.00	7798116.59	24541.28	-	-	-	-	-	-	-	-	-
3030.00	**7823424.58**	**25307.99**	**138625.76**	**210.07**	**420.13**	**72.27**	**301.01**	**147.00**	**311.60**	**489.50**	**147.00**
3031.00	7849730.94	26306.36	-	-	-	-	-	-	-	-	-
3032.00	7876819.47	27088.52	-	-	-	-	-	-	-	-	-
3033.00	7904689.29	27869.83	-	-	-	-	-	-	-	-	-
3034.00	7933416.99	28727.70	-	-	-	-	-	-	-	-	-
3035.00	7963163.46	29746.46	-	-	-	-	-	-	-	-	-
3036.00	7993682.35	30518.89	-	-	-	-	-	-	-	-	-
3037.00	8024726.89	31044.54	-	-	-	-	-	-	-	-	-
3038.00	8056073.92	31347.03	-	-	-	-	-	-	-	-	-
3039.00	8087575.59	31501.67	-	-	-	-	-	-	-	-	-
3040.00	**8119166.44**	**31590.85**	**177463.05**	**237.67**	**475.35**	**54.66**	**317.31**	**198.00**	**337.70**	**520.44**	**132.00**

SONIC SURVEYS

CUSTOMER : Eagle US 2, LLC
DATE : March 16, 2023

CAVERN : PPG No. 007B
OPERATION No. : 5

16

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 (°)
3041.00	8150738.88	31572.44	-	-	-	-	-	-	-	-	-
3042.00	8182287.87	31548.99	-	-	-	-	-	-	-	-	-
3043.00	8213805.19	31517.32	-	-	-	-	-	-	-	-	-
3044.00	8245284.62	31479.42	-	-	-	-	-	-	-	-	-
3045.00	8276697.45	31412.83	-	-	-	-	-	-	-	-	-
3046.00	8308035.46	31338.02	-	-	-	-	-	-	-	-	-
3047.00	8339325.34	31289.88	-	-	-	-	-	-	-	-	-
3048.00	8370565.61	31240.26	-	-	-	-	-	-	-	-	-
3049.00	8401744.53	31178.92	-	-	-	-	-	-	-	-	-
3050.00	**8432831.09**	**31086.56**	**174922.63**	**236.77**	**473.54**	**51.00**	**320.38**	**198.00**	**341.84**	**523.02**	**132.00**
3051.00	8463784.79	30953.70	-	-	-	-	-	-	-	-	-
3052.00	8494631.22	30846.44	-	-	-	-	-	-	-	-	-
3053.00	8525376.23	30745.00	-	-	-	-	-	-	-	-	-
3054.00	8555928.86	30552.63	-	-	-	-	-	-	-	-	-
3055.00	8585883.66	29954.81	-	-	-	-	-	-	-	-	-
3056.00	8615644.08	29760.41	-	-	-	-	-	-	-	-	-
3057.00	8645324.75	29680.67	-	-	-	-	-	-	-	-	-
3058.00	8674949.19	29624.45	-	-	-	-	-	-	-	-	-
3059.00	8704535.04	29585.84	-	-	-	-	-	-	-	-	-
3060.00	**8734075.40**	**29540.36**	**165951.32**	**229.83**	**459.67**	**46.43**	**324.56**	**204.00**	**345.80**	**532.83**	**24.00**
3061.00	8763544.42	29469.02	-	-	-	-	-	-	-	-	-
3062.00	8792947.57	29403.16	-	-	-	-	-	-	-	-	-
3063.00	8822281.03	29333.46	-	-	-	-	-	-	-	-	-
3064.00	8851493.17	29212.14	-	-	-	-	-	-	-	-	-
3065.00	8880568.19	29075.02	-	-	-	-	-	-	-	-	-
3066.00	8909518.59	28950.40	-	-	-	-	-	-	-	-	-
3067.00	8938350.35	28831.76	-	-	-	-	-	-	-	-	-
3068.00	8967070.23	28719.87	-	-	-	-	-	-	-	-	-
3069.00	8995678.48	28608.25	-	-	-	-	-	-	-	-	-
3070.00	**9024163.90**	**28485.42**	**159768.29**	**225.51**	**451.02**	**45.30**	**326.67**	**198.00**	**345.49**	**539.53**	**30.00**
3071.00	9052504.75	28340.85	-	-	-	-	-	-	-	-	-
3072.00	9080719.44	28214.69	-	-	-	-	-	-	-	-	-
3073.00	9108787.58	28068.13	-	-	-	-	-	-	-	-	-
3074.00	9136702.60	27915.02	-	-	-	-	-	-	-	-	-
3075.00	9164455.03	27752.43	-	-	-	-	-	-	-	-	-
3076.00	9192036.45	27581.42	-	-	-	-	-	-	-	-	-

SONIC SURVEYS

CUSTOMER : Eagle US 2, LLC
DATE : March 16, 2023

CAVERN : PPG No. 007B
OPERATION No. : 5

17

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 (°)
3077.00	9219460.61	27424.16	-	-	-	-	-	-	-	-	-
3078.00	9246734.35	27273.73	-	-	-	-	-	-	-	-	-
3079.00	9273853.95	27119.60	-	-	-	-	-	-	-	-	-
3080.00	**9300765.78**	**26911.84**	**151362.62**	**219.50**	**439.00**	**38.60**	**326.33**	**198.00**	**229.06**	**541.71**	**30.00**
3081.00	9327446.15	26680.37	-	-	-	-	-	-	-	-	-
3082.00	9353880.77	26434.62	-	-	-	-	-	-	-	-	-
3083.00	9380045.59	26164.81	-	-	-	-	-	-	-	-	-
3084.00	9405893.91	25848.32	-	-	-	-	-	-	-	-	-
3085.00	9431376.38	25482.47	-	-	-	-	-	-	-	-	-
3086.00	9456418.38	25042.00	-	-	-	-	-	-	-	-	-
3087.00	9480951.26	24532.87	-	-	-	-	-	-	-	-	-
3088.00	9504893.72	23942.46	-	-	-	-	-	-	-	-	-
3089.00	9528218.31	23324.59	-	-	-	-	-	-	-	-	-
3090.00	**9550892.39**	**22674.08**	**127273.37**	**201.43**	**402.85**	**27.31**	**321.85**	**198.00**	**137.06**	**532.29**	**18.00**
3091.00	9572786.98	21894.59	-	-	-	-	-	-	-	-	-
3092.00	9593912.18	21125.20	-	-	-	-	-	-	-	-	-
3093.00	9614320.98	20408.80	-	-	-	-	-	-	-	-	-
3094.00	9634112.41	19791.43	-	-	-	-	-	-	-	-	-
3095.00	9653307.39	19194.98	-	-	-	-	-	-	-	-	-
3096.00	9671938.44	18631.05	-	-	-	-	-	-	-	-	-
3097.00	9690017.01	18078.57	-	-	-	-	-	-	-	-	-
3098.00	9707530.53	17513.53	-	-	-	-	-	-	-	-	-
3099.00	9724392.25	16861.72	-	-	-	-	-	-	-	-	-
3100.00	**9740590.36**	**16198.10**	**93116.54**	**172.85**	**345.70**	**1.85**	**310.62**	**144.00**	**55.39**	**507.82**	**144.00**
3101.00	9756105.62	15515.26	-	-	-	-	-	-	-	-	-
3102.00	9770925.13	14819.52	-	-	-	-	-	-	-	-	-
3103.00	9785027.08	14101.95	-	-	-	-	-	-	-	-	-
3104.00	9798397.39	13370.31	-	-	-	-	-	-	-	-	-
3105.00	9811088.47	12691.08	-	-	-	-	-	-	-	-	-
3106.00	9823140.19	12051.72	-	-	-	-	-	-	-	-	-
3107.00	9834612.49	11472.30	-	-	-	-	-	-	-	-	-
3108.00	9845522.41	10909.93	-	-	-	-	-	-	-	-	-
3109.00	9855934.39	10411.98	-	-	-	-	-	-	-	-	-
3110.00	**9865896.18**	**9961.79**	**57239.76**	**134.98**	**269.96**	**61.60**	**300.44**	**156.00**	**-**	**-**	**-**
3111.00	9875432.30	9536.12	-	-	-	-	-	-	-	-	-
3112.00	9884563.15	9130.85	-	-	-	-	-	-	-	-	-

SONIC SURVEYS

CUSTOMER : Eagle US 2, LLC
DATE : March 16, 2023

CAVERN : PPG No. 007B
OPERATION No. : 5

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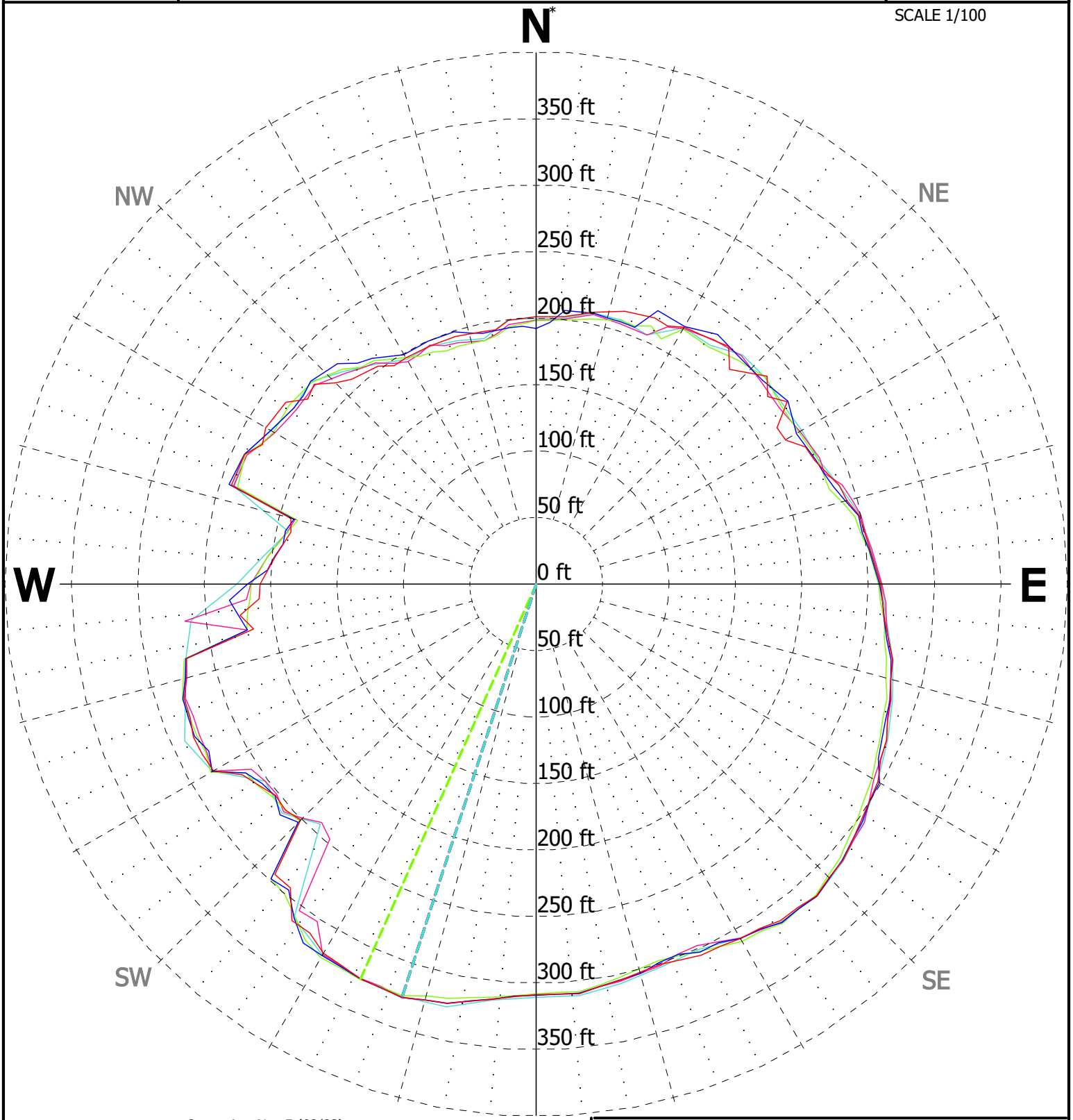
MAIN CHARACTERISTICS DATASHEET

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 (°)
3113.00	9893298.62	8735.48	-	-	-	-	-	-	-	-	-
3114.00	9901647.58	8348.96	-	-	-	-	-	-	-	-	-
3115.00	9909644.21	7996.63	-	-	-	-	-	-	-	-	-
3116.00	9917296.20	7651.99	-	-	-	-	-	-	-	-	-
3117.00	9924595.17	7298.97	-	-	-	-	-	-	-	-	-
3118.00	9931526.07	6930.90	-	-	-	-	-	-	-	-	-
3119.00	9938081.05	6554.98	-	-	-	-	-	-	-	-	-
3120.00	**9944270.30**	**6189.24**	**34868.00**	**105.35**	**210.70**	**78.53**	**290.40**	**156.00**	**-**	**-**	**-**
3121.00	9950125.57	5855.27	-	-	-	-	-	-	-	-	-
3122.00	9955671.42	5545.85	-	-	-	-	-	-	-	-	-
3123.00	9960917.02	5245.60	-	-	-	-	-	-	-	-	-
3124.00	9965851.61	4934.60	-	-	-	-	-	-	-	-	-
3125.00	9970473.72	4622.10	-	-	-	-	-	-	-	-	-
3126.00	9974747.57	4273.85	-	-	-	-	-	-	-	-	-
3127.00	9978679.27	3931.70	-	-	-	-	-	-	-	-	-
3128.00	9982239.40	3560.13	-	-	-	-	-	-	-	-	-
3129.00	9985367.88	3128.47	-	-	-	-	-	-	-	-	-
3130.00	**9988015.55**	**2647.67**	**15083.18**	**69.29**	**138.58**	**114.19**	**263.97**	**156.00**	**-**	**-**	**-**
3131.00	9990236.89	2221.34	-	-	-	-	-	-	-	-	-
3132.00	9991905.07	1668.18	-	-	-	-	-	-	-	-	-
3133.00	9992950.95	1045.87	-	-	-	-	-	-	-	-	-
3134.00	9993603.69	652.75	-	-	-	-	-	-	-	-	-
3135.00	9993977.05	373.36	-	-	-	-	-	-	-	-	-
3136.00	9994178.73	201.68	-	-	-	-	-	-	-	-	-
3137.00	9994298.59	119.86	-	-	-	-	-	-	-	-	-
3138.00	9994364.00	65.41	-	-	-	-	-	-	-	-	-
3139.00	9994395.05	31.05	-	-	-	-	-	-	-	-	-
3140.00	**9994405.85**	**10.79**	**42.94**	**3.70**	**7.39**	**191.62**	**198.51**	**156.00**	**-**	**-**	**-**
3141.00	9994407.17	1.32	-	-	-	-	-	-	-	-	-
3142.00	9994407.17	0.00	-	-	-	-	-	-	-	-	-

CUSTOMER : Eagle US 2, LLC	CAVERN : PPG No. 007B	
DATE : March 16, 2023	OPERATION No. : 5	

MAXIMUM EXTENSION

SCALE 1/100



Operation No. 5 (03/23)
Operation No. 4 (02/23)
Operation No. 3 (01/23)
Operation No. 2 (11/22)
Operation No. 1 (03/22)

Maximum radius	: 326.68 ft
Orientation maxi. radius*	: N198
Depth maxi. radius (MD)	: 3070.01 ft
Surface	: 208637.13 ft²
Max distance between points	: 550.48 ft

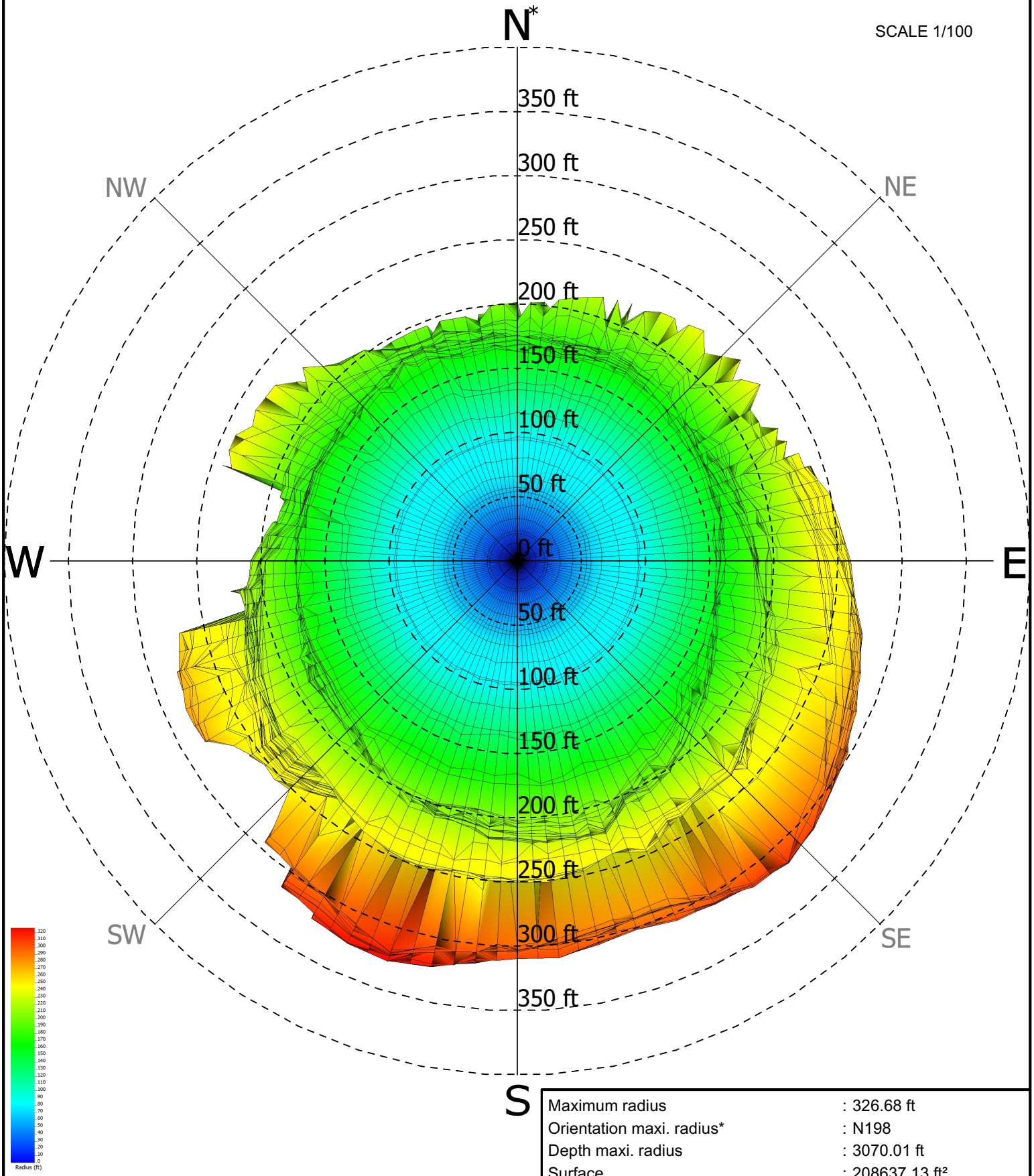
*All sections are oriented to Magnetic North.

Magnetic Declination= 0.8°

CUSTOMER	: Eagle US 2, LLC	CAVERN	: PPG No. 007B
DATE	: March 16, 2023	OPERATION No.	: 5

SONIC SURVEYS

VIEW FROM ABOVE



Maximum radius	: 326.68 ft
Orientation maxi. radius*	: N198
Depth maxi. radius	: 3070.01 ft
Surface	: 208637.13 ft²
Max distance between points	: 550.48 ft

*All sections are oriented to Magnetic North.

Magnetic Declination= 0.8°

SONIC SURVEYS

CUSTOMER : Eagle US 2, LLC
DATE : March 16, 2023
CAVERN :PPG No. 007B
OPERATION No. :5

WALL RANGE VS BEARING

Bearing	0.0	3.0	6.0	9.0
0	418.4: 2920.14	418.4: 2920.14	428.8: 2920.14	428.8: 2920.14
12	428.8: 2920.14	428.4: 2920.14	428.2: 2920.14	428.8: 2920.14
24	429.5: 2920.14	427.1: 2920.14	424.9: 2920.14	426.8: 2920.14
36	428.8: 2920.14	428.8: 2920.14	428.8: 2920.14	427.5: 2920.14
48	426.2: 2920.14	417.4: 2920.14	416.5: 2920.14	416.8: 2920.14
60	417.1: 2920.14	416.8: 2920.14	416.5: 2920.14	417.1: 2920.14
72	430.1: 2920.14	429.1: 2920.14	428.2: 2920.14	428.8: 2920.14
84	429.5: 2920.14	429.1: 2920.14	428.8: 2920.14	428.1: 2920.14
96	427.5: 2920.14	428.1: 2920.14	428.8: 2920.14	427.8: 2920.14
108	426.9: 2920.14	426.2: 2920.14	425.6: 2920.14	427.8: 2920.14
120	430.1: 2920.14	429.4: 2920.14	428.8: 2920.14	426.8: 2920.14
132	424.9: 2920.14	425.8: 2920.14	426.9: 2920.14	427.5: 2920.14
144	428.2: 2920.14	427.5: 2920.14	441.2: 2920.14	440.9: 2920.14
156	440.7: 2920.14	440.2: 2920.14	439.9: 2920.14	440.1: 2920.14
168	440.5: 2920.14	439.8: 2920.14	439.2: 2920.14	441.4: 2920.14
180	443.8: 2920.14	442.4: 2920.14	441.2: 2920.14	441.1: 2920.14
192	441.2: 2920.14	440.1: 2920.14	439.2: 2920.14	440.1: 2920.14
204	441.2: 2920.14	441.1: 2920.14	441.2: 2920.14	440.4: 2920.14
216	439.9: 2920.14	439.1: 2920.14	438.6: 2920.14	438.8: 2920.14
228	439.2: 2920.14	439.1: 2920.14	439.2: 2920.14	437.5: 2920.14
240	436.0: 2920.14	427.1: 2920.14	424.9: 2920.14	425.8: 2920.14
252	426.9: 2920.14	427.5: 2920.14	428.2: 2920.14	427.1: 2920.14
264	426.2: 2920.14	428.1: 2920.14	430.1: 2920.14	416.1: 2920.14
276	416.5: 2920.14	417.4: 2920.14	418.4: 2920.14	417.8: 2920.14
288	417.1: 2920.14	416.8: 2920.14	416.5: 2920.14	416.5: 2920.14
300	416.5: 2920.14	417.1: 2920.14	417.8: 2920.14	416.8: 2920.14
312	415.8: 2920.14	416.1: 2920.14	416.5: 2920.14	416.1: 2920.14
324	415.8: 2920.14	416.8: 2920.14	417.8: 2920.14	417.8: 2920.14
336	417.8: 2920.14	418.1: 2920.14	418.4: 2920.14	418.4: 2920.14
348	418.4: 2920.14	418.7: 2920.14	419.1: 2920.14	418.7: 2920.14

SONIC SURVEYS

CUSTOMER : Eagle US 2, LLC
DATE : March 16, 2023

CAVERN : PPG No. 007B
OPERATION No. : 5

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

DEPTH	TILT	N	NE	E	SE	S	SW	W	NW
2501.0	0	0.56	0.56	0.56	0.56	0.56	0.56	0.56	0.56
2503.0	0	0.56	0.56	0.56	0.56	0.56	0.56	0.56	0.56
2505.0	0	0.56	0.56	0.56	0.56	0.56	0.56	0.56	0.56
2506.9	0	0.58	0.58	0.58	0.58	0.58	0.58	0.58	0.58
2510.1	0	0.58	0.58	0.58	0.58	0.58	0.58	0.58	0.58
2514.0	0	0.58	0.58	0.58	0.58	0.58	0.58	0.58	0.58
2515.9	0	162.90	164.40	154.79	172.79	202.31	172.66	167.83	169.47
2518.0	0	167.75	162.31	154.72	170.85	203.96	179.49	171.81	168.53
2520.1	0	165.72	162.46	157.54	175.65	203.09	176.62	171.81	168.10
2530.0	0	172.39	165.64	158.25	180.89	206.56	184.01	172.96	170.56
2540.0	0	175.28	171.11	161.96	185.45	209.75	180.89	171.81	173.59
2550.0	0	174.12	167.52	161.38	188.57	211.78	181.08	172.96	173.74
2559.9	0	172.68	170.62	161.09	182.10	213.22	181.89	172.10	173.59
2570.0	0	172.19	172.06	160.89	182.96	215.08	183.53	173.35	173.69
2579.6	0	173.25	169.83	161.09	192.65	207.14	185.65	173.25	173.31
2590.1	0	173.64	170.51	158.86	178.52	217.40	184.25	170.16	172.68
2600.0	0	170.74	166.89	159.15	180.92	215.95	187.39	170.45	171.37
2604.9	0	173.06	168.91	159.44	184.29	215.08	184.40	172.48	170.94
2610.6	0	175.92	168.17	158.60	183.85	216.71	187.01	168.99	171.07
2615.1	0	171.70	166.25	158.94	187.24	214.90	184.34	169.96	170.88
2615.1	12	175.58	171.88	164.03	193.14	219.17	188.45	176.44	175.05
2615.1	17	180.20	174.77	168.36	195.62	220.90	190.63	179.04	180.09
2615.1	22	183.95	180.41	173.56	199.33	222.63	196.56	183.95	185.75
2615.1	27	188.86	184.17	177.60	200.43	226.38	201.04	191.45	190.66
2615.1	32	192.03	188.51	180.77	200.83	194.34	202.21	196.07	195.44
2615.1	37	174.13	172.25	170.38	171.81	172.69	173.83	170.67	172.97
2615.1	42	154.50	152.79	154.50	152.08	153.92	154.24	155.37	153.81
2615.1	47	141.51	139.54	137.47	139.96	138.91	139.97	140.93	139.11
2615.1	52	129.68	129.32	128.81	129.89	127.65	128.74	130.83	128.59
2615.1	57	121.01	121.54	119.86	121.11	120.73	121.54	120.15	122.11
2615.1	62	113.22	113.62	115.24	115.06	115.24	114.48	115.24	115.20
2615.1	67	109.47	109.88	110.33	110.16	109.76	109.73	110.62	110.17
2615.1	72	106.29	105.70	107.45	106.28	107.45	106.86	107.16	106.71
2615.1	77	103.98	103.54	103.98	103.97	105.43	104.84	104.56	104.12
2615.1	82	101.96	102.97	102.25	102.54	102.25	102.10	101.96	101.96
2615.1	87	101.38	101.10	100.81	100.81	100.81	100.81	101.10	101.10
2615.1	89	101.10	100.95	101.38	100.81	100.81	101.09	101.38	101.38
2619.9	0	171.73	166.16	158.75	187.82	213.85	184.46	169.71	171.49

SONIC SURVEYS

CUSTOMER : Eagle US 2, LLC
DATE : March 16, 2023

CAVERN : PPG No. 007B
OPERATION No. : 5

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

DEPTH	TILT	N	NE	E	SE	S	SW	W	NW
2629.9	0	171.73	165.58	159.03	187.49	212.70	184.45	170.86	171.20
2639.9	0	170.67	167.69	158.54	187.63	213.39	184.85	169.80	171.15
2650.0	0	171.53	167.11	159.12	186.22	213.68	184.56	169.51	170.58
2659.9	0	170.96	166.54	158.26	185.43	213.39	183.83	169.51	171.30
2669.9	0	169.90	166.05	158.08	184.48	213.74	180.73	170.19	170.39
2680.0	0	169.90	165.92	158.37	184.86	213.45	180.27	169.62	171.11
2692.1	0	158.95	164.75	157.22	185.28	212.29	180.16	151.45	163.76
2700.2	0	144.24	159.92	157.79	172.92	192.97	171.23	141.07	150.48
2710.0	0	124.05	136.91	156.93	159.98	169.33	157.29	139.63	135.60
2720.0	0	99.83	120.25	149.72	137.13	161.25	140.48	120.59	119.16
2729.8	0	80.72	104.24	135.59	118.87	151.45	120.87	101.85	94.18
2739.9	0	70.99	87.52	79.65	108.53	130.69	99.23	85.99	74.06
2749.8	0	67.84	63.45	72.17	81.13	114.57	94.24	71.88	59.19
2760.8	0	55.71	60.10	69.55	67.43	95.22	87.88	62.92	45.01
2769.8	0	59.75	57.48	66.09	64.69	84.84	86.16	63.50	45.14
2780.0	0	60.04	57.07	66.09	64.38	79.93	85.44	63.78	49.57
2790.2	0	61.48	53.62	65.52	67.30	81.09	87.44	67.82	54.48
2800.0	0	60.61	54.34	65.80	67.15	88.30	91.47	64.94	55.34
2810.3	0	58.63	54.22	63.82	68.49	88.34	93.11	67.28	55.21
2820.1	0	59.78	53.79	64.97	67.91	87.77	91.24	68.15	54.64
2825.1	0	60.07	54.37	63.53	67.77	87.77	91.82	68.44	54.63
2830.1	0	92.40	69.78	64.69	68.05	88.06	92.25	69.88	56.66
2835.0	0	103.35	76.10	78.82	68.34	87.19	92.69	70.74	160.53
2840.1	0	153.55	84.72	84.88	125.96	87.48	93.83	187.89	160.82
2845.3	0	153.26	149.58	101.33	143.25	95.56	132.32	196.25	161.54
2850.0	0	152.40	152.17	185.29	235.01	249.34	226.78	187.31	162.99
2855.3	0	152.40	152.32	185.58	233.01	247.32	223.06	187.02	163.28
2859.9	0	153.14	152.78	186.36	232.83	249.04	223.31	187.23	163.60
2870.2	0	151.70	153.77	185.49	225.31	242.97	224.30	181.16	159.28
2880.0	0	143.90	153.50	186.07	214.51	239.80	221.64	171.63	155.80
2890.6	0	138.99	152.79	188.09	212.34	235.46	223.47	171.34	149.77
2901.0	-63	167.33	174.80	231.78	256.99	228.60	210.77	194.79	157.60
2901.0	-58	150.86	169.13	239.01	274.13	258.08	224.61	193.63	155.83
2901.0	-53	281.87	249.35	238.03	286.13	284.18	239.21	178.04	153.35
2901.0	-48	289.94	257.61	256.49	314.73	304.56	244.02	189.96	277.68
2901.0	-43	274.95	288.38	297.25	334.85	322.24	248.39	184.19	283.39
2901.0	-38	239.95	285.48	321.48	346.32	346.47	249.14	186.89	271.64
2901.0	-33	188.04	183.41	233.80	202.52	217.27	265.77	189.19	227.41

SONIC SURVEYS

CUSTOMER : Eagle US 2, LLC
DATE : March 16, 2023

CAVERN : PPG No. 007B
OPERATION No. : 5

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

DEPTH	TILT	N	NE	E	SE	S	SW	W	NW
2901.0	-28	136.51	174.01	203.42	193.02	209.57	274.24	196.50	181.92
2901.0	-23	129.59	166.49	197.65	185.71	208.04	254.98	217.27	147.48
2901.0	-18	131.13	161.45	193.81	186.08	205.73	249.22	210.34	130.55
2901.0	0	135.02	154.16	187.33	210.70	233.28	226.60	171.72	148.68
2910.0	0	132.34	154.78	186.17	208.69	227.32	227.31	174.25	137.06
2920.1	0	129.82	154.88	186.75	203.59	226.06	228.38	180.10	139.11
2920.1	12	139.07	156.62	191.09	216.22	241.66	223.13	173.46	152.07
2920.1	17	148.49	161.71	192.33	240.67	256.54	231.83	189.25	161.70
2920.1	22	162.72	164.05	198.48	244.12	248.08	239.72	198.09	174.05
2920.1	27	171.18	167.31	195.40	177.00	171.95	195.08	201.94	179.82
2920.1	32	158.87	155.05	153.10	150.84	152.72	162.54	166.95	169.66
2920.1	37	140.41	131.84	126.57	142.77	133.11	132.39	143.36	145.47
2920.1	42	131.57	117.63	118.88	125.32	118.11	123.76	123.88	131.85
2920.1	47	125.03	114.76	114.65	115.92	128.49	133.00	113.88	121.68
2920.1	52	116.19	112.47	111.57	109.20	143.49	147.63	111.57	110.55
2920.1	57	111.19	109.03	113.11	122.29	150.03	156.25	125.80	105.76
2920.1	62	127.72	115.57	140.80	141.68	163.49	172.59	137.72	117.83
2920.1	67	153.38	136.44	182.61	161.78	443.77	438.81	152.73	141.92
2920.1	72	168.97	427.47	428.83	425.85	429.48	427.79	430.13	151.41
2920.1	77	418.44	419.06	419.74	419.71	419.09	416.78	415.84	416.13
2920.1	82	411.94	410.30	409.34	411.60	411.29	410.63	409.99	410.95
2920.1	87	406.74	407.39	408.04	407.07	407.39	407.07	406.74	406.74
2930.1	0	128.37	153.72	185.88	192.56	218.54	227.50	181.55	129.04
2940.0	0	123.75	153.73	185.31	182.12	202.65	230.38	185.31	126.32
2950.0	0	120.86	154.09	186.17	181.12	200.05	232.07	192.24	131.07
2960.0	0	122.88	155.57	182.99	177.11	197.16	230.95	199.76	140.14
2970.0	0	127.51	155.46	182.42	174.36	194.55	235.72	201.20	147.83
2980.0	0	137.04	154.46	181.84	172.07	189.64	237.03	205.83	155.99
2990.0	0	147.45	155.18	182.13	171.32	188.49	237.08	175.19	166.26
3000.0	0	159.30	155.18	183.28	172.12	182.71	238.08	167.97	175.36
3004.9	0	159.87	155.90	184.15	171.46	182.13	238.69	160.16	182.28
3010.0	0	164.50	156.33	183.86	171.60	183.28	238.70	159.87	183.71
3015.0	0	173.75	160.22	184.44	173.63	184.15	239.96	156.98	189.52
3020.0	0	178.08	163.75	197.16	228.50	185.31	240.81	144.13	191.95
3025.1	0	180.68	165.74	198.02	228.88	189.64	242.66	146.58	87.21
3030.1	0	75.60	183.65	199.47	229.30	194.55	244.44	138.20	81.14
3035.0	0	73.70	103.57	234.51	230.44	197.71	247.03	134.51	80.23
3039.9	0	75.04	68.13	238.86	311.47	302.30	250.71	131.61	72.75

SONIC SURVEYS

CUSTOMER : Eagle US 2, LLC
DATE : March 16, 2023

CAVERN : PPG No. 007B
OPERATION No. : 5

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

DEPTH	TILT	N	NE	E	SE	S	SW	W	NW
3044.9	0	74.66	68.66	240.39	309.92	302.30	213.57	104.65	70.73
3050.0	-85	51.05	51.69	50.89	49.93	49.93	49.61	50.57	51.05
3050.0	-82	53.61	53.29	51.53	49.60	48.65	48.25	49.61	51.93
3050.0	-79	55.37	54.25	51.69	50.49	49.45	47.69	49.29	53.32
3050.0	-76	57.61	54.80	51.37	50.24	50.89	47.68	48.81	49.16
3050.0	-73	55.69	55.60	51.53	48.64	51.05	47.84	49.13	56.48
3050.0	-70	55.69	56.64	51.53	50.39	50.09	48.96	50.57	54.95
3050.0	-67	59.53	57.76	51.21	51.25	52.49	50.66	50.73	54.69
3050.0	-64	60.33	58.63	52.97	54.51	53.77	53.35	51.69	51.27
3050.0	-61	50.41	60.15	53.77	61.99	53.45	55.19	53.93	54.97
3050.0	-58	49.93	63.02	54.89	66.94	58.41	56.23	56.49	52.05
3050.0	-55	50.89	65.16	60.97	69.66	60.81	56.62	59.85	51.82
3050.0	-52	52.17	66.11	66.41	69.81	64.17	57.02	65.61	51.58
3050.0	-49	52.49	67.96	68.17	73.48	68.17	57.89	68.17	51.89
3050.0	-46	52.97	68.69	72.81	79.23	71.37	59.01	70.41	52.37
3050.0	-43	54.25	67.07	75.69	92.59	74.57	62.11	71.53	51.89
3050.0	-40	56.97	65.76	84.17	113.64	78.57	65.16	74.57	52.68
3050.0	-37	56.92	62.73	83.53	129.96	92.18	67.95	88.81	52.81
3050.0	-34	57.65	60.27	108.07	147.84	102.28	70.48	100.59	54.59
3050.0	-31	57.65	65.11	111.45	159.82	112.90	76.02	91.91	54.65
3050.0	-28	59.34	64.08	127.13	177.92	158.97	79.67	81.05	56.74
3050.0	-25	59.34	61.90	133.40	195.68	162.11	100.75	87.09	54.15
3050.0	-22	60.94	62.38	140.91	227.61	205.07	114.91	85.12	54.24
3050.0	-19	65.13	60.05	142.20	249.84	237.96	146.14	86.09	58.03
3050.0	-16	67.71	60.99	143.49	266.38	258.60	150.69	94.80	57.50
3050.0	-13	64.81	62.05	183.79	280.32	285.04	161.11	98.99	58.49
3050.0	-10	65.75	60.61	260.88	302.91	311.43	167.33	106.75	58.08
3050.0	-7	65.04	61.59	259.46	313.28	308.24	176.37	105.69	58.85
3050.0	-4	68.93	73.34	253.45	310.99	299.76	184.57	103.93	65.57
3050.0	-1	72.47	62.00	242.14	306.69	299.76	209.50	103.22	67.36
3050.0	0	75.04	69.98	246.93	310.13	303.46	212.15	104.27	65.26
3055.1	0	66.16	73.01	251.74	311.22	300.88	194.46	105.04	59.19
3060.0	0	66.51	60.10	255.63	309.60	299.82	184.27	105.75	57.97
3065.1	0	65.45	60.54	252.45	311.22	300.52	182.55	106.46	55.88
3070.0	0	63.33	58.95	257.40	311.92	308.65	178.10	97.97	50.64
3075.0	0	54.85	58.30	258.10	311.91	307.59	170.39	94.08	50.33
3080.0	0	42.83	55.85	259.16	311.74	306.89	159.73	78.53	46.30
3080.0	5	52.02	51.12	255.28	310.88	300.17	175.38	92.67	47.81

SONIC SURVEYS

CUSTOMER : Eagle US 2, LLC
DATE : March 16, 2023
CAVERN :PPG No. 007B
OPERATION No. :5

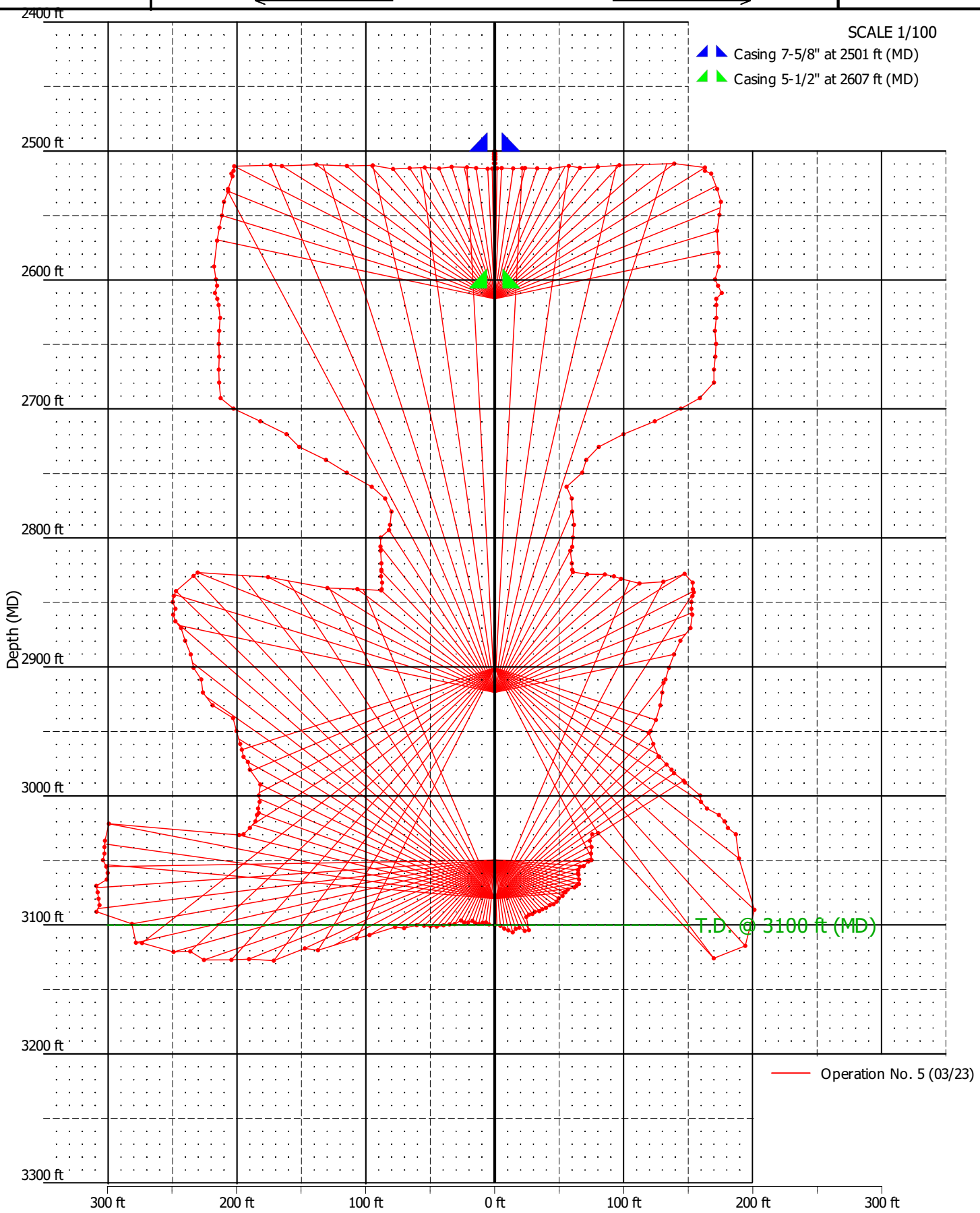
Wall Range versus Depth
(N, NE, E, SE, S, SW, W, NW)

DEPTH	TILT	N	NE	E	SE	S	SW	W	NW
3080.0	8	52.73	58.74	252.09	310.29	301.94	184.96	97.97	51.76
3080.0	11	47.07	60.99	242.55	306.61	304.41	234.21	107.52	51.58
3080.0	14	65.10	60.46	208.26	236.54	204.02	249.42	108.22	51.54
3080.0	17	67.57	61.68	202.96	229.76	198.01	246.64	107.87	58.09
3080.0	20	71.46	65.05	196.24	202.88	194.48	247.41	109.28	59.83
3080.0	23	73.58	78.85	195.18	185.72	193.42	251.57	155.59	62.94
3080.0	26	77.12	69.01	200.49	188.01	201.90	256.11	175.39	66.14
3080.0	29	85.60	106.56	204.73	194.02	218.51	259.03	228.41	76.20
3080.0	32	172.56	113.20	211.80	202.19	213.56	261.95	232.65	87.38
3080.0	35	169.64	185.04	222.70	216.52	238.86	273.32	239.24	184.81
3080.0	38	168.87	192.93	228.09	226.70	286.92	280.30	235.39	185.24
3080.0	41	168.10	199.07	243.47	279.59	309.61	287.30	239.24	185.25
3080.0	44	169.25	211.59	258.08	292.09	343.07	305.52	244.24	186.02
3080.0	47	175.79	223.46	273.46	333.80	341.91	329.39	250.78	185.26
3080.0	52	212.32	251.78	296.54	310.99	310.00	313.09	307.69	224.06
3080.0	57	283.08	273.54	287.69	285.89	278.85	287.19	293.84	291.03
3080.0	62	278.08	270.49	269.62	269.92	270.00	272.99	277.69	275.88
3080.0	67	263.08	257.06	254.62	262.45	257.31	256.87	265.39	267.25
3084.9	0	42.74	50.26	259.24	311.47	306.15	119.59	83.50	38.44
3090.0	0	31.20	51.06	134.64	311.10	308.46	53.99	82.73	32.24

CUSTOMER : Eagle US 2, LLC	CAVERN : PPG No. 007B	
DATE : March 16, 2023	OPERATION No. : 5	

TILTED SECTIONS POSITION

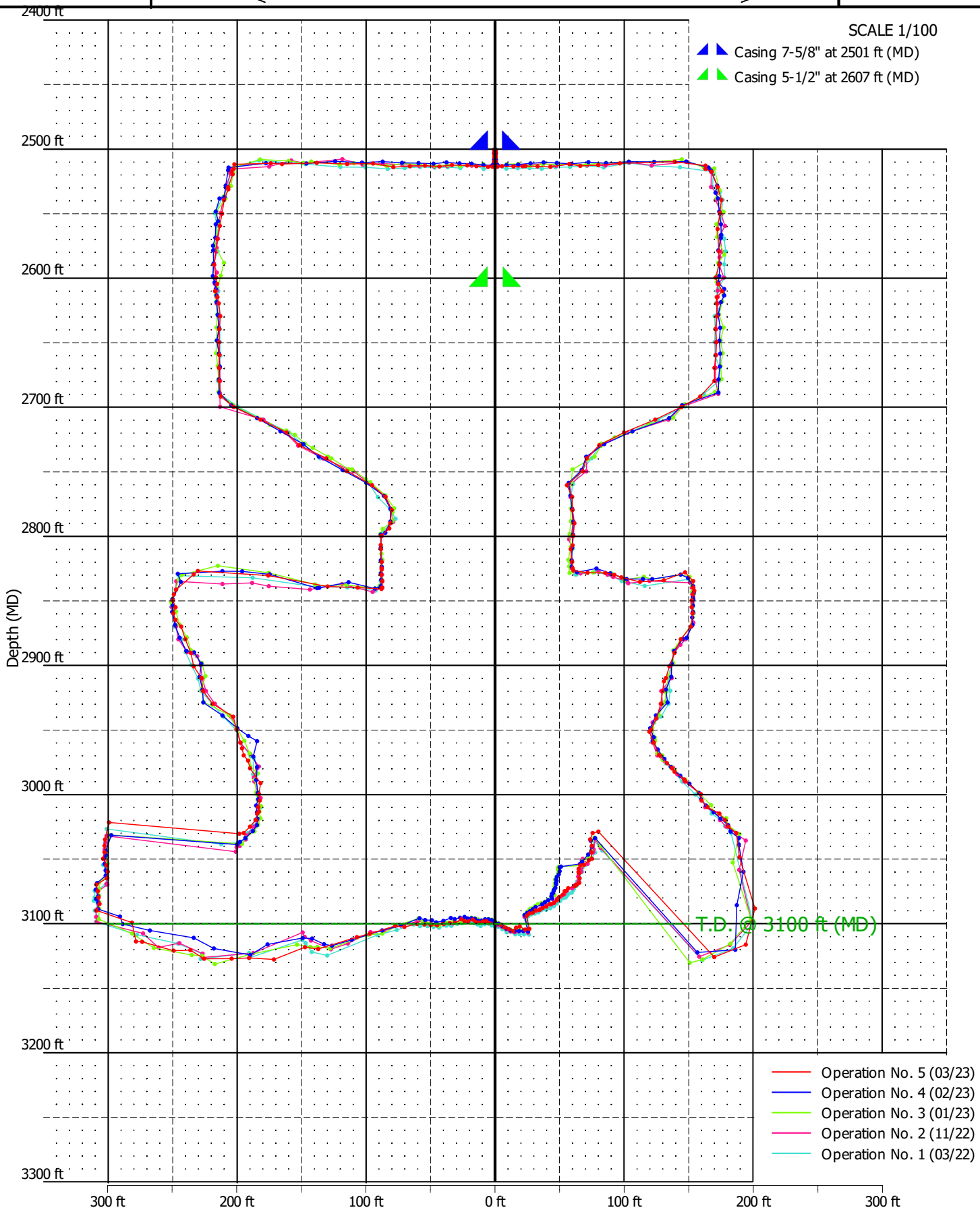
1



CUSTOMER : Eagle US 2, LLC	CAVERN : PPG No. 007B	
DATE : March 16, 2023	OPERATION No. : 5	

VERTICAL SECTION

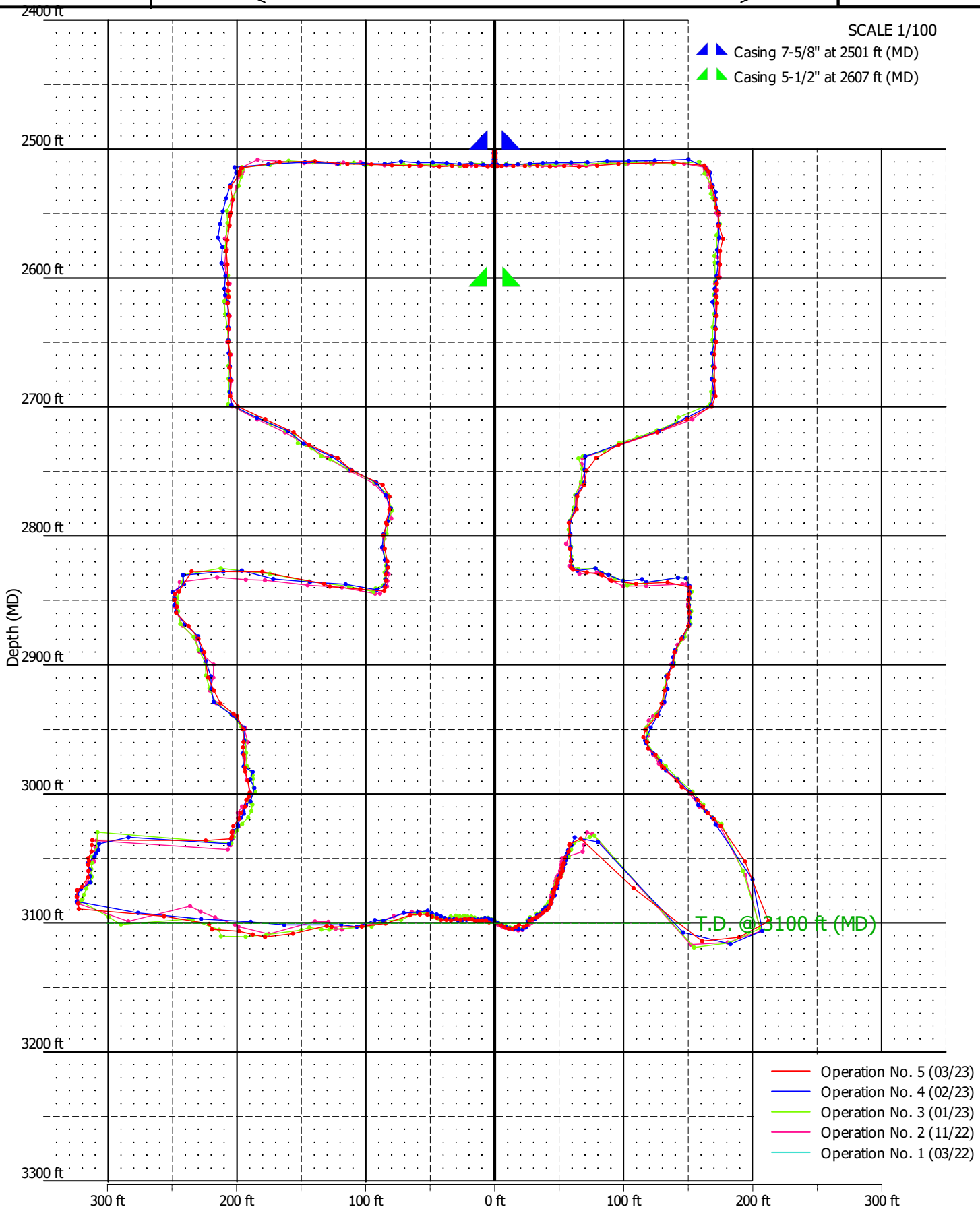
1



CUSTOMER : Eagle US 2, LLC	CAVERN : PPG No. 007B	
DATE : March 16, 2023	OPERATION No. : 5	

VERTICAL SECTION

2

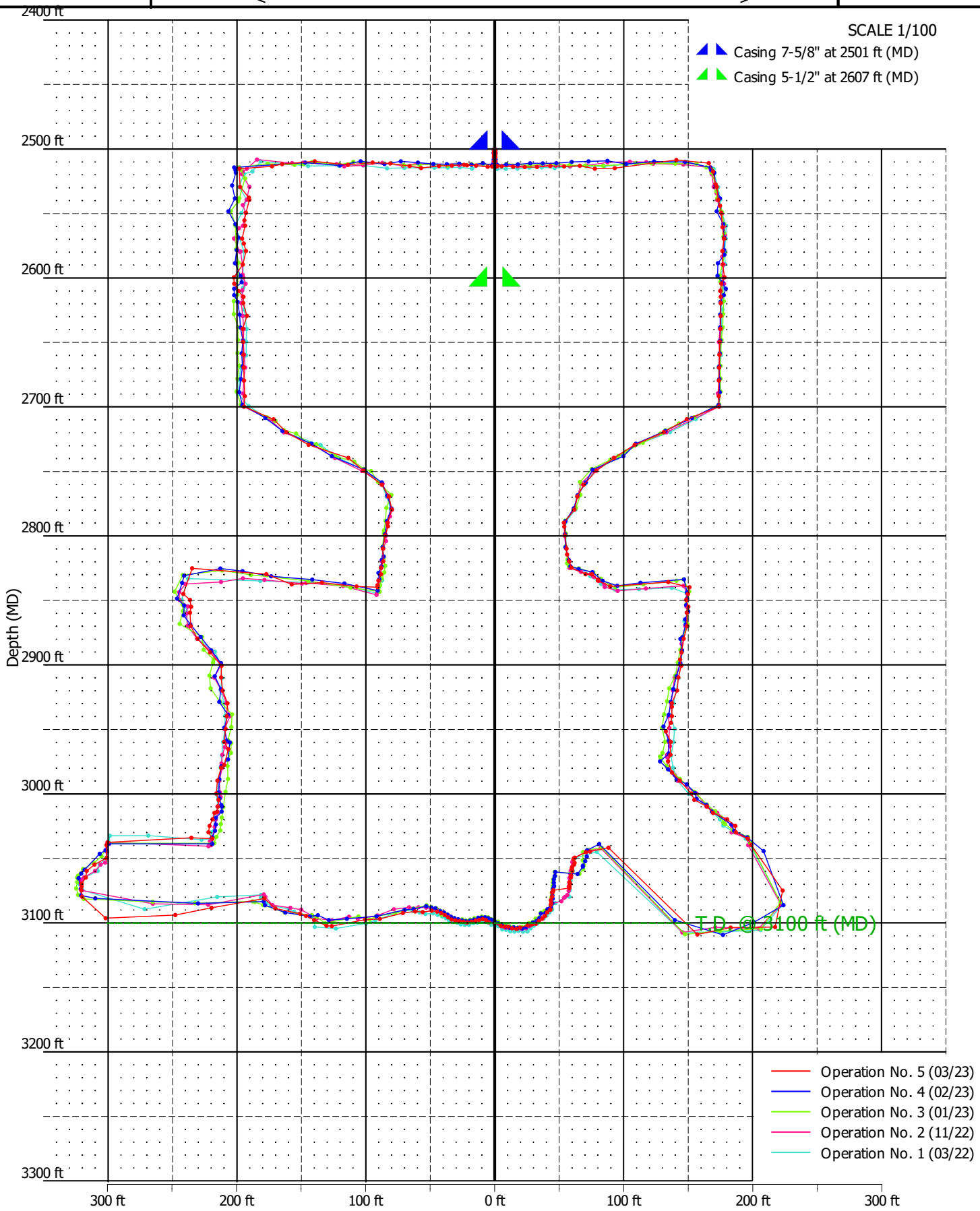


CUSTOMER : Eagle US 2, LLC	CAVERN : PPG No. 007B	
DATE : March 16, 2023	OPERATION No. : 5	

VERTICAL SECTION

3

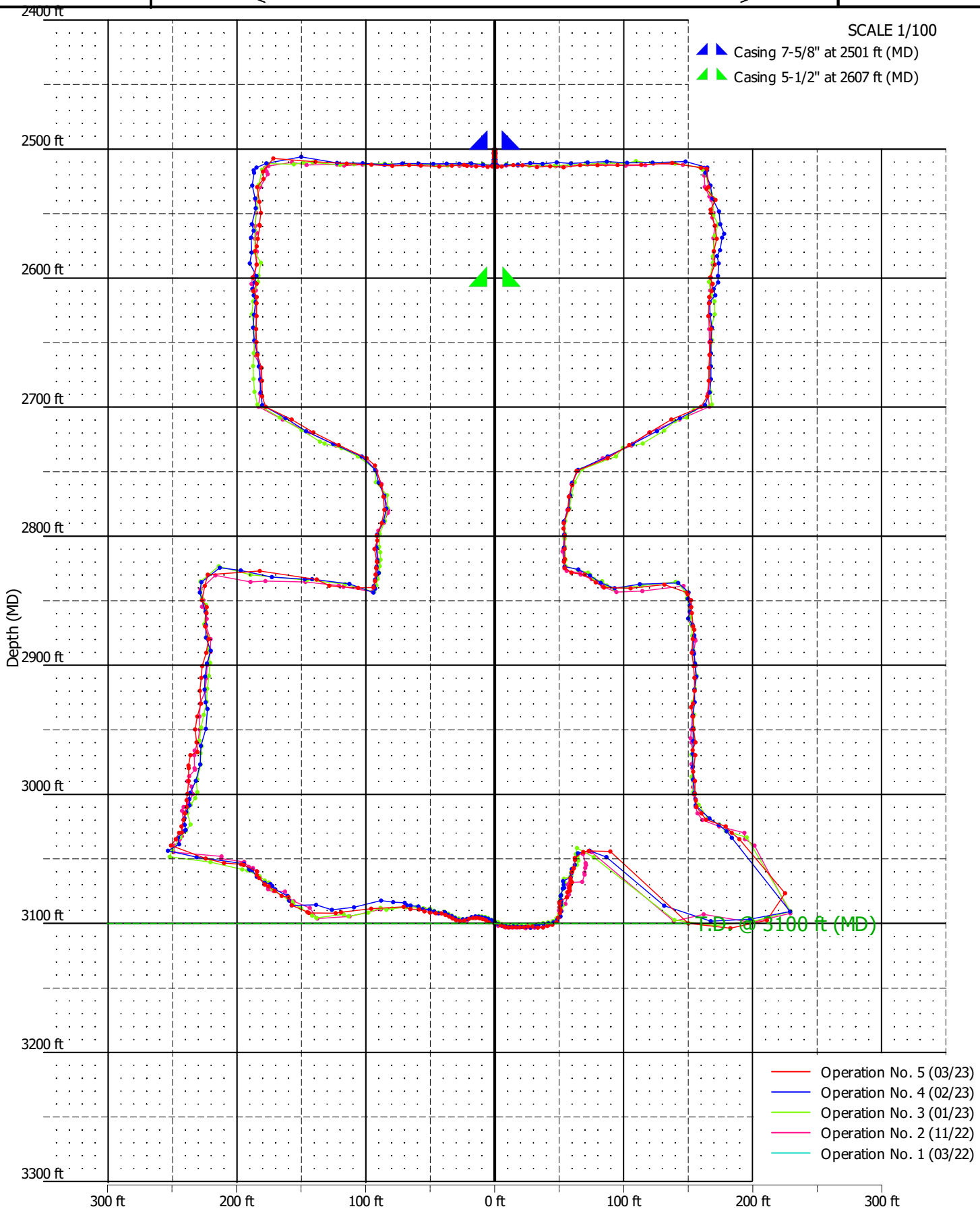
N210 ← → N30



CUSTOMER : Eagle US 2, LLC	CAVERN : PPG No. 007B	
DATE : March 16, 2023	OPERATION No. : 5	

VERTICAL SECTION

4



CUSTOMER : Eagle US 2, LLC	CAVERN : PPG No. 007B	
DATE : March 16, 2023	OPERATION No. : 5	

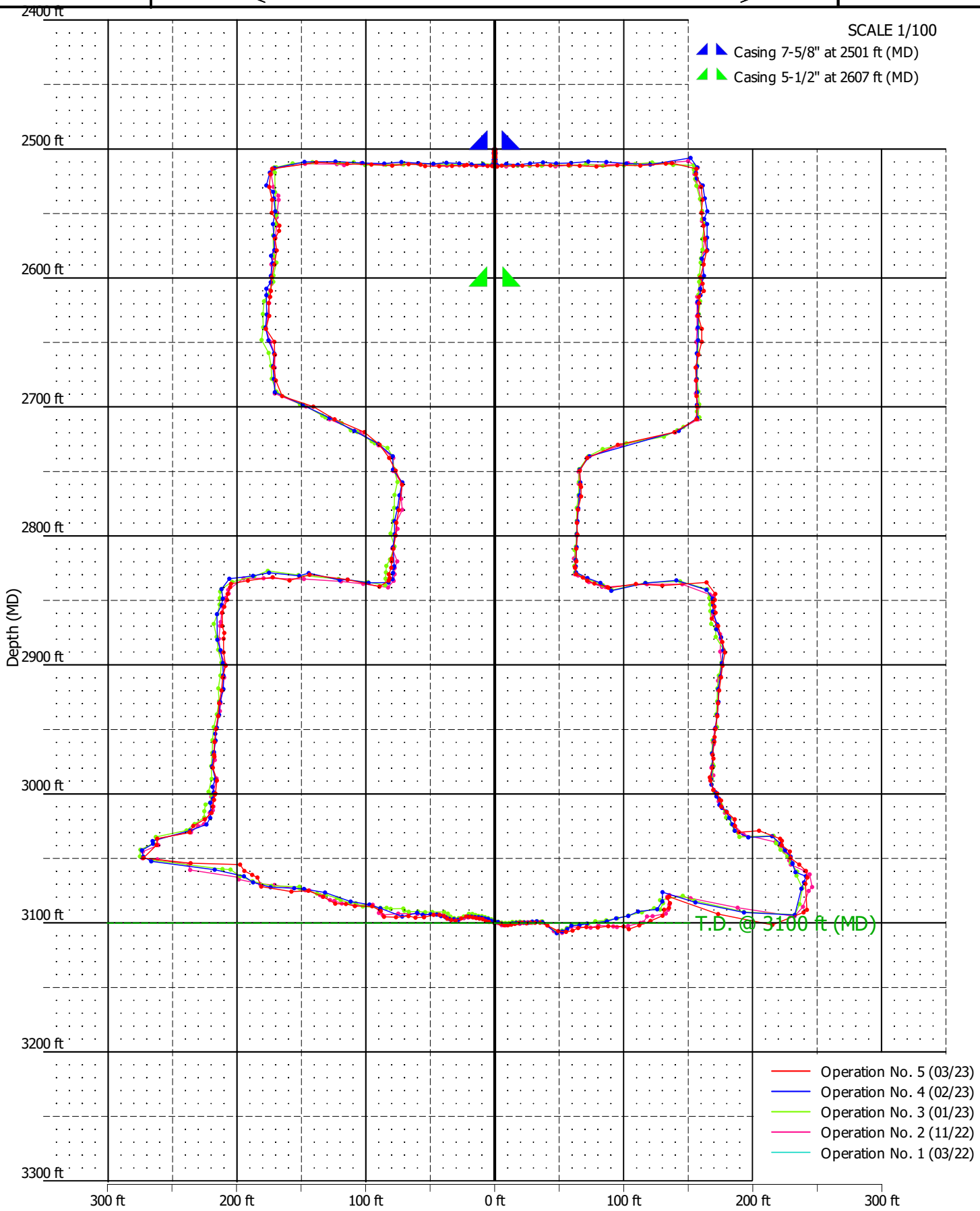
VERTICAL SECTION

5

CUSTOMER : Eagle US 2, LLC	CAVERN :PPG No. 007B	
DATE : March 16, 2023	OPERATION No. :5	

VERTICAL SECTION

6



CUSTOMER : Eagle US 2, LLC	CAVERN : PPG No. 007B	
DATE : March 16, 2023	OPERATION No. : 5	

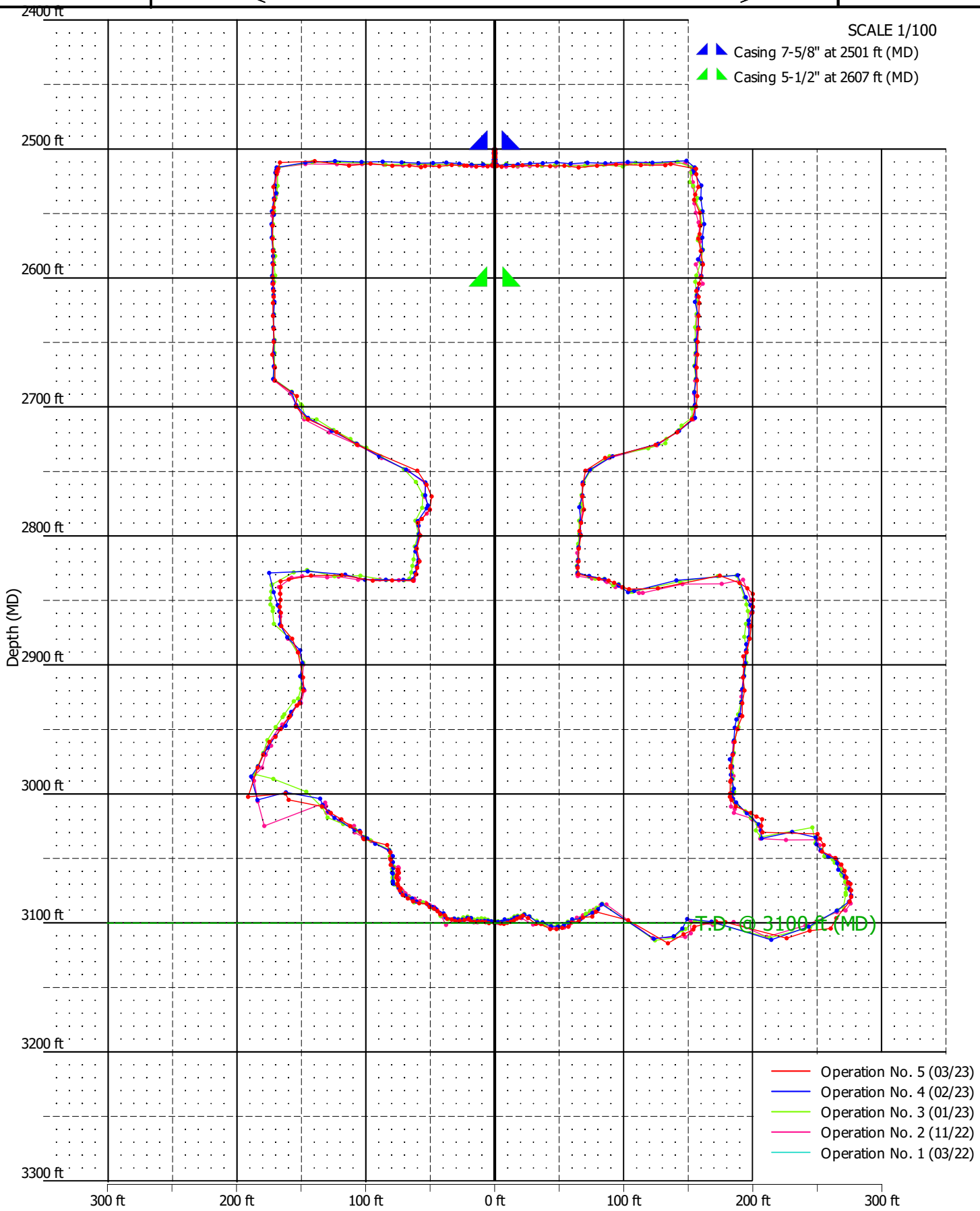
VERTICAL SECTION

7

CUSTOMER : Eagle US 2, LLC	CAVERN : PPG No. 007B	
DATE : March 16, 2023	OPERATION No. : 5	

VERTICAL SECTION

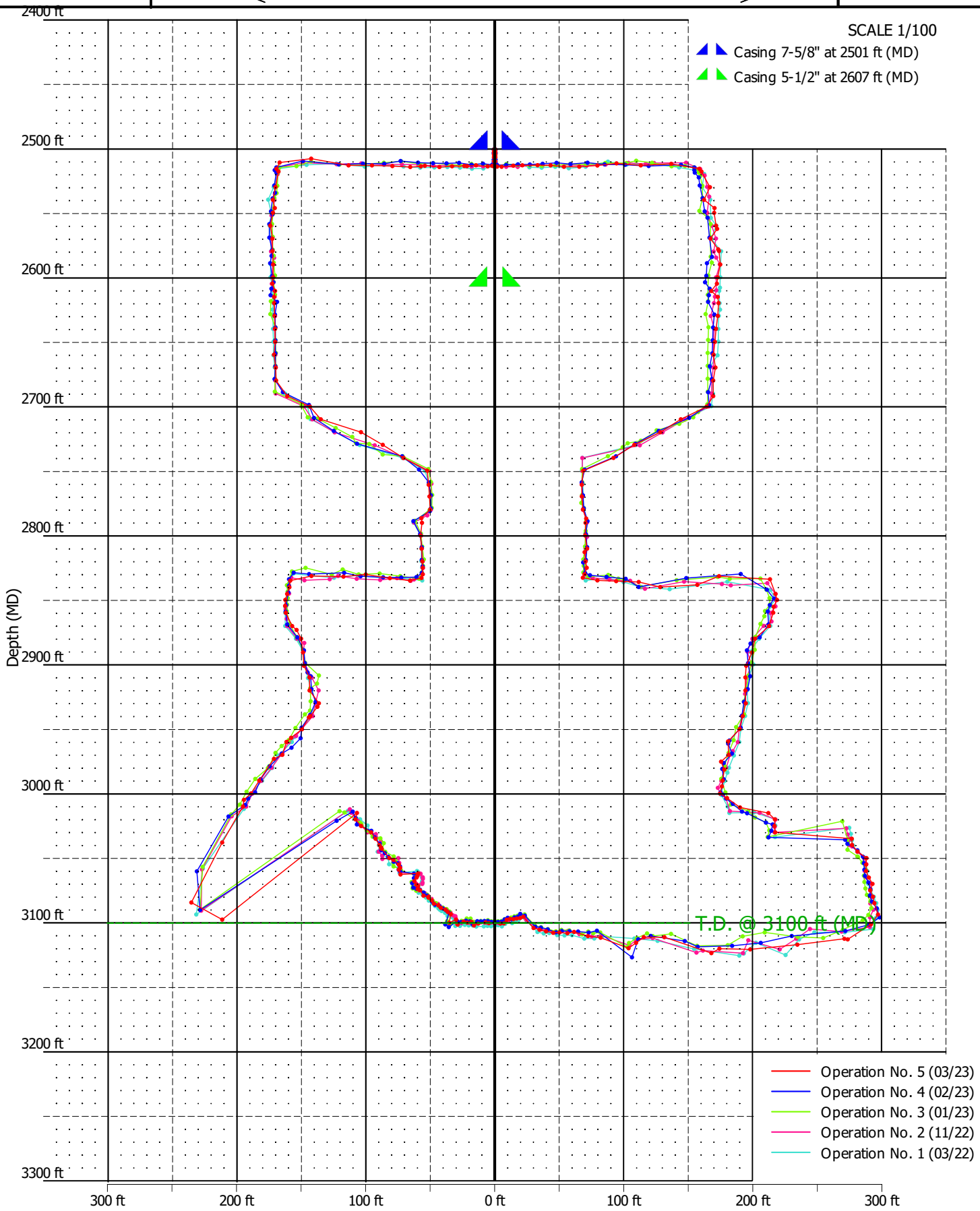
8



CUSTOMER : Eagle US 2, LLC	CAVERN : PPG No. 007B	
DATE : March 16, 2023	OPERATION No. : 5	

VERTICAL SECTION

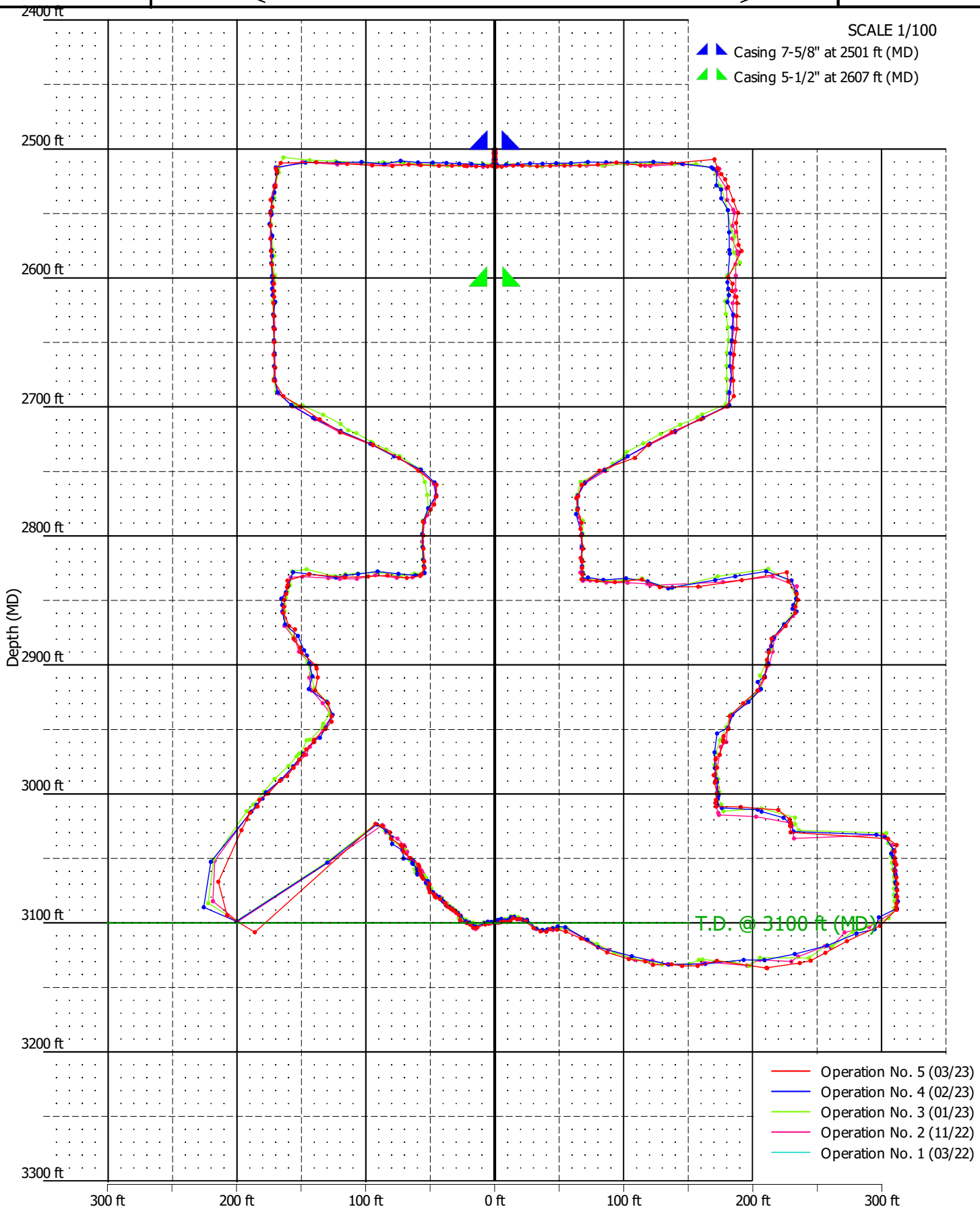
9



CUSTOMER : Eagle US 2, LLC	CAVERN :PPG No. 007B	
DATE : March 16, 2023	OPERATION No. :5	

VERTICAL SECTION

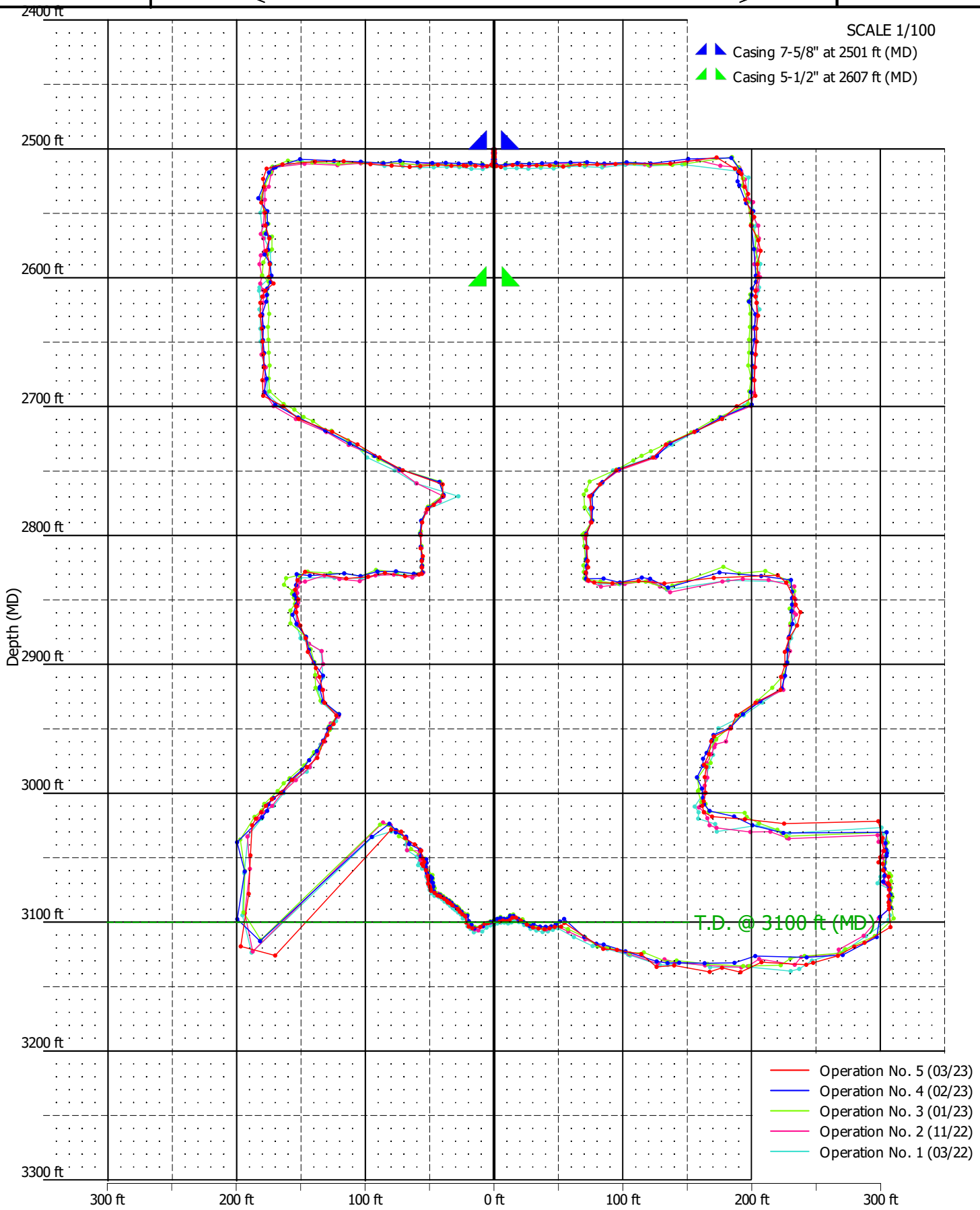
10



CUSTOMER : Eagle US 2, LLC	CAVERN :PPG No. 007B	
DATE : March 16, 2023	OPERATION No. :5	

VERTICAL SECTION

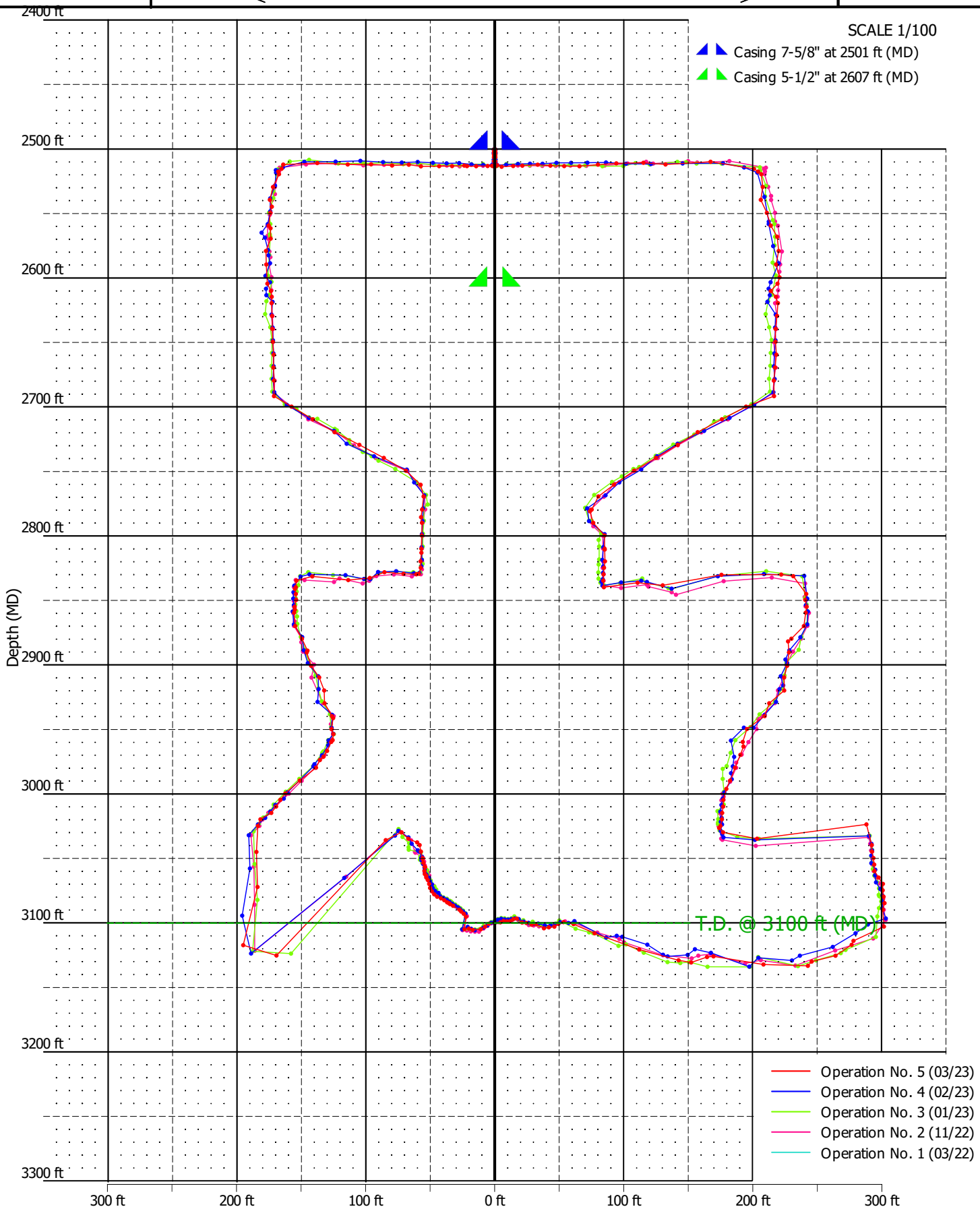
11



CUSTOMER : Eagle US 2, LLC	CAVERN : PPG No. 007B	
DATE : March 16, 2023	OPERATION No. : 5	

VERTICAL SECTION

12

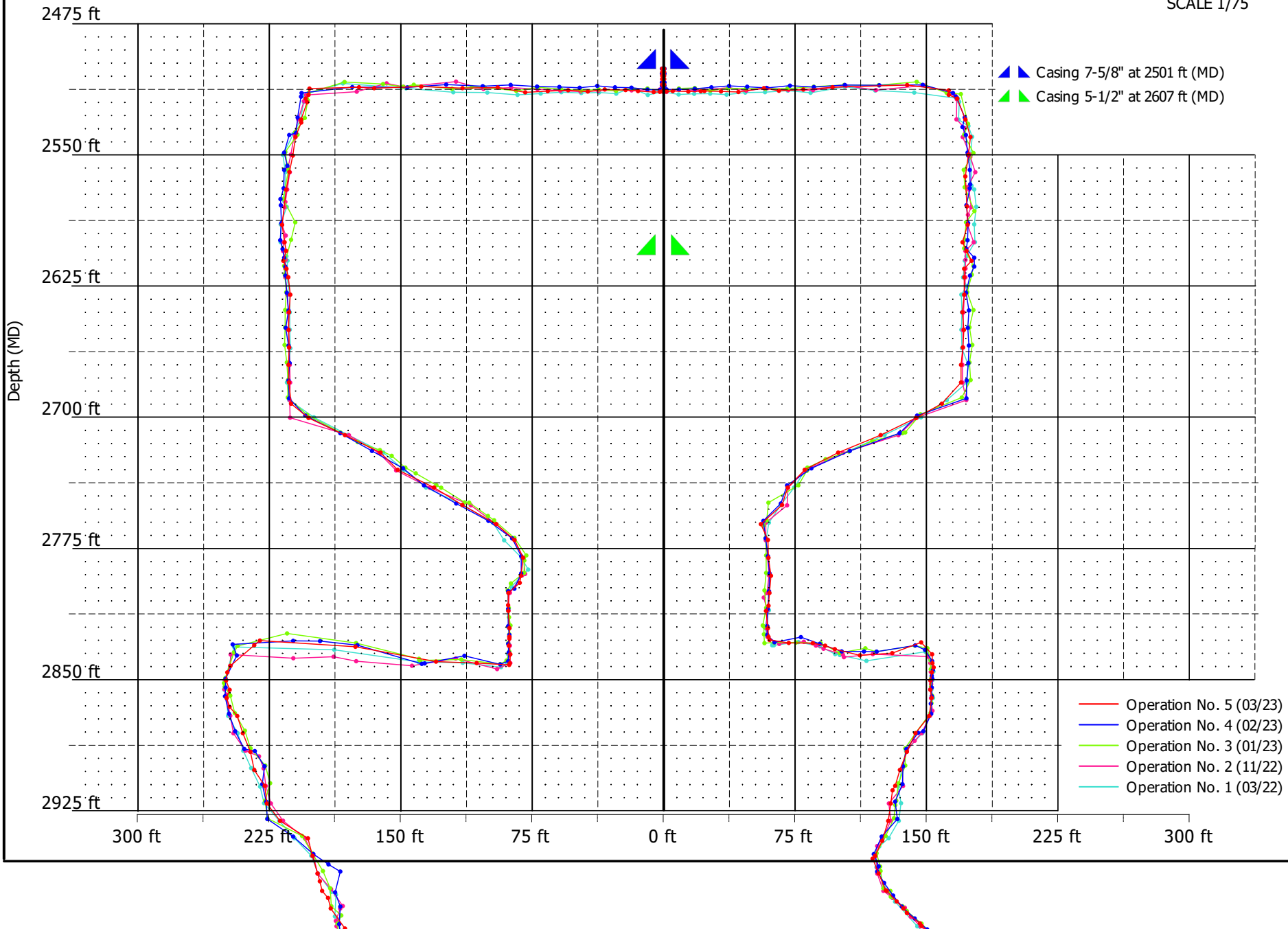


SONIC SURVEYS	CUSTOMER : Eagle US 2, LLC DATE : March 16, 2023	CAVERN : PPG No. 007B OPERATION No. : 5

VERTICAL SECTION

N180 ← **1** → N0

SCALE 1/75

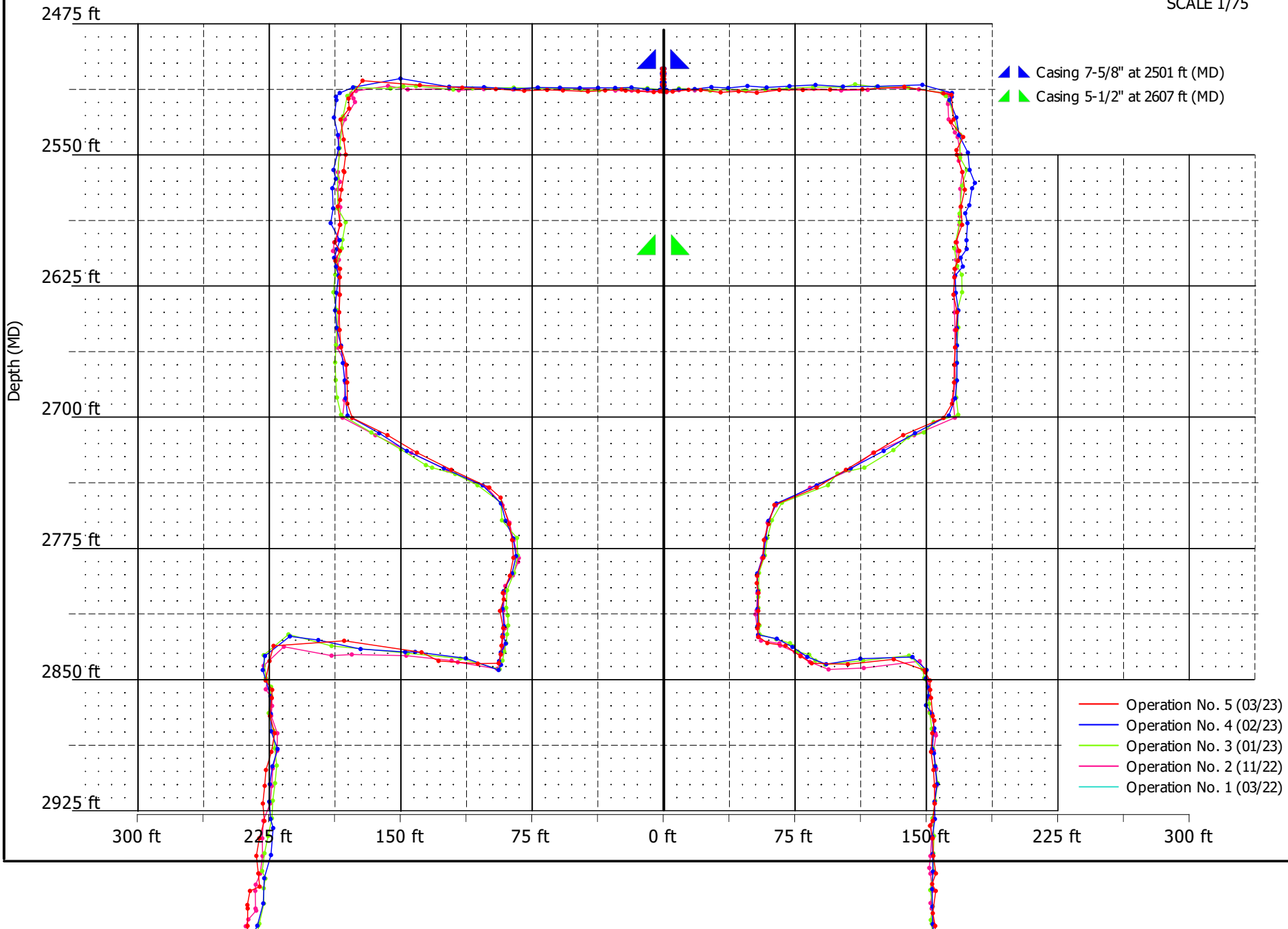


SONIC SURVEYS	CUSTOMER : Eagle US 2, LLC DATE : March 16, 2023	CAVERN : PPG No. 007B OPERATION No. : 5

VERTICAL SECTION

N225 ← **2** → N45

SCALE 1/75

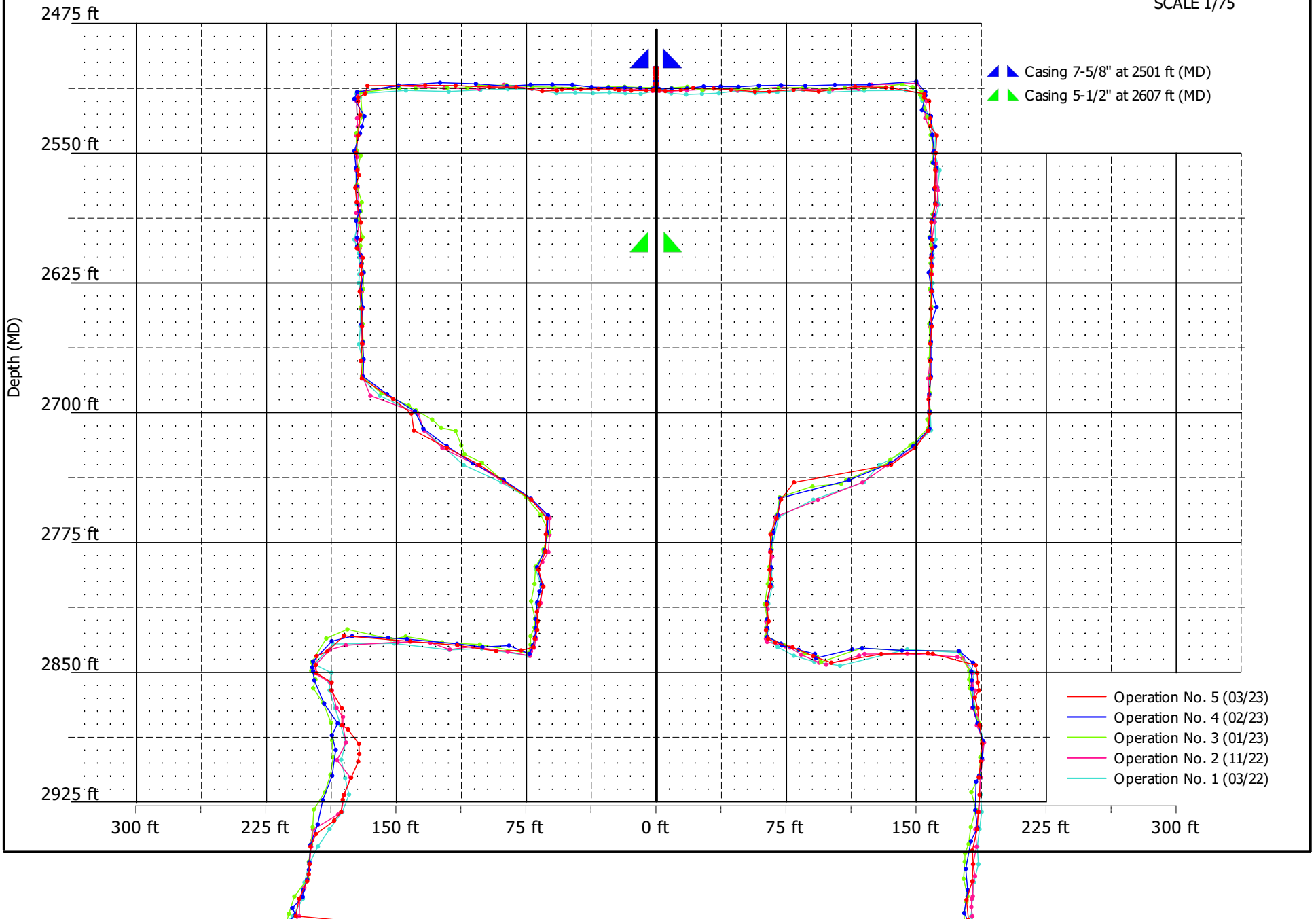


SONIC SURVEYS	CUSTOMER : Eagle US 2, LLC DATE : March 16, 2023	CAVERN : PPG No. 007B OPERATION No. : 5

VERTICAL SECTION

N270 ← **3** → N90

SCALE 1/75

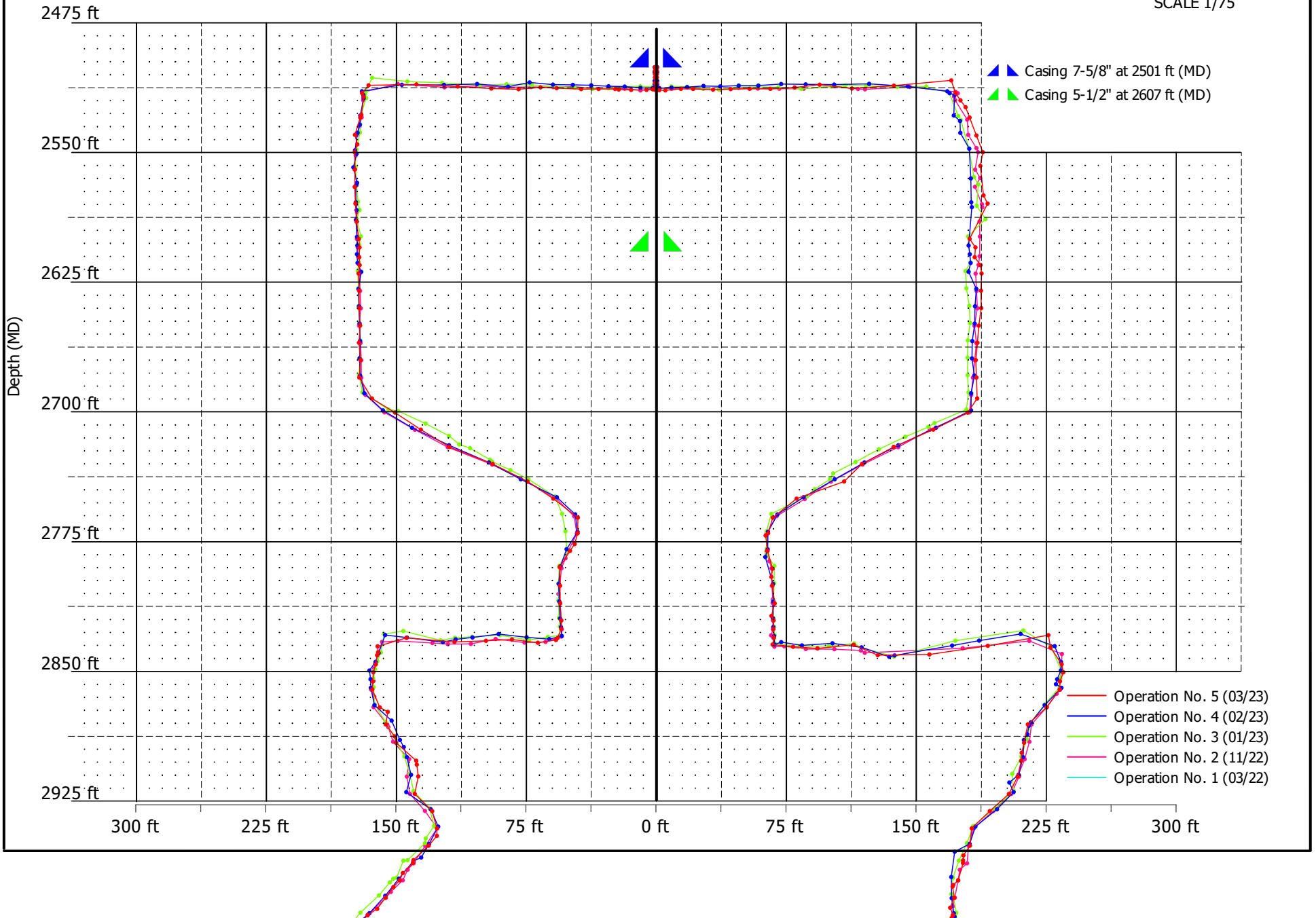


SONIC SURVEYS	CUSTOMER : Eagle US 2, LLC DATE : March 16, 2023	CAVERN : PPG No. 007B OPERATION No. : 5

VERTICAL SECTION

N315 ← **4** → N135

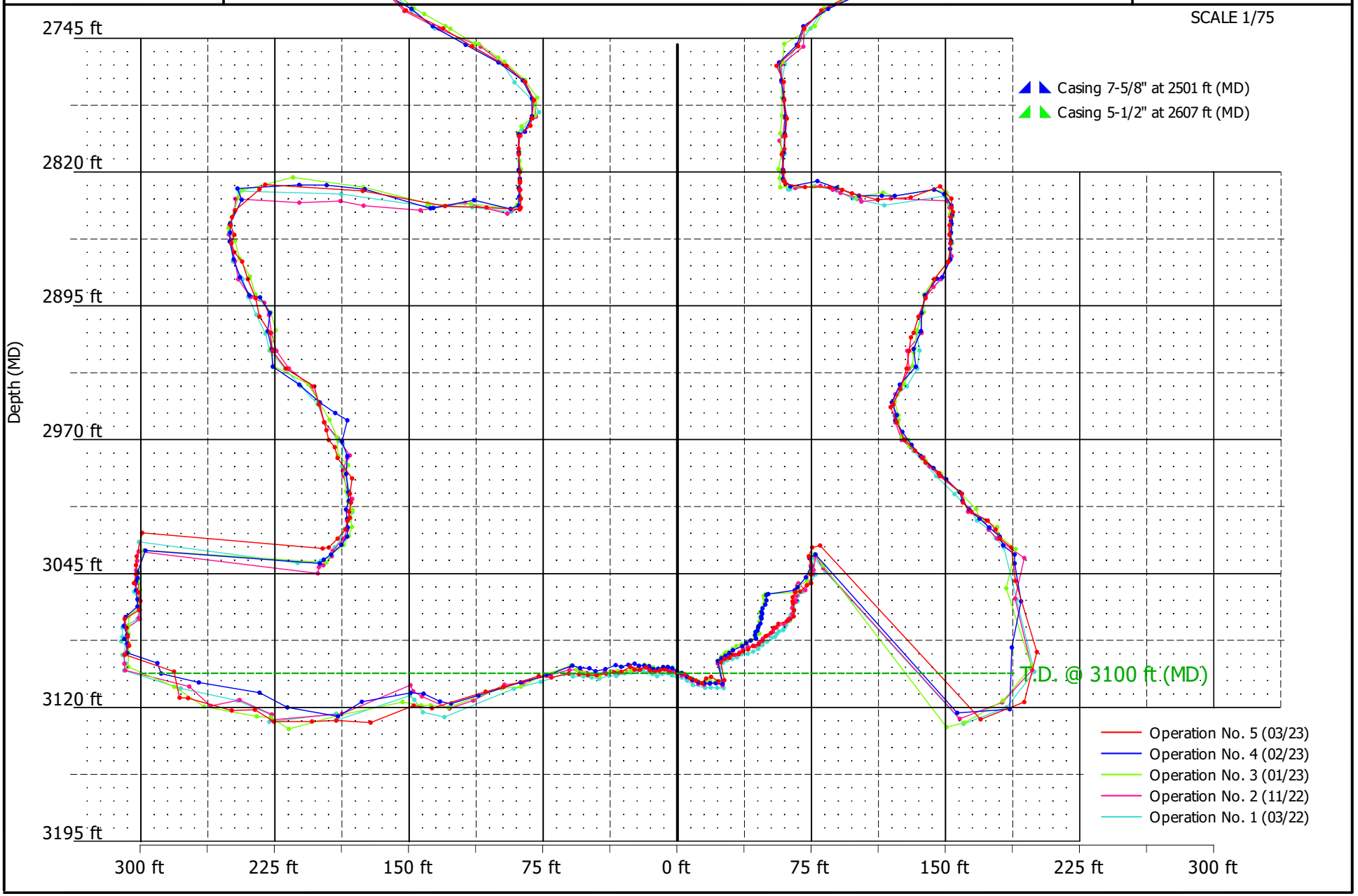
SCALE 1/75



SONIC SURVEYS	CUSTOMER : Eagle US 2, LLC DATE : March 16, 2023	CAVERN : PPG No. 007B OPERATION No. : 5

VERTICAL SECTION

1

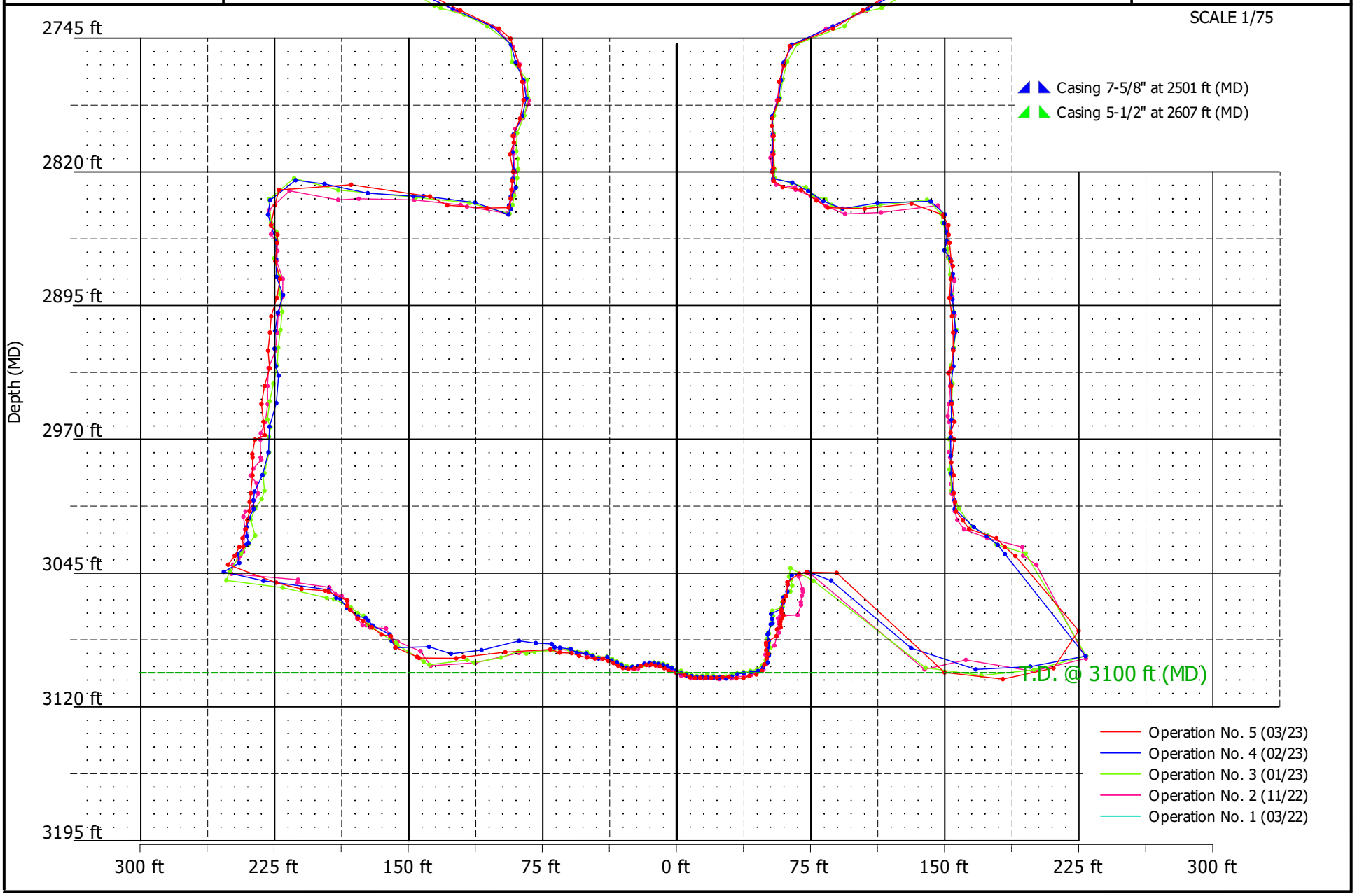


SONIC SURVEYS

CUSTOMER	: Eagle US 2, LLC	CAVERN	: PPG No. 007B
DATE	: March 16, 2023	OPERATION No.	: 5

VERTICAL SECTION

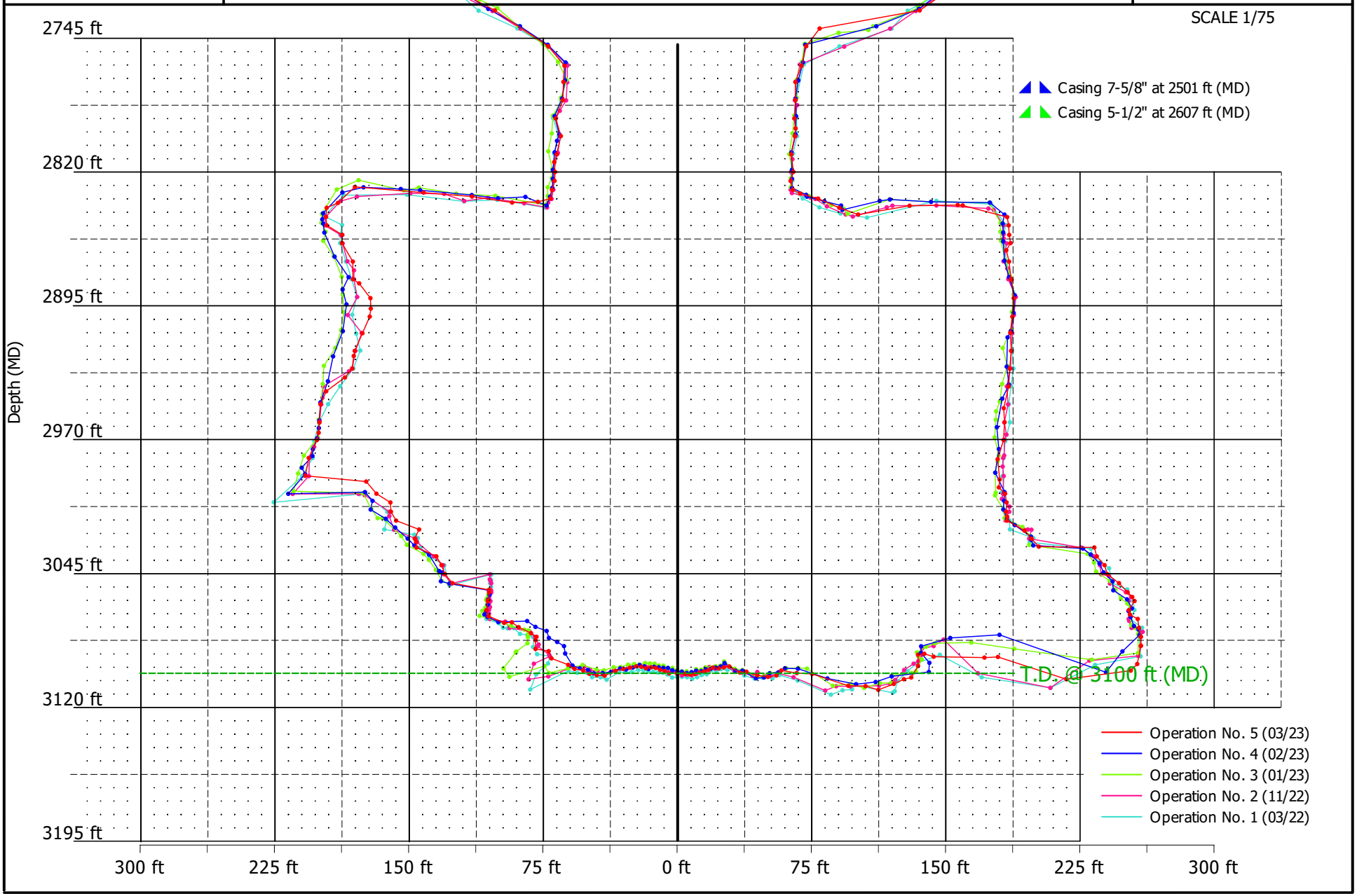
2



CUSTOMER : Eagle US 2, LLC	CAVERN : PPG No. 007B	
DATE : March 16, 2023	OPERATION No. : 5	

VERTICAL SECTION

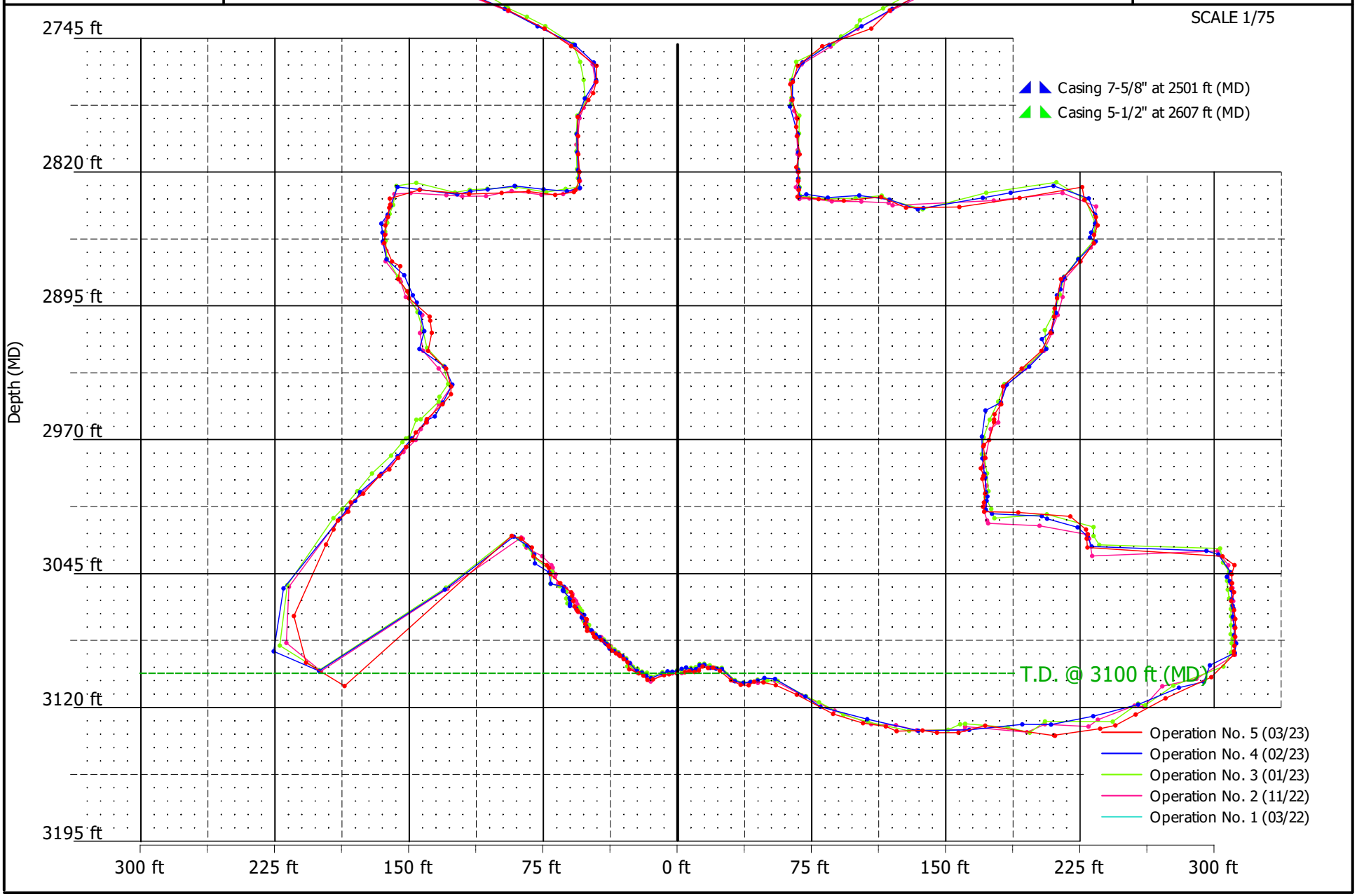
3



CUSTOMER : Eagle US 2, LLC	CAVERN : PPG No. 007B	
DATE : March 16, 2023	OPERATION No. : 5	

VERTICAL SECTION

4



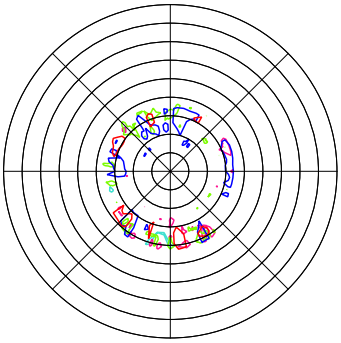
CUSTOMER : Eagle US 2, LLC	CAVERN : PPG No. 007B	
DATE : March 16, 2023	OPERATION No. : 5	

HORIZONTAL SECTIONS

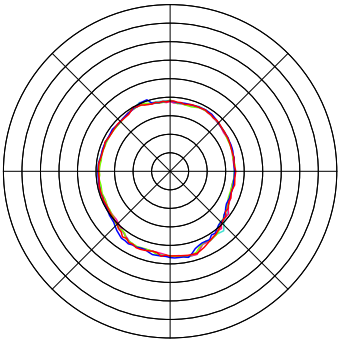
between 2510 ft and 2620 ft

Operation No. 5 (03/23) Operation No. 4 (02/23) Operation No. 3 (01/23) Operation No. 2 (11/22) Operation No. 1 (03/22)

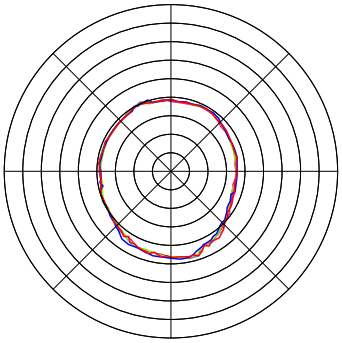
SCALE 50.0 ft per division



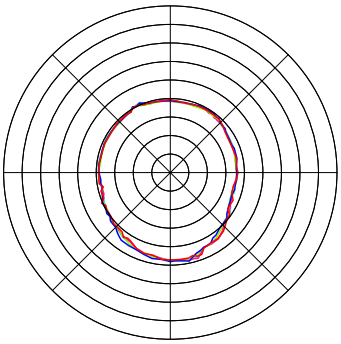
2510 ft / 4101.35 ft²



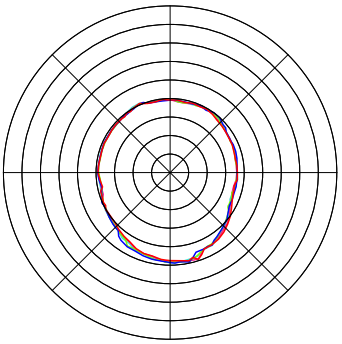
2520 ft / 95829.92 ft²



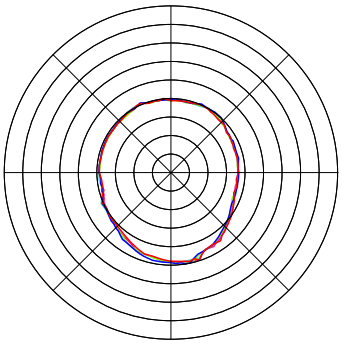
2530 ft / 98391.18 ft²



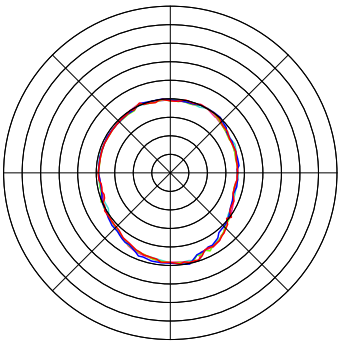
2540 ft / 99451.00 ft²



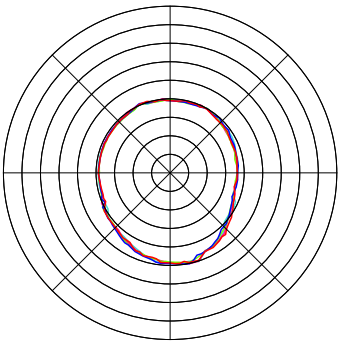
2550 ft / 100896.82 ft²



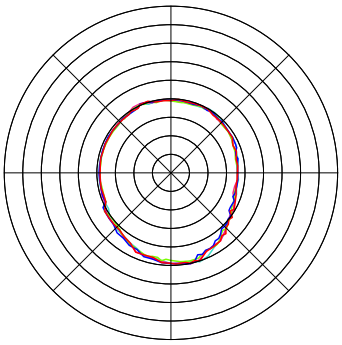
2560 ft / 101642.04 ft²



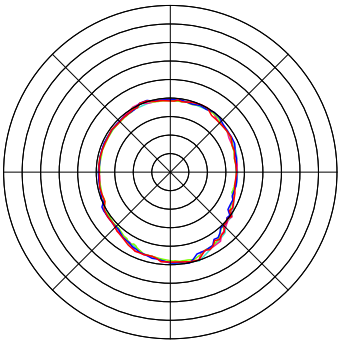
2570 ft / 102672.01 ft²



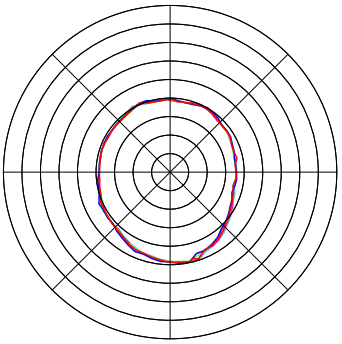
2580 ft / 103118.59 ft²



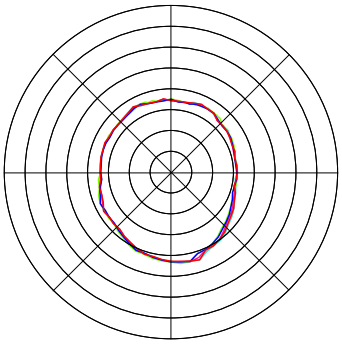
2590 ft / 102969.58 ft²



2600 ft / 102424.06 ft²



2610 ft / 101705.94 ft²



2620 ft / 101768.32 ft²

*All sections are oriented to Magnetic North.

Magnetic Declination= 0.8°

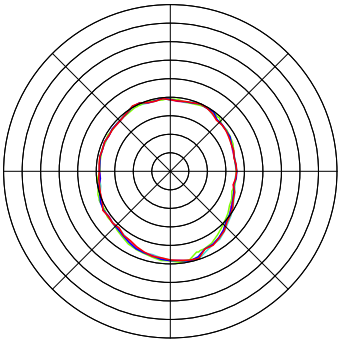
CUSTOMER : Eagle US 2, LLC	CAVERN : PPG No. 007B	
DATE : March 16, 2023	OPERATION No. : 5	

HORIZONTAL SECTIONS

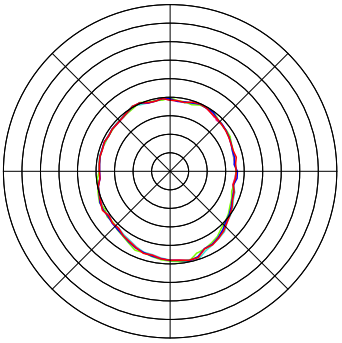
between 2630 ft and 2740 ft

Operation No. 5 (03/23) Operation No. 4 (02/23) Operation No. 3 (01/23) Operation No. 2 (11/22) Operation No. 1 (03/22)

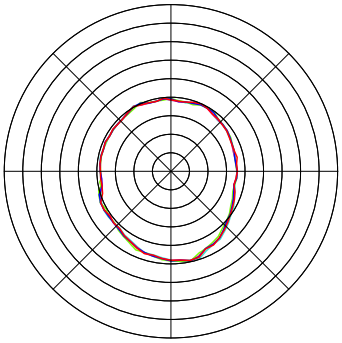
SCALE 50.0 ft per division



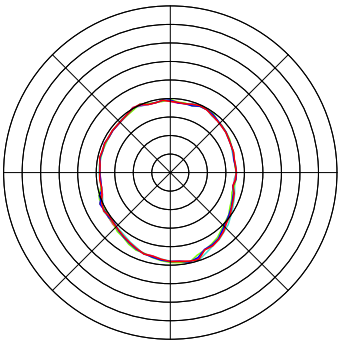
2630 ft / 101407.44 ft²



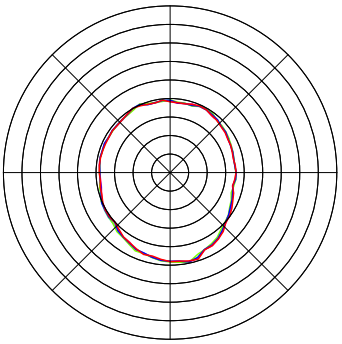
2640 ft / 101566.65 ft²



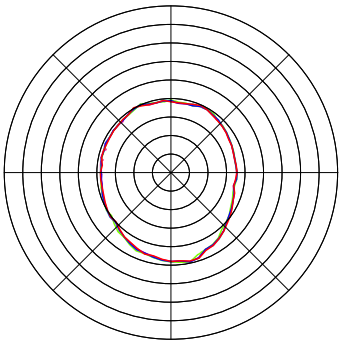
2650 ft / 101025.40 ft²



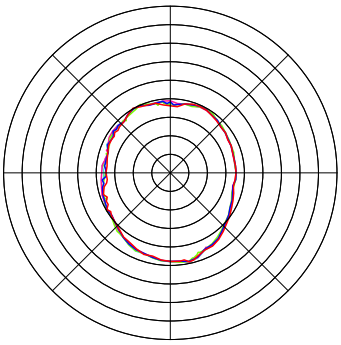
2660 ft / 100461.81 ft²



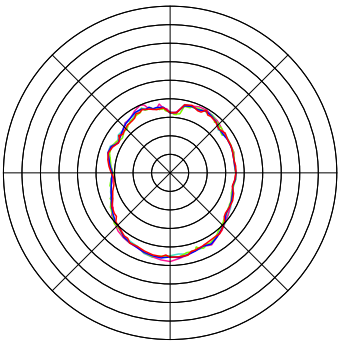
2670 ft / 99671.07 ft²



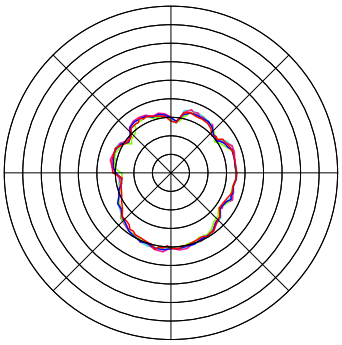
2680 ft / 99209.28 ft²



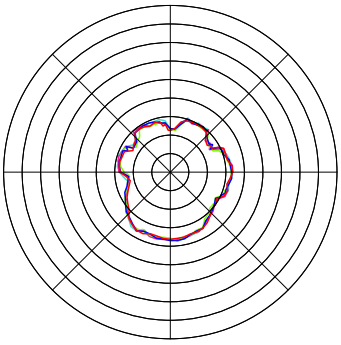
2690 ft / 96247.35 ft²



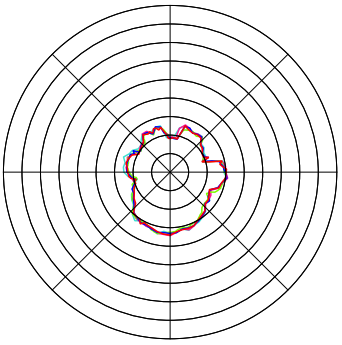
2700 ft / 87494.66 ft²



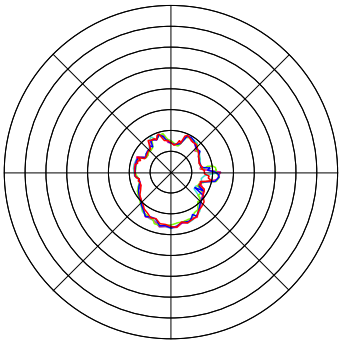
2710 ft / 71902.79 ft²



2720 ft / 55745.38 ft²



2730 ft / 40735.54 ft²



2740 ft / 27699.63 ft²

*All sections are oriented to Magnetic North.

Magnetic Declination= 0.8°

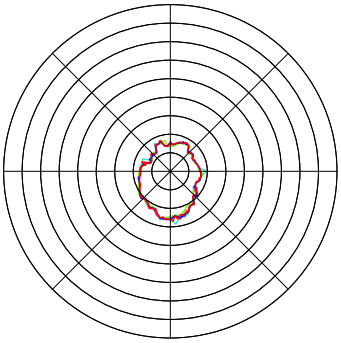
SONIC SURVEYS	CUSTOMER : Eagle US 2, LLC	CAVERN : PPG No. 007B	
	DATE : March 16, 2023	OPERATION No. : 5	

HORIZONTAL SECTIONS

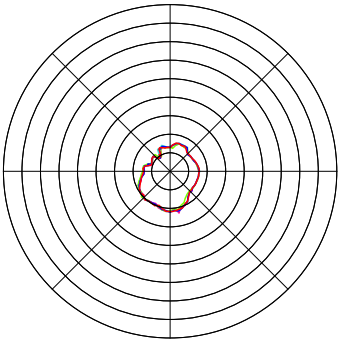
between 2750 ft and 2860 ft

Operation No. 5 (03/23) Operation No. 4 (02/23) Operation No. 3 (01/23) Operation No. 2 (11/22) Operation No. 1 (03/22)

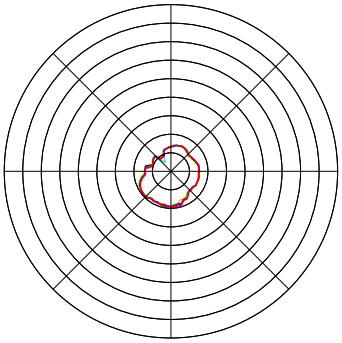
SCALE 50.0 ft per division



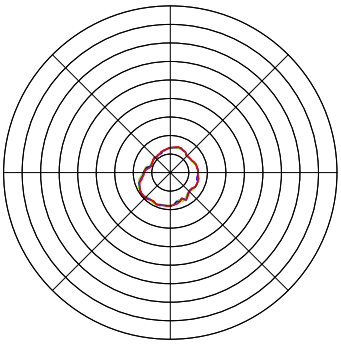
2750 ft / 19905.82 ft²



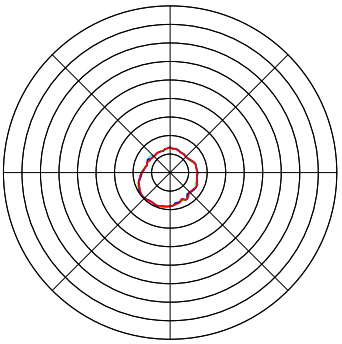
2760 ft / 16007.16 ft²



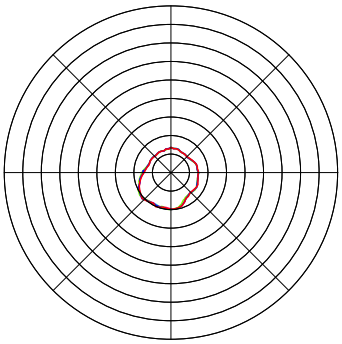
2770 ft / 14153.65 ft²



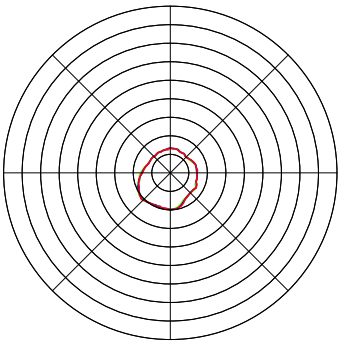
2780 ft / 14086.98 ft²



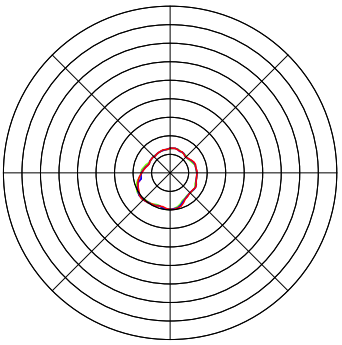
2790 ft / 14617.50 ft²



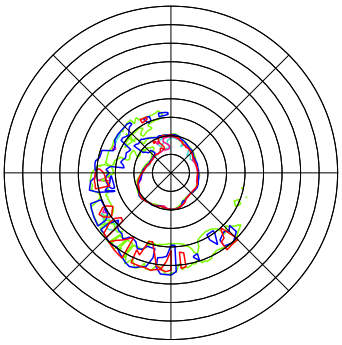
2800 ft / 15144.74 ft²



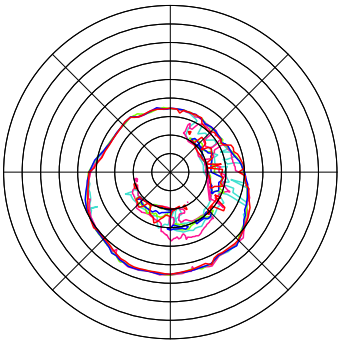
2810 ft / 15258.75 ft²



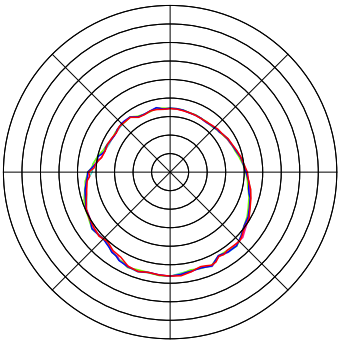
2820 ft / 15225.38 ft²



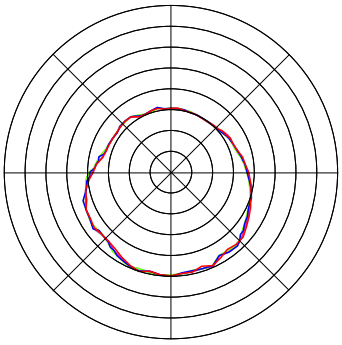
2830 ft / 26155.03 ft²



2840 ft / 111289.50 ft²



2850 ft / 121063.26 ft²



2860 ft / 120891.95 ft²

*All sections are oriented to Magnetic North.

Magnetic Declination= 0.8°

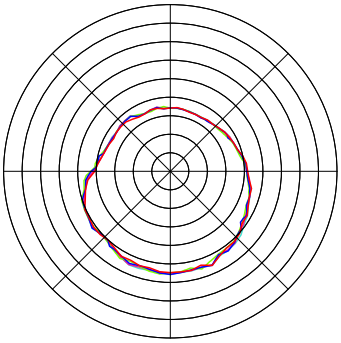
CUSTOMER : Eagle US 2, LLC	CAVERN : PPG No. 007B	
DATE : March 16, 2023	OPERATION No. : 5	

HORIZONTAL SECTIONS

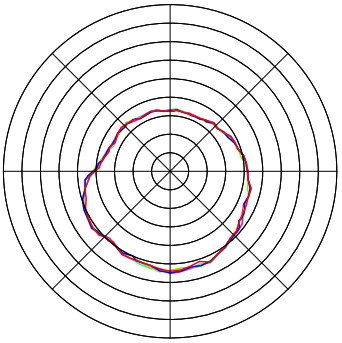
between 2870 ft and 2980 ft

Operation No. 5 (03/23) Operation No. 4 (02/23) Operation No. 3 (01/23) Operation No. 2 (11/22) Operation No. 1 (03/22)

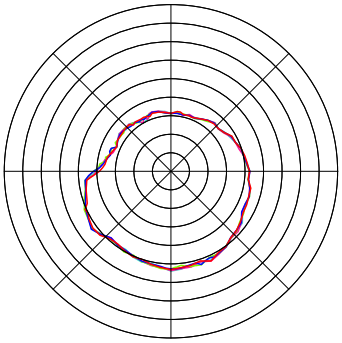
SCALE 50.0 ft per division



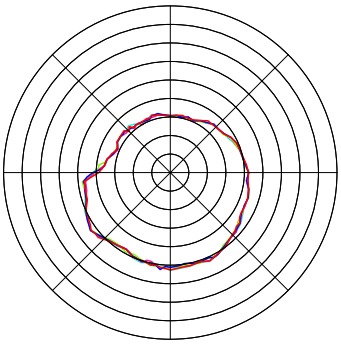
2870 ft / 118470.32 ft²



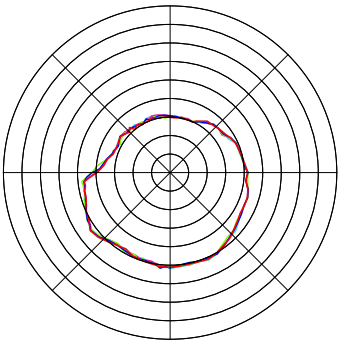
2880 ft / 113679.19 ft²



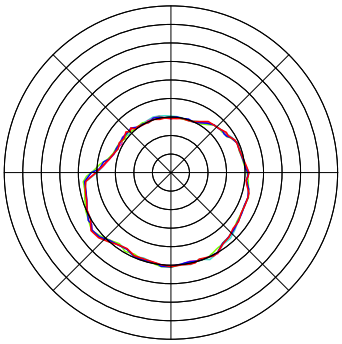
2890 ft / 110807.52 ft²



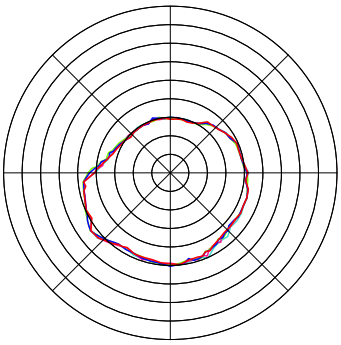
2900 ft / 109100.07 ft²



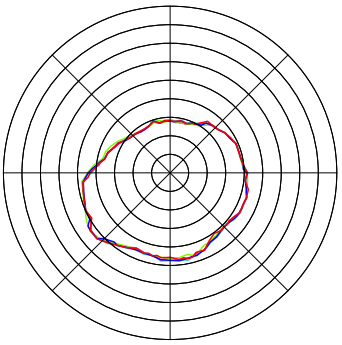
2910 ft / 107062.36 ft²



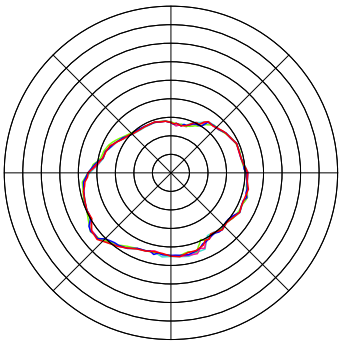
2920 ft / 105677.09 ft²



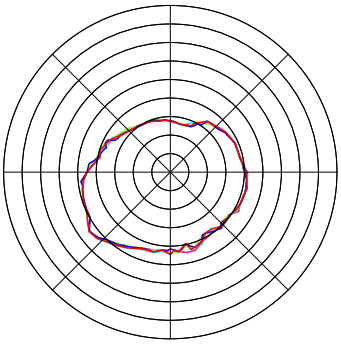
2930 ft / 101999.82 ft²



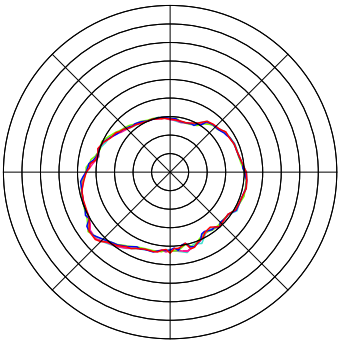
2940 ft / 98600.31 ft²



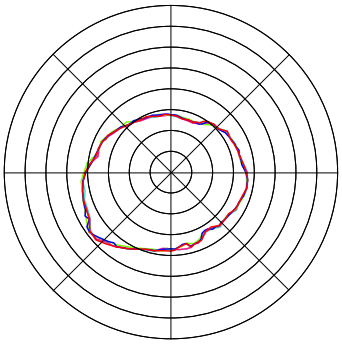
2950 ft / 97631.95 ft²



2960 ft / 97420.80 ft²



2970 ft / 98229.61 ft²



2980 ft / 100312.02 ft²

*All sections are oriented to Magnetic North.

Magnetic Declination= 0.8°

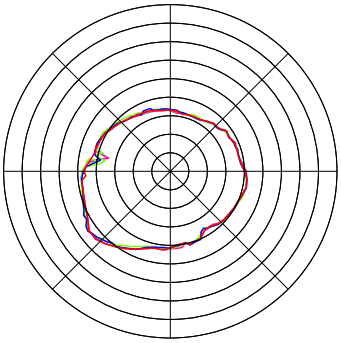
CUSTOMER : Eagle US 2, LLC	CAVERN : PPG No. 007B	
DATE : March 16, 2023	OPERATION No. : 5	

HORIZONTAL SECTIONS

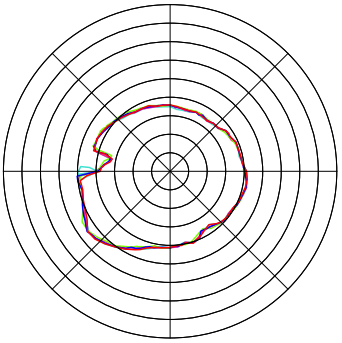
between 2990 ft and 3100 ft

Operation No. 5 (03/23) Operation No. 4 (02/23) Operation No. 3 (01/23) Operation No. 2 (11/22) Operation No. 1 (03/22)

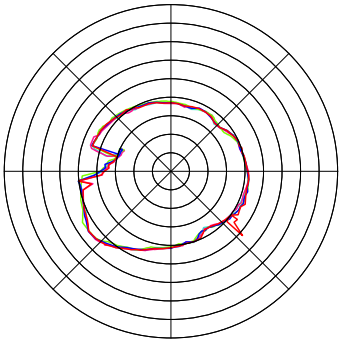
SCALE 50.0 ft per division



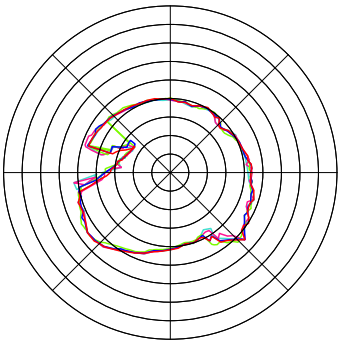
2990 ft / 102616.46 ft²



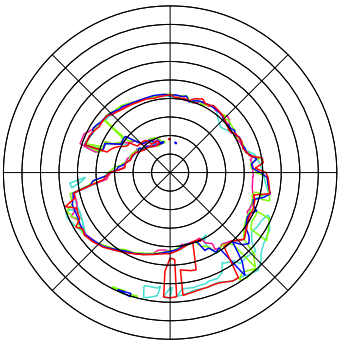
3000 ft / 104174.82 ft²



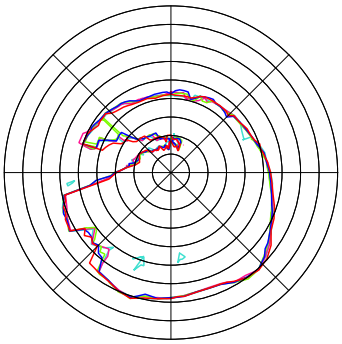
3010 ft / 107967.03 ft²



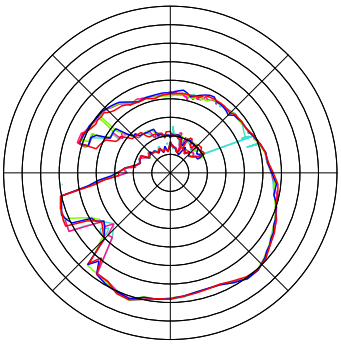
3020 ft / 117329.12 ft²



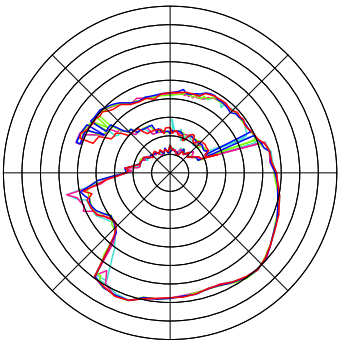
3030 ft / 138625.76 ft²



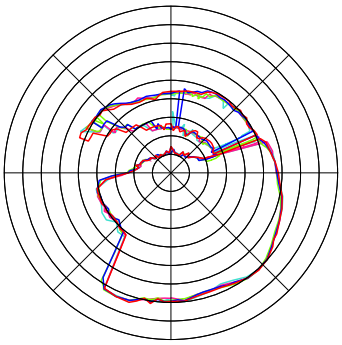
3040 ft / 177463.05 ft²



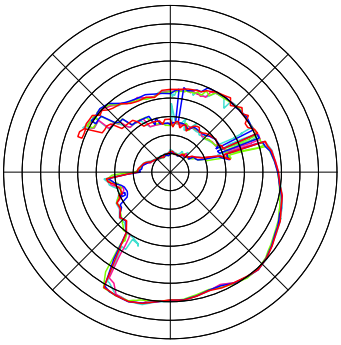
3050 ft / 174922.63 ft²



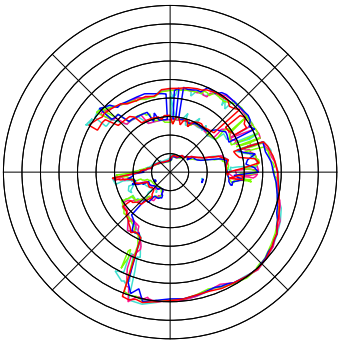
3060 ft / 165951.32 ft²



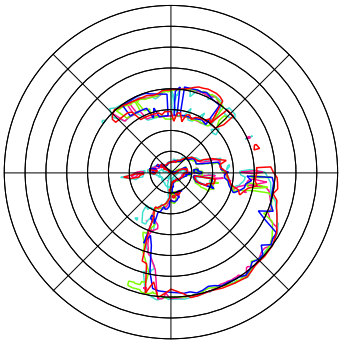
3070 ft / 159768.29 ft²



3080 ft / 151362.62 ft²



3090 ft / 127273.37 ft²



3100 ft / 93116.54 ft²

*All sections are oriented to Magnetic North.

Magnetic Declination= 0.8°

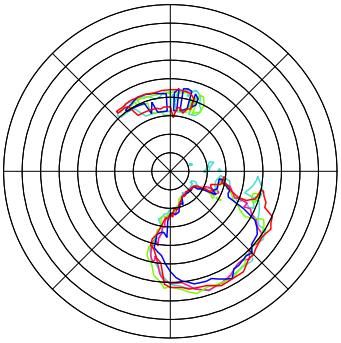
SONIC SURVEYS	CUSTOMER : Eagle US 2, LLC	CAVERN : PPG No. 007B	
	DATE : March 16, 2023	OPERATION No. : 5	

HORIZONTAL SECTIONS

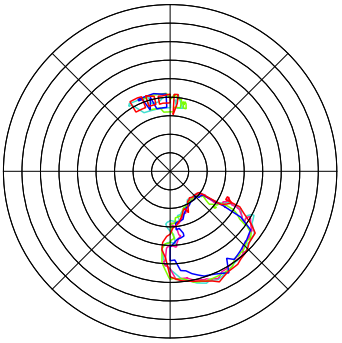
between 3110 ft and 3140 ft

Operation No. 5 (03/23) Operation No. 4 (02/23) Operation No. 3 (01/23) Operation No. 2 (11/22) Operation No. 1 (03/22)

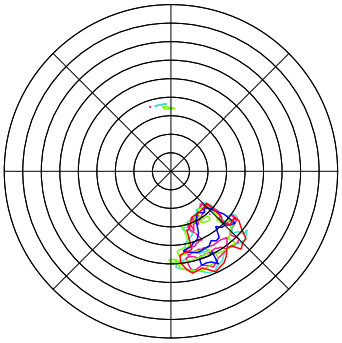
SCALE 50.0 ft per division



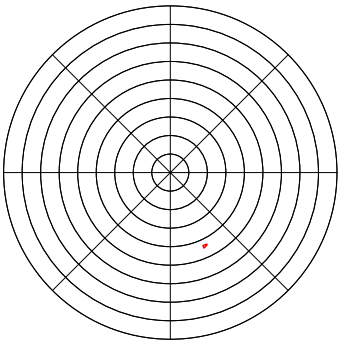
3110 ft / 57239.76 ft²



3120 ft / 34868.00 ft²



3130 ft / 15083.18 ft²



3140 ft / 42.94 ft²

*All sections are oriented to Magnetic North.

Magnetic Declination= 0.8°

SONIC SURVEYS

CUSTOMER	: Eagle US 2, LLC	CAVERN	:PPG No. 007B
DATE	: March 16, 2023	OPERATION No.	:5

WALL RANGES VS DEPTH

DEPTH	2501.0		TILT	0		VOS	5937.34	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
24	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
48	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
72	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
96	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
120	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
144	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
168	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
192	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
216	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
240	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
264	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
288	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
312	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
336	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6

DEPTH	2503.0		TILT	0		VOS	5935.04	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
24	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
48	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
72	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
96	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
120	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
144	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
168	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
192	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
216	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
240	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
264	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
288	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
312	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
336	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6

DEPTH	2505.0		TILT	0		VOS	5935.04	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
24	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
48	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
72	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
96	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
120	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
144	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
168	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
192	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
216	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
240	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
264	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
288	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
312	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
336	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6

SONIC SURVEYS

CUSTOMER	: Eagle US 2, LLC	CAVERN	:PPG No. 007B
DATE	: March 16, 2023	OPERATION No.	:5

WALL RANGES VS DEPTH

DEPTH	2506.9		TILT	0		VOS	5935.04	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
24	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
48	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
72	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
96	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
120	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
144	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
168	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
192	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
216	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
240	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
264	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
288	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
312	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
336	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6

DEPTH	2510.1		TILT	0		VOS	5935.04	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
24	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
48	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
72	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
96	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
120	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
144	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
168	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
192	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
216	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
240	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
264	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
288	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
312	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
336	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6

DEPTH	2514.0		TILT	0		VOS	5935.04	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
24	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
48	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
72	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
96	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
120	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
144	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
168	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
192	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
216	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
240	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
264	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
288	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
312	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
336	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6

SONIC SURVEYS

CUSTOMER : Eagle US 2, LLC
DATE : March 16, 2023
CAVERN :PPG No. 007B
OPERATION No. :5

WALL RANGES VS DEPTH

DEPTH	2515.9		TILT	0		VOS	5937.34	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	162.9	164.8	167.2	164.5	162.3	163.5	165.2	166.9
24	169.0	165.8	168.1	165.7	165.8	165.6	165.8	164.4
48	158.6	160.5	158.0	158.8	160.0	158.6	157.7	156.9
72	156.5	156.3	156.5	154.4	152.8	153.6	154.8	154.6
96	154.8	155.4	156.5	156.0	155.9	156.9	158.3	158.2
120	158.6	157.3	156.5	163.5	171.6	172.8	174.5	177.5
144	181.2	183.8	186.9	190.0	196.4	202.4	195.9	200.9
168	206.7	206.1	202.1	203.9	202.3	200.1	197.0	195.0
192	195.6	196.8	198.5	198.7	199.4	198.4	198.0	189.6
216	182.4	177.1	181.0	177.8	176.1	174.7	173.7	171.4
240	172.2	172.4	173.0	172.9	173.3	172.2	171.6	171.4
264	171.6	169.5	167.8	169.5	171.6	169.5	167.8	167.7
288	168.1	168.3	169.0	168.8	169.0	168.2	167.8	168.2
312	169.0	169.5	170.4	171.6	165.5	170.3	176.4	169.3
336	171.3	168.9	167.0	165.1	166.4	165.7	168.1	165.2

DEPTH	2518.0		TILT	0		VOS	5935.04	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	167.8	168.7	166.9	166.7	164.0	165.8	168.0	167.8
24	168.0	168.4	169.2	166.6	166.6	165.1	165.8	164.6
48	161.7	161.3	161.4	159.6	159.8	158.5	157.6	156.7
72	156.2	156.1	156.5	154.8	154.7	154.5	154.7	154.2
96	154.1	156.2	157.4	156.1	154.7	156.7	158.5	158.4
120	160.2	161.7	163.7	167.0	170.9	174.3	177.2	180.3
144	183.9	186.4	190.1	196.2	198.3	203.0	203.4	204.1
168	205.4	205.4	203.1	203.2	204.0	201.5	199.6	197.1
192	195.3	197.6	198.9	200.5	201.1	197.0	197.8	192.8
216	192.6	186.7	181.6	179.5	177.9	176.3	175.3	173.9
240	173.0	172.9	173.6	173.4	173.0	173.0	172.7	171.8
264	173.0	172.1	171.8	170.6	172.0	170.0	168.5	169.0
288	169.8	170.1	170.9	168.9	167.5	167.4	167.8	168.4
312	169.5	168.5	168.0	168.1	168.6	171.4	177.1	171.6
336	172.4	169.4	166.9	167.7	168.9	167.4	168.5	166.8

DEPTH	2520.1		TILT	0		VOS	5935.04	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	168.5	168.8	166.6	166.9	164.3	166.2	168.1	168.1
24	168.5	168.8	169.6	167.4	167.5	164.7	165.8	164.8
48	162.8	161.6	160.8	160.0	159.6	158.4	157.6	156.5
72	155.9	156.0	156.5	155.2	154.4	155.8	157.5	156.6
96	156.1	156.9	158.2	156.2	154.7	156.5	158.8	158.6
120	161.3	165.5	164.3	172.4	172.1	175.6	179.8	182.9
144	186.6	188.9	191.8	195.6	200.2	203.6	207.7	206.6
168	206.0	204.7	204.0	203.2	203.1	201.2	205.3	197.9
192	196.4	197.6	199.3	200.4	200.6	196.6	197.7	191.7
216	194.7	186.7	185.2	179.4	178.0	176.5	175.4	174.1
240	173.3	173.4	174.2	173.8	174.1	173.7	173.8	172.3
264	171.2	171.3	171.8	171.9	172.4	170.5	169.2	168.8
288	168.9	168.5	171.3	169.3	167.9	167.7	168.2	168.6
312	169.5	168.8	168.3	168.4	168.9	172.5	177.8	173.7
336	174.0	170.2	168.9	167.1	169.3	167.1	168.9	167.1

SONIC SURVEYS

CUSTOMER : Eagle US 2, LLC
DATE : March 16, 2023
CAVERN :PPG No. 007B
OPERATION No. :5

WALL RANGES VS DEPTH

DEPTH	2530.0		TILT	0		VOS	5935.04	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	172.4	169.7	167.5	167.8	168.6	168.2	168.3	169.9
24	170.8	170.9	172.1	170.5	169.5	167.4	165.7	165.6
48	166.0	165.1	164.6	163.0	162.0	161.0	160.5	159.6
72	159.1	160.0	161.4	158.8	156.7	157.3	158.3	157.3
96	156.8	156.0	155.6	157.8	160.5	161.0	162.0	164.6
120	166.7	167.4	167.5	174.7	175.0	180.9	187.7	192.0
144	197.0	195.4	194.4	201.4	195.1	206.5	213.4	207.7
168	209.5	207.7	206.6	206.3	206.6	202.4	207.1	202.3
192	198.3	204.8	202.5	200.2	198.5	194.6	197.2	186.5
216	193.3	186.7	184.8	184.0	183.7	180.3	177.6	177.5
240	177.9	176.3	175.3	175.9	177.0	174.6	172.8	170.2
264	168.8	169.6	170.8	169.5	174.7	173.4	172.7	171.4
288	170.6	171.7	173.3	171.3	169.8	169.3	169.2	169.5
312	170.4	170.6	171.2	170.8	170.9	174.4	178.5	177.1
336	176.2	174.3	173.0	171.7	170.9	170.6	170.6	171.3

DEPTH	2540.0		TILT	0		VOS	5935.04	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	175.3	173.6	172.4	171.1	170.4	171.1	172.4	172.4
24	173.0	172.9	173.3	173.0	173.1	173.1	173.5	171.1
48	169.2	165.9	163.1	161.6	160.5	160.0	159.9	160.0
72	160.5	161.0	162.0	160.3	159.1	160.3	162.0	160.4
96	159.4	156.6	154.4	154.5	155.0	159.4	164.6	163.2
120	162.2	164.1	176.3	174.3	179.8	184.7	190.0	192.2
144	195.0	194.9	195.0	196.3	198.2	210.4	211.0	206.2
168	209.7	209.5	209.7	209.5	209.7	209.3	209.5	205.6
192	202.5	203.0	204.0	201.3	199.3	194.3	190.1	187.6
216	191.9	183.6	182.5	182.5	183.0	179.3	177.3	176.8
240	176.7	173.5	180.6	170.8	171.2	172.4	164.3	172.9
264	172.1	171.7	171.8	171.7	172.1	171.3	170.9	170.7
288	170.9	171.4	172.4	171.9	171.8	171.4	171.5	172.6
312	174.1	173.6	173.5	173.6	174.1	172.9	180.1	179.0
336	178.3	174.0	175.6	174.2	173.3	173.3	173.8	174.3

DEPTH	2550.0		TILT	0		VOS	5935.04	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	174.1	174.3	175.0	173.3	172.1	173.3	175.0	173.9
24	173.3	174.2	175.6	173.9	172.8	170.4	168.6	167.5
48	166.9	165.8	165.1	164.0	163.4	163.0	163.1	161.7
72	160.8	160.1	159.9	160.3	161.1	161.0	161.4	161.4
96	162.0	159.1	156.7	159.0	159.1	160.9	163.1	166.3
120	170.1	173.9	178.5	181.6	185.4	188.6	192.4	194.7
144	197.5	198.4	199.9	200.0	200.7	211.1	219.0	210.9
168	216.4	214.2	212.6	211.6	211.2	210.3	209.5	206.8
192	204.8	204.3	204.2	201.8	199.9	195.9	192.7	190.3
216	188.6	186.0	184.0	181.1	178.8	177.6	177.0	177.5
240	178.5	173.6	175.2	173.8	172.8	172.7	165.7	167.2
264	169.2	170.8	173.0	172.6	172.7	171.9	171.5	171.6
288	172.1	172.4	173.3	172.3	171.8	172.1	173.0	173.3
312	174.1	173.7	173.8	172.6	176.9	174.4	177.6	179.1
336	181.1	177.4	174.4	173.7	173.5	174.6	176.2	174.9

SONIC SURVEYS

CUSTOMER : Eagle US 2, LLC
DATE : March 16, 2023
CAVERN :PPG No. 007B
OPERATION No. :5

WALL RANGES VS DEPTH

DEPTH	2559.9		TILT	0		VOS	5935.04	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	172.7	172.7	173.3	173.4	174.1	173.6	175.3	175.9
24	177.6	176.4	176.4	173.8	173.3	171.6	170.4	170.6
48	171.4	167.4	164.0	164.8	166.0	162.7	162.5	160.6
72	161.7	161.7	162.2	161.7	161.7	161.2	161.1	159.0
96	157.3	159.1	161.4	159.4	157.9	161.8	166.3	168.6
120	171.5	175.8	178.7	180.9	184.0	187.3	191.3	194.1
144	202.2	200.5	199.3	200.6	202.5	208.5	220.6	213.9
168	217.7	215.5	215.0	213.8	213.2	211.0	209.5	207.3
192	205.7	205.4	205.7	202.2	199.3	196.0	193.3	190.1
216	187.4	185.1	183.4	181.9	180.9	180.7	181.1	178.6
240	176.7	178.0	179.9	172.9	173.5	166.8	167.2	167.1
264	167.5	169.5	172.1	172.3	173.0	172.3	172.1	172.0
288	172.4	172.3	172.7	173.0	173.8	173.0	172.7	172.7
312	173.3	173.6	174.4	175.5	177.0	176.9	177.3	180.5
336	180.8	177.4	174.7	175.0	175.9	174.7	178.9	175.3

DEPTH	2570.0		TILT	0		VOS	5938.32	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	172.8	172.2	172.8	175.4	178.5	177.0	176.0	177.3
24	179.1	178.2	177.7	177.5	177.7	176.3	175.4	172.1
48	169.3	168.9	169.0	166.1	163.8	163.6	163.8	164.3
72	165.2	163.0	161.2	161.1	161.5	161.0	160.9	160.5
96	160.6	158.9	157.7	157.8	158.3	162.2	166.7	166.7
120	167.3	169.7	181.4	173.5	184.9	188.4	192.7	195.8
144	200.7	202.1	204.3	201.4	202.9	213.0	219.7	219.1
168	219.7	216.5	219.4	216.9	215.1	215.1	215.7	209.6
192	208.4	207.0	206.9	203.7	202.3	198.7	195.7	193.9
216	192.8	188.4	184.7	183.5	182.9	181.8	181.2	181.4
240	182.1	176.4	176.4	169.1	167.3	170.2	168.0	168.2
264	172.2	172.5	173.4	172.2	171.6	171.5	171.9	172.1
288	172.8	172.7	173.1	172.4	172.2	172.2	172.8	172.8
312	173.4	173.7	174.5	174.4	174.8	178.4	174.3	178.4
336	183.1	175.9	175.4	173.5	172.2	176.3	177.6	174.6

DEPTH	2579.6		TILT	0		VOS	5935.04	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	173.3	172.7	172.7	174.7	177.3	174.6	174.9	176.1
24	173.3	176.3	176.4	174.0	172.1	170.7	169.8	169.8
48	170.4	169.0	169.2	166.4	164.6	163.9	163.7	163.9
72	164.6	164.2	164.3	162.4	161.1	160.9	161.1	160.9
96	161.1	159.0	157.3	159.7	162.5	165.1	166.7	169.7
120	173.8	177.6	181.9	184.3	187.2	191.3	199.0	197.6
144	201.3	203.8	206.9	206.4	206.6	213.1	220.8	220.0
168	219.9	215.0	218.7	218.1	216.2	215.8	216.1	208.9
192	207.1	207.9	209.2	203.2	204.3	199.0	192.7	192.4
216	192.6	189.6	187.3	185.7	184.6	184.0	184.0	183.0
240	182.5	175.4	169.2	170.9	169.0	168.9	169.3	169.5
264	170.1	171.0	172.4	171.9	170.9	171.1	171.8	171.7
288	172.1	171.4	172.6	171.2	172.1	171.6	171.5	172.1
312	173.3	173.3	173.8	173.5	173.5	177.6	176.7	178.3
336	180.5	180.1	180.2	177.2	174.7	176.6	176.1	173.9

SONIC SURVEYS

CUSTOMER : Eagle US 2, LLC
DATE : March 16, 2023
CAVERN :PPG No. 007B
OPERATION No. :5

WALL RANGES VS DEPTH

DEPTH	2590.1		TILT	0		VOS	5938.32	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	173.6	175.3	177.5	175.4	173.9	174.4	175.4	175.4
24	176.0	176.0	176.5	173.5	171.0	170.9	171.3	170.5
48	170.2	169.5	169.3	169.3	169.9	165.8	162.3	163.4
72	164.9	161.9	159.4	159.9	160.9	159.6	158.9	158.8
96	159.2	158.9	159.2	161.4	164.1	166.1	168.7	171.5
120	174.8	168.5	181.8	178.0	184.9	186.0	196.6	193.6
144	201.6	202.7	204.4	205.2	206.7	214.1	222.6	218.0
168	221.4	217.8	217.8	219.4	217.4	216.7	216.5	211.7
192	207.5	207.1	207.3	207.5	208.4	201.3	195.1	192.3
216	190.2	187.1	184.7	184.3	184.4	183.8	183.8	183.7
240	184.1	177.2	171.3	170.5	170.2	170.6	171.6	171.1
264	171.0	170.4	170.2	170.2	170.7	171.4	172.5	171.7
288	171.3	171.7	172.5	171.8	171.6	172.1	173.1	172.8
312	173.1	172.7	172.8	172.4	172.5	176.2	173.9	173.9
336	180.3	180.2	180.6	177.0	173.9	173.7	173.9	173.5

DEPTH	2600.0		TILT	0		VOS	5938.32	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	170.7	170.8	174.1	171.4	171.9	173.5	175.7	176.4
24	177.7	177.7	178.2	172.8	168.1	167.5	167.3	166.9
48	167.0	167.2	167.8	167.8	168.1	164.7	161.8	161.5
72	161.8	159.3	157.4	157.6	158.3	158.5	159.2	158.1
96	157.4	157.3	157.7	160.0	162.9	164.6	166.7	169.4
120	172.8	168.8	181.4	176.4	180.6	180.9	193.3	194.8
144	200.3	195.4	204.9	208.9	205.1	212.3	222.0	220.7
168	220.0	218.1	216.8	216.1	215.9	215.5	215.7	209.7
192	207.0	206.7	207.8	207.4	207.5	204.5	202.0	198.1
216	194.8	192.5	190.7	187.4	184.7	184.4	184.7	183.5
240	182.9	177.1	172.2	172.1	172.5	172.7	173.4	171.9
264	171.0	170.5	170.5	171.2	172.5	172.2	172.5	172.0
288	171.9	171.5	171.6	171.4	171.6	172.5	173.9	172.2
312	171.0	171.4	172.2	172.2	172.8	173.5	174.8	173.5
336	180.9	180.2	180.0	176.4	173.3	173.2	172.5	171.4

DEPTH	2604.9		TILT	0		VOS	5938.32	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	173.1	172.5	172.5	171.5	171.0	172.1	173.6	175.1
24	177.1	176.1	175.7	172.9	170.7	170.4	170.5	168.9
48	167.8	167.6	167.8	167.6	167.8	164.1	160.9	160.8
72	161.2	161.1	161.5	158.9	156.8	157.9	159.4	159.7
96	160.3	157.3	154.8	158.3	162.3	164.7	167.6	169.6
120	172.2	169.8	178.1	177.7	178.0	184.3	191.6	195.3
144	199.7	199.2	204.0	206.2	204.4	211.5	219.7	219.1
168	219.1	219.3	220.0	217.2	215.1	212.9	211.3	208.7
192	206.7	206.5	207.0	206.8	207.3	204.2	201.7	198.0
216	194.8	189.2	189.9	184.4	184.9	184.5	184.7	185.0
240	185.8	178.8	185.6	174.8	173.5	173.0	172.9	171.2
264	170.5	171.2	172.5	171.7	171.3	170.8	170.7	171.5
288	172.8	171.8	171.3	171.5	172.2	171.7	171.6	171.4
312	171.6	170.9	170.7	170.9	171.6	171.1	171.0	175.7
336	181.2	180.2	179.7	176.1	173.1	173.0	173.4	173.0

SONIC SURVEYS

CUSTOMER : Eagle US 2, LLC
DATE : March 16, 2023
CAVERN :PPG No. 007B
OPERATION No. :5

WALL RANGES VS DEPTH

DEPTH	2610.6		TILT	0		VOS	5938.32	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	175.9	172.7	170.1	170.3	170.9	171.4	172.5	173.6
24	175.2	174.7	174.8	174.1	174.0	171.6	169.8	168.2
48	167.1	166.8	167.1	166.8	167.1	164.1	161.7	160.9
72	160.5	162.0	164.0	160.0	156.7	157.4	158.6	158.4
96	158.6	156.2	154.4	156.2	158.6	160.7	163.2	165.3
120	167.8	170.8	174.4	177.0	180.2	183.9	188.2	191.9
144	196.3	199.3	202.9	203.2	204.0	211.2	218.8	214.0
168	220.2	218.1	216.7	216.4	216.7	214.5	212.9	210.6
192	209.0	206.4	204.4	203.7	203.6	200.8	198.6	194.6
216	191.3	189.5	188.2	187.0	186.3	185.1	184.4	182.8
240	181.7	181.4	181.7	177.9	174.8	173.4	172.5	171.8
264	171.7	170.1	169.0	169.1	169.8	169.9	170.5	171.3
288	172.5	171.8	171.7	170.7	170.1	170.7	171.7	171.5
312	171.7	171.1	170.9	172.2	174.0	175.5	177.5	179.1
336	181.3	177.7	174.8	173.4	172.5	172.6	173.2	174.3

DEPTH	2615.1		TILT	89		VOS	5964.57	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	101.1	101.0	100.8	100.8	100.8	100.8	100.8	100.8
24	100.8	101.1	101.4	101.1	100.8	101.0	101.1	101.0
48	100.8	100.7	100.5	100.5	100.5	100.5	100.5	100.7
72	100.8	100.8	100.8	100.8	100.8	101.1	101.4	101.4
96	101.4	101.5	101.7	101.4	101.1	101.0	100.8	100.8
120	100.8	100.8	100.8	100.8	100.8	100.8	100.8	101.0
144	101.1	101.1	101.1	101.1	101.1	101.2	101.4	101.8
168	102.3	101.7	101.1	101.0	100.8	100.8	100.8	101.0
192	101.1	101.2	101.4	101.1	100.8	100.8	100.8	101.0
216	101.1	101.2	101.4	101.1	100.8	101.0	101.1	101.2
240	101.4	101.7	102.0	101.7	101.4	101.2	101.1	101.2
264	101.4	101.4	101.4	101.2	101.1	101.5	102.0	101.8
288	101.7	101.5	101.4	101.4	101.4	102.0	102.5	101.8
312	101.1	101.4	101.7	101.4	101.1	101.7	102.3	102.3
336	102.3	102.0	101.7	101.5	101.4	101.4	101.4	101.2

DEPTH	2615.1		TILT	87		VOS	5964.57	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	101.4	101.2	101.1	101.1	101.1	101.1	101.1	101.1
24	101.1	101.1	101.1	101.0	100.8	101.0	101.1	101.1
48	101.1	101.0	100.8	100.8	100.8	101.1	101.4	101.2
72	101.1	101.7	102.3	101.5	100.8	100.8	100.8	100.8
96	100.8	100.8	100.8	100.8	100.8	100.8	100.8	100.8
120	100.8	100.8	100.8	100.8	100.8	100.8	100.8	100.8
144	100.8	100.7	100.5	100.7	100.8	100.8	100.8	100.8
168	100.8	100.8	100.8	100.8	100.8	100.8	100.8	100.8
192	100.8	100.8	100.8	100.8	100.8	100.8	100.8	100.8
216	100.8	100.8	100.8	100.8	100.8	101.0	101.1	101.1
240	101.1	101.0	100.8	101.0	101.1	101.4	101.7	101.4
264	101.1	101.1	101.1	101.4	101.7	101.4	101.1	101.1
288	101.1	101.2	101.4	101.2	101.1	101.1	101.1	101.1
312	101.1	101.1	101.1	101.1	101.1	101.1	101.1	101.1
336	101.1	101.4	101.7	101.4	101.1	101.2	101.4	101.4

SONIC SURVEYS

CUSTOMER : Eagle US 2, LLC
DATE : March 16, 2023
CAVERN :PPG No. 007B
OPERATION No. :5

WALL RANGES VS DEPTH

DEPTH	2615.1		TILT	82		VOS	5964.57	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	102.0	102.1	102.3	102.1	102.0	102.1	102.3	102.5
24	102.8	102.2	101.7	102.0	102.3	102.4	102.5	103.0
48	103.4	103.4	103.4	103.1	102.8	102.7	102.5	102.4
72	102.3	102.4	102.5	102.5	102.5	102.4	102.3	102.2
96	102.3	102.4	102.5	102.2	102.0	102.4	102.8	102.7
120	102.5	103.1	103.7	103.0	102.3	102.5	102.8	102.8
144	102.8	102.8	102.8	102.8	102.8	102.7	102.5	102.2
168	102.0	102.2	102.5	102.4	102.3	102.3	102.0	102.2
192	102.3	102.2	102.3	102.2	102.3	102.4	102.5	102.2
216	102.0	102.0	102.0	102.1	102.3	102.1	102.0	101.8
240	101.7	102.0	102.3	102.2	102.3	102.1	102.0	102.1
264	102.3	102.1	102.0	102.2	102.5	102.2	102.0	101.8
288	101.7	101.7	101.7	102.2	102.8	102.4	102.0	102.1
312	102.3	102.0	101.7	102.0	102.3	102.2	102.3	102.2
336	102.3	102.2	102.3	102.1	102.0	102.1	102.3	102.1

DEPTH	2615.1		TILT	77		VOS	5964.57	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	104.0	104.5	105.1	104.5	104.0	103.8	103.7	104.0
24	104.3	103.7	103.1	103.0	104.4	104.3	104.2	104.3
48	104.3	104.7	105.2	104.7	104.3	104.3	104.3	104.2
72	104.1	104.2	104.4	104.3	104.3	104.7	105.1	104.5
96	103.9	103.9	103.9	104.5	105.0	104.8	104.6	104.6
120	104.5	104.5	104.4	104.1	103.8	104.1	104.4	104.8
144	105.2	104.6	103.9	103.9	104.0	104.4	104.8	104.3
168	103.9	103.9	104.0	104.3	104.6	104.7	104.0	103.8
192	103.7	104.0	104.3	104.4	104.6	104.7	104.8	104.6
216	104.3	104.6	104.8	104.8	104.8	105.0	105.1	104.8
240	104.6	104.6	104.6	104.4	104.3	104.3	104.3	104.1
264	104.0	104.3	104.6	104.3	104.0	104.1	104.3	104.3
288	104.3	104.3	104.3	104.1	104.0	103.5	103.1	103.7
312	104.3	104.1	104.0	104.0	104.0	104.1	104.3	104.4
336	104.6	104.4	104.3	104.3	104.3	104.6	104.8	104.4

DEPTH	2615.1		TILT	72		VOS	5964.57	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	106.3	106.4	106.6	106.4	106.3	106.7	107.2	107.0
24	106.9	106.3	105.7	106.0	106.3	105.8	105.4	105.7
48	106.0	106.8	107.7	106.8	106.0	105.8	105.7	106.7
72	107.7	107.0	106.3	106.1	106.0	106.7	107.4	107.1
96	106.9	106.9	106.9	106.9	106.9	107.3	107.7	107.4
120	107.2	106.9	106.6	106.3	106.0	106.3	106.6	107.3
144	108.0	107.4	106.9	107.0	107.2	107.9	108.6	107.6
168	106.6	107.0	107.4	107.4	107.4	106.9	106.3	106.3
192	106.3	106.6	106.9	106.9	106.9	106.9	106.9	106.7
216	106.6	106.7	106.9	106.9	106.9	107.4	108.0	107.7
240	107.4	107.0	106.6	106.6	106.6	106.6	106.6	107.1
264	107.7	107.4	107.2	107.1	107.2	107.1	107.2	107.3
288	107.4	107.3	107.2	106.7	106.3	106.7	107.2	106.9
312	106.6	106.7	106.9	107.3	107.7	107.1	106.6	106.6
336	106.6	106.7	106.9	106.4	106.0	106.3	106.6	106.4

SONIC SURVEYS

CUSTOMER : Eagle US 2, LLC
DATE : March 16, 2023
CAVERN : PPG No. 007B
OPERATION No. : 5

WALL RANGES VS DEPTH

DEPTH	2615.1		TILT	67		VOS	5964.57	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	109.5	110.7	112.1	110.4	108.9	109.4	110.0	110.2
24	110.3	110.2	110.0	109.9	109.8	109.9	110.0	109.9
48	109.8	109.7	109.8	110.2	110.6	110.6	110.6	110.6
72	110.6	110.5	110.3	110.5	110.6	110.5	110.3	109.4
96	108.6	109.0	109.5	109.9	110.3	109.9	109.5	110.0
120	110.6	110.0	109.5	109.4	109.5	110.2	110.9	111.2
144	111.5	110.9	110.3	110.0	109.8	109.9	110.0	110.3
168	110.6	110.2	109.8	109.7	109.8	109.7	109.8	109.4
192	109.2	109.3	109.5	110.0	110.6	110.3	110.0	110.3
216	110.6	110.0	109.5	109.7	110.0	110.0	110.0	110.2
240	110.3	110.3	110.3	110.3	110.3	109.9	109.5	109.7
264	110.0	110.3	110.6	110.7	110.9	110.3	109.8	109.7
288	109.8	110.3	110.9	110.0	109.2	109.7	110.3	110.2
312	110.0	110.2	110.3	110.6	110.9	110.9	110.9	110.2
336	109.5	110.2	110.9	109.9	108.9	109.7	110.6	110.0

DEPTH	2615.1		TILT	62		VOS	5964.57	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	116.1	114.0	115.0	114.6	114.4	114.6	115.0	114.6
24	114.4	114.3	114.4	113.9	113.5	113.8	114.1	113.6
48	115.6	115.0	114.4	114.5	114.6	115.4	116.4	116.3
72	116.4	115.4	114.6	114.3	114.1	114.0	114.0	114.9
96	114.7	114.3	114.1	114.9	115.8	115.2	114.7	114.3
120	114.1	114.1	114.1	114.2	114.4	115.1	115.8	116.1
144	116.4	115.2	114.1	114.6	115.2	114.8	114.4	114.6
168	115.0	114.2	113.5	114.3	115.2	115.8	116.2	115.8
192	115.4	114.9	114.4	115.0	115.8	114.5	113.4	114.3
216	115.2	115.3	115.5	115.0	114.5	114.5	114.5	115.1
240	115.7	115.1	115.2	114.8	114.4	114.6	115.0	115.1
264	115.2	115.2	115.2	115.4	115.5	115.1	114.7	114.6
288	114.7	114.9	115.2	115.1	115.0	114.5	115.7	115.6
312	115.6	115.3	115.1	114.9	114.7	114.7	114.7	114.5
336	114.4	114.5	114.7	114.4	114.2	114.4	114.6	115.3

DEPTH	2615.1		TILT	57		VOS	5964.57	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	121.0	120.7	120.4	120.2	120.1	120.0	119.9	120.1
24	120.4	120.7	121.0	120.4	119.9	121.0	122.2	121.5
48	121.0	120.8	120.7	120.4	120.1	120.1	120.1	120.5
72	121.0	121.0	121.0	121.0	121.0	120.4	119.9	120.0
96	120.1	119.8	119.6	119.4	119.3	120.5	121.9	121.0
120	120.1	119.7	119.3	119.8	120.4	121.1	121.9	121.4
144	121.0	121.4	121.9	122.4	123.0	121.8	120.7	120.5
168	120.4	120.7	121.0	120.8	120.7	120.7	120.7	120.7
192	120.7	121.0	121.3	121.1	121.0	120.8	120.7	120.2
216	119.9	120.2	120.7	121.5	122.5	122.6	122.7	121.7
240	120.7	121.7	122.7	122.7	122.7	122.4	122.2	121.0
264	119.9	120.0	120.1	120.2	120.4	120.7	121.0	121.1
288	121.3	121.4	121.6	120.7	119.9	120.8	121.9	121.5
312	121.3	122.1	123.0	122.6	122.2	121.0	119.9	121.5
336	123.3	122.8	122.5	122.0	121.6	121.3	121.0	121.0

SONIC SURVEYS

CUSTOMER : Eagle US 2, LLC
DATE : March 16, 2023
CAVERN :PPG No. 007B
OPERATION No. :5

WALL RANGES VS DEPTH

DEPTH	2615.1		TILT	52		VOS	5964.57	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	129.7	130.3	131.1	130.3	129.7	128.9	128.2	128.6
24	129.1	127.4	125.9	127.1	128.5	128.9	129.4	129.3
48	129.4	130.0	130.8	128.7	126.8	128.3	130.0	128.7
72	127.7	128.0	128.5	128.5	128.5	128.6	128.8	128.7
96	128.8	129.0	129.4	128.7	128.2	129.2	130.3	129.6
120	129.1	128.5	127.9	129.3	130.8	129.9	129.1	129.0
144	129.1	129.5	130.0	129.8	129.7	130.0	130.5	129.9
168	129.4	128.6	127.9	127.7	127.7	127.9	128.2	129.5
192	130.8	129.2	127.7	128.4	129.4	130.2	131.1	129.9
216	128.8	128.6	128.5	128.7	129.1	128.7	128.5	128.5
240	128.5	128.2	127.9	128.3	128.8	128.9	129.1	128.6
264	128.2	129.5	130.8	130.2	129.7	129.2	128.8	128.7
288	128.8	129.2	129.7	129.0	128.5	129.5	130.5	129.2
312	127.9	128.6	129.4	129.0	128.8	128.7	128.8	129.2
336	129.7	129.9	130.3	129.0	127.9	128.5	129.1	129.3

DEPTH	2615.1		TILT	47		VOS	5964.57	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	141.5	141.3	141.2	140.6	140.1	140.6	141.2	141.4
24	141.8	138.9	136.3	138.5	140.9	140.6	140.4	139.5
48	138.9	138.7	138.6	138.4	138.3	138.0	137.8	138.2
72	138.9	139.3	139.8	140.0	140.4	138.8	137.5	140.6
96	139.0	139.2	139.6	139.9	140.4	140.5	140.6	140.8
120	141.1	141.1	141.3	141.9	142.6	141.8	141.1	140.9
144	141.3	140.8	140.5	140.1	139.9	141.5	143.1	141.3
168	139.7	140.0	140.5	140.8	141.3	140.0	141.2	140.1
192	139.2	140.0	140.9	139.5	138.3	138.2	141.9	140.8
216	139.8	138.3	139.2	140.0	140.9	140.4	140.1	139.0
240	138.0	138.7	139.5	139.3	139.2	140.0	140.9	140.1
264	139.5	140.1	140.9	139.8	138.9	140.4	142.1	141.0
288	140.1	141.1	142.4	140.7	139.2	139.3	139.5	139.1
312	138.9	139.1	139.5	140.1	140.9	140.6	140.4	139.5
336	138.9	139.3	139.8	140.3	140.9	139.7	138.6	140.0

DEPTH	2615.1		TILT	42		VOS	5964.57	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	155.5	154.2	154.2	152.1	155.0	154.4	154.1	154.9
24	156.0	154.4	153.1	153.0	154.8	154.2	153.9	152.8
48	151.9	152.4	153.1	151.9	151.0	152.4	153.9	153.1
72	152.5	151.8	151.3	151.9	152.8	153.5	154.5	155.5
96	156.8	154.4	152.2	152.4	152.8	153.9	155.4	153.6
120	152.2	152.8	153.6	152.8	152.2	152.1	152.2	150.9
144	153.6	152.8	153.8	154.5	157.1	156.8	156.8	155.1
168	153.6	153.2	153.1	153.4	153.9	153.5	153.3	152.8
192	152.5	153.5	154.8	154.4	154.2	153.4	152.8	153.7
216	154.8	154.1	153.6	154.2	155.1	155.4	155.9	152.7
240	149.9	151.8	153.9	154.4	155.1	153.8	152.8	152.9
264	153.3	154.2	155.4	153.6	152.2	151.9	151.9	151.8
288	151.9	153.2	154.8	153.4	152.2	153.4	154.8	154.5
312	154.5	153.8	153.3	153.2	153.3	154.9	156.8	156.8
336	157.1	156.8	156.8	153.2	153.3	152.6	152.1	153.8

SONIC SURVEYS

CUSTOMER : Eagle US 2, LLC
DATE : March 16, 2023
CAVERN :PPG No. 007B
OPERATION No. :5

WALL RANGES VS DEPTH

DEPTH	2615.1		TILT	37		VOS	5964.57	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	174.1	173.1	172.4	173.5	175.0	172.8	171.0	172.7
24	174.7	175.3	176.2	172.3	170.7	170.5	171.8	172.2
48	173.0	170.6	168.6	170.9	173.6	173.7	174.1	172.7
72	171.6	172.0	172.7	171.7	171.0	170.5	170.4	170.8
96	171.5	172.1	173.0	170.8	168.9	170.8	173.0	172.0
120	171.2	170.2	169.5	171.1	173.0	171.8	171.0	169.8
144	168.9	169.9	171.2	169.9	172.4	173.3	174.2	170.6
168	172.4	174.0	175.9	174.1	172.7	170.6	168.9	170.2
192	171.8	174.4	177.3	174.5	172.1	173.1	174.4	173.4
216	172.7	173.7	175.0	173.8	173.0	173.7	174.7	173.8
240	173.3	172.4	171.8	173.0	174.4	173.0	171.8	169.8
264	168.1	169.2	173.0	171.3	171.5	172.5	173.8	174.6
288	175.6	175.3	175.3	176.4	177.9	176.4	175.3	174.1
312	173.3	173.0	173.0	174.0	175.3	174.4	173.8	174.3
336	175.0	175.0	175.3	172.1	169.2	169.7	170.4	172.1

DEPTH	2615.1		TILT	32		VOS	5964.57	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	192.0	191.1	190.6	190.3	190.3	191.5	193.2	193.3
24	193.8	194.4	195.5	193.6	192.0	191.0	190.3	188.5
48	187.1	187.4	186.7	187.0	187.6	187.0	185.8	184.9
72	184.2	184.2	184.5	182.6	182.3	182.4	182.7	182.3
96	182.2	184.0	185.0	184.1	182.4	184.9	186.6	186.6
120	187.0	186.3	186.3	188.1	196.7	200.8	197.6	200.4
144	195.8	199.4	203.6	201.0	199.0	196.1	193.8	197.3
168	201.3	202.6	204.4	199.1	194.3	195.6	197.2	195.7
192	194.6	196.4	198.7	196.7	195.2	194.4	194.1	195.4
216	197.2	200.4	204.2	202.2	200.7	199.8	199.2	197.3
240	195.8	196.0	196.7	197.7	190.9	190.0	201.0	188.8
264	188.4	188.4	196.1	195.3	194.9	196.2	197.8	196.2
288	194.9	195.7	196.9	196.5	196.4	194.7	193.5	193.7
312	194.3	195.4	196.9	198.9	191.3	192.1	193.4	193.4
336	193.7	196.7	194.3	193.1	192.3	193.7	195.5	193.6

DEPTH	2615.1		TILT	27		VOS	5964.57	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	192.4	190.3	187.9	188.3	188.9	188.7	188.8	190.2
24	191.2	191.4	192.0	189.6	189.9	187.7	185.7	184.2
48	186.4	185.3	184.4	182.6	181.2	180.3	179.8	179.2
72	179.1	179.9	181.2	178.8	177.1	177.9	177.6	176.0
96	174.7	173.8	173.3	174.4	175.9	178.0	180.5	183.5
120	187.1	187.8	187.8	196.0	197.8	200.4	203.6	205.5
144	209.3	210.9	213.4	216.2	219.7	226.1	218.7	220.0
168	227.3	226.0	225.2	225.6	226.4	222.9	220.0	218.6
192	218.7	219.6	222.1	220.5	219.5	218.8	219.0	215.2
216	214.5	209.5	207.7	201.0	200.1	198.4	197.2	196.3
240	195.8	196.3	197.2	196.4	197.2	195.6	194.2	191.4
264	189.1	190.1	191.5	189.9	195.1	193.7	192.8	191.8
288	191.1	191.9	193.8	191.8	190.2	189.7	190.9	190.2
312	190.0	190.7	191.7	192.4	193.5	196.9	201.0	199.9
336	199.2	194.2	192.9	191.7	191.4	191.4	191.1	191.3

SONIC SURVEYS

CUSTOMER : Eagle US 2, LLC
DATE : March 16, 2023
CAVERN : PPG No. 007B
OPERATION No. : 5

WALL RANGES VS DEPTH

DEPTH	2615.1		TILT	22		VOS	5964.57	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	188.4	187.6	187.3	185.8	184.8	184.9	186.3	187.3
24	188.9	188.3	188.3	186.9	186.0	183.3	181.1	180.4
48	180.2	178.8	177.9	176.7	175.9	175.4	175.3	174.4
72	173.4	172.8	172.5	172.9	173.7	173.6	174.0	174.1
96	174.5	171.6	168.9	171.5	171.8	173.5	175.6	179.3
120	183.7	186.7	190.3	192.4	194.9	199.3	204.4	206.6
144	209.4	210.7	212.5	214.4	212.2	223.2	230.4	223.8
168	225.9	224.2	222.6	222.4	222.6	220.3	223.7	219.2
192	215.7	220.4	218.8	216.4	214.4	208.5	205.3	202.1
216	207.3	197.7	196.4	196.6	197.2	193.0	191.1	190.9
240	191.2	187.2	193.1	185.9	185.5	186.1	178.5	182.3
264	183.6	184.6	185.9	185.7	185.1	184.6	184.5	184.6
288	185.1	184.3	183.9	183.6	183.7	184.2	185.1	184.9
312	185.1	185.7	186.8	188.5	190.6	187.2	194.6	193.5
336	192.9	189.0	185.7	186.2	187.1	187.9	189.1	186.3

DEPTH	2615.1		TILT	17		VOS	5964.57	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	180.2	179.7	179.6	181.7	182.8	182.2	183.4	184.1
24	185.4	184.7	184.5	181.7	182.0	180.5	179.5	178.8
48	178.5	175.6	173.7	172.9	172.5	170.6	169.5	168.3
72	170.9	169.8	169.0	168.7	168.9	168.4	168.3	166.8
96	165.8	164.0	166.2	166.0	165.3	171.0	172.4	176.0
120	180.2	183.2	186.8	189.3	192.3	195.6	199.5	203.0
144	207.0	208.8	211.1	209.4	210.5	220.8	228.7	220.7
168	226.1	223.9	222.3	221.3	220.9	220.0	219.0	216.1
192	214.5	214.6	215.1	211.5	208.5	205.3	202.7	199.5
216	196.9	194.4	192.3	190.6	189.4	188.9	189.2	186.9
240	185.4	186.0	188.0	177.1	175.0	174.6	174.7	174.9
264	175.6	177.1	179.0	179.0	179.3	178.4	177.9	179.9
288	180.3	180.2	180.6	180.7	181.4	180.7	180.5	180.6
312	181.1	181.5	182.4	183.3	183.7	185.1	185.0	188.8
336	189.0	185.0	182.2	181.6	181.3	184.0	187.1	183.4

DEPTH	2615.1		TILT	12		VOS	5964.57	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	177.0	176.5	176.5	178.7	181.5	178.9	178.8	180.1
24	178.0	180.2	180.6	178.5	176.6	175.0	173.9	173.8
48	174.1	172.8	173.0	170.1	168.5	167.7	167.2	167.5
72	168.2	167.7	167.6	165.8	164.6	164.3	164.4	164.2
96	164.4	162.5	161.2	163.5	166.3	168.8	170.4	173.4
120	177.0	179.8	183.1	186.0	189.4	193.1	197.5	200.8
144	204.7	206.9	209.6	207.0	208.1	217.7	224.4	223.8
168	223.8	221.5	223.7	221.4	219.7	219.6	220.0	214.4
192	212.5	211.8	211.7	208.5	205.9	202.0	198.7	196.7
216	195.2	192.5	190.3	188.5	187.1	185.7	184.8	186.5
240	186.4	179.5	177.3	174.7	172.7	172.6	173.0	173.2
264	173.8	174.9	176.4	175.2	174.4	175.0	175.6	175.6
288	176.0	175.4	176.4	174.9	175.9	175.5	175.3	176.1
312	177.1	177.2	177.8	177.5	177.6	181.9	180.1	183.3
336	185.3	182.9	182.9	180.3	178.2	180.5	180.5	177.8

SONIC SURVEYS

CUSTOMER : Eagle US 2, LLC
DATE : March 16, 2023
CAVERN :PPG No. 007B
OPERATION No. :5

WALL RANGES VS DEPTH

DEPTH	2615.1		TILT	0		VOS	5941.27	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	171.7	170.9	170.5	169.6	169.1	171.7	174.9	175.7
24	176.9	175.8	175.2	173.3	172.0	168.7	165.9	166.2
48	167.1	166.4	166.2	164.1	162.4	161.2	160.4	160.3
72	160.7	158.3	156.3	156.8	157.8	158.1	158.9	157.7
96	156.9	155.8	155.2	158.1	161.5	163.3	165.6	168.9
120	172.9	174.9	177.5	179.7	182.4	187.2	192.9	195.2
144	198.1	200.2	203.0	203.7	205.0	211.1	218.1	217.9
168	218.4	216.5	215.2	214.7	214.9	212.1	210.0	207.8
192	206.2	206.1	206.5	202.7	199.5	196.8	194.6	192.0
216	190.0	186.8	184.2	184.3	185.0	183.8	183.0	184.0
240	185.6	181.4	177.8	176.1	174.9	173.9	173.4	171.3
264	169.7	169.6	170.0	169.7	170.0	170.6	171.7	171.2
288	171.1	170.9	171.1	170.7	170.8	170.9	171.4	170.7
312	170.5	170.9	171.7	173.3	175.5	177.4	179.8	176.9
336	174.6	174.2	174.3	172.8	171.7	174.0	176.9	174.0

DEPTH	2619.9		TILT	0		VOS	5961.29	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	171.7	171.2	171.2	170.9	171.2	172.3	174.0	175.9
24	178.4	176.5	175.2	174.7	174.6	170.1	166.2	166.2
48	166.5	166.0	166.0	164.3	163.1	161.2	159.9	160.3
72	161.1	158.3	156.1	156.9	158.2	158.2	158.7	157.7
96	157.0	156.1	155.6	158.6	162.2	164.0	166.2	169.5
120	173.5	175.5	178.1	180.7	183.8	187.8	192.5	195.2
144	198.6	200.8	203.8	203.9	204.6	212.4	221.4	219.5
168	218.2	216.4	215.3	214.3	213.9	212.1	211.0	208.6
192	206.9	206.8	207.2	203.7	200.9	197.5	194.8	192.4
216	190.5	187.0	184.1	184.5	185.3	184.2	183.6	184.9
240	186.7	182.1	178.1	176.2	174.9	175.1	175.8	172.6
264	170.0	169.6	169.7	169.8	170.3	170.9	172.0	171.8
288	172.0	172.6	173.7	172.1	170.9	171.1	171.7	171.2
312	171.2	171.5	172.3	173.5	175.2	177.9	181.3	177.9
336	175.2	174.2	173.7	172.8	172.3	174.2	176.6	173.9

DEPTH	2629.9		TILT	0		VOS	5961.29	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	171.7	170.5	169.7	170.3	171.4	171.9	172.9	174.6
24	176.9	175.8	175.2	173.1	171.4	168.0	165.1	165.6
48	166.5	165.6	165.1	163.4	162.2	160.8	159.9	159.7
72	159.9	157.6	155.9	156.9	158.5	158.5	159.0	158.1
96	157.6	155.8	154.4	158.0	162.2	163.6	165.4	168.8
120	172.9	175.2	178.1	180.1	182.7	187.5	193.1	195.5
144	198.6	201.4	204.9	204.2	204.0	211.5	220.2	218.7
168	217.9	216.3	215.3	213.7	212.7	210.4	208.7	208.4
192	208.7	205.7	203.5	200.6	198.3	194.8	191.9	190.9
216	190.5	186.6	183.3	184.4	186.2	184.9	184.1	185.3
240	187.0	182.3	178.4	177.1	176.3	174.7	173.5	172.9
264	172.9	171.6	170.9	171.2	172.0	172.2	172.9	171.8
288	171.2	171.8	172.9	171.5	170.6	170.8	171.4	170.8
312	170.6	171.2	172.3	173.5	175.2	177.9	181.3	180.1
336	179.5	176.2	173.5	172.5	172.0	173.5	175.5	173.3

SONIC SURVEYS

CUSTOMER : Eagle US 2, LLC
DATE : March 16, 2023
CAVERN : PPG No. 007B
OPERATION No. : 5

WALL RANGES VS DEPTH

DEPTH	2639.9		TILT	0		VOS	5964.57	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	170.7	170.3	170.4	169.3	168.6	171.3	174.4	175.3
24	176.7	175.6	175.0	172.4	170.4	169.4	168.9	167.7
48	166.9	165.8	165.2	163.6	162.6	161.2	160.3	159.5
72	159.1	160.5	162.3	159.7	157.7	157.9	158.5	158.0
96	158.0	156.1	154.8	157.8	161.4	162.5	164.0	167.5
120	171.5	174.4	177.9	180.5	183.7	187.6	192.3	194.9
144	198.1	200.5	203.6	203.3	203.6	210.0	217.4	217.6
168	218.3	216.1	214.5	213.7	213.4	212.1	211.4	208.3
192	205.9	206.2	207.0	203.7	201.0	197.8	195.2	192.9
216	191.2	187.5	184.5	184.8	185.7	183.5	181.9	184.4
240	187.4	184.7	182.5	180.4	178.8	177.2	176.2	172.5
264	169.5	169.4	169.8	170.1	171.0	171.3	172.1	171.2
288	170.7	171.4	172.7	171.1	170.1	170.7	171.8	171.0
312	170.7	171.2	172.1	173.3	175.0	177.3	180.2	179.7
336	179.6	176.1	173.3	172.3	171.8	173.4	175.6	172.9

DEPTH	2650.0		TILT	0		VOS	5964.57	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	171.5	170.1	169.2	169.3	169.8	171.6	173.8	175.2
24	177.0	175.5	174.4	171.7	169.5	168.8	168.6	167.1
48	166.0	165.2	164.9	162.9	161.4	160.2	159.4	159.2
72	159.4	160.5	162.0	159.7	158.0	158.3	159.1	157.7
96	156.8	155.4	154.5	157.3	160.6	163.2	166.3	168.2
120	170.7	173.0	175.9	179.0	182.8	186.2	190.3	193.4
144	197.2	200.2	203.9	203.6	203.9	209.9	216.9	217.6
168	218.9	216.2	214.3	213.7	213.7	211.8	210.5	207.7
192	205.6	206.3	207.6	204.3	201.6	197.9	194.9	192.6
216	190.9	187.4	184.5	184.6	185.1	183.2	181.9	183.4
240	185.4	184.8	184.8	178.3	172.7	170.7	169.2	169.3
264	169.8	169.4	169.5	170.3	171.5	171.4	171.8	171.2
288	171.0	171.4	172.4	171.0	170.1	171.0	172.4	171.1
312	170.4	170.6	171.2	172.9	175.0	177.0	179.6	176.9
336	174.7	173.6	173.0	171.9	171.2	173.3	175.9	173.4

DEPTH	2659.9		TILT	0		VOS	5964.57	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	171.0	170.0	169.5	168.8	168.6	170.3	172.4	173.7
24	175.6	174.6	174.1	171.7	169.8	168.6	167.8	166.5
48	165.8	164.8	164.3	162.6	161.4	160.2	159.4	159.2
72	159.4	157.9	156.8	156.7	157.1	157.5	158.3	157.5
96	157.1	155.1	153.6	157.1	161.1	162.8	164.9	166.9
120	169.5	172.8	176.7	178.5	180.8	185.4	190.9	194.0
144	197.8	200.1	203.0	202.7	203.0	210.8	219.7	218.3
168	217.4	215.7	214.5	213.7	213.4	210.9	209.1	206.7
192	205.0	205.0	205.6	202.2	199.5	196.8	194.6	191.9
216	189.7	187.3	185.4	183.8	182.8	181.1	179.9	181.9
240	184.5	182.1	180.2	176.1	172.7	170.4	168.6	169.3
264	170.4	169.7	169.5	169.3	169.5	171.3	173.6	172.3
288	171.5	171.7	172.4	171.4	171.0	171.2	171.8	171.2
312	171.0	171.3	172.1	172.9	174.1	176.3	179.0	178.9
336	179.3	175.1	171.5	171.2	171.2	172.6	174.4	172.4

SONIC SURVEYS

CUSTOMER : Eagle US 2, LLC
DATE : March 16, 2023
CAVERN :PPG No. 007B
OPERATION No. :5

WALL RANGES VS DEPTH

DEPTH	2669.9		TILT	0		VOS	5958.01	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	169.9	169.1	168.8	168.5	168.8	170.1	171.9	173.3
24	175.1	174.3	173.9	171.5	169.6	168.7	168.2	166.1
48	164.4	163.5	163.0	161.2	159.8	159.3	159.2	157.7
72	156.6	155.7	155.2	156.0	157.2	157.4	158.1	156.7
96	155.8	154.4	153.5	156.5	160.1	162.2	164.7	167.6
120	171.1	173.7	176.8	177.9	179.4	184.5	190.4	193.4
144	197.0	199.3	202.2	202.4	203.1	210.1	218.3	217.2
168	216.6	215.0	214.0	213.6	213.7	211.3	209.4	206.8
192	204.8	205.4	206.5	202.9	199.9	196.8	194.4	192.3
216	190.7	186.7	183.5	180.7	178.6	179.0	180.0	179.6
240	179.7	178.0	176.8	174.2	172.2	171.4	171.1	169.5
264	168.5	169.1	170.2	170.1	170.5	170.4	170.8	170.2
288	170.2	169.7	169.6	169.4	169.6	170.1	171.1	170.2
312	169.9	170.4	171.3	172.4	173.9	176.0	178.6	176.7
336	175.4	173.5	172.2	171.4	171.1	172.7	174.8	172.1

DEPTH	2680.0		TILT	0		VOS	5958.01	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	169.9	168.9	168.5	168.5	169.0	170.4	172.2	174.0
24	176.2	174.7	173.7	171.4	169.6	168.1	167.0	165.9
48	165.3	163.9	163.0	161.0	159.5	159.2	159.2	157.7
72	156.6	156.1	156.1	156.4	157.2	157.6	158.4	156.7
96	155.5	154.4	153.8	156.8	160.4	161.5	163.0	165.9
120	169.3	172.3	176.0	178.4	181.4	184.9	188.9	192.1
144	195.9	198.6	201.9	203.1	204.8	210.1	216.3	216.3
168	216.9	214.6	212.9	212.9	213.4	211.0	209.1	206.4
192	204.2	204.7	205.7	202.2	199.3	196.4	194.1	192.1
216	190.7	186.9	183.7	180.3	177.4	178.4	180.0	178.3
240	177.1	175.0	173.4	171.5	170.2	169.5	169.3	169.2
264	169.6	169.4	169.6	167.5	165.9	167.9	170.5	170.2
288	170.5	169.5	169.0	169.0	169.3	169.7	170.5	170.2
312	170.5	171.1	172.2	172.3	172.8	175.9	179.7	177.1
336	175.1	173.0	171.3	171.0	171.1	172.3	173.9	171.7

DEPTH	2692.1		TILT	0		VOS	5958.01	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	158.9	158.2	157.8	163.0	169.0	171.1	173.7	173.7
24	174.2	173.7	173.7	171.4	169.6	168.1	167.0	164.8
48	163.0	163.0	163.6	161.0	158.9	159.3	160.1	158.3
72	156.9	156.4	156.4	156.6	157.2	157.0	157.2	156.4
96	156.1	155.3	154.9	157.0	159.5	161.9	164.7	166.8
120	169.3	172.3	176.0	178.6	181.7	185.3	189.5	193.2
144	197.6	199.9	202.8	202.4	202.5	205.5	209.1	216.5
168	218.2	210.8	213.7	212.7	212.3	211.1	210.6	207.1
192	204.2	204.8	206.0	202.6	199.9	196.4	193.6	191.8
216	190.7	186.3	182.6	180.2	178.3	175.7	173.7	169.0
240	175.9	165.8	167.0	160.4	168.8	164.6	161.1	151.7
264	148.6	149.8	151.4	150.5	150.0	150.7	151.7	153.2
288	155.2	157.7	160.7	160.5	160.7	158.7	163.9	160.0
312	163.3	163.8	164.7	168.3	172.5	175.5	179.1	176.1
336	173.7	172.4	171.6	171.0	170.8	166.0	161.8	160.2

SONIC SURVEYS

CUSTOMER : Eagle US 2, LLC
DATE : March 16, 2023
CAVERN :PPG No. 007B
OPERATION No. :5

WALL RANGES VS DEPTH

DEPTH	2700.2		TILT	0		VOS	5958.01	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	144.2	144.0	144.2	154.5	166.7	168.2	170.3	166.2
24	162.7	163.3	173.8	165.3	166.7	164.9	163.6	159.9
48	156.9	159.5	162.7	160.7	159.2	159.3	159.8	158.6
72	157.8	156.7	156.1	156.9	158.1	157.7	157.8	156.6
96	155.8	154.0	152.6	156.0	160.1	161.9	164.1	164.0
120	164.3	163.8	163.8	166.6	175.9	179.8	184.4	188.2
144	187.2	187.5	188.4	189.8	191.8	192.8	194.4	194.8
168	202.0	201.9	202.3	202.1	202.3	197.1	201.9	201.2
192	201.0	198.9	197.4	195.0	193.3	193.4	194.1	187.0
216	187.2	183.3	180.1	177.4	175.2	165.5	165.3	162.9
240	161.0	155.4	150.6	147.1	144.2	140.5	137.3	136.0
264	135.0	137.8	141.1	144.0	147.4	149.9	152.9	154.1
288	155.8	153.2	151.2	146.8	143.1	143.5	152.3	146.0
312	148.3	150.5	153.2	153.4	154.0	156.0	163.6	161.7
336	165.6	162.9	160.7	157.4	154.6	155.6	156.9	150.1

DEPTH	2710.0		TILT	0		VOS	5958.01	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	124.1	122.6	121.5	132.9	147.1	149.1	151.4	149.5
24	148.0	148.2	148.9	148.2	148.0	145.1	142.8	136.9
48	131.8	139.1	136.8	148.1	148.9	151.2	154.0	155.4
72	157.2	156.3	155.8	155.7	156.1	156.3	156.9	156.3
96	156.1	154.0	152.3	152.8	153.8	150.6	148.0	145.9
120	144.2	143.5	143.1	149.7	157.5	160.0	163.0	167.9
144	173.7	171.8	176.9	170.7	171.3	172.4	173.9	176.1
168	178.7	177.2	182.9	182.0	181.5	175.1	181.7	179.4
192	188.2	177.8	176.5	174.3	172.5	171.7	171.3	166.5
216	167.8	159.8	157.8	157.3	157.2	150.2	144.2	140.3
240	137.0	133.0	129.5	127.3	125.5	124.0	122.9	120.1
264	117.7	127.6	139.6	140.7	142.2	143.3	144.8	144.6
288	144.8	145.2	146.0	139.9	134.7	130.7	127.2	127.9
312	129.0	135.6	143.4	144.0	145.1	144.0	151.6	145.2
336	147.4	145.0	143.1	140.8	139.0	137.6	136.5	129.8

DEPTH	2720.0		TILT	0		VOS	5958.01	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	99.8	102.6	105.9	113.7	123.2	126.0	129.2	129.9
24	131.0	130.8	131.0	130.7	130.7	129.3	128.4	120.3
48	113.4	111.2	109.3	116.3	114.9	131.8	140.2	139.4
72	139.0	139.3	139.9	143.9	148.6	148.9	149.7	146.6
96	144.0	141.3	139.0	141.5	144.5	142.4	140.6	134.0
120	128.4	130.8	133.6	133.1	133.0	137.1	141.9	145.8
144	150.3	152.6	155.5	156.1	157.2	156.3	155.8	157.3
168	159.2	159.3	159.8	160.3	161.3	160.5	160.1	158.1
192	156.6	155.8	155.5	158.4	161.8	161.3	161.3	158.4
216	156.1	152.0	148.6	140.5	133.6	129.7	126.4	122.9
240	120.0	115.4	111.4	107.3	103.9	100.9	98.4	101.9
264	105.9	112.6	120.6	121.7	123.2	123.5	124.1	122.4
288	121.2	120.9	120.9	111.4	103.6	106.1	109.1	110.7
312	112.8	119.2	126.6	127.0	127.8	126.5	125.5	123.0
336	120.9	122.4	124.3	124.0	124.1	111.7	115.3	100.7

SONIC SURVEYS

CUSTOMER : Eagle US 2, LLC
DATE : March 16, 2023
CAVERN :PPG No. 007B
OPERATION No. :5

WALL RANGES VS DEPTH

DEPTH	2729.8		TILT	0		VOS	5958.01	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	80.7	82.0	83.5	82.3	81.4	96.1	117.7	114.1
24	111.1	109.6	108.5	109.8	111.4	110.9	110.8	104.2
48	98.7	97.2	96.1	92.1	88.6	88.0	87.7	99.9
72	81.1	95.4	128.4	121.5	127.6	136.7	135.6	134.9
96	134.7	130.2	126.4	124.7	123.5	112.5	103.6	105.7
120	108.2	110.7	113.7	113.5	113.7	118.9	124.9	126.6
144	128.7	130.9	133.6	136.9	140.8	141.4	142.4	141.8
168	141.6	142.7	144.2	147.6	151.4	150.5	150.0	148.1
192	146.5	143.9	141.6	139.8	138.5	136.5	144.2	134.5
216	134.4	133.1	132.1	120.9	111.7	109.3	107.3	103.1
240	99.5	97.0	94.9	90.6	86.9	89.1	83.9	95.6
264	100.1	100.8	101.8	102.7	103.9	106.0	108.5	106.6
288	105.0	102.8	101.0	93.2	86.7	88.4	90.3	91.2
312	92.3	94.2	96.4	103.2	111.4	108.4	105.9	109.1
336	102.6	111.9	111.4	104.8	110.7	100.1	91.6	81.3

DEPTH	2739.9		TILT	0		VOS	5958.01	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	71.0	67.7	64.9	67.5	70.4	78.7	72.6	92.8
24	96.7	94.5	92.6	90.6	88.9	89.5	90.3	87.5
48	85.1	83.1	81.4	78.6	76.2	74.6	73.3	72.2
72	71.3	71.8	72.4	76.5	73.7	80.4	79.6	80.6
96	92.0	90.4	99.7	85.6	73.3	77.3	73.0	89.6
120	92.0	93.2	94.6	100.2	106.8	108.5	110.7	112.0
144	113.7	118.2	123.5	124.0	124.9	126.3	128.1	125.0
168	122.3	127.3	133.0	131.6	130.7	128.3	126.4	126.3
192	126.6	121.7	117.4	118.7	120.3	116.6	113.4	111.3
216	109.6	105.1	101.3	99.2	97.5	94.7	92.3	88.0
240	84.3	81.5	79.1	79.0	79.1	81.7	77.6	84.7
264	86.4	86.4	86.7	87.4	88.3	87.8	87.8	83.0
288	85.7	78.1	88.5	71.2	70.7	71.0	71.6	72.9
312	74.5	74.1	73.9	82.6	94.1	91.3	88.9	90.4
336	84.9	94.2	96.4	85.9	77.6	76.9	76.5	73.5

DEPTH	2749.8		TILT	0		VOS	5959.65	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	67.8	65.8	64.1	66.4	69.0	71.3	73.9	73.2
24	72.7	75.5	78.8	76.6	74.7	67.0	60.9	63.5
48	66.4	66.2	66.1	63.2	60.6	62.4	64.4	64.3
72	64.4	66.0	67.8	69.2	70.7	71.3	72.2	73.5
96	75.1	74.2	73.6	70.4	73.7	67.3	67.3	67.9
120	68.7	77.0	73.3	84.8	82.3	81.1	80.2	88.4
144	98.7	96.7	95.0	99.6	105.1	106.6	108.5	108.1
168	107.9	116.5	107.5	120.3	114.6	115.7	117.2	111.1
192	114.9	110.6	106.8	97.0	98.4	99.8	101.6	96.5
216	92.1	93.5	90.8	91.4	93.5	91.9	90.6	87.4
240	84.6	81.2	78.2	78.1	78.2	76.7	75.3	74.1
264	73.0	72.4	71.9	72.4	73.0	70.1	67.6	59.9
288	73.0	52.4	51.1	51.6	52.3	54.3	56.6	59.5
312	62.9	59.2	56.0	57.1	58.3	63.8	70.7	71.2
336	71.9	74.8	78.2	68.8	61.5	60.7	60.1	63.6

SONIC SURVEYS

CUSTOMER : Eagle US 2, LLC
DATE : March 16, 2023
CAVERN :PPG No. 007B
OPERATION No. :5

WALL RANGES VS DEPTH

DEPTH	2760.8		TILT	0		VOS	5958.01	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	55.7	59.5	64.1	66.5	69.3	69.3	69.6	68.1
24	67.0	67.9	69.0	66.5	64.4	62.2	60.3	60.1
48	60.0	60.2	60.6	60.8	61.2	62.5	64.1	64.8
72	65.8	66.4	67.2	68.4	69.8	69.6	69.6	69.3
96	69.3	69.0	69.0	68.3	67.8	67.7	67.8	67.6
120	67.5	66.6	65.8	66.1	66.7	67.4	68.4	70.8
144	73.6	77.6	82.2	83.5	85.1	88.3	92.0	92.3
168	92.9	93.8	94.9	94.9	95.2	94.9	94.9	92.1
192	89.7	86.8	84.3	86.9	90.0	88.6	87.4	87.5
216	87.7	89.6	91.8	87.9	84.5	86.4	88.6	86.4
240	84.5	81.6	79.1	76.3	73.9	71.7	69.8	67.5
264	65.5	64.1	62.9	63.8	64.9	62.6	60.6	52.7
288	46.8	47.0	47.3	49.1	51.1	52.2	53.4	53.3
312	53.4	45.0	39.0	40.1	41.3	47.6	39.8	58.6
336	61.2	59.6	58.3	57.3	56.6	57.2	58.0	56.8

DEPTH	2769.8		TILT	0		VOS	5958.01	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	59.7	61.1	62.6	63.3	64.1	64.0	64.1	64.8
24	65.8	64.8	64.1	62.2	60.6	59.7	58.9	57.5
48	56.3	57.6	59.2	60.1	61.2	62.4	63.8	63.8
72	65.6	67.0	68.4	68.2	68.1	67.0	66.1	66.0
96	66.1	66.7	67.5	68.0	68.7	68.2	67.8	67.6
120	67.5	65.8	64.4	64.0	63.8	64.7	63.9	65.7
144	68.1	72.9	74.7	73.8	73.0	77.1	82.0	80.4
168	79.1	81.3	84.0	84.3	84.8	83.8	83.1	81.8
192	80.8	81.5	82.5	82.6	82.8	82.3	82.0	80.7
216	79.6	82.8	86.6	86.2	86.0	85.3	84.8	84.3
240	84.0	82.2	80.8	78.4	75.7	72.9	68.4	64.3
264	60.9	62.1	63.5	63.1	62.9	56.0	50.5	48.8
288	47.3	47.6	47.9	49.1	50.5	51.7	53.1	51.9
312	50.8	45.1	40.7	39.8	39.0	39.2	39.6	44.8
336	44.4	52.9	54.3	55.0	56.0	57.1	58.3	58.9

DEPTH	2780.0		TILT	0		VOS	5958.01	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	60.0	60.2	60.6	61.5	62.6	63.5	64.7	63.7
24	62.9	62.3	61.8	61.4	61.2	58.7	56.6	57.1
48	57.7	57.9	58.3	58.8	59.5	60.5	61.8	63.1
72	64.7	64.4	64.4	65.3	66.4	66.1	66.1	66.1
96	66.4	67.8	69.6	69.2	69.0	68.9	69.0	68.6
120	68.4	65.9	63.8	63.3	62.9	64.4	66.1	68.4
144	71.0	72.4	75.3	72.8	68.1	70.8	73.9	75.2
168	76.8	77.2	77.9	78.8	79.9	80.5	81.4	80.8
192	80.5	81.5	82.8	82.7	82.8	81.1	79.6	80.4
216	81.4	83.2	85.4	85.4	85.7	85.3	85.1	84.4
240	84.0	81.9	80.2	78.5	77.0	74.2	70.4	67.0
264	64.1	63.8	63.8	61.9	60.3	55.9	52.3	50.2
288	48.5	48.3	48.2	49.0	49.9	50.9	52.0	51.2
312	50.5	49.6	48.8	49.8	51.1	51.5	52.0	52.9
336	54.0	54.9	56.0	56.2	56.6	57.3	58.3	59.1

SONIC SURVEYS

CUSTOMER : Eagle US 2, LLC
DATE : March 16, 2023
CAVERN :PPG No. 007B
OPERATION No. :5

WALL RANGES VS DEPTH

DEPTH	2790.2		TILT	0		VOS	5958.01	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	61.5	59.0	56.9	57.5	58.3	57.5	56.9	55.9
24	55.1	54.3	53.7	54.9	56.3	54.9	53.7	53.6
48	53.7	54.9	56.3	57.5	58.9	60.6	62.6	63.4
72	64.4	63.7	63.2	63.8	64.7	65.0	65.5	65.0
96	64.7	65.6	66.7	67.0	67.5	69.5	71.9	71.0
120	70.4	69.6	68.1	67.4	67.5	67.3	67.2	69.8
144	71.9	75.8	75.6	72.8	70.4	73.0	75.9	76.4
168	77.0	78.1	79.4	80.1	81.1	81.7	82.5	83.1
192	84.0	84.4	85.1	84.9	84.8	83.8	83.1	83.7
216	84.5	85.4	86.6	87.4	88.6	87.7	87.1	85.0
240	83.1	82.0	81.1	79.8	78.8	76.1	73.9	73.3
264	73.0	70.2	67.8	65.2	62.9	62.1	61.5	59.5
288	57.7	59.3	61.2	58.6	56.3	56.5	56.9	55.8
312	54.8	55.5	54.3	55.5	56.9	56.2	55.7	55.5
336	55.4	54.9	54.6	56.3	58.3	58.4	58.6	59.9

DEPTH	2800.0		TILT	0		VOS	5958.01	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	60.6	59.1	57.7	58.1	58.6	57.9	57.4	56.3
24	55.4	54.9	54.6	54.8	55.1	54.5	54.0	54.3
48	54.8	55.6	56.6	57.6	58.9	59.9	61.2	62.6
72	63.7	64.1	64.5	63.7	64.7	65.1	65.8	65.1
96	64.7	65.4	66.4	66.9	67.5	69.0	70.7	70.3
120	70.1	69.3	68.7	67.9	67.2	67.2	67.2	68.8
144	70.7	71.0	71.6	74.6	78.2	81.0	84.3	85.1
168	86.3	86.7	87.4	87.7	88.3	87.2	86.3	85.7
192	85.4	86.3	87.4	88.6	90.0	87.2	84.8	86.1
216	87.7	88.9	90.3	91.5	92.9	91.0	89.4	87.9
240	86.6	84.8	83.4	81.2	79.4	76.7	74.5	72.1
264	70.1	67.3	64.9	63.2	61.8	60.4	59.2	57.6
288	56.3	56.4	56.6	56.9	57.4	57.1	56.9	56.4
312	56.0	55.3	54.8	55.3	56.0	56.4	56.9	56.5
336	56.3	55.6	55.1	56.5	58.0	57.2	56.6	58.4

DEPTH	2810.3		TILT	0		VOS	5961.29	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	58.6	59.0	59.5	59.3	59.2	58.4	57.8	56.5
24	55.5	55.5	55.7	56.0	56.3	54.9	53.7	54.2
48	54.9	55.5	56.3	57.6	59.2	60.7	62.4	62.9
72	63.5	63.2	63.0	64.0	65.3	64.4	63.8	63.9
96	64.1	64.9	65.8	65.2	64.7	67.1	69.9	70.6
120	71.6	69.7	68.1	68.2	68.4	68.5	68.7	69.3
144	70.2	71.3	71.8	75.1	78.7	81.3	84.0	85.2
168	86.6	87.2	88.1	88.1	88.3	87.2	86.3	86.4
192	86.6	85.2	84.0	85.2	86.6	86.5	86.6	87.2
216	88.4	89.2	90.2	93.1	94.1	92.5	91.2	89.0
240	87.2	84.1	81.4	80.6	80.0	78.4	77.1	74.6
264	72.5	69.7	67.3	65.7	64.4	63.1	62.1	60.4
288	58.9	57.8	56.9	56.7	56.6	56.5	56.6	56.4
312	56.3	55.2	54.3	55.5	56.9	56.8	56.9	55.8
336	54.9	55.8	56.9	56.8	56.9	57.4	58.0	58.3

SONIC SURVEYS

CUSTOMER : Eagle US 2, LLC
DATE : March 16, 2023
CAVERN :PPG No. 007B
OPERATION No. :5

WALL RANGES VS DEPTH

DEPTH	2820.1		TILT	0		VOS	5961.29	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	59.8	59.6	59.5	59.7	60.1	59.1	58.3	57.8
24	57.5	57.5	57.8	56.7	55.7	54.5	53.4	53.8
48	54.3	55.4	56.6	58.1	59.8	61.2	63.0	63.4
72	64.1	63.3	62.7	63.3	64.1	64.5	65.0	64.3
96	63.8	64.3	65.0	65.0	65.3	66.9	68.7	69.5
120	70.5	69.2	68.1	67.9	67.9	67.9	68.1	69.3
144	70.7	71.6	72.8	75.6	78.8	81.5	84.6	85.5
168	86.6	87.2	88.1	87.8	87.8	86.9	86.3	84.4
192	82.9	83.2	83.7	85.0	86.6	86.4	86.3	87.6
216	89.2	89.7	90.4	91.2	92.4	91.7	91.2	88.6
240	86.3	85.0	84.0	82.4	81.1	79.9	78.0	75.9
264	73.3	70.6	68.1	66.1	64.4	62.2	60.4	58.2
288	56.3	55.4	54.6	55.2	56.0	55.8	55.7	55.7
312	55.7	54.6	53.7	54.5	55.5	55.7	56.0	56.2
336	56.6	57.1	57.8	57.4	57.2	57.0	56.9	58.2

DEPTH	2825.1		TILT	0		VOS	5961.29	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	60.1	60.1	60.4	60.1	60.1	59.3	58.6	57.8
24	57.2	58.2	59.5	57.8	56.3	55.4	54.6	54.4
48	54.3	55.1	56.0	57.6	59.5	61.0	62.7	62.6
72	62.7	62.4	62.4	63.1	64.1	63.7	63.5	63.4
96	63.5	63.6	63.8	64.3	65.0	66.8	69.0	70.1
120	71.3	69.6	68.1	67.8	67.6	67.8	68.1	69.0
144	70.2	71.5	73.1	75.7	78.8	80.8	83.2	84.7
168	86.6	87.4	88.3	87.9	87.8	87.1	86.6	84.6
192	82.9	82.6	82.6	83.7	85.2	86.5	88.1	87.9
216	88.1	89.5	91.2	91.8	92.7	92.3	92.1	89.9
240	88.1	86.8	85.7	83.7	82.0	80.1	78.5	75.4
264	72.8	70.4	68.4	66.0	63.8	62.6	61.5	60.1
288	58.9	57.1	55.5	55.5	55.7	55.5	55.5	55.7
312	56.0	54.6	53.4	54.5	55.7	55.8	56.0	56.1
336	56.3	56.8	57.5	57.2	57.2	57.1	57.2	58.5

DEPTH	2825.1		TILT	0		VOS	5961.29	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	60.1	60.1	60.4	60.1	60.1	59.3	58.6	57.8
24	57.2	58.2	59.5	57.8	56.3	55.4	54.6	54.4
48	54.3	55.1	56.0	57.6	59.5	61.0	62.7	62.6
72	62.7	62.4	62.4	63.1	64.1	63.7	63.5	63.4
96	63.5	63.6	63.8	64.3	65.0	66.8	69.0	70.1
120	71.3	69.6	68.1	67.8	67.6	67.8	68.1	69.0
144	70.2	71.5	73.1	75.7	78.8	80.8	83.2	84.7
168	86.6	87.4	88.3	87.9	87.8	87.1	86.6	84.6
192	82.9	82.6	82.6	83.7	85.2	86.5	88.1	87.9
216	88.1	89.5	91.2	91.8	92.7	92.3	92.1	89.9
240	88.1	86.8	85.7	83.7	82.0	80.1	78.5	75.4
264	72.8	70.4	68.4	66.0	63.8	62.6	61.0	60.1
288	58.9	57.1	55.5	55.5	55.7	55.5	55.5	55.7
312	56.0	54.6	53.4	54.5	55.7	55.8	56.0	56.1
336	56.3	56.8	57.5	57.2	57.2	57.1	57.2	58.5

SONIC SURVEYS

CUSTOMER : Eagle US 2, LLC
DATE : March 16, 2023
CAVERN :PPG No. 007B
OPERATION No. :5

WALL RANGES VS DEPTH

DEPTH	2830.1		TILT	0		VOS	5961.29	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	92.4	89.7	87.5	85.4	85.6	81.9	80.4	76.8
24	73.6	74.4	75.4	73.5	71.9	71.1	70.5	69.8
48	69.3	67.0	65.0	64.5	64.1	63.3	62.7	62.7
72	63.0	63.2	63.5	63.6	63.8	64.2	64.7	64.0
96	63.5	63.7	64.1	64.9	65.8	67.3	69.0	69.2
120	69.6	68.8	68.1	68.1	68.1	68.1	68.1	69.0
144	70.2	70.4	71.5	75.9	78.5	80.5	82.9	84.3
168	86.0	86.9	88.1	87.9	88.1	87.2	86.6	85.5
192	84.6	84.2	84.0	85.7	87.8	87.8	88.1	88.2
216	88.6	89.9	91.5	92.2	93.2	92.8	92.7	90.3
240	88.3	86.5	84.9	84.3	84.0	82.0	80.3	77.6
264	75.4	72.4	69.9	66.9	64.4	63.6	63.0	60.9
288	59.2	57.3	55.7	55.7	55.7	55.4	55.2	55.5
312	56.0	56.7	57.5	56.4	55.5	55.7	56.0	56.7
336	64.1	65.2	60.1	60.7	61.5	88.4	90.4	91.2

DEPTH	2835.0		TILT	0		VOS	5961.29	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	153.4	102.5	101.9	97.4	93.5	90.4	87.8	84.4
24	81.4	80.6	80.0	80.6	81.4	79.0	78.4	76.7
48	77.4	77.7	78.2	75.1	72.5	73.5	74.8	73.1
72	71.6	71.8	72.2	74.3	76.8	77.7	78.8	78.0
96	77.4	80.7	84.6	88.3	92.7	93.1	101.2	95.2
120	83.7	101.8	109.0	84.2	78.6	76.7	73.1	75.7
144	69.9	71.3	73.1	76.0	79.4	79.3	82.9	84.2
168	85.7	86.5	87.5	87.2	87.2	86.5	86.0	85.2
192	84.6	84.2	84.0	85.7	87.8	88.8	90.1	90.1
216	90.4	91.2	92.4	92.7	93.2	92.7	94.0	91.5
240	88.9	86.9	85.2	84.2	83.4	82.2	81.1	78.0
264	75.4	72.9	70.7	68.9	67.3	66.3	65.6	63.2
288	61.2	59.5	58.0	61.5	65.6	158.3	158.7	156.9
312	159.0	160.5	162.5	159.3	158.7	154.3	152.4	149.3
336	150.9	152.1	153.8	153.6	153.8	152.7	152.0	152.5

DEPTH	2840.1		TILT	0		VOS	5961.29	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	153.6	152.9	152.7	143.6	151.7	151.3	151.3	150.9
24	150.9	150.7	150.9	88.6	88.6	87.6	86.9	84.7
48	82.9	82.2	81.7	82.2	82.9	82.9	83.2	84.9
72	86.9	87.5	88.3	89.8	91.5	89.0	90.6	89.0
96	93.8	95.9	98.4	99.3	101.8	105.5	209.2	120.4
120	215.6	218.4	127.7	127.1	126.8	230.6	136.1	230.0
144	229.6	229.9	228.4	231.6	86.3	87.3	235.9	84.6
168	86.3	87.6	89.2	88.2	87.5	87.4	87.5	85.7
192	84.3	84.9	85.7	87.2	88.9	89.7	90.7	90.7
216	90.9	91.8	93.0	93.8	95.0	94.6	94.4	224.5
240	222.2	219.0	216.5	212.1	208.4	204.9	202.1	199.5
264	197.5	196.3	195.7	183.2	179.2	173.2	168.0	165.9
288	164.2	162.0	160.2	159.4	159.0	158.5	158.5	158.8
312	159.6	160.8	162.5	162.4	162.8	156.7	153.7	152.2
336	152.6	153.6	154.4	154.1	154.1	152.9	152.1	152.6

SONIC SURVEYS

CUSTOMER : Eagle US 2, LLC
DATE : March 16, 2023
CAVERN : PPG No. 007B
OPERATION No. : 5

WALL RANGES VS DEPTH

DEPTH	2845.3		TILT	0		VOS	5961.29	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	153.3	153.2	153.6	152.3	151.5	150.6	150.1	149.9
24	150.1	149.7	149.8	148.1	146.9	147.4	148.4	149.6
48	151.2	152.5	154.1	155.6	157.6	157.1	163.6	165.8
72	168.6	171.0	173.9	175.9	178.5	181.2	184.5	186.5
96	189.0	192.9	197.5	200.0	203.1	204.9	211.3	214.1
120	217.6	220.1	220.8	225.0	229.5	234.0	232.4	231.4
144	231.0	233.3	231.0	236.5	244.6	238.8	238.8	241.4
168	244.8	245.8	247.6	247.8	248.6	246.4	247.7	244.5
192	245.5	247.7	248.4	248.1	246.2	243.3	241.2	237.0
216	233.5	228.7	224.7	225.9	226.8	227.2	228.0	224.9
240	222.5	219.3	217.9	213.4	210.7	206.9	203.8	201.3
264	199.4	197.6	196.3	189.1	183.0	175.4	168.8	166.1
288	163.9	161.7	159.9	160.1	160.8	160.8	161.3	160.7
312	160.5	161.5	163.1	159.9	164.0	156.8	153.3	152.9
336	152.9	153.5	155.6	154.1	153.0	152.6	152.7	152.8

DEPTH	2850.0		TILT	0		VOS	5961.29	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	152.4	152.0	152.1	151.2	150.7	150.2	150.1	149.5
24	149.2	148.6	148.4	148.4	148.9	149.6	150.7	152.2
48	154.1	154.5	155.3	157.6	160.5	161.5	163.1	165.3
72	168.0	170.6	173.7	175.6	178.1	181.4	185.3	186.9
96	189.0	192.9	197.4	200.3	203.8	206.6	210.1	214.0
120	218.8	221.6	221.2	225.7	231.2	235.0	233.5	232.6
144	232.3	236.0	233.1	242.1	244.4	240.6	238.3	240.6
168	244.4	247.0	250.2	249.4	249.3	248.6	248.5	247.0
192	246.2	248.0	250.5	248.7	247.6	241.4	236.1	234.2
216	232.9	228.3	224.5	226.8	229.7	227.7	226.3	224.5
240	223.4	221.5	220.2	215.0	211.5	207.3	204.6	202.0
264	200.0	193.2	195.7	183.1	179.8	174.8	168.0	165.9
288	164.2	164.0	164.2	163.0	162.2	160.8	159.9	161.7
312	163.9	163.0	162.5	162.3	162.5	156.8	151.8	151.2
336	151.0	152.5	154.4	153.8	153.6	152.3	151.5	151.8

DEPTH	2855.3		TILT	0		VOS	5961.29	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	152.4	152.3	152.7	151.6	151.0	150.3	150.1	149.6
24	149.5	149.6	150.1	149.7	149.8	150.3	151.2	152.3
48	153.8	154.9	156.4	159.2	162.5	162.6	163.1	165.1
72	167.7	170.2	173.2	175.8	175.6	181.9	185.6	188.3
96	191.6	194.1	197.1	200.1	203.8	206.0	208.9	212.2
120	216.2	218.8	222.2	227.4	233.5	233.0	233.2	231.6
144	230.6	235.1	234.9	243.2	246.7	242.0	238.1	241.7
168	246.2	246.4	247.3	247.0	247.3	247.7	248.8	246.0
192	243.9	246.2	249.3	247.1	245.6	240.0	235.2	233.0
216	231.5	227.6	224.5	223.1	230.3	225.2	228.9	225.5
240	222.8	220.9	219.6	215.8	212.7	209.5	206.9	203.0
264	199.7	192.9	187.0	183.1	179.8	174.1	169.1	166.4
288	164.2	163.9	163.9	162.3	162.3	160.3	159.0	160.9
312	163.4	163.3	163.7	162.8	163.2	157.2	153.6	152.3
336	151.5	153.0	155.0	154.9	155.3	153.5	152.1	152.0

SONIC SURVEYS

CUSTOMER : Eagle US 2, LLC
DATE : March 16, 2023
CAVERN : PPG No. 007B
OPERATION No. : 5

WALL RANGES VS DEPTH

DEPTH	2859.9		TILT	0		VOS	5967.85	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	153.1	153.7	154.6	152.6	151.1	150.6	150.5	150.2
24	150.3	149.3	148.8	148.9	149.4	150.5	152.0	152.8
48	154.0	157.9	158.6	160.1	163.5	163.5	163.8	165.5
72	167.6	171.2	175.4	176.9	178.9	182.3	186.4	188.4
96	191.0	194.5	195.5	199.7	201.1	204.6	208.9	212.0
120	215.8	219.4	223.6	227.8	232.9	232.8	233.4	231.1
144	229.4	233.2	237.8	241.3	245.6	241.1	237.5	241.0
168	245.3	244.7	244.7	246.5	249.0	248.1	247.9	245.4
192	243.6	246.8	250.8	247.1	244.1	239.7	236.0	231.5
216	227.7	225.3	223.6	223.3	223.6	224.3	227.6	225.2
240	223.3	222.9	223.0	217.4	212.6	211.0	210.0	204.0
264	198.8	192.6	187.2	183.3	180.0	173.5	167.9	165.7
288	164.1	163.0	162.4	161.9	161.8	161.4	161.5	162.0
312	163.0	163.6	164.7	164.2	164.1	158.4	153.4	152.4
336	151.7	153.2	155.2	155.4	156.0	153.9	152.3	152.5

DEPTH	2870.2		TILT	0		VOS	5967.85	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	151.7	152.5	153.7	152.5	151.7	150.0	148.8	148.8
24	149.1	148.9	149.1	150.3	152.0	151.8	152.0	153.8
48	156.0	158.0	160.4	161.4	163.0	164.5	166.4	167.6
72	169.3	173.2	177.7	180.3	183.5	184.2	185.5	187.5
96	190.1	194.2	199.1	198.8	199.1	201.4	204.3	208.1
120	212.6	212.2	212.4	217.4	223.3	225.3	228.0	227.8
144	228.2	231.3	235.2	240.6	247.0	241.5	236.9	239.6
168	243.0	242.5	242.7	242.5	243.0	242.4	242.4	239.3
192	236.9	237.2	238.1	235.4	233.4	234.1	235.5	231.2
216	227.7	224.7	222.5	224.3	226.8	226.9	227.7	225.9
240	224.8	224.5	224.8	219.3	214.7	211.0	208.0	203.2
264	199.1	189.4	181.2	177.7	174.8	171.0	167.9	165.3
288	163.3	161.6	160.4	158.4	156.9	158.1	159.8	159.6
312	159.8	159.3	159.2	156.5	154.3	152.0	150.3	150.3
336	150.8	152.8	155.2	154.5	154.3	152.5	151.1	151.2

DEPTH	2880.0		TILT	0		VOS	5967.85	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	143.9	145.6	147.7	146.3	145.3	144.6	144.2	144.6
24	145.3	145.7	146.5	148.3	150.5	152.5	154.9	153.5
48	152.6	156.2	158.1	162.7	168.2	168.8	169.9	170.4
72	170.9	175.7	180.6	182.2	184.3	184.9	186.7	186.5
96	187.5	192.9	199.1	197.6	196.8	198.1	199.9	200.5
120	201.7	203.1	205.1	209.2	214.1	214.5	215.5	219.8
144	224.8	226.6	229.1	233.2	238.1	232.4	227.7	229.9
168	232.9	235.1	238.1	238.6	239.8	237.3	235.5	232.8
192	230.8	229.5	228.8	228.8	229.4	229.5	230.3	224.9
216	220.4	217.4	222.4	221.6	229.4	228.9	229.1	227.3
240	226.2	223.9	222.2	216.6	211.8	210.0	208.9	202.4
264	196.8	192.6	181.1	169.6	168.2	164.1	160.7	156.9
288	153.7	155.8	153.6	148.6	150.0	152.0	154.6	155.9
312	157.8	155.8	154.3	152.9	152.0	148.8	146.2	147.3
336	148.8	149.8	151.1	149.3	147.9	146.6	145.6	144.6

SONIC SURVEYS

CUSTOMER : Eagle US 2, LLC
DATE : March 16, 2023
CAVERN :PPG No. 007B
OPERATION No. :5

WALL RANGES VS DEPTH

DEPTH	2890.6		TILT	0		VOS	5967.85	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	139.0	141.2	143.9	143.8	139.2	139.2	139.7	138.2
24	140.1	142.2	144.8	147.7	151.1	152.1	153.4	152.8
48	152.6	155.0	158.1	163.0	168.7	168.8	169.3	172.8
72	176.8	178.4	180.6	181.9	183.8	185.6	188.1	186.8
96	186.1	190.3	195.3	195.2	195.6	196.6	198.2	198.5
120	199.4	202.3	206.0	208.3	211.2	212.3	214.1	218.5
144	223.6	224.3	225.6	230.1	235.5	230.4	226.2	228.1
168	230.6	231.0	232.0	233.4	235.5	233.4	232.0	229.8
192	228.2	225.0	222.4	223.1	224.5	222.1	220.4	218.0
216	216.1	217.0	218.4	223.5	229.4	230.4	232.0	229.6
240	228.0	223.1	226.0	215.3	212.4	210.0	208.3	205.5
264	203.4	185.7	171.3	164.7	158.9	157.4	156.3	152.4
288	149.1	145.5	142.5	145.2	148.5	148.0	147.9	148.6
312	149.7	149.8	150.3	142.5	146.2	145.1	144.4	145.3
336	143.4	140.8	146.5	145.6	145.1	143.1	141.6	140.1

DEPTH	2901.0		TILT	0		VOS	5971.13	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	135.0	136.0	137.3	138.6	140.2	138.3	136.8	137.3
24	138.2	141.1	144.6	148.8	153.8	153.3	153.2	154.2
48	155.5	156.6	158.1	162.8	168.3	170.9	174.0	174.5
72	175.5	176.5	178.1	180.4	183.3	185.0	187.3	187.2
96	187.6	189.4	191.7	193.1	195.1	195.3	196.0	195.2
120	194.8	197.4	206.0	204.0	208.1	210.7	213.9	217.3
144	221.4	223.3	225.8	228.4	231.8	228.3	225.5	226.6
168	228.4	228.5	229.2	230.9	233.3	230.5	228.4	223.9
192	226.8	223.4	221.8	221.4	221.7	214.3	211.6	213.3
216	215.7	218.1	221.1	226.6	233.0	232.5	235.4	229.0
240	226.1	223.4	221.4	214.7	209.0	208.4	208.4	207.0
264	208.0	188.6	171.7	165.0	159.3	157.4	155.2	150.3
288	147.2	141.9	139.8	142.1	147.7	147.8	148.4	148.9
312	149.8	138.3	148.0	138.8	140.5	139.6	139.3	139.5
336	139.9	139.0	144.3	142.2	140.6	139.1	137.9	136.3

DEPTH	2901.0		TILT	-18		VOS	5971.13	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	131.1	129.5	130.2	130.8	131.5	130.8	130.2	132.2
24	136.5	139.7	143.4	151.6	159.4	158.7	158.5	162.0
48	164.6	169.0	169.2	170.3	175.4	177.0	179.2	178.6
72	178.4	179.0	180.0	183.1	184.6	188.2	192.2	192.6
96	193.5	195.3	197.6	195.1	193.1	193.0	192.7	191.1
120	190.0	187.6	185.7	185.9	184.1	186.1	186.1	183.7
144	183.4	179.4	179.2	185.1	191.8	194.6	200.2	202.5
168	186.5	194.5	200.3	194.7	205.7	200.2	197.9	202.8
192	204.2	204.9	206.1	208.9	212.3	217.6	217.4	222.7
216	228.9	236.3	242.3	249.2	255.1	253.5	252.7	244.3
240	236.4	233.3	231.5	230.6	230.3	228.1	227.4	222.8
264	219.3	214.9	210.3	202.7	196.7	185.5	179.6	178.4
288	177.7	171.7	171.8	163.4	156.1	149.4	145.7	138.7
312	134.4	132.6	131.8	130.5	129.5	128.9	128.6	129.3
336	130.2	133.2	136.1	131.4	127.3	129.4	131.9	131.3

SONIC SURVEYS

CUSTOMER : Eagle US 2, LLC
DATE : March 16, 2023
CAVERN :PPG No. 007B
OPERATION No. :5

WALL RANGES VS DEPTH

DEPTH	2901.0		TILT	-23		VOS	5971.13	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	129.6	127.7	128.8	126.7	125.0	126.7	128.8	134.2
24	140.4	145.4	147.2	155.4	163.0	163.8	165.0	166.5
48	168.4	173.3	178.8	178.2	178.0	179.4	181.1	181.9
72	183.0	184.0	185.3	187.4	190.0	193.5	195.5	198.4
96	199.6	200.1	201.1	198.5	196.5	194.9	193.8	191.8
120	190.3	187.8	185.7	185.9	186.5	185.7	185.3	182.7
144	177.2	178.8	180.3	185.1	194.2	195.9	198.2	202.1
168	189.8	194.0	197.0	203.0	205.0	205.3	205.5	207.2
192	208.8	209.7	211.1	214.1	221.6	227.2	233.3	238.0
216	243.4	247.9	251.5	258.8	263.1	264.4	266.4	257.5
240	250.5	247.2	242.9	239.1	236.5	233.9	232.5	232.2
264	232.5	220.8	225.2	218.5	212.4	205.8	199.5	198.7
288	198.8	196.2	193.6	186.2	185.8	175.7	167.7	164.3
312	156.7	152.8	149.4	146.6	141.9	140.2	140.8	140.9
336	141.2	139.3	137.7	135.6	133.8	133.1	132.7	131.0

DEPTH	2901.0		TILT	-28		VOS	5971.13	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	142.8	140.3	138.3	135.1	133.9	134.3	134.9	135.0
24	135.2	149.5	152.9	164.1	169.6	171.7	174.2	174.0
48	174.2	179.8	187.4	185.1	184.6	187.8	191.5	190.3
72	190.1	189.2	189.2	191.3	193.8	198.3	203.4	206.2
96	209.6	207.8	208.8	206.5	205.2	203.9	202.7	198.3
120	199.2	197.8	196.9	195.3	194.2	193.0	192.3	188.3
144	185.0	184.8	185.0	191.6	199.2	199.4	203.7	203.1
168	198.5	201.8	199.0	203.2	206.4	208.3	209.4	209.9
192	211.1	215.6	220.7	228.9	232.3	241.6	246.2	253.6
216	258.8	264.3	272.3	274.2	287.2	285.5	290.7	289.7
240	308.5	317.5	261.9	265.0	312.2	264.4	251.0	223.6
264	236.1	224.4	196.5	202.7	200.3	208.7	189.6	216.2
288	217.5	218.2	217.6	217.3	217.5	211.0	206.1	198.4
312	192.3	181.9	180.3	173.6	169.7	163.9	157.8	155.6
336	153.5	153.0	152.8	150.0	150.7	145.8	144.5	143.5

DEPTH	2901.0		TILT	-33		VOS	5971.13	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	190.4	189.9	189.4	186.6	185.2	172.8	172.5	172.6
24	188.2	183.8	181.0	179.2	178.6	181.4	184.7	185.3
48	186.1	191.2	197.6	203.1	204.6	208.5	213.0	214.7
72	216.6	221.7	227.5	232.0	234.1	298.1	301.0	304.9
96	313.1	318.7	326.4	329.1	332.5	337.7	341.5	344.2
120	353.9	356.6	360.1	360.9	362.4	361.4	362.1	194.3
144	193.4	190.2	193.8	200.1	207.6	209.8	212.6	210.0
168	208.1	209.4	214.2	215.5	223.4	227.5	231.2	236.1
192	240.0	242.6	351.6	355.7	343.7	333.6	359.2	299.3
216	311.5	287.6	282.9	271.0	270.7	267.9	265.7	269.4
240	273.8	281.0	289.2	280.6	282.7	280.7	282.7	229.1
264	212.5	199.6	190.8	191.5	187.1	181.3	173.6	190.3
288	278.3	273.5	276.9	263.3	251.5	242.9	248.2	249.1
312	250.5	233.8	230.0	225.4	221.5	221.9	220.9	217.2
336	213.7	210.9	206.6	203.4	200.5	196.9	196.2	194.3

SONIC SURVEYS

CUSTOMER : Eagle US 2, LLC
DATE : March 16, 2023
CAVERN :PPG No. 007B
OPERATION No. :5

WALL RANGES VS DEPTH

DEPTH	2901.0		TILT	-38		VOS	5971.13	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	240.0	241.1	242.6	244.7	247.3	246.1	245.3	245.7
24	267.5	274.8	283.0	285.1	287.7	292.0	275.7	285.5
48	296.5	284.4	296.1	274.1	274.9	288.5	290.7	297.0
72	304.2	307.0	310.3	313.9	318.0	319.5	321.5	323.1
96	325.3	328.1	321.2	330.4	329.9	334.4	339.5	341.3
120	343.6	341.7	340.3	341.2	342.6	346.3	346.3	349.8
144	353.8	353.9	354.5	356.7	359.5	356.5	354.2	351.0
168	348.4	346.7	345.7	345.8	346.5	341.3	336.9	326.8
192	328.0	316.8	308.0	317.9	301.3	300.0	313.8	292.3
216	274.0	265.0	255.7	249.1	247.2	246.6	247.2	250.6
240	257.7	258.8	261.0	262.0	262.6	250.2	262.8	237.5
264	206.1	195.0	189.8	185.0	183.4	178.1	173.4	175.5
288	305.7	304.9	304.6	293.4	298.0	296.3	295.2	280.7
312	284.9	271.6	259.9	258.2	256.9	247.7	239.6	237.6
336	236.1	236.7	237.6	234.1	231.1	233.6	236.5	238.0

DEPTH	2901.0		TILT	-43		VOS	5971.13	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	274.9	275.5	276.5	280.8	285.7	290.0	294.9	297.0
24	299.6	298.0	296.9	293.9	291.5	289.5	288.0	288.4
48	289.2	288.6	288.4	287.6	287.3	288.8	290.7	291.3
72	292.4	294.2	280.1	276.4	273.1	297.2	297.2	299.7
96	302.6	305.3	308.4	309.3	310.7	312.4	314.6	317.6
120	317.2	320.6	325.9	332.8	331.9	334.8	338.4	335.0
144	332.2	335.0	338.4	339.1	340.3	337.4	334.9	335.8
168	337.2	334.1	331.5	326.6	322.2	312.9	304.6	301.4
192	298.8	299.3	300.3	286.2	273.8	263.8	269.2	268.8
216	249.2	247.6	247.8	245.4	241.7	242.0	240.4	243.4
240	246.7	244.1	248.1	247.6	247.6	248.2	247.8	236.6
264	217.9	196.0	192.4	179.3	180.3	175.6	175.1	169.6
288	168.3	166.8	166.1	160.7	288.4	206.0	282.6	283.0
312	283.8	283.4	283.4	279.9	276.9	267.9	259.9	256.5
336	253.4	255.3	257.6	251.2	245.3	258.1	272.6	273.6

DEPTH	2901.0		TILT	-48		VOS	5971.13	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	289.9	290.3	291.1	288.2	285.7	283.0	280.7	280.7
24	281.1	276.8	273.0	271.9	271.1	266.2	274.0	272.9
48	272.2	253.8	254.2	252.5	251.1	252.9	255.0	258.8
72	263.0	258.8	255.0	251.3	248.0	252.0	256.5	252.8
96	249.6	256.0	263.0	267.2	271.9	279.7	288.4	291.8
120	295.7	300.1	304.9	308.7	313.0	314.7	316.9	314.7
144	313.0	311.3	309.9	309.9	310.3	309.9	309.9	311.3
168	313.0	310.7	308.8	306.5	304.6	297.7	291.5	290.0
192	281.5	280.1	272.3	263.6	255.7	253.4	253.2	254.6
216	253.3	247.2	240.2	240.4	242.7	240.0	232.6	238.1
240	235.1	235.0	238.0	234.6	231.5	235.3	234.1	233.2
264	236.7	194.9	193.7	179.6	170.0	171.0	167.7	167.2
288	166.9	165.2	163.8	160.6	160.6	160.3	158.0	199.6
312	271.1	277.7	284.9	284.6	284.6	288.7	293.4	293.0
336	293.0	292.6	292.6	291.1	290.0	289.6	289.6	289.6

SONIC SURVEYS

CUSTOMER : Eagle US 2, LLC
DATE : March 16, 2023
CAVERN : PPG No. 007B
OPERATION No. : 5

WALL RANGES VS DEPTH

DEPTH	2901.0		TILT	-53		VOS	5971.13	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	281.9	280.8	279.9	275.1	270.7	267.1	263.8	262.5
24	261.5	261.0	260.7	254.1	248.0	249.2	250.5	249.3
48	241.1	232.5	224.7	229.4	234.6	221.6	222.6	223.1
72	223.8	224.1	236.9	232.5	229.3	235.2	238.0	240.9
96	236.8	245.7	248.4	255.7	258.2	267.1	269.2	273.8
120	278.8	282.1	285.7	284.6	283.8	286.1	288.8	290.7
144	293.0	293.3	293.8	293.5	293.4	290.7	288.4	281.8
168	275.7	278.4	281.5	282.7	284.2	277.2	270.7	266.9
192	263.4	259.8	256.5	249.0	242.3	242.3	242.6	242.7
216	243.0	242.7	242.6	239.2	236.1	235.6	235.3	231.9
240	228.8	224.6	224.2	221.0	221.5	223.2	224.7	229.6
264	231.7	208.9	189.2	188.5	182.7	170.2	170.0	168.1
288	166.5	165.1	163.8	161.7	160.7	158.6	160.0	156.4
312	152.3	153.3	154.6	158.4	162.7	206.2	281.9	282.9
336	284.2	282.9	281.9	281.0	280.3	279.8	279.6	280.6

DEPTH	2901.0		TILT	-58		VOS	5971.13	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	150.9	265.8	161.4	178.3	240.2	203.0	197.1	225.1
24	205.2	183.6	166.2	166.5	203.8	198.3	184.1	169.1
48	170.8	168.7	177.3	175.5	173.8	195.5	194.8	200.5
72	225.3	231.9	237.6	232.7	232.2	234.8	239.0	243.6
96	248.5	248.6	248.8	253.4	258.4	254.3	250.6	249.2
120	248.0	254.3	261.3	268.9	277.2	274.1	275.2	274.8
144	273.0	274.5	275.9	270.1	270.2	270.0	269.9	269.0
168	268.2	264.1	260.4	259.1	258.1	254.5	251.1	246.2
192	241.6	238.4	235.5	233.3	231.2	234.4	237.8	232.9
216	228.3	226.6	225.1	224.6	224.3	224.0	224.0	222.3
240	220.8	219.1	217.6	217.0	216.5	217.5	218.8	223.9
264	229.5	210.0	197.7	189.2	193.2	180.1	164.7	162.8
288	161.9	162.0	161.9	163.3	165.9	163.5	160.5	156.5
312	153.6	152.9	151.9	150.8	149.0	149.9	150.3	149.1
336	148.0	148.6	149.4	159.2	161.4	201.7	153.2	151.9

DEPTH	2901.0		TILT	-63		VOS	5971.13	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	164.7	152.4	151.4	149.0	148.8	153.5	154.2	176.1
24	168.2	161.7	161.6	161.9	161.9	164.9	156.1	160.6
48	161.5	161.4	161.6	163.0	168.4	173.1	183.5	213.7
72	224.8	229.0	226.9	228.5	231.3	230.6	231.8	232.7
96	233.8	219.1	219.5	220.2	241.3	241.2	232.2	234.5
120	241.0	241.1	249.1	253.3	257.8	257.0	256.3	254.5
144	252.9	252.1	251.4	248.7	246.2	248.5	250.9	246.7
168	242.8	239.5	236.4	232.4	235.3	230.8	233.2	229.0
192	225.1	226.6	228.3	225.2	222.2	221.5	220.8	219.0
216	217.3	214.0	211.0	210.8	210.7	204.4	198.5	202.6
240	207.0	208.1	209.2	209.5	209.8	209.0	208.4	216.5
264	229.8	209.8	194.8	192.8	184.2	184.5	191.0	174.2
288	168.4	170.2	173.9	171.7	170.0	166.4	159.5	160.7
312	164.7	157.6	151.9	153.6	150.2	150.5	150.8	152.8
336	154.8	151.7	150.8	149.4	148.0	151.3	150.4	157.1

SONIC SURVEYS

CUSTOMER : Eagle US 2, LLC
DATE : March 16, 2023
CAVERN :PPG No. 007B
OPERATION No. :5

WALL RANGES VS DEPTH

DEPTH	2910.0		TILT	0		VOS	5971.13	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	132.3	132.0	132.0	133.7	135.8	134.1	132.7	134.1
24	133.3	138.8	142.3	147.0	152.3	152.3	152.7	154.8
48	157.3	158.6	160.4	163.4	166.9	169.4	172.3	173.0
72	174.3	175.3	176.9	178.4	180.4	183.0	186.2	184.0
96	182.3	186.2	190.8	192.4	194.6	194.6	195.0	194.4
120	194.2	196.4	199.2	201.8	205.0	208.7	213.1	214.5
144	216.6	219.3	222.7	224.7	227.3	225.8	225.0	224.3
168	224.2	224.7	225.8	226.2	227.3	227.0	227.3	225.1
192	223.5	222.0	221.2	219.9	219.2	215.2	211.9	213.5
216	215.8	219.3	223.5	227.3	231.9	234.1	236.9	230.7
240	225.4	223.2	221.6	216.1	211.6	210.7	210.4	205.4
264	207.0	192.4	175.7	167.2	161.2	157.4	154.3	148.5
288	143.5	142.5	142.0	142.5	143.5	145.4	147.7	144.0
312	140.8	137.1	146.2	132.6	138.6	137.1	135.4	134.3
336	133.5	135.9	138.9	135.9	133.5	133.7	134.3	133.1

DEPTH	2920.1		TILT	87		VOS	5971.13	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	406.7	407.3	407.7	407.3	406.8	406.7	406.6	406.9
24	407.2	406.6	406.1	406.0	407.4	407.4	407.4	407.4
48	407.4	407.7	408.0	407.7	407.4	407.4	407.4	407.1
72	406.7	407.1	407.4	407.4	407.4	407.7	408.0	407.4
96	406.7	406.7	406.7	407.4	408.0	407.7	407.4	407.4
120	407.4	407.4	407.4	407.1	406.7	407.1	407.4	407.7
144	408.0	407.4	406.7	406.7	406.7	407.1	407.4	407.1
168	406.7	406.7	406.7	407.1	407.4	407.4	406.8	407.1
192	407.4	407.1	406.7	406.7	406.7	407.1	407.4	407.4
216	407.4	407.1	406.7	407.1	407.4	407.4	407.4	407.4
240	407.4	407.1	406.7	407.1	407.4	407.7	408.0	407.4
264	406.7	406.7	406.7	406.7	406.7	406.7	406.7	407.1
288	407.4	407.1	406.7	406.7	406.7	406.7	406.7	406.7
312	406.7	406.7	406.7	407.1	407.4	407.1	406.7	406.7
336	406.7	406.7	406.7	406.7	406.7	406.7	406.7	406.7

DEPTH	2920.1		TILT	82		VOS	5971.13	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	411.9	409.8	410.3	410.1	409.9	410.0	410.2	410.1
24	410.0	410.0	410.1	409.7	409.3	409.7	410.2	409.8
48	411.3	410.6	410.0	410.0	410.0	411.0	411.9	411.9
72	411.9	411.0	410.0	409.7	409.3	409.3	409.3	410.2
96	410.1	409.8	409.6	410.1	410.6	410.5	410.5	410.1
120	409.7	409.6	409.5	409.7	410.0	410.6	411.2	411.3
144	411.4	410.7	410.1	410.6	411.1	410.5	410.0	410.2
168	410.3	409.9	409.6	410.0	410.6	411.6	411.9	411.6
192	411.3	410.6	410.0	410.6	411.3	410.0	408.7	409.7
216	410.6	411.0	411.3	410.6	410.0	410.0	410.0	410.6
240	411.3	410.6	410.0	410.6	411.3	411.3	411.3	411.0
264	410.6	410.3	410.0	410.6	411.3	410.3	409.3	409.3
288	409.3	409.7	410.0	410.0	410.0	410.6	411.3	411.3
312	411.3	411.0	410.6	410.3	410.0	410.0	410.0	410.0
336	410.0	410.0	410.0	410.0	410.0	410.0	410.0	411.0

SONIC SURVEYS

CUSTOMER : Eagle US 2, LLC
DATE : March 16, 2023
CAVERN :PPG No. 007B
OPERATION No. :5

WALL RANGES VS DEPTH

DEPTH	2920.1		TILT	77		VOS	5971.13	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	419.0	419.0	419.0	418.5	418.1	418.4	418.7	418.9
24	419.1	417.2	415.4	416.9	418.6	418.4	418.3	417.7
48	417.3	417.2	417.1	416.9	416.8	416.6	416.4	416.8
72	417.2	417.5	417.8	418.0	418.2	417.2	416.2	418.4
96	417.1	417.4	417.8	418.1	418.4	418.4	418.4	418.7
120	419.1	419.1	419.1	419.7	420.4	419.7	419.1	419.1
144	419.1	418.7	418.4	418.1	417.8	419.1	420.4	419.1
168	417.8	418.1	418.4	418.7	419.1	417.9	418.7	418.1
192	417.6	418.0	418.5	417.7	416.8	416.8	419.7	418.7
216	417.8	416.8	417.4	418.0	418.6	418.3	418.0	417.3
240	416.6	417.1	417.6	417.5	417.4	418.0	418.6	418.1
264	417.6	418.1	418.8	418.0	417.3	418.3	419.3	418.6
288	418.0	418.8	419.5	418.5	417.4	417.5	417.7	417.4
312	417.2	417.4	417.7	418.1	418.6	418.4	418.2	417.7
336	417.3	417.6	417.9	418.2	418.5	417.8	417.0	418.0

DEPTH	2920.1		TILT	72		VOS	5971.13	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	430.7	430.0	429.6	429.9	430.9	429.9	428.9	429.9
24	431.0	431.0	431.1	429.4	428.8	428.8	429.3	429.4
48	429.6	428.6	427.5	428.7	429.8	430.0	430.4	429.7
72	430.1	429.1	428.2	428.8	429.5	429.1	428.8	428.1
96	427.5	428.1	428.8	427.8	426.9	428.8	430.1	429.4
120	428.8	429.4	428.8	428.8	429.6	429.1	428.6	428.0
144	428.2	427.5	429.0	428.4	429.5	430.4	431.4	428.4
168	429.5	430.2	431.0	430.3	429.7	428.7	427.7	428.4
192	429.1	430.5	431.8	430.7	429.5	429.9	430.3	430.0
216	429.8	430.2	430.7	430.3	430.0	430.5	431.0	430.1
240	429.4	429.3	429.3	430.0	430.7	429.9	429.1	428.2
264	427.2	428.0	430.1	429.1	429.0	429.5	430.0	157.8
288	154.1	154.4	154.9	158.7	164.3	170.0	431.1	430.6
312	430.1	151.4	151.4	151.7	152.1	151.4	150.8	151.7
336	152.7	155.6	431.5	429.4	428.0	428.0	428.0	429.5

DEPTH	2920.1		TILT	67		VOS	5971.13	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	153.3	155.6	157.9	160.8	176.7	180.3	187.8	431.3
24	139.1	138.4	137.8	137.4	137.1	136.1	135.2	136.4
48	137.8	140.4	145.6	150.3	151.8	156.7	157.9	163.2
72	169.0	171.2	172.1	175.4	179.7	181.0	183.6	178.2
96	174.2	405.2	400.4	176.0	170.9	173.1	175.5	175.4
120	172.5	167.6	165.1	160.5	160.5	161.8	163.1	166.3
144	169.6	444.0	447.1	445.6	444.7	443.9	441.8	443.8
168	446.7	447.5	448.5	445.4	443.8	443.3	443.8	442.8
192	442.2	443.3	444.8	443.6	441.2	441.1	441.2	440.4
216	439.9	443.3	446.9	444.7	442.9	441.9	441.0	438.9
240	439.4	439.5	439.9	440.1	439.4	439.1	170.9	164.8
264	159.2	155.9	162.2	160.7	156.8	148.6	144.3	144.2
288	144.3	144.2	144.3	144.6	144.9	144.9	144.9	144.9
312	144.9	141.9	139.1	141.4	142.8	142.3	141.7	141.5
336	141.4	140.5	139.5	145.8	146.7	147.7	149.1	151.2

SONIC SURVEYS

CUSTOMER : Eagle US 2, LLC
DATE : March 16, 2023
CAVERN :PPG No. 007B
OPERATION No. :5

WALL RANGES VS DEPTH

DEPTH	2920.1		TILT	62		VOS	5971.13	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	127.7	125.5	125.9	125.8	125.7	124.3	122.9	119.9
24	116.6	117.9	119.3	119.0	118.9	116.7	114.6	115.6
48	116.6	118.6	120.8	124.3	128.1	129.0	130.0	132.6
72	135.4	136.5	137.7	135.5	137.4	138.5	140.8	140.2
96	139.6	139.8	140.0	139.8	139.6	140.7	150.8	149.9
120	150.8	148.2	145.8	142.6	139.6	141.7	143.9	149.0
144	154.6	157.2	160.0	154.2	148.9	150.7	152.7	157.2
168	161.9	161.1	439.6	439.4	439.6	437.2	441.0	435.1
192	430.7	433.2	178.5	428.9	424.7	417.5	412.5	406.1
216	169.6	399.4	193.2	197.5	202.1	198.7	195.5	184.7
240	179.7	175.9	172.7	167.9	163.5	158.1	153.1	151.2
264	150.2	148.1	140.7	135.0	133.5	131.0	129.3	127.1
288	124.9	121.8	118.2	119.1	119.8	119.6	119.5	119.3
312	119.1	116.6	115.4	116.1	117.0	117.1	117.3	119.2
336	121.2	120.4	119.6	120.8	122.0	119.2	123.1	123.9

DEPTH	2920.1		TILT	57		VOS	5971.13	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	111.2	111.7	112.3	112.5	112.7	111.5	110.4	110.8
24	111.2	110.6	112.3	110.2	110.4	109.6	108.9	109.0
48	109.3	109.0	108.9	109.4	110.0	110.4	115.0	115.4
72	115.0	114.0	114.4	116.0	117.5	118.0	118.9	117.5
96	117.7	116.5	119.0	119.3	117.0	122.8	125.0	126.3
120	127.7	125.1	122.7	122.3	122.0	122.3	122.7	126.2
144	130.0	130.7	131.6	137.4	143.9	145.5	148.0	148.6
168	151.6	151.3	151.2	150.5	150.0	151.1	152.3	152.7
192	153.1	153.2	155.8	155.5	155.8	153.6	151.6	152.3
216	153.1	156.3	158.2	159.2	159.3	157.6	156.2	155.9
240	152.7	151.9	151.2	146.0	145.3	141.3	138.4	135.5
264	133.1	129.3	125.8	122.0	118.5	115.1	112.0	110.9
288	108.4	105.9	104.3	104.0	103.9	104.0	104.3	104.8
312	105.4	105.8	106.2	105.6	105.0	105.8	106.6	107.5
336	108.5	108.1	107.7	107.7	107.7	107.9	108.1	109.6

DEPTH	2920.1		TILT	52		VOS	5971.13	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	116.2	115.9	115.8	115.4	115.0	115.9	117.0	116.3
24	115.8	115.0	114.3	114.4	114.6	114.3	114.2	113.8
48	113.6	112.7	111.2	110.9	110.8	110.6	110.4	110.7
72	111.2	110.9	110.8	110.7	110.8	111.1	111.6	111.1
96	110.8	110.9	112.9	112.8	112.9	113.3	113.8	113.7
120	110.8	113.5	110.4	110.2	110.0	109.2	108.5	110.7
144	113.1	114.2	115.4	122.8	127.8	132.1	133.9	138.4
168	140.5	142.6	142.0	142.6	143.5	141.1	138.9	140.1
192	140.4	137.9	136.2	138.3	141.4	140.6	140.3	141.5
216	143.1	144.6	146.2	147.6	149.3	145.8	146.4	143.9
240	142.7	136.4	130.8	131.7	132.7	129.5	126.6	122.7
264	119.3	115.2	113.5	109.8	108.1	107.9	108.1	107.9
288	107.4	108.1	109.2	108.7	108.1	109.8	111.6	110.7
312	110.0	110.6	111.2	110.9	110.8	111.3	112.0	112.3
336	112.7	113.4	114.3	114.6	115.0	115.4	115.8	115.9

SONIC SURVEYS

CUSTOMER : Eagle US 2, LLC
DATE : March 16, 2023
CAVERN :PPG No. 007B
OPERATION No. :5

WALL RANGES VS DEPTH

DEPTH	2920.1		TILT	47		VOS	5971.13	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	125.0	124.4	123.9	123.8	123.9	122.0	120.4	119.4
24	118.5	117.8	117.3	116.9	116.6	116.1	115.8	114.8
48	114.9	115.0	115.3	113.8	112.3	112.8	113.5	113.2
72	113.1	113.2	113.5	114.2	115.0	114.8	116.1	115.7
96	115.7	116.6	118.9	118.2	117.7	118.4	119.3	117.8
120	116.6	116.5	116.6	116.3	116.2	115.9	115.8	115.1
144	114.6	114.2	113.9	114.6	115.4	116.1	121.3	123.6
168	126.4	126.3	127.7	128.0	128.5	127.7	126.8	124.9
192	123.7	123.3	123.0	124.8	126.6	127.4	129.0	128.9
216	129.1	131.2	133.0	134.1	134.6	134.6	134.1	131.4
240	129.0	127.0	126.2	123.6	123.0	119.2	117.3	114.7
264	112.3	113.0	113.9	115.5	117.3	118.0	118.9	116.5
288	114.3	116.8	119.6	119.2	118.9	119.6	120.4	121.3
312	122.3	121.7	121.2	121.7	122.3	123.0	123.9	123.4
336	123.1	124.2	125.4	125.1	125.0	124.8	124.6	124.8

DEPTH	2920.1		TILT	42		VOS	5971.13	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	131.6	129.7	128.1	126.8	127.1	126.4	123.5	122.4
24	121.6	120.9	120.4	119.4	119.6	119.5	119.5	119.3
48	119.2	119.3	119.7	119.3	119.2	119.3	116.2	117.2
72	118.5	118.8	119.3	119.7	120.4	119.6	120.3	119.5
96	121.2	122.4	123.5	124.5	125.8	126.8	128.1	127.2
120	126.6	127.8	129.3	127.0	125.0	125.3	125.8	124.1
144	122.7	123.0	123.5	120.7	118.1	118.6	126.4	120.4
168	120.1	119.6	119.8	119.5	118.1	117.8	117.7	116.3
192	115.0	115.1	115.4	116.3	119.5	120.4	122.0	120.9
216	120.0	121.1	124.5	125.1	125.4	125.9	126.6	123.7
240	121.2	119.5	118.1	118.2	118.5	120.1	122.0	123.0
264	124.3	124.0	123.9	125.9	128.1	127.4	127.0	127.0
288	127.3	128.6	130.0	132.0	134.3	134.5	135.0	133.8
312	132.7	131.8	131.2	131.8	132.7	131.8	131.2	130.5
336	130.0	129.9	130.0	130.1	130.4	129.5	128.9	130.1

DEPTH	2920.1		TILT	37		VOS	5971.13	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	140.4	140.9	141.1	140.8	139.3	137.2	135.4	134.1
24	133.1	132.4	136.3	135.2	134.9	134.3	132.3	131.8
48	131.6	132.4	133.5	132.4	131.6	132.0	132.7	133.9
72	135.4	137.0	138.9	130.4	138.2	124.7	126.6	128.4
96	130.4	130.1	130.0	130.3	130.8	132.8	135.0	137.2
120	139.6	140.1	140.8	140.9	141.2	142.8	144.6	141.2
144	138.1	139.1	140.4	137.3	134.6	136.8	139.3	138.6
168	138.1	136.0	134.3	133.6	133.1	133.2	133.5	132.2
192	131.1	130.3	129.6	129.5	129.6	131.6	133.9	134.5
216	135.4	133.0	130.8	132.4	134.3	137.1	140.4	137.3
240	134.6	136.0	137.7	139.1	140.8	142.6	144.6	142.2
264	140.1	141.6	143.4	143.3	143.5	145.6	148.1	148.4
288	148.9	148.2	147.7	147.0	146.6	147.2	148.1	146.2
312	144.6	145.5	146.6	146.1	145.8	144.5	143.5	142.4
336	141.6	146.5	145.8	142.0	143.9	143.2	142.7	141.4

SONIC SURVEYS

CUSTOMER : Eagle US 2, LLC
DATE : March 16, 2023
CAVERN :PPG No. 007B
OPERATION No. :5

WALL RANGES VS DEPTH

DEPTH	2920.1		TILT	32		VOS	5971.13	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	173.4	159.1	159.6	159.1	167.8	157.9	157.3	154.6
24	162.6	155.2	158.5	157.2	156.2	154.7	153.5	155.0
48	156.9	156.4	156.2	155.4	155.0	155.8	156.9	155.8
72	155.0	153.1	151.6	151.8	152.3	152.5	153.1	153.5
96	154.3	155.4	156.9	149.1	161.7	162.7	164.0	148.3
120	151.2	150.8	150.8	150.5	150.4	150.8	151.6	153.1
144	155.0	155.3	155.8	153.7	151.9	153.1	154.6	153.5
168	152.7	152.4	152.3	152.4	152.7	152.2	151.9	155.4
192	159.3	156.0	153.1	156.7	160.8	159.1	157.7	161.1
216	165.0	162.9	161.2	162.5	164.3	162.7	161.6	163.5
240	165.8	166.9	168.3	168.6	169.3	169.1	169.2	167.9
264	166.9	166.8	166.9	168.7	170.8	168.3	166.2	167.7
288	169.6	168.3	167.3	167.2	167.3	167.5	168.1	168.7
312	169.6	169.7	170.0	167.5	165.4	168.8	172.7	172.0
336	171.6	169.3	167.3	166.6	166.2	166.2	166.6	162.5

DEPTH	2920.1		TILT	27		VOS	5971.13	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	172.8	172.3	172.1	168.6	170.1	169.3	168.9	168.6
24	168.7	168.4	168.5	165.5	164.8	165.0	165.4	167.3
48	169.6	169.8	170.4	172.3	170.6	171.8	178.1	180.0
72	178.0	184.2	186.6	189.4	192.7	193.8	179.1	192.6
96	190.4	187.8	192.7	195.7	199.3	189.2	191.6	189.6
120	195.1	186.9	186.2	188.5	191.3	177.0	198.8	195.0
144	191.8	191.3	191.3	195.2	199.8	198.1	196.9	197.2
168	197.9	197.0	196.5	196.5	196.9	195.8	195.1	182.6
192	192.3	202.1	201.2	191.9	195.4	196.7	198.5	195.5
216	193.1	191.7	190.8	204.2	205.9	199.2	198.9	200.9
240	203.5	200.3	197.7	200.3	192.7	193.0	203.1	203.6
264	204.5	203.0	201.9	198.6	195.8	191.5	187.7	186.2
288	185.0	180.5	179.4	177.7	178.3	177.9	177.8	178.1
312	179.3	179.8	180.8	180.8	180.9	175.9	172.9	172.0
336	172.0	172.8	174.0	173.5	173.4	172.6	170.9	171.3

DEPTH	2920.1		TILT	22		VOS	5971.13	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	164.9	165.2	165.8	164.3	162.9	162.4	162.7	161.2
24	161.9	161.0	160.4	160.6	161.1	162.2	163.7	164.6
48	165.8	167.9	170.4	172.1	174.9	175.1	175.8	178.1
72	179.6	182.3	187.3	189.5	192.2	195.4	198.9	200.6
96	201.9	205.3	209.2	211.1	213.5	218.3	223.9	226.6
120	230.0	233.0	236.5	241.3	231.3	244.1	241.9	243.7
144	246.2	236.4	237.4	235.7	245.6	236.6	239.3	239.4
168	240.2	242.9	246.3	236.8	248.1	252.7	238.0	238.0
192	255.4	245.8	245.3	243.1	244.0	239.1	252.7	250.1
216	248.1	244.1	240.8	239.7	239.2	237.4	236.2	235.3
240	235.0	231.4	228.5	225.1	222.3	220.3	218.9	215.5
264	213.0	211.9	211.2	202.5	196.4	188.6	181.6	179.2
288	177.1	176.7	176.8	175.1	175.0	172.9	171.8	173.6
312	176.3	176.0	176.2	175.5	175.8	169.6	165.5	164.3
336	163.5	165.1	167.2	166.9	168.5	165.0	164.1	164.3

SONIC SURVEYS

CUSTOMER : Eagle US 2, LLC
DATE : March 16, 2023
CAVERN :PPG No. 007B
OPERATION No. :5

WALL RANGES VS DEPTH

DEPTH	2920.1		TILT	17		VOS	5971.13	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	154.7	156.4	158.4	156.8	155.6	154.0	153.0	153.3
24	153.9	154.0	154.6	156.3	158.3	158.9	159.6	161.7
48	164.3	165.0	166.2	169.2	170.3	171.9	173.8	175.0
72	176.2	178.9	183.5	186.3	189.6	190.7	192.3	194.5
96	197.3	203.4	204.2	208.8	211.1	214.8	218.4	221.9
120	226.7	230.2	231.5	236.1	241.5	245.4	243.8	242.9
144	242.7	245.7	243.5	249.2	255.8	250.8	249.4	252.2
168	255.9	256.7	258.1	258.5	259.4	257.4	258.9	255.6
192	256.5	257.9	259.2	258.7	257.1	254.3	250.3	246.0
216	243.6	238.7	234.7	236.4	240.1	237.8	237.0	235.0
240	233.1	231.4	230.4	225.6	222.3	219.3	217.3	212.8
264	207.9	200.9	193.5	188.8	184.9	179.5	175.5	172.9
288	170.6	168.6	166.8	163.4	160.4	160.0	166.3	166.4
312	164.6	161.7	165.7	162.8	160.6	157.7	155.1	155.8
336	156.8	158.6	161.0	159.8	159.0	156.9	155.3	154.8

DEPTH	2920.1		TILT	12		VOS	5971.13	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	142.1	144.6	147.5	147.3	142.2	142.3	142.8	141.2
24	143.4	145.7	148.2	151.1	153.2	154.0	157.3	156.4
48	158.4	159.7	161.3	165.7	170.9	170.8	171.1	175.3
72	180.1	180.3	184.6	186.2	188.5	189.5	191.1	190.7
96	191.6	197.3	203.5	202.3	201.6	203.2	205.6	207.4
120	210.3	211.3	210.2	218.5	221.5	227.4	230.4	231.4
144	232.8	236.1	240.4	246.1	252.1	246.9	242.2	245.1
168	248.8	248.3	248.4	248.6	250.1	248.8	248.8	245.3
192	242.5	243.1	244.5	240.9	238.5	239.3	240.7	235.8
216	231.3	227.8	227.4	228.7	232.3	232.3	232.9	231.2
240	230.1	229.3	229.1	221.9	218.5	214.1	213.1	207.1
264	201.6	196.6	181.6	166.6	167.1	163.9	161.5	157.2
288	153.5	150.7	146.7	148.9	152.1	152.2	152.7	153.1
312	153.3	153.7	154.4	146.7	150.4	148.9	147.8	148.8
336	147.0	144.1	149.8	148.3	148.7	146.7	145.0	143.4

DEPTH	2920.1		TILT	0		VOS	5971.13	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	129.8	129.8	130.1	131.2	132.7	131.8	131.3	132.7
24	134.4	137.6	141.4	146.1	151.5	152.3	153.5	154.9
48	156.7	160.1	164.2	162.8	167.0	172.2	172.9	172.6
72	172.9	173.9	175.5	177.7	180.4	183.3	186.8	185.0
96	181.0	183.7	188.3	193.6	193.7	193.6	194.0	193.9
120	194.3	196.8	200.0	199.8	200.0	203.6	207.8	209.4
144	211.6	216.5	222.3	224.7	221.5	219.6	218.3	224.3
168	224.6	223.6	223.2	224.3	226.1	223.9	222.3	220.1
192	218.5	217.5	217.1	217.4	218.3	214.1	210.7	212.3
216	214.5	218.7	223.7	228.4	233.9	235.3	237.3	229.9
240	223.5	221.7	220.6	216.6	213.3	211.6	210.4	207.8
264	205.8	191.8	180.1	171.3	163.8	158.3	151.8	148.3
288	145.4	142.0	139.1	141.0	143.4	141.0	139.1	142.3
312	146.0	139.1	144.5	134.6	136.5	134.5	133.0	132.2
336	131.8	132.8	134.2	132.1	130.4	130.9	131.8	130.6

SONIC SURVEYS

CUSTOMER : Eagle US 2, LLC
DATE : March 16, 2023
CAVERN :PPG No. 007B
OPERATION No. :5

WALL RANGES VS DEPTH

DEPTH	2930.1		TILT	0		VOS	5971.13	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	128.4	128.9	129.8	130.2	131.0	129.3	128.1	129.1
24	130.4	133.6	137.3	143.7	151.2	151.4	152.1	153.7
48	155.8	159.0	162.8	166.1	170.0	171.9	174.3	173.2
72	172.6	173.1	174.0	176.4	179.2	182.3	185.9	183.6
96	181.8	186.2	191.4	191.8	192.8	192.1	192.0	193.0
120	194.6	192.5	191.1	191.7	192.8	192.6	192.8	194.8
144	197.4	199.9	202.9	209.4	207.0	214.3	212.5	212.8
168	213.6	217.0	221.1	219.5	218.5	217.4	216.8	214.5
192	212.8	212.5	212.8	212.6	213.1	209.7	207.0	210.9
216	212.4	218.8	222.6	227.5	233.3	234.3	235.9	225.9
240	217.4	218.8	220.9	217.8	215.4	213.5	212.2	205.5
264	209.1	194.8	181.5	176.1	168.4	161.1	154.6	151.2
288	145.4	142.9	140.8	138.3	136.2	134.8	133.9	130.4
312	127.5	129.0	131.0	130.8	131.0	131.1	131.6	131.1
336	131.0	131.5	132.4	131.8	131.6	132.1	133.0	130.5

DEPTH	2940.0		TILT	0		VOS	5971.13	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	125.3	124.0	124.6	125.7	127.2	125.7	124.6	126.4
24	130.7	130.9	137.3	144.5	152.9	152.6	152.6	153.7
48	155.3	158.8	163.1	165.2	168.0	170.0	172.6	172.1
72	172.0	172.5	173.5	174.8	176.6	180.6	185.3	182.9
96	181.0	186.0	192.0	191.8	192.2	191.4	191.1	191.4
120	192.2	188.3	185.0	182.0	184.8	182.1	185.3	182.3
144	179.8	183.5	187.9	194.7	202.6	201.4	200.6	209.2
168	210.2	206.2	209.3	205.6	202.6	203.5	205.0	200.7
192	203.5	199.7	202.9	200.2	198.0	202.4	207.6	210.8
216	214.8	219.7	225.5	230.4	236.2	236.0	236.5	226.1
240	217.1	219.1	221.7	218.2	215.4	214.2	213.6	211.4
264	209.9	196.6	192.4	182.3	176.2	167.5	160.0	158.6
288	156.1	151.9	148.3	145.3	142.8	138.0	133.9	130.3
312	127.2	126.3	125.8	124.3	123.2	122.6	122.3	123.0
336	124.0	127.1	130.7	126.0	122.0	123.0	126.7	125.8

DEPTH	2950.0		TILT	0		VOS	5971.13	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	120.9	117.6	119.4	117.2	115.2	117.2	119.4	124.3
24	131.6	135.4	133.8	145.4	151.8	151.1	150.9	154.1
48	156.5	159.8	162.2	164.0	166.2	169.0	172.3	171.3
72	170.9	171.1	171.7	173.5	175.8	180.6	183.0	182.6
96	183.6	186.3	189.6	187.9	186.8	186.2	186.2	187.8
120	189.9	186.3	183.3	180.9	178.9	181.1	183.9	179.9
144	176.6	174.8	183.7	181.1	190.1	192.6	195.7	195.4
168	195.7	198.7	202.4	200.9	200.0	197.0	194.6	193.7
192	193.4	195.0	197.2	198.3	200.0	203.9	208.4	212.8
216	218.0	221.8	226.3	232.1	238.8	237.1	236.2	227.2
240	219.4	220.0	221.1	218.9	217.4	215.8	214.8	210.1
264	207.6	200.6	199.2	188.6	181.3	174.0	167.7	165.7
288	164.2	161.9	160.2	153.8	149.2	144.0	140.2	137.8
312	135.9	131.1	129.8	128.6	127.8	127.5	127.5	127.3
336	127.5	127.8	128.4	126.4	124.9	124.6	124.6	122.5

SONIC SURVEYS

CUSTOMER : Eagle US 2, LLC
DATE : March 16, 2023
CAVERN :PPG No. 007B
OPERATION No. :5

WALL RANGES VS DEPTH

DEPTH	2960.0		TILT	0		VOS	5971.13	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	122.9	121.3	120.0	118.5	117.4	118.1	119.1	121.1
24	121.5	133.5	136.5	143.3	151.2	152.0	153.2	155.6
48	158.4	160.9	163.9	164.7	165.9	167.9	170.3	169.6
72	169.4	170.2	171.4	173.3	175.8	179.1	183.0	183.3
96	184.2	186.0	188.5	185.9	183.9	183.9	183.5	181.9
120	180.9	178.4	176.1	176.3	173.8	177.1	176.1	172.3
144	169.1	168.6	168.5	175.1	182.7	185.9	189.6	192.2
168	174.5	185.9	192.5	185.9	197.2	192.5	188.5	191.5
192	195.1	194.6	194.6	197.3	200.6	204.7	209.6	213.0
216	217.1	221.0	225.8	230.9	237.0	238.7	241.1	235.0
240	229.8	224.5	220.0	219.7	220.0	217.1	214.8	212.6
264	211.0	205.0	199.8	192.5	186.2	178.7	172.3	174.5
288	177.2	173.1	169.7	165.2	161.3	154.3	148.3	145.2
312	142.5	140.1	138.2	136.6	135.3	133.5	132.1	131.4
336	131.0	129.5	128.4	126.6	125.2	124.9	124.9	123.7

DEPTH	2970.0		TILT	0		VOS	5971.13	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	127.5	126.5	125.8	125.3	125.2	124.6	124.3	126.4
24	129.0	132.3	136.2	143.0	150.9	152.6	154.7	155.5
48	156.7	159.7	164.7	164.2	164.2	165.5	167.4	167.9
72	167.7	168.9	170.6	172.8	175.5	178.6	182.4	183.3
96	184.7	185.5	186.8	184.6	183.0	181.9	181.3	181.0
120	181.3	176.3	172.0	172.2	172.9	174.4	176.3	169.4
144	163.3	164.8	166.8	175.6	179.1	181.9	189.6	190.4
168	174.2	180.3	184.1	183.8	194.6	185.9	188.3	194.1
192	194.8	194.4	194.6	197.1	200.3	206.1	207.5	212.0
216	217.8	221.4	225.8	235.7	241.7	240.8	240.5	231.7
240	224.0	221.7	220.0	219.1	218.8	217.4	216.5	212.1
264	208.4	204.5	201.2	193.8	192.8	181.7	179.3	179.4
288	182.4	178.5	175.2	169.4	164.5	162.4	160.7	154.8
312	152.6	147.8	143.7	141.6	140.7	138.0	136.0	135.2
336	133.5	134.0	134.2	131.7	131.8	129.4	129.8	128.5

DEPTH	2980.0		TILT	0		VOS	5971.13	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	137.0	135.8	135.0	132.5	130.4	131.1	132.1	131.2
24	130.7	135.1	136.1	145.6	150.0	151.8	154.1	154.1
48	155.0	160.3	166.5	164.5	163.1	163.6	165.5	166.3
72	167.8	168.7	170.3	172.3	174.9	178.1	179.3	183.0
96	184.7	184.9	185.6	182.7	180.4	179.3	178.7	178.4
120	177.3	174.1	170.3	171.0	172.3	172.1	172.3	167.2
144	162.9	163.6	164.8	171.3	178.9	179.9	181.3	186.2
168	175.6	177.9	180.9	187.2	189.6	189.2	189.4	191.0
192	193.1	193.6	194.6	198.2	202.6	206.9	211.9	216.4
216	221.7	226.5	232.1	237.0	242.8	241.3	240.5	233.0
240	226.6	223.7	221.4	220.7	220.6	218.4	216.8	214.2
264	212.2	208.7	205.8	199.8	194.6	189.1	184.4	183.6
288	183.3	181.4	180.1	175.1	175.6	170.2	166.8	162.7
312	159.3	156.0	153.2	150.8	148.9	146.8	145.1	145.2
336	145.7	142.9	140.5	138.4	136.8	137.9	139.4	138.0

SONIC SURVEYS

CUSTOMER : Eagle US 2, LLC
DATE : March 16, 2023
CAVERN :PPG No. 007B
OPERATION No. :5

WALL RANGES VS DEPTH

DEPTH	2990.0		TILT	0		VOS	5971.13	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	147.4	146.1	145.1	142.1	139.6	140.9	142.5	142.3
24	142.5	142.8	143.4	145.6	148.3	151.5	155.3	155.2
48	155.5	158.8	165.7	163.5	161.9	166.4	167.3	167.9
72	168.0	167.2	167.3	169.3	170.8	174.8	180.0	181.4
96	185.0	185.2	185.9	183.0	182.0	179.9	177.8	177.0
120	176.6	175.4	174.6	173.8	173.5	171.3	169.7	166.3
144	162.6	162.9	163.6	169.5	177.0	178.0	177.2	182.4
168	175.6	175.9	176.6	180.4	182.6	188.5	189.1	188.7
192	188.8	191.4	194.6	199.2	204.7	209.3	214.8	219.0
216	224.0	228.4	233.6	237.1	241.4	241.6	242.5	235.2
240	228.9	225.0	221.7	218.9	216.8	215.2	214.2	213.6
264	213.6	202.7	207.7	202.2	197.5	192.7	150.6	186.9
288	187.0	184.9	183.3	182.6	182.4	178.0	174.3	171.3
312	168.8	166.3	164.2	161.0	158.4	157.3	156.7	155.5
336	154.7	153.7	153.2	151.0	149.2	147.7	146.6	146.8

DEPTH	3000.0		TILT	0		VOS	5971.13	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	159.3	157.5	156.1	154.3	152.9	152.6	152.6	153.6
24	155.0	153.4	152.4	151.1	150.3	152.3	154.7	155.2
48	156.1	160.4	165.4	167.4	166.3	169.0	172.3	172.1
72	172.3	172.5	173.2	173.6	174.6	178.6	183.3	184.5
96	186.2	185.0	184.4	182.4	181.0	180.3	180.1	177.1
120	174.6	174.4	174.6	175.2	173.3	172.1	168.5	163.1
144	158.4	161.0	164.2	168.5	173.5	177.0	181.2	178.6
168	175.2	180.1	179.2	180.7	182.7	183.5	184.7	185.5
192	186.6	189.9	194.4	201.3	206.1	210.5	215.7	219.6
216	224.3	228.8	234.1	238.1	242.8	243.5	244.8	236.9
240	230.1	226.4	223.5	221.0	219.1	216.3	214.2	215.2
264	216.8	200.0	168.0	165.0	156.8	145.7	142.0	162.1
288	189.6	190.8	192.5	190.4	188.8	186.3	184.4	180.8
312	177.8	175.4	173.5	170.9	168.8	166.9	165.4	165.0
336	165.1	165.0	165.4	162.2	159.6	159.4	159.6	159.2

DEPTH	3004.9		TILT	0		VOS	5971.13	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	159.9	159.5	159.6	158.5	157.9	157.2	157.0	157.9
24	159.3	156.7	154.7	156.6	159.0	157.2	155.8	155.9
48	156.4	160.4	165.1	168.2	172.0	173.1	174.6	173.6
72	173.2	174.4	176.1	177.1	178.3	179.1	184.2	185.3
96	187.0	186.1	185.6	183.4	181.8	181.6	181.8	182.0
120	181.9	177.8	174.8	174.4	174.0	171.5	169.4	161.5
144	162.1	159.6	163.1	169.6	174.6	172.8	179.5	177.3
168	175.6	180.3	180.4	181.0	182.1	183.0	184.4	186.3
192	188.8	192.3	195.1	201.0	204.3	209.7	213.9	220.2
216	227.5	231.3	235.9	238.7	242.2	243.5	245.4	237.6
240	231.0	227.0	223.7	221.0	218.8	217.4	216.5	198.8
264	222.9	191.0	160.2	161.9	157.2	144.9	139.9	159.6
288	193.8	193.6	192.2	193.0	194.3	190.9	188.2	186.2
312	184.7	182.3	180.4	175.9	172.0	171.9	172.3	170.2
336	168.5	169.0	170.0	166.1	162.8	163.8	165.4	162.4

SONIC SURVEYS

CUSTOMER : Eagle US 2, LLC
DATE : March 16, 2023
CAVERN :PPG No. 007B
OPERATION No. :5

WALL RANGES VS DEPTH

DEPTH	3010.0		TILT	0		VOS	5971.13	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	164.5	163.5	163.1	161.4	160.2	161.4	163.1	163.7
24	164.8	164.4	164.5	163.4	162.8	159.0	155.8	156.3
48	157.3	161.4	166.2	168.4	171.1	174.0	177.5	174.8
72	179.1	175.5	178.9	179.6	180.7	182.0	183.9	186.5
96	187.1	187.3	185.6	186.8	188.5	191.3	194.6	187.5
120	189.1	191.9	178.7	176.2	174.3	171.6	169.4	165.8
144	162.9	162.0	161.6	167.9	175.2	176.2	177.7	177.1
168	176.9	178.5	180.7	181.7	183.3	184.9	187.0	188.2
192	189.9	193.5	197.7	202.8	205.3	211.3	214.5	219.8
216	226.1	230.7	236.2	238.7	242.0	242.8	244.3	237.6
240	231.8	229.3	227.5	224.4	222.0	218.5	215.7	193.2
264	224.0	167.1	159.9	148.9	150.8	141.0	136.5	133.8
288	131.8	124.3	196.0	118.5	195.0	193.2	192.0	189.1
312	186.8	183.7	181.3	181.6	182.4	176.8	177.0	170.9
336	170.3	170.3	170.9	169.3	168.3	166.0	164.2	164.1

DEPTH	3015.0		TILT	0		VOS	5971.13	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	173.7	169.8	166.5	165.0	163.9	164.9	166.4	168.1
24	170.3	169.5	169.1	170.0	171.4	166.1	161.6	160.2
48	159.3	165.2	172.0	174.5	177.5	175.2	178.5	179.1
72	179.7	180.6	182.2	181.7	183.0	183.5	184.4	186.7
96	189.6	195.1	201.5	198.4	196.0	198.2	200.9	206.2
120	211.5	215.4	216.2	210.2	236.0	222.5	207.6	195.1
144	178.1	160.7	162.9	164.8	174.0	176.1	178.8	176.3
168	174.3	175.8	178.9	180.7	184.2	185.9	188.2	190.2
192	192.8	196.7	201.2	205.7	211.0	213.7	217.1	221.7
216	227.2	231.3	236.2	240.0	244.6	244.8	245.7	238.2
240	231.8	230.1	228.9	225.7	223.2	219.3	216.2	191.2
264	180.5	163.8	157.0	145.8	138.1	136.7	135.7	127.0
288	124.0	119.4	115.4	110.7	106.7	195.5	193.7	192.1
312	191.1	189.5	188.5	186.8	185.6	182.9	180.7	179.0
336	177.8	175.9	174.6	173.1	172.0	173.5	175.5	174.4

DEPTH	3020.0		TILT	0		VOS	5971.13	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	178.1	174.2	170.9	171.2	172.0	170.0	168.5	171.6
24	175.2	177.4	180.1	176.3	173.2	170.3	176.6	163.7
48	160.2	165.4	171.4	174.0	177.2	178.3	179.8	180.9
72	182.4	186.0	190.2	187.9	194.8	195.7	193.0	193.3
96	194.0	195.9	204.7	207.2	210.4	204.7	205.2	207.8
120	217.1	223.6	216.9	219.6	240.8	228.5	218.0	210.7
144	206.4	182.4	188.9	174.9	171.8	174.6	178.1	176.1
168	174.6	178.2	182.4	183.6	185.3	187.2	189.6	191.7
192	194.3	198.4	203.2	206.9	211.3	214.6	218.5	224.0
216	228.2	233.2	238.6	240.8	245.7	245.4	245.7	240.1
240	235.3	232.4	230.1	230.6	231.8	224.7	223.7	191.7
264	174.2	153.4	144.1	142.3	134.8	129.6	129.6	118.8
288	118.5	114.5	111.0	109.3	107.9	106.8	106.1	196.0
312	194.6	192.0	189.9	188.2	187.0	185.6	184.7	182.7
336	181.3	181.4	182.1	181.4	181.3	179.0	177.2	177.4

SONIC SURVEYS

CUSTOMER : Eagle US 2, LLC
DATE : March 16, 2023
CAVERN :PPG No. 007B
OPERATION No. :5

WALL RANGES VS DEPTH

DEPTH	3025.1		TILT	0		VOS	5971.13	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	180.7	179.3	178.4	177.4	176.9	175.2	174.0	176.4
24	179.2	182.5	186.5	185.0	184.2	176.9	181.2	179.0
48	177.3	166.7	172.6	176.7	181.5	180.7	180.4	180.9
72	181.8	186.1	191.1	192.7	194.8	196.2	198.0	197.9
96	198.3	200.0	202.4	206.6	211.6	208.5	216.6	211.0
120	216.8	223.5	222.8	234.4	238.2	228.9	222.8	218.2
144	216.2	191.2	299.0	197.9	174.9	175.2	176.1	174.9
168	174.3	178.4	183.3	186.2	189.6	191.0	192.8	195.7
192	199.2	202.4	206.4	208.5	211.3	215.7	220.9	224.9
216	229.8	233.5	237.9	242.7	248.3	249.4	251.2	244.0
240	237.9	239.3	231.8	233.7	236.2	233.5	231.5	192.3
264	164.8	154.9	146.6	125.6	117.3	122.7	113.9	112.2
288	111.6	108.4	107.7	102.4	103.5	100.7	98.3	92.7
312	87.9	87.2	86.8	83.2	80.1	187.1	187.6	186.2
336	185.3	184.9	185.0	183.5	182.4	181.2	180.4	180.3

DEPTH	3030.1		TILT	0		VOS	5971.13	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	75.6	73.5	75.1	70.8	70.0	178.6	186.5	189.6
24	193.4	185.7	186.9	191.4	189.9	188.2	187.0	183.7
48	180.9	177.1	174.0	178.2	183.0	184.9	187.3	185.5
72	184.2	189.2	195.1	223.8	226.8	205.0	233.2	235.5
96	238.5	241.4	245.2	207.5	213.9	215.3	217.4	217.1
120	217.4	221.7	226.9	232.4	238.8	229.3	221.1	220.1
144	219.7	301.0	300.2	294.6	176.1	174.9	174.3	176.9
168	180.1	183.5	187.6	190.8	194.6	195.1	196.3	198.3
192	201.1	203.8	207.3	210.0	213.3	217.2	221.7	225.4
216	229.8	234.9	240.8	244.4	248.9	251.4	254.7	249.2
240	261.4	243.1	242.2	239.4	264.2	236.3	235.9	191.9
264	160.7	152.6	145.5	122.1	109.6	109.4	109.6	104.0
288	99.2	99.3	99.8	97.6	95.7	90.9	86.8	84.3
312	82.1	81.1	80.4	79.0	77.8	74.7	72.0	72.5
336	73.2	73.1	73.2	72.3	71.7	183.3	184.4	185.4

DEPTH	3035.0		TILT	0		VOS	5971.13	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	73.7	69.8	74.5	66.9	67.4	66.7	66.2	192.5
24	196.1	195.7	196.1	196.2	196.7	193.2	192.5	189.6
48	202.5	203.5	205.0	205.9	185.2	208.9	210.9	190.5
72	219.1	221.2	223.8	227.2	231.2	232.5	234.5	236.9
96	240.0	243.3	247.4	252.1	257.7	235.3	217.1	269.2
120	276.7	282.3	288.9	292.2	296.4	304.8	314.5	309.5
144	309.4	303.1	301.5	296.5	292.4	290.2	291.7	203.3
168	201.9	197.5	193.8	299.5	301.9	199.2	201.3	306.6
192	201.3	204.3	208.0	210.9	214.5	304.0	218.7	296.9
216	230.9	235.6	241.2	247.0	253.8	252.3	256.1	263.3
240	277.0	273.9	271.6	268.7	266.7	261.4	257.0	191.5
264	152.9	142.9	134.5	120.1	108.7	106.2	104.1	101.7
288	99.7	96.6	93.9	92.9	92.3	88.8	85.8	82.5
312	79.7	80.2	70.6	73.9	68.1	68.5	69.1	71.0
336	73.2	71.3	69.7	66.9	64.5	69.2	74.9	74.2

SONIC SURVEYS

CUSTOMER : Eagle US 2, LLC
DATE : March 16, 2023
CAVERN :PPG No. 007B
OPERATION No. :5

WALL RANGES VS DEPTH

DEPTH	3039.9		TILT	0		VOS	5971.13	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	75.0	68.2	62.7	62.1	66.1	57.8	54.7	195.5
24	198.8	198.6	198.8	198.6	198.8	198.1	197.9	193.8
48	203.5	203.5	204.0	207.3	210.4	210.7	211.6	215.2
72	223.4	222.4	225.8	229.1	233.1	235.6	238.9	240.8
96	243.5	246.4	250.0	254.9	260.8	265.1	270.4	273.2
120	276.9	286.0	296.5	302.3	309.2	311.5	314.6	311.8
144	311.5	305.9	301.4	295.5	292.8	292.0	291.9	292.2
168	293.3	295.7	298.9	298.1	302.3	303.0	304.6	305.8
192	307.9	312.1	317.3	313.5	310.7	305.2	300.8	298.0
216	296.2	293.8	292.3	250.7	253.4	246.1	257.6	245.9
240	279.6	278.1	277.3	270.2	271.0	261.9	260.4	189.8
264	149.6	139.9	131.6	119.0	108.9	97.0	87.7	83.3
288	79.4	81.1	83.1	86.0	89.3	86.6	84.3	82.2
312	80.4	72.8	66.6	66.9	67.4	64.2	61.6	65.3
336	69.7	61.9	55.8	58.1	60.8	66.3	57.3	74.0

DEPTH	3044.9		TILT	0		VOS	5971.13	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	74.7	68.1	63.5	62.9	62.8	57.3	54.3	59.3
24	201.2	73.0	73.9	74.9	76.2	70.5	67.3	68.7
48	72.0	72.4	73.1	75.3	77.7	212.8	216.9	221.3
72	226.6	228.7	231.5	232.4	233.9	236.8	240.4	242.9
96	246.2	247.5	249.6	253.6	258.5	264.8	272.3	276.3
120	281.2	286.8	293.5	299.6	306.9	309.9	313.8	312.8
144	312.7	307.2	302.7	297.0	292.3	291.7	291.9	292.3
168	293.5	295.3	298.1	299.8	302.3	303.0	304.6	305.0
192	306.2	312.3	319.6	313.7	314.0	306.8	300.8	299.1
216	297.3	278.3	293.8	237.3	237.9	239.8	215.4	243.3
240	280.4	281.0	282.3	278.4	275.4	267.1	266.5	188.1
264	156.4	132.0	129.7	118.4	110.8	95.5	86.0	81.1
288	78.1	79.9	82.0	80.3	85.8	80.7	66.2	71.4
312	77.7	70.7	65.0	65.3	65.8	62.6	56.6	61.6
336	67.7	60.4	54.7	57.1	60.0	56.5	53.5	62.3

DEPTH	3050.0		TILT	0		VOS	5971.13	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	75.0	67.5	63.0	62.6	62.1	54.3	51.0	56.4
24	66.2	64.5	61.8	62.3	56.8	61.5	65.4	62.1
48	59.8	61.5	66.3	70.8	78.1	215.0	219.2	222.3
72	226.2	229.3	233.1	234.5	236.5	241.3	246.9	252.6
96	259.2	261.0	263.5	264.1	265.4	270.8	277.3	282.2
120	288.1	291.3	295.4	301.2	308.1	310.1	313.1	310.5
144	308.8	303.7	299.6	295.7	292.7	292.3	292.7	293.4
168	295.0	295.9	297.7	300.1	303.5	303.2	303.8	306.7
192	310.4	314.9	320.4	318.4	317.3	308.4	300.8	300.2
216	300.4	262.8	291.9	223.8	216.6	209.3	203.1	212.0
240	222.3	281.9	281.1	278.3	276.4	272.2	268.9	186.4
264	159.3	123.4	125.5	117.9	109.0	95.4	85.2	80.8
288	76.5	78.5	80.8	79.7	81.6	70.8	62.7	65.1
312	67.7	65.3	63.1	63.1	63.2	59.6	55.5	61.1
336	64.5	59.4	53.5	55.8	58.5	55.2	52.4	61.6

SONIC SURVEYS

CUSTOMER : Eagle US 2, LLC
DATE : March 16, 2023
CAVERN :PPG No. 007B
OPERATION No. :5

WALL RANGES VS DEPTH

DEPTH	3050.0		TILT	-1		VOS	5971.13	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	72.5	67.3	62.9	62.3	61.9	53.9	50.2	54.2
24	48.0	52.6	60.8	58.1	55.9	61.1	65.0	62.0
48	57.5	61.4	66.1	69.5	76.2	80.3	220.2	223.4
72	228.2	234.3	237.9	237.4	237.5	245.6	250.8	255.5
96	261.2	262.2	263.9	268.0	273.1	275.5	278.7	282.7
120	287.6	291.4	296.1	302.2	309.4	311.0	313.4	310.7
144	308.8	304.7	301.4	296.7	292.9	291.7	291.2	293.9
168	297.5	296.8	296.8	298.3	300.7	301.7	303.5	305.9
192	309.2	314.8	321.6	319.6	318.5	313.8	310.2	309.4
216	309.6	249.6	292.1	209.5	194.3	192.8	194.4	211.0
240	212.6	218.5	216.3	278.7	278.3	235.4	268.7	186.5
264	157.3	124.5	115.2	112.6	108.2	95.2	85.2	80.4
288	76.4	78.5	80.9	79.8	78.6	68.6	62.5	63.8
312	65.2	63.9	62.8	62.8	63.3	58.9	55.1	60.9
336	64.0	58.9	52.0	55.5	57.8	55.3	51.6	60.2

DEPTH	3050.0		TILT	-4		VOS	5971.13	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	68.9	64.9	61.5	60.5	59.7	53.6	49.6	48.3
24	47.1	52.6	61.7	58.1	55.5	61.5	65.4	61.7
48	57.2	61.3	65.0	69.8	73.7	78.5	82.8	228.1
72	237.9	242.1	246.8	247.4	251.7	252.2	253.5	256.1
96	259.5	266.9	272.5	274.2	279.3	280.6	285.0	288.7
120	293.1	294.0	302.2	306.0	310.6	312.5	315.3	313.0
144	312.1	308.8	307.2	303.2	300.7	300.2	300.5	301.3
168	303.0	306.2	310.3	309.1	308.9	310.8	310.7	317.8
192	320.2	320.5	327.1	325.7	325.1	321.9	320.6	236.3
216	313.2	237.4	191.6	184.6	178.5	179.5	181.0	187.7
240	195.5	199.2	203.6	206.8	202.6	188.1	204.7	173.7
264	154.6	123.1	105.3	98.8	109.3	95.5	85.5	80.3
288	77.1	75.1	79.5	77.1	74.2	67.6	62.2	60.6
312	58.6	60.3	62.6	63.0	62.9	59.7	54.2	60.6
336	63.9	58.1	51.7	55.1	58.0	54.5	51.6	58.9

DEPTH	3050.0		TILT	-7		VOS	5971.13	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	65.0	60.4	56.6	58.3	55.9	52.8	50.2	48.5
24	47.0	52.7	60.1	56.7	53.7	59.5	66.8	61.6
48	57.3	61.3	66.1	70.0	77.4	80.5	83.6	124.5
72	241.0	242.9	249.0	251.6	254.2	257.2	260.9	262.8
96	265.4	270.1	275.6	276.9	281.0	285.2	290.2	291.9
120	296.6	299.6	304.1	308.3	311.1	313.3	316.4	313.6
144	311.8	309.8	308.6	306.8	305.8	303.0	302.8	303.6
168	305.2	306.9	309.5	309.1	309.5	311.7	316.0	318.9
192	322.7	324.4	327.0	324.2	322.4	274.1	313.0	231.7
216	182.4	180.7	181.7	176.4	171.8	174.5	168.9	175.0
240	181.0	173.8	181.0	175.2	173.3	182.0	181.7	162.5
264	157.9	126.1	106.7	99.8	107.2	94.5	85.5	75.3
288	77.1	75.3	75.4	73.6	74.6	68.0	62.6	59.3
312	56.6	58.8	61.5	62.5	63.6	59.0	55.1	58.7
336	62.9	56.4	51.3	54.3	58.0	54.9	52.3	57.9

SONIC SURVEYS

CUSTOMER : Eagle US 2, LLC
DATE : March 16, 2023
CAVERN :PPG No. 007B
OPERATION No. :5

WALL RANGES VS DEPTH

DEPTH	3050.0		TILT	-10		VOS	5971.13	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	65.7	60.2	55.1	56.9	55.4	53.0	49.9	48.2
24	47.1	52.8	60.7	57.3	54.1	59.6	66.5	60.6
48	56.0	60.6	66.4	71.6	77.8	80.9	84.5	124.3
72	236.1	242.8	242.6	253.1	256.3	258.2	260.9	261.2
96	262.3	263.0	264.4	268.6	273.6	277.9	283.1	289.0
120	295.9	299.1	303.3	302.9	303.3	302.9	303.3	308.8
144	315.3	313.3	312.1	309.9	308.6	305.9	304.0	306.0
168	309.0	309.8	296.4	290.3	285.2	294.0	304.2	278.0
192	297.6	259.9	231.2	267.4	185.6	183.0	181.0	198.9
216	183.5	171.0	167.6	167.3	167.6	167.6	152.1	161.7
240	156.2	155.5	155.2	148.5	142.8	146.4	150.6	155.3
264	160.8	128.2	106.8	94.2	97.7	92.8	86.5	76.6
288	78.1	75.8	73.9	73.8	73.9	68.5	63.4	59.8
312	56.0	58.6	61.5	62.6	64.0	58.3	53.8	57.2
336	60.3	56.5	52.3	55.0	58.4	55.1	51.4	57.3

DEPTH	3050.0		TILT	-13		VOS	5971.13	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	66.9	60.3	55.6	56.7	54.3	52.5	48.7	48.0
24	47.4	53.1	60.6	57.7	55.1	60.2	66.4	60.5
48	55.7	60.9	67.0	70.7	76.3	81.4	87.1	103.4
72	128.3	137.3	148.0	147.0	146.4	162.8	183.8	184.5
96	185.7	210.6	244.0	250.3	257.6	256.6	270.8	260.4
120	280.5	274.9	273.5	274.7	276.6	282.0	281.2	286.2
144	292.1	293.1	294.8	298.7	303.4	295.1	287.9	285.1
168	283.1	282.6	282.8	283.5	285.0	273.3	260.2	249.0
192	240.0	226.8	229.3	198.3	177.2	174.4	174.1	177.8
216	174.6	169.2	156.5	161.1	164.4	156.3	149.3	148.9
240	149.0	137.5	136.1	131.2	132.8	135.3	137.0	151.7
264	156.4	121.1	99.0	91.2	84.8	79.4	89.1	76.7
288	79.0	77.3	75.8	70.4	61.3	64.7	63.3	58.4
312	56.1	58.5	61.3	61.0	61.1	56.7	53.2	54.7
336	54.5	53.3	52.2	55.3	59.0	55.0	51.6	57.4

DEPTH	3050.0		TILT	-16		VOS	5971.13	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	67.7	61.7	55.4	54.3	53.2	52.9	49.0	48.5
24	47.4	53.4	60.8	57.2	55.1	60.0	66.9	61.0
48	56.7	61.5	67.4	71.6	76.7	81.0	88.7	106.3
72	133.2	140.3	148.1	144.0	139.9	141.5	143.5	146.6
96	147.9	162.2	155.7	178.2	180.2	229.5	238.0	243.2
120	243.8	251.1	259.6	260.2	261.5	266.4	272.1	272.3
144	273.1	274.8	277.3	280.1	283.8	279.2	275.4	274.5
168	274.4	271.3	268.9	263.3	258.6	236.0	225.4	218.7
192	212.8	205.8	195.1	174.2	167.3	161.6	156.7	154.4
216	152.5	154.2	156.4	150.7	145.7	145.6	145.7	140.7
240	136.4	128.9	122.5	121.6	120.9	128.3	121.4	130.6
264	144.7	110.5	91.0	89.8	85.4	80.8	76.7	77.6
288	78.7	77.3	76.1	68.2	64.3	64.9	65.3	58.9
312	54.8	57.5	60.6	61.6	62.9	54.5	53.0	54.3
336	54.5	52.9	51.6	54.9	57.6	54.9	52.2	57.6

SONIC SURVEYS

CUSTOMER : Eagle US 2, LLC
DATE : March 16, 2023
CAVERN :PPG No. 007B
OPERATION No. :5

WALL RANGES VS DEPTH

DEPTH	3050.0		TILT	-19		VOS	5971.13	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	65.1	61.5	56.7	54.2	51.9	51.5	51.3	49.5
24	48.0	53.9	61.6	57.8	55.1	61.0	63.1	62.1
48	57.1	62.5	67.7	71.8	75.6	81.7	88.3	108.0
72	127.7	137.3	149.0	148.3	148.0	144.9	142.2	144.4
96	147.0	150.8	155.1	163.4	165.9	184.1	201.6	208.9
120	215.7	220.6	233.8	243.4	254.4	249.8	246.0	244.8
144	244.1	249.6	256.0	255.1	254.7	253.9	253.8	256.5
168	251.5	247.8	244.8	246.6	238.0	217.2	207.2	204.5
192	188.4	188.0	173.5	154.2	136.0	144.1	147.7	149.2
216	151.2	150.2	132.4	130.1	128.1	105.8	90.3	97.7
240	114.5	112.9	117.7	114.1	110.9	114.4	118.3	121.2
264	134.7	108.8	86.1	84.3	82.9	79.4	76.4	77.4
288	78.7	76.8	75.1	66.0	63.9	62.3	64.2	59.8
312	55.8	55.7	60.6	55.7	60.7	52.5	53.5	50.9
336	48.7	50.2	51.9	54.4	56.9	54.1	52.6	56.7

DEPTH	3050.0		TILT	-22		VOS	5971.13	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	60.9	60.2	57.8	53.9	51.9	51.9	51.9	50.4
24	49.0	54.8	62.2	58.2	55.8	61.2	56.8	62.4
48	57.7	62.5	69.3	72.8	76.4	82.4	89.6	106.6
72	120.6	130.1	138.4	129.4	128.0	134.0	140.9	143.3
96	146.1	148.4	151.2	157.7	165.1	172.6	181.2	192.6
120	187.6	209.3	215.4	215.9	217.0	227.6	230.0	226.8
144	223.8	221.7	220.7	221.1	222.1	220.8	220.0	217.0
168	217.4	213.2	211.5	209.9	205.1	200.1	195.7	166.2
192	144.8	140.3	136.4	136.2	127.0	133.0	140.3	128.7
216	119.3	112.9	104.7	104.1	103.8	96.2	88.3	87.6
240	87.1	97.9	99.1	100.6	102.0	101.1	100.5	111.8
264	127.4	101.9	85.1	84.0	83.2	80.3	77.7	76.6
288	75.8	72.7	70.0	66.9	64.2	64.7	62.4	60.0
312	55.5	54.2	57.5	51.7	50.3	52.4	54.8	50.8
336	47.4	50.4	52.2	54.4	56.7	54.3	52.2	56.2

DEPTH	3050.0		TILT	-25		VOS	5971.13	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	59.3	59.2	58.4	55.0	52.1	52.2	52.3	51.1
24	49.9	55.7	57.1	59.2	56.7	61.4	55.1	61.9
48	59.1	64.5	71.2	74.4	78.2	84.9	93.1	103.5
72	116.8	123.4	131.2	129.9	128.8	130.9	133.4	136.8
96	140.6	108.2	88.1	113.9	161.9	163.8	166.2	173.3
120	145.7	171.5	185.9	185.6	185.6	188.9	193.9	195.6
144	203.4	206.8	210.8	213.6	216.9	211.6	207.0	181.4
168	177.5	178.3	179.5	170.2	162.1	158.5	155.4	147.7
192	127.5	125.8	125.0	120.2	115.4	115.1	115.0	109.2
216	103.1	95.4	90.4	90.1	93.1	89.1	85.6	84.7
240	83.9	83.2	82.7	88.7	95.8	97.2	98.9	109.3
264	122.5	101.7	87.1	82.6	78.6	77.1	75.7	74.1
288	72.6	70.7	69.0	66.8	62.6	62.6	60.5	58.2
312	56.2	56.0	55.2	51.4	50.0	52.5	54.5	51.8
336	49.5	51.1	53.1	55.0	57.2	54.5	52.1	55.4

SONIC SURVEYS

CUSTOMER : Eagle US 2, LLC
DATE : March 16, 2023
CAVERN :PPG No. 007B
OPERATION No. :5

WALL RANGES VS DEPTH

DEPTH	3050.0		TILT	-28		VOS	5971.13	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	59.3	59.3	59.3	55.4	53.1	52.1	52.3	51.7
24	51.1	56.7	52.8	59.9	56.7	62.4	54.9	63.1
48	59.6	65.8	71.2	75.5	80.6	87.8	96.7	101.3
72	106.6	113.0	112.3	116.5	121.2	120.1	127.1	124.9
96	123.0	101.9	87.1	88.8	90.7	107.0	130.7	133.4
120	130.6	136.5	155.1	168.2	175.6	177.9	180.7	183.6
144	176.0	182.2	189.3	173.1	180.4	177.3	174.7	172.3
168	170.3	166.8	163.8	161.2	140.8	124.8	128.5	117.4
192	111.2	111.8	114.8	107.4	109.3	104.6	100.6	91.3
216	83.7	81.7	79.9	79.7	79.6	77.4	75.5	77.1
240	78.9	79.3	79.8	85.3	91.7	96.9	103.0	110.3
264	118.9	96.3	81.1	78.4	76.0	74.4	73.1	71.4
288	70.0	67.3	64.9	63.5	62.2	59.9	57.9	57.6
312	57.4	56.7	54.1	52.1	51.4	52.3	55.2	51.4
336	48.2	50.9	54.0	54.9	56.0	54.5	53.3	56.1

DEPTH	3050.0		TILT	-31		VOS	5971.13	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	57.7	58.1	58.6	56.4	53.2	53.0	51.6	51.9
24	52.3	51.9	51.9	59.8	58.4	60.2	57.2	61.7
48	61.6	67.0	73.6	77.8	82.3	88.1	95.0	97.3
72	99.9	102.5	105.4	108.9	112.9	112.1	111.4	103.7
96	97.2	90.3	84.4	88.0	92.2	95.6	99.6	111.8
120	127.6	128.0	144.5	152.8	162.5	159.8	163.6	161.7
144	160.2	161.3	162.8	159.0	155.6	160.0	150.1	143.4
168	133.9	123.4	119.8	106.5	112.9	111.1	109.5	106.6
192	104.0	98.5	93.8	92.6	91.7	86.9	82.7	81.8
216	81.1	79.0	77.2	76.0	75.0	74.7	74.5	74.9
240	75.5	74.9	74.5	79.0	84.2	89.0	94.6	100.6
264	107.6	99.0	81.7	81.5	73.3	71.5	70.0	68.0
288	66.3	63.5	61.0	60.2	59.6	58.0	56.7	56.5
312	56.4	54.7	53.1	51.8	49.8	50.7	53.6	51.1
336	49.0	51.4	54.3	54.5	54.8	54.8	55.0	56.2

DEPTH	3050.0		TILT	-34		VOS	5971.13	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	57.7	57.8	58.1	55.2	54.0	54.0	54.1	52.9
24	53.3	53.4	53.6	55.8	58.4	58.1	57.9	60.3
48	63.8	69.4	77.4	80.5	83.9	85.1	86.4	89.2
72	92.4	96.2	100.6	102.6	104.9	106.4	90.8	96.8
96	93.4	87.5	82.5	82.3	82.3	88.7	96.5	108.8
120	125.0	117.3	130.3	137.6	146.2	147.8	149.8	146.3
144	143.3	147.4	152.0	151.0	150.3	127.8	129.7	117.0
168	105.3	101.6	110.5	91.8	92.9	98.3	94.8	87.7
192	81.8	79.1	76.7	75.5	74.5	74.2	74.1	74.2
216	74.5	72.9	71.4	70.5	69.7	71.2	72.9	72.3
240	71.9	71.6	71.4	74.1	77.2	80.4	83.9	86.2
264	88.8	94.2	78.6	82.6	70.2	69.2	68.3	63.3
288	62.3	59.9	60.8	59.6	58.6	57.6	56.7	55.8
312	55.0	54.6	54.3	52.9	51.6	52.2	52.8	51.5
336	48.8	52.0	53.8	53.5	53.4	53.9	54.7	56.2

SONIC SURVEYS

CUSTOMER : Eagle US 2, LLC
DATE : March 16, 2023
CAVERN :PPG No. 007B
OPERATION No. :5

WALL RANGES VS DEPTH

DEPTH	3050.0		TILT	-37		VOS	5971.13	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	56.9	57.1	57.3	56.2	55.2	54.3	53.6	54.0
24	54.6	54.4	54.2	57.7	63.1	61.6	60.3	62.7
48	68.3	71.6	79.2	80.7	82.4	83.5	84.8	85.3
72	85.9	88.8	92.0	91.8	91.7	87.3	83.5	87.6
96	86.3	81.1	82.9	81.4	80.0	84.5	89.8	95.7
120	102.6	111.3	121.8	124.8	128.2	130.0	132.0	130.9
144	129.9	128.6	119.3	115.9	112.9	115.5	109.6	96.8
168	86.7	86.6	86.6	89.2	87.6	86.4	81.5	77.4
192	73.8	72.4	71.2	69.4	67.9	68.7	69.6	67.7
216	65.9	66.8	67.9	68.0	68.2	68.9	69.8	69.4
240	69.1	69.6	70.3	71.3	72.5	76.6	81.5	81.4
264	81.5	84.9	75.9	78.5	70.4	67.4	64.8	62.9
288	61.3	60.7	60.2	59.4	58.7	57.5	56.3	55.2
312	54.2	52.8	51.5	51.8	52.2	51.6	51.0	50.0
336	48.7	51.0	52.4	51.9	51.4	52.8	54.4	55.6

DEPTH	3050.0		TILT	-40		VOS	5971.13	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	54.9	55.3	55.8	56.3	56.6	56.0	55.5	55.4
24	55.4	55.9	56.5	59.5	63.7	62.9	62.1	65.8
48	69.6	73.8	78.7	80.1	81.6	81.1	80.7	80.7
72	81.0	84.3	88.0	82.9	78.4	81.1	75.9	82.6
96	81.1	78.3	75.7	77.7	79.9	82.0	84.5	89.0
120	94.1	99.9	106.6	108.9	111.5	113.6	112.1	115.1
144	118.5	112.3	110.4	107.5	104.8	91.1	80.7	79.6
168	78.7	77.1	75.7	77.0	78.6	76.4	74.4	71.6
192	69.1	67.9	66.9	64.9	63.1	63.2	63.5	63.6
216	63.7	64.4	65.3	65.2	65.1	65.9	66.7	66.9
240	67.2	67.2	67.4	68.8	70.4	71.3	72.3	71.3
264	70.4	72.4	74.6	75.3	72.8	64.4	61.8	61.1
288	60.5	60.0	59.7	58.2	56.8	56.4	56.0	54.2
312	53.3	52.2	52.2	51.4	50.7	50.4	50.1	50.4
336	50.9	51.0	51.2	50.8	50.4	51.8	53.3	55.0

DEPTH	3050.0		TILT	-43		VOS	5971.13	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	54.2	55.2	56.2	56.5	57.0	56.8	56.8	57.4
24	55.8	56.9	58.7	61.6	65.0	64.4	63.9	67.1
48	70.7	73.1	75.9	77.1	78.6	79.1	79.9	80.7
72	81.8	82.4	83.1	78.7	74.7	75.2	75.7	74.7
96	73.9	74.7	75.5	78.0	80.7	82.5	84.5	87.5
120	83.9	84.4	85.1	85.2	85.5	91.3	88.2	92.5
144	97.5	78.7	74.5	81.4	73.0	70.4	68.2	72.7
168	72.6	76.4	74.9	74.7	74.6	71.6	69.0	68.4
192	68.0	66.2	64.7	62.8	61.1	60.9	60.8	60.4
216	60.0	60.6	61.3	62.1	63.1	62.8	62.7	62.7
240	62.7	62.8	63.1	63.2	63.4	64.5	65.8	67.1
264	68.7	70.0	71.5	72.3	73.1	66.4	60.8	60.4
288	60.0	59.2	58.4	57.5	56.6	54.9	53.3	52.7
312	52.2	51.9	51.0	50.6	50.1	50.0	49.6	49.7
336	49.8	50.0	50.4	50.2	50.1	50.8	51.7	52.9

SONIC SURVEYS

CUSTOMER : Eagle US 2, LLC
DATE : March 16, 2023
CAVERN :PPG No. 007B
OPERATION No. :5

WALL RANGES VS DEPTH

DEPTH	3050.0		TILT	-46		VOS	5971.13	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	53.0	54.2	55.5	56.0	56.5	56.5	56.6	56.8
24	57.0	57.6	58.4	61.3	64.5	65.5	66.6	68.7
48	71.1	73.0	75.2	75.6	76.2	77.2	78.4	79.3
72	80.3	79.5	78.7	76.0	73.6	73.2	72.8	73.1
96	73.5	74.2	75.1	75.2	75.4	78.9	82.9	81.9
120	81.0	80.4	79.9	79.9	80.0	79.2	78.6	76.5
144	74.6	74.6	74.7	73.1	71.7	71.2	70.7	70.9
168	71.2	71.4	71.7	71.5	71.4	69.4	67.5	66.4
192	65.5	64.4	63.4	61.8	60.3	59.8	59.4	58.3
216	57.3	58.3	59.4	59.0	58.7	59.2	59.7	58.8
240	58.1	57.6	57.3	58.8	60.5	61.2	61.9	64.5
264	67.4	68.8	70.4	70.4	70.6	65.3	60.8	60.5
288	60.3	58.9	57.6	56.9	55.3	55.0	53.8	53.2
312	52.8	52.4	52.0	50.7	49.6	49.3	49.1	49.3
336	49.6	49.6	49.6	49.6	49.6	50.1	50.6	51.7

DEPTH	3050.0		TILT	-49		VOS	5971.13	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	52.5	52.8	55.7	56.0	56.3	56.5	56.6	56.9
24	57.3	58.3	59.4	60.1	61.0	63.2	65.6	68.0
48	70.6	72.1	73.8	74.0	74.3	75.9	77.8	77.7
72	77.8	74.9	72.3	72.0	71.7	69.8	68.2	68.2
96	68.3	69.8	71.4	72.9	74.6	75.7	77.0	76.6
120	76.3	76.3	76.3	75.3	74.4	73.5	72.7	72.4
144	72.3	71.9	71.5	70.5	69.6	69.9	70.3	70.4
168	70.6	70.3	70.1	69.1	68.2	67.6	67.2	66.1
192	65.1	63.4	61.8	61.4	61.1	59.8	58.6	57.7
216	57.0	57.3	57.8	57.9	58.1	57.6	57.1	57.6
240	58.1	58.1	58.2	58.8	59.4	59.7	60.0	62.8
264	65.9	67.0	68.2	67.6	67.2	61.7	57.1	58.7
288	60.5	58.8	57.3	56.2	55.2	54.4	53.6	53.0
312	52.5	51.9	51.4	50.5	49.8	49.4	49.1	49.0
336	49.0	48.9	49.0	48.9	49.0	49.5	50.1	51.2

DEPTH	3050.0		TILT	-52		VOS	5971.13	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	50.7	52.6	55.2	55.6	56.0	56.3	56.6	56.5
24	56.5	58.0	59.7	60.1	60.6	62.7	65.0	66.1
48	67.4	69.5	71.9	72.4	73.1	73.4	73.8	74.4
72	75.1	66.2	63.2	63.0	62.8	62.8	62.8	63.3
96	64.0	67.7	68.2	69.8	71.5	71.9	72.3	72.8
120	73.5	72.8	72.3	70.7	69.3	69.8	70.4	70.6
144	70.9	70.3	69.8	69.5	69.3	69.0	68.8	68.0
168	67.4	67.5	67.7	65.8	64.2	62.4	60.8	61.0
192	61.3	60.7	60.2	60.1	60.0	59.1	58.2	56.7
216	55.4	56.2	57.1	57.0	57.0	57.0	57.1	57.1
240	57.1	57.2	57.3	58.0	58.7	59.6	60.5	62.2
264	64.2	64.8	65.6	65.0	64.5	59.6	55.4	59.7
288	59.7	60.3	56.5	55.7	55.0	54.2	53.4	52.5
312	51.7	51.6	51.5	50.0	49.5	49.2	48.9	48.8
336	48.8	48.7	48.6	48.6	49.1	48.9	48.6	50.3

SONIC SURVEYS

CUSTOMER : Eagle US 2, LLC
DATE : March 16, 2023
CAVERN :PPG No. 007B
OPERATION No. :5

WALL RANGES VS DEPTH

DEPTH	3050.0		TILT	-55		VOS	5971.13	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	50.9	52.8	54.9	55.3	55.7	56.2	56.8	57.2
24	57.6	58.5	59.5	60.1	60.6	62.3	64.0	65.2
48	66.4	67.8	69.3	69.7	70.3	69.6	69.0	64.8
72	61.1	61.1	61.1	61.0	61.0	60.9	61.0	61.2
96	61.5	61.2	61.0	62.3	63.9	66.0	68.3	68.8
120	69.3	69.5	69.8	69.5	69.3	69.7	70.1	69.4
144	68.8	68.4	68.0	68.1	68.3	67.7	67.2	66.4
168	65.6	64.0	62.6	61.6	60.8	60.1	59.5	58.8
192	58.1	58.9	59.7	59.0	58.4	58.2	58.1	56.6
216	55.2	56.0	56.8	56.6	56.5	56.5	56.5	56.6
240	56.8	56.9	57.1	57.6	58.1	58.5	59.0	58.8
264	58.6	59.2	59.8	61.4	63.0	60.7	58.7	58.0
288	60.4	58.5	56.7	61.8	61.2	57.3	53.9	53.0
312	52.2	51.8	51.5	50.6	49.8	49.3	49.0	48.9
336	49.0	48.8	48.4	48.4	48.5	48.6	48.8	49.6

DEPTH	3050.0		TILT	-58		VOS	5971.13	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	49.9	51.2	52.5	53.6	54.9	55.4	56.0	57.1
24	58.2	59.1	60.0	60.3	60.6	61.6	62.6	63.0
48	63.5	63.5	63.5	63.6	63.7	64.2	64.8	61.9
72	59.4	59.0	58.7	56.9	55.2	55.0	54.9	57.2
96	59.7	59.7	59.7	60.1	60.5	62.2	64.0	64.7
120	65.5	65.7	65.9	66.2	66.6	66.9	67.4	67.3
144	67.2	66.0	65.0	62.9	61.0	60.9	60.8	60.4
168	60.0	60.1	60.2	59.3	58.4	56.7	55.0	54.7
192	54.4	55.8	57.3	57.6	57.9	57.4	57.0	56.6
216	56.3	56.4	56.5	56.2	56.0	56.0	56.0	56.1
240	56.2	56.3	56.5	56.6	56.8	57.1	57.4	57.3
264	57.3	56.9	56.5	57.1	57.8	57.3	56.8	57.3
288	57.9	56.8	55.7	55.9	56.2	55.3	54.4	53.7
312	53.1	52.0	51.0	50.5	50.1	49.9	49.8	49.3
336	49.0	48.8	48.6	48.8	49.0	49.1	49.3	49.6

DEPTH	3050.0		TILT	-61		VOS	5971.13	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	50.4	51.0	51.7	53.4	55.4	55.5	55.7	55.3
24	54.9	56.8	58.9	59.3	59.8	60.1	60.5	60.1
48	59.8	59.8	59.7	59.6	59.5	60.4	61.3	59.6
72	58.1	57.0	56.0	55.2	54.4	54.1	53.8	53.2
96	52.6	52.5	52.3	53.1	53.9	53.6	53.3	57.3
120	61.9	62.5	63.1	62.5	61.9	62.0	62.1	62.6
144	63.2	62.6	62.1	60.5	59.0	59.2	59.4	58.9
168	58.6	58.3	58.1	55.7	53.4	53.5	53.6	53.4
192	53.3	54.6	56.0	56.2	56.3	56.1	55.8	55.8
216	55.8	55.4	55.0	55.2	55.4	55.3	55.2	55.0
240	54.9	54.9	54.9	54.0	53.1	53.4	53.6	53.8
264	54.1	54.0	53.9	54.5	55.2	55.1	55.0	55.5
288	56.0	56.1	56.2	57.5	58.9	59.0	59.0	59.2
312	59.4	55.0	51.2	51.0	50.7	50.6	50.4	50.1
336	49.8	49.5	49.3	49.3	49.3	49.7	50.2	50.3

SONIC SURVEYS

CUSTOMER : Eagle US 2, LLC
DATE : March 16, 2023

CAVERN :PPG No. 007B
OPERATION No. :5

WALL RANGES VS DEPTH

DEPTH	3050.0		TILT	-64		VOS	5971.13	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	60.3	54.0	54.0	58.0	57.1	57.3	57.4	56.9
24	56.3	57.1	57.9	56.5	58.5	56.8	58.6	58.6
48	58.7	58.4	58.1	57.7	57.3	57.6	57.9	57.5
72	57.1	56.2	55.4	54.5	53.8	53.4	53.0	52.4
96	51.8	51.3	50.7	49.7	48.6	48.9	49.1	49.8
120	50.6	51.0	51.5	51.8	52.0	54.5	57.3	57.0
144	56.8	57.3	57.9	56.9	56.0	56.5	57.0	55.9
168	54.9	55.5	56.2	54.9	53.8	52.7	51.7	51.4
192	51.2	52.2	53.3	54.4	55.5	55.2	54.9	54.5
216	54.1	53.8	53.6	53.4	53.1	53.0	53.0	53.1
240	53.3	52.9	52.5	51.2	49.9	50.3	50.7	51.7
264	52.6	52.2	51.7	51.6	51.5	52.1	52.6	53.3
288	53.9	53.9	53.9	54.3	54.7	56.0	57.4	54.5
312	58.1	54.8	52.2	52.3	52.4	50.5	50.7	50.6
336	50.6	50.3	50.1	50.6	51.0	51.0	50.9	55.2

DEPTH	3050.0		TILT	-67		VOS	5971.13	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	59.5	58.8	58.1	57.7	57.3	57.5	57.8	57.5
24	57.3	57.1	57.5	56.8	57.9	57.9	57.9	57.8
48	57.6	57.7	57.8	57.0	56.3	56.3	56.3	55.7
72	55.0	54.2	53.4	53.1	52.8	52.0	51.2	50.8
96	50.4	50.2	50.1	50.0	49.9	50.2	50.6	50.5
120	50.4	51.0	51.5	50.5	49.4	51.2	53.2	53.3
144	53.4	53.3	53.1	52.8	52.5	53.4	54.4	54.2
168	53.9	53.6	53.3	52.9	52.5	51.3	50.2	50.8
192	51.4	51.3	51.2	51.9	52.6	53.3	54.1	53.3
216	52.5	52.5	52.5	50.7	49.0	49.0	49.0	48.7
240	48.5	48.6	48.8	49.0	49.1	49.4	49.6	50.2
264	50.7	50.7	50.7	51.1	51.5	51.4	51.2	51.2
288	51.2	52.3	53.4	53.8	54.2	54.4	54.6	55.3
312	56.0	54.7	53.4	53.9	54.4	54.6	54.9	55.3
336	55.7	57.8	60.2	59.8	59.5	59.4	59.4	59.4

DEPTH	3050.0		TILT	-70		VOS	5971.13	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	55.7	55.4	55.2	55.0	54.9	54.8	54.7	56.0
24	57.3	57.3	57.3	57.2	57.1	56.9	56.6	56.6
48	56.6	56.2	55.8	55.3	54.7	54.6	54.6	54.6
72	54.6	53.5	52.5	52.5	52.5	52.0	51.5	50.9
96	50.2	50.2	50.1	49.9	49.8	49.8	49.9	49.8
120	49.8	49.8	49.9	50.6	51.2	50.4	49.6	49.5
144	49.4	49.5	49.6	49.4	49.1	49.1	49.1	49.8
168	50.6	50.6	50.6	50.3	50.1	50.2	50.2	50.2
192	50.2	50.5	50.7	51.4	52.0	52.2	52.5	52.2
216	51.8	50.4	49.1	49.0	48.8	48.6	48.3	48.2
240	48.2	48.6	49.0	48.7	48.5	48.9	49.3	49.4
264	49.4	50.0	50.6	51.4	52.3	52.2	52.2	52.3
288	52.5	53.1	53.8	53.1	52.5	52.7	53.0	53.5
312	54.1	54.9	55.8	56.2	56.6	56.9	57.1	57.0
336	56.8	57.0	57.3	58.1	58.9	57.5	56.2	55.9

SONIC SURVEYS

CUSTOMER : Eagle US 2, LLC
DATE : March 16, 2023
CAVERN :PPG No. 007B
OPERATION No. :5

WALL RANGES VS DEPTH

DEPTH	3050.0		TILT	-73		VOS	5971.13	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	55.7	55.5	55.4	55.4	55.5	55.8	56.0	56.6
24	57.3	57.3	57.3	56.5	55.7	55.7	55.7	55.6
48	55.5	55.0	54.4	54.3	54.2	54.0	53.8	53.8
72	53.8	53.3	52.8	52.7	52.6	52.1	51.5	51.4
96	51.4	51.1	50.9	50.6	50.2	50.2	50.2	49.8
120	49.4	49.0	48.6	48.6	48.6	48.6	48.6	48.7
144	48.8	48.8	48.8	48.8	48.8	48.6	48.3	49.4
168	50.6	50.2	49.9	50.5	51.0	51.0	51.0	51.0
192	51.0	51.0	51.0	50.6	50.2	50.4	50.6	49.8
216	49.1	48.5	47.8	47.8	47.8	47.8	47.8	48.0
240	48.2	48.2	48.2	48.2	48.3	48.6	48.8	48.8
264	48.8	49.0	49.1	49.2	49.3	50.5	51.7	51.7
288	51.7	51.8	51.8	53.2	54.6	54.6	54.6	52.4
312	52.5	56.5	56.5	57.0	57.4	57.4	57.4	57.6
336	57.8	58.4	59.0	58.1	57.3	56.6	55.8	55.8

DEPTH	3050.0		TILT	-76		VOS	5971.13	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	57.6	57.6	57.6	57.0	56.5	56.5	56.5	56.4
24	56.3	56.2	56.0	55.8	55.5	55.2	54.9	54.8
48	54.7	54.7	54.7	54.6	54.4	54.2	54.1	53.8
72	53.4	53.1	52.8	52.8	52.8	52.1	51.4	51.4
96	51.4	51.1	50.9	50.9	50.9	50.9	50.9	49.7
120	48.5	49.3	50.2	50.2	50.2	50.2	50.2	50.2
144	50.2	50.2	50.2	50.2	50.1	50.1	50.1	50.2
168	50.4	50.6	50.9	50.9	50.9	50.4	49.9	49.9
192	49.9	49.8	49.8	49.7	49.6	49.5	49.4	49.1
216	48.8	48.2	47.7	47.7	47.7	47.8	47.8	47.8
240	47.7	47.8	48.0	48.1	48.2	48.3	48.5	48.7
264	49.0	48.9	48.8	48.9	49.0	49.9	50.9	50.9
288	50.9	51.0	51.2	49.5	52.2	52.0	51.8	51.4
312	51.1	55.4	55.6	-1e+06	56.1	56.1	56.1	56.3
336	56.5	57.0	57.5	-1e+06	-1e+06	57.5	57.3	57.4

DEPTH	3050.0		TILT	-79		VOS	5971.13	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	55.4	55.5	55.7	55.7	55.7	55.5	55.4	55.4
24	55.4	54.7	54.1	54.2	54.2	54.2	54.2	54.2
48	54.2	54.2	54.2	54.2	54.2	53.9	53.6	53.3
72	53.0	53.0	53.0	52.5	52.0	51.8	51.7	51.6
96	51.5	51.3	51.0	51.0	51.0	51.0	51.0	49.8
120	48.6	49.0	49.3	49.8	50.4	50.5	50.6	50.6
144	50.6	50.5	50.4	50.2	50.1	50.0	49.9	49.9
168	49.9	49.9	49.9	49.7	49.4	49.2	49.0	49.0
192	49.1	49.1	49.1	48.6	48.2	48.2	48.2	48.1
216	48.0	47.8	47.7	47.7	47.7	47.8	47.8	47.7
240	47.5	48.0	48.5	48.3	48.2	48.2	48.2	48.7
264	49.3	49.3	49.3	49.4	49.4	49.6	49.8	50.2
288	50.6	50.6	50.6	51.2	51.1	51.1	51.0	51.2
312	51.5	53.5	54.9	54.9	54.9	54.9	54.9	55.1
336	55.4	55.8	56.2	56.2	56.2	55.8	55.4	55.4

SONIC SURVEYS

CUSTOMER : Eagle US 2, LLC
DATE : March 16, 2023
CAVERN :PPG No. 007B
OPERATION No. :5

WALL RANGES VS DEPTH

DEPTH	3050.0		TILT	-82		VOS	5971.13	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	53.6	53.4	53.3	53.7	54.1	54.1	54.1	53.8
24	53.6	53.6	53.6	53.5	53.4	53.4	53.3	53.3
48	53.3	53.3	53.3	53.3	53.3	53.3	53.3	52.9
72	52.5	52.5	52.5	52.1	51.7	51.6	51.5	51.5
96	51.5	51.5	51.5	51.4	51.4	51.4	51.4	51.2
120	51.0	51.0	50.9	50.5	50.1	49.6	49.1	49.1
144	49.1	49.3	49.4	49.3	49.1	49.1	49.1	49.1
168	49.1	48.9	48.6	48.6	48.6	48.6	48.6	48.6
192	48.6	48.6	48.6	48.6	48.5	48.5	48.5	48.5
216	48.5	48.5	48.5	48.2	48.0	48.2	48.5	48.5
240	48.5	48.8	49.1	49.1	49.1	49.1	49.1	49.1
264	49.1	49.4	49.6	49.8	50.1	50.1	50.1	50.1
288	50.1	50.1	50.1	50.2	50.2	50.2	50.2	51.1
312	52.0	51.9	51.8	52.9	54.1	52.9	51.8	51.9
336	52.0	52.8	53.6	53.6	53.6	53.6	53.6	53.6

DEPTH	3050.0		TILT	-85		VOS	5971.13	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	51.0	51.0	51.0	51.0	51.0	51.8	52.5	52.5
24	52.5	52.5	52.5	52.5	52.5	52.1	51.7	51.7
48	51.7	51.7	51.7	51.7	51.7	51.8	51.8	51.4
72	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9
96	50.9	50.9	50.9	50.8	50.7	50.8	50.9	50.9
120	50.9	50.9	50.9	50.4	49.9	49.9	49.9	49.9
144	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9
168	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9
192	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.8
216	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6
240	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.7
264	49.8	50.2	50.6	50.6	50.6	50.6	50.6	50.6
288	50.6	50.6	50.6	50.6	50.6	50.8	51.0	51.0
312	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0
336	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0

DEPTH	3055.1		TILT	0		VOS	5971.13	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	66.2	63.9	61.9	59.1	56.6	52.6	49.2	48.0
24	46.8	52.6	61.6	58.1	55.2	60.4	65.6	61.7
48	57.0	61.2	65.2	69.9	73.8	78.7	82.6	224.1
72	229.1	236.0	239.1	238.7	242.6	246.7	251.7	256.2
96	261.6	262.5	264.1	268.6	274.0	276.1	279.0	282.9
120	287.8	291.6	296.3	302.4	309.7	311.2	313.6	310.9
144	309.0	304.8	301.6	296.9	293.1	291.8	291.3	294.1
168	297.7	296.9	297.0	298.5	300.9	301.9	303.7	306.1
192	309.4	315.0	321.7	319.5	318.2	313.6	310.1	309.5
216	309.7	247.2	206.1	194.5	184.5	185.2	186.3	198.0
240	211.8	208.8	206.5	207.8	209.7	197.3	223.4	186.8
264	154.5	124.9	105.0	103.7	111.0	95.5	85.4	80.5
288	77.1	75.2	79.6	77.2	74.3	67.6	62.3	59.7
312	56.3	59.2	62.6	63.4	64.4	59.8	55.9	59.6
336	64.0	58.2	51.5	54.7	58.4	54.7	51.7	57.9

SONIC SURVEYS

CUSTOMER : Eagle US 2, LLC
DATE : March 16, 2023
CAVERN :PPG No. 007B
OPERATION No. :5

WALL RANGES VS DEPTH

DEPTH	3060.0		TILT	0		VOS	5971.13	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	64.7	59.6	54.1	56.1	54.6	52.7	48.1	47.3
24	46.4	52.0	60.1	56.7	53.8	58.9	66.2	60.1
48	55.2	60.1	65.7	70.1	77.8	80.3	83.1	123.2
72	234.8	241.1	244.0	244.2	245.0	249.9	255.6	257.2
96	259.5	263.7	268.7	271.1	274.4	279.4	281.2	284.6
120	287.8	291.9	297.0	301.3	306.5	309.6	313.6	310.5
144	308.3	304.7	301.9	297.4	293.8	292.5	292.0	294.3
168	297.3	298.2	299.8	299.4	299.8	300.8	302.6	305.2
192	308.7	314.6	321.7	322.7	324.6	319.8	316.1	312.7
216	310.2	236.3	199.6	184.3	178.2	179.9	182.1	191.5
240	202.6	204.8	207.6	208.1	209.3	193.9	213.0	176.6
264	154.0	123.2	105.7	100.2	108.0	95.4	85.1	74.7
288	76.8	75.2	73.9	73.3	73.9	67.7	62.6	59.4
312	55.2	58.0	61.2	62.5	63.9	57.7	52.7	56.5
336	60.9	55.8	51.7	54.4	57.7	54.4	50.7	56.6

DEPTH	3065.1		TILT	0		VOS	5971.13	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	65.5	58.8	53.4	52.1	51.0	50.7	48.0	46.9
24	45.6	51.5	59.1	55.6	53.2	58.1	64.9	58.7
48	54.6	59.8	65.5	69.2	73.6	79.8	83.6	123.8
72	236.9	242.3	248.6	248.2	248.6	250.1	252.4	256.1
96	260.6	264.9	270.1	272.5	275.8	279.2	283.6	286.3
120	289.9	293.7	298.4	303.7	310.1	311.2	313.2	310.3
144	308.3	306.8	306.2	302.8	300.3	299.1	298.8	297.5
168	297.0	299.6	303.0	301.3	300.5	301.9	304.1	306.1
192	309.0	315.1	322.4	323.2	324.9	320.4	316.8	237.7
216	190.6	189.4	188.8	182.6	177.2	177.6	176.0	178.7
240	182.1	180.7	202.6	203.1	198.4	183.8	192.7	170.2
264	157.2	125.3	106.5	93.5	83.5	78.9	85.5	76.1
288	77.5	75.6	73.9	69.7	60.5	63.1	61.9	57.3
312	52.9	55.9	59.2	59.7	60.4	52.4	51.3	48.6
336	46.4	48.0	49.9	53.0	56.6	53.0	49.9	56.5

DEPTH	3070.0		TILT	0		VOS	5971.13	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	63.3	58.3	54.1	50.2	47.8	48.1	48.2	46.7
24	45.7	50.8	58.4	54.9	52.1	57.9	64.4	58.9
48	54.5	59.4	64.4	69.0	74.6	79.5	85.2	122.9
72	239.0	240.8	243.3	246.7	251.0	253.8	257.4	259.7
96	262.7	267.2	272.6	275.7	279.7	281.7	284.6	288.2
120	292.7	293.5	301.6	305.5	310.4	311.9	314.3	312.5
144	311.5	308.2	305.8	302.6	300.2	299.8	300.2	300.8
168	302.3	305.5	309.7	308.8	308.7	310.5	303.8	317.5
192	307.6	318.4	326.7	325.3	324.9	322.0	320.0	231.2
216	183.7	181.1	181.4	178.1	175.4	174.6	174.3	177.0
240	180.3	176.4	181.8	180.9	180.6	181.7	181.4	167.9
264	156.7	126.1	101.7	90.0	83.5	78.3	87.0	75.4
288	77.1	74.6	73.6	64.6	61.0	59.4	61.2	56.6
312	51.8	50.8	56.7	47.5	46.4	48.8	51.0	47.2
336	45.3	47.4	48.5	50.7	53.1	51.0	48.4	52.8

SONIC SURVEYS

CUSTOMER : Eagle US 2, LLC
DATE : March 16, 2023
CAVERN :PPG No. 007B
OPERATION No. :5

WALL RANGES VS DEPTH

DEPTH	3075.0		TILT	0		VOS	5971.13	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	54.8	53.9	53.1	49.8	47.1	45.9	44.9	45.6
24	44.9	50.5	45.4	53.8	51.8	56.0	49.1	58.3
48	53.7	58.7	64.4	67.6	71.5	78.1	85.2	102.2
72	239.2	241.1	248.6	250.1	252.4	254.9	258.1	260.2
96	263.1	267.4	272.6	276.2	280.7	283.1	286.4	288.3
120	291.0	296.1	302.3	305.4	309.4	311.9	315.4	312.4
144	310.4	308.2	306.9	303.1	300.2	299.1	298.8	300.6
168	303.4	306.1	309.7	308.2	307.6	309.8	312.9	316.8
192	321.7	323.6	326.3	324.8	324.2	321.8	320.3	229.0
216	178.6	177.1	176.1	170.4	165.5	167.2	151.7	164.3
240	159.5	159.9	169.5	158.9	140.2	163.6	157.1	155.4
264	158.4	117.9	87.7	85.8	80.7	75.8	72.4	73.3
288	74.3	72.7	69.7	62.2	57.8	57.7	55.9	52.7
312	51.7	50.3	49.2	46.1	43.5	46.1	49.2	44.9
336	42.2	44.8	47.9	49.1	50.6	48.6	47.3	50.0

DEPTH	3080.0		TILT	67		VOS	5971.13	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	267.4	265.9	266.0	265.8	265.2	264.2	262.5	261.7
24	260.9	260.5	262.2	261.5	261.4	261.1	260.2	259.9
48	259.7	260.2	260.8	260.2	259.7	260.0	257.3	257.8
72	258.5	262.1	262.8	259.1	262.5	255.1	256.6	257.9
96	259.3	259.2	259.4	259.7	260.4	260.5	264.6	264.4
120	265.2	265.8	266.6	265.8	265.2	265.8	266.5	264.9
144	263.4	263.9	264.5	262.6	261.0	261.9	265.0	263.0
168	262.8	261.9	261.1	260.8	260.3	260.3	260.4	259.6
192	258.9	258.5	258.2	258.2	258.7	259.8	260.9	261.2
216	261.5	260.5	259.4	260.2	256.2	256.7	262.8	262.2
240	261.6	261.9	262.2	262.7	263.3	264.2	265.3	264.9
264	264.6	265.0	265.5	266.2	267.0	267.4	267.8	267.9
288	268.1	268.4	268.9	269.6	270.5	270.9	271.3	270.2
312	269.3	269.1	269.1	269.3	269.6	268.9	268.2	267.6
336	267.1	268.6	268.4	267.4	268.0	267.5	267.1	267.2

DEPTH	3080.0		TILT	62		VOS	5971.13	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	278.1	276.6	276.8	276.6	275.4	275.5	275.0	273.6
24	276.8	273.8	275.6	274.9	274.4	273.6	272.9	273.6
48	274.5	274.3	274.3	273.9	273.6	274.0	274.6	274.2
72	273.9	273.0	272.1	272.0	272.5	272.2	272.5	272.7
96	271.5	271.8	272.3	270.6	276.2	276.8	277.6	270.1
120	271.8	271.6	271.6	271.3	271.3	271.7	272.3	273.3
144	274.1	274.4	274.8	273.3	272.2	273.0	274.0	273.3
168	272.8	272.5	272.4	272.4	272.5	272.3	272.1	273.8
192	273.5	272.0	270.8	274.2	275.7	275.3	275.0	276.5
216	278.0	276.9	274.6	273.0	277.5	277.5	277.6	277.8
240	278.1	278.7	279.4	279.8	280.4	280.7	281.3	280.3
264	279.5	279.8	280.2	280.8	281.5	281.3	281.1	281.8
288	282.6	282.0	281.5	281.2	281.2	281.4	281.9	281.6
312	281.4	281.7	282.1	281.1	280.2	281.1	282.0	281.6
336	281.2	281.8	281.0	279.8	280.1	279.9	279.9	278.6

SONIC SURVEYS

CUSTOMER : Eagle US 2, LLC
DATE : March 16, 2023
CAVERN :PPG No. 007B
OPERATION No. :5

WALL RANGES VS DEPTH

DEPTH	3080.0		TILT	57		VOS	5971.13	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	283.1	282.6	282.3	279.6	277.3	276.1	275.4	274.6
24	273.8	273.1	272.8	273.0	273.4	274.4	275.4	277.0
48	278.6	279.8	280.8	281.4	282.3	283.2	287.1	288.0
72	288.1	289.6	290.4	291.3	292.5	292.8	287.7	292.6
96	292.0	291.3	293.2	292.8	296.1	290.1	291.2	289.5
120	288.1	285.8	283.8	290.8	291.8	286.2	292.9	293.2
144	292.6	292.5	292.6	293.4	294.3	294.0	294.0	293.9
168	293.9	293.6	293.5	293.5	293.7	293.3	293.1	289.2
192	293.5	295.5	294.8	292.9	291.2	289.7	288.5	289.9
216	291.5	288.9	293.3	297.5	298.3	296.3	295.9	296.9
240	298.1	293.9	293.8	294.1	294.6	292.0	299.0	298.7
264	298.7	298.2	298.1	297.6	297.3	295.1	293.1	293.0
288	294.2	293.0	291.9	288.1	290.8	290.8	291.1	291.2
312	291.8	292.3	292.9	292.0	291.9	287.3	283.1	282.4
336	282.0	283.2	284.6	284.1	283.8	283.2	280.1	280.5

DEPTH	3080.0		TILT	52		VOS	5971.13	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	212.3	213.9	213.7	220.9	227.5	218.4	218.9	217.4
24	216.2	229.6	233.1	237.4	243.3	245.4	250.9	249.0
48	250.0	253.8	258.1	260.0	262.3	267.0	269.2	271.0
72	271.5	273.3	282.6	285.5	285.0	294.5	298.0	299.7
96	300.5	303.2	307.7	308.3	309.2	310.4	311.9	309.8
120	313.6	308.3	308.8	310.0	312.8	311.0	317.5	316.5
144	315.9	313.9	314.2	315.0	318.5	316.2	316.3	316.4
168	316.8	317.0	317.4	315.6	317.9	311.2	312.7	309.8
192	317.5	319.3	318.9	315.4	316.7	316.2	319.1	317.7
216	316.6	315.5	314.7	319.1	319.7	316.7	316.3	316.9
240	317.7	315.0	312.7	311.9	311.5	310.6	312.8	309.8
264	310.0	308.7	307.7	301.5	291.9	282.4	272.5	268.7
288	244.3	252.0	226.9	233.4	241.2	240.9	240.1	243.6
312	243.5	244.8	246.3	215.2	228.4	226.2	224.2	226.0
336	228.0	219.8	236.9	234.0	229.6	225.6	223.1	217.5

DEPTH	3080.0		TILT	47		VOS	5971.13	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	175.2	173.1	174.3	169.3	168.1	168.9	170.0	183.5
24	191.6	191.6	201.2	212.8	222.3	223.3	224.4	227.0
48	230.4	232.5	234.5	236.8	246.7	249.5	252.3	254.4
72	259.1	261.0	264.6	267.0	270.1	271.9	273.5	273.6
96	275.4	284.5	290.3	292.0	293.1	299.8	306.2	313.8
120	319.3	322.2	323.3	328.6	331.9	333.8	336.1	335.2
144	334.6	333.2	332.3	333.6	344.5	337.1	339.2	339.3
168	339.8	339.7	340.0	340.7	341.9	345.4	341.9	343.2
192	347.8	344.4	344.2	343.8	343.8	341.3	344.7	341.5
216	337.7	334.4	331.5	329.4	327.7	326.7	330.5	328.5
240	325.8	321.3	319.6	314.9	310.8	307.2	304.9	299.0
264	291.6	280.1	250.8	241.2	235.5	230.4	228.5	217.7
288	211.9	207.9	206.1	202.6	201.2	197.1	193.5	191.1
312	187.7	185.3	183.1	182.6	182.3	182.2	182.3	182.0
336	181.9	183.0	191.5	184.3	182.7	180.7	183.3	180.7

SONIC SURVEYS

CUSTOMER : Eagle US 2, LLC
DATE : March 16, 2023

CAVERN :PPG No. 007B
OPERATION No. :5

WALL RANGES VS DEPTH

DEPTH	3080.0		TILT	44		VOS	5971.13	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	171.2	168.2	167.3	166.1	165.0	165.3	165.8	165.7
24	165.8	187.9	184.3	200.9	210.9	211.0	210.8	211.6
48	216.6	221.7	227.8	226.1	231.5	237.4	239.7	240.4
72	241.7	243.7	246.0	249.0	253.4	257.2	260.5	260.2
96	260.3	263.9	265.8	267.9	270.4	273.6	275.9	276.8
120	278.2	282.0	285.2	316.8	324.1	324.5	324.1	321.9
144	320.4	327.6	325.3	332.6	340.8	333.0	331.1	335.3
168	339.0	339.7	340.8	341.9	343.1	341.9	341.1	340.1
192	339.6	340.1	341.1	341.7	340.3	338.0	327.5	324.2
216	320.6	313.1	308.5	311.0	312.1	312.8	316.1	313.0
240	310.4	308.6	310.9	304.4	297.5	291.6	290.1	282.8
264	280.4	260.9	244.2	235.7	228.1	221.2	215.0	213.1
288	211.6	207.3	203.5	201.6	200.0	195.4	192.8	189.5
312	188.1	184.6	184.3	182.2	180.4	179.9	179.6	179.9
336	180.4	178.5	176.9	174.5	173.6	173.3	173.3	172.1

DEPTH	3080.0		TILT	41		VOS	5971.13	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	168.1	167.5	167.0	166.6	166.4	165.8	165.6	167.5
24	168.8	176.2	180.6	191.5	201.3	200.6	200.2	204.0
48	206.3	210.7	215.9	219.4	224.4	227.7	230.6	229.5
72	228.6	229.4	230.8	234.4	238.4	242.8	247.1	245.1
96	239.2	243.4	248.1	255.3	257.7	257.7	258.2	257.5
120	257.3	260.5	269.8	269.7	278.8	279.6	280.8	289.7
144	297.0	299.4	303.0	309.7	326.4	311.0	298.8	301.3
168	322.3	321.8	321.8	322.4	327.6	322.9	322.3	314.1
192	307.0	304.0	296.9	302.2	303.2	303.7	305.2	289.6
216	286.1	287.6	289.7	295.1	303.8	303.5	303.7	302.4
240	298.1	296.2	295.7	285.2	278.4	276.8	276.0	274.6
264	275.8	256.0	239.2	231.5	224.6	218.1	212.3	211.4
288	210.8	206.1	201.9	199.6	197.7	194.4	191.6	189.1
312	186.9	185.2	182.9	181.4	180.3	178.5	176.9	176.2
336	173.1	172.8	172.7	172.0	171.6	170.3	169.3	168.5

DEPTH	3080.0		TILT	38		VOS	5971.13	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	168.9	167.6	167.5	166.0	165.0	164.3	163.9	163.7
24	163.9	166.9	170.4	181.5	191.2	192.5	194.2	197.1
48	200.1	204.2	203.9	205.6	210.9	214.8	218.7	217.8
72	217.3	217.9	218.9	221.2	223.8	229.5	235.4	232.4
96	229.7	236.2	242.8	243.5	244.7	243.9	243.5	245.0
120	246.7	245.0	238.1	230.6	246.1	252.2	266.5	270.0
144	273.9	279.7	284.9	289.7	295.4	289.6	285.8	286.9
168	289.2	289.8	290.8	293.7	297.0	293.1	289.6	284.8
192	286.5	282.6	280.8	279.6	278.7	271.7	268.1	270.5
216	273.5	278.0	282.2	287.8	294.5	294.5	297.7	290.7
240	286.5	283.4	281.0	274.4	269.3	267.9	266.9	263.1
264	261.2	246.7	235.4	229.9	225.0	218.5	212.7	210.5
288	209.4	206.7	206.2	202.9	200.0	195.3	191.0	190.0
312	186.6	185.2	184.3	179.3	178.5	176.0	173.9	173.1
336	172.7	172.2	171.9	171.8	171.9	170.4	169.3	168.9

SONIC SURVEYS

CUSTOMER : Eagle US 2, LLC
DATE : March 16, 2023
CAVERN :PPG No. 007B
OPERATION No. :5

WALL RANGES VS DEPTH

DEPTH	3080.0		TILT	35		VOS	5971.13	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	169.6	169.3	92.0	167.2	82.7	70.8	66.5	166.3
24	166.9	167.2	167.7	177.1	183.6	186.0	188.6	189.6
48	191.1	195.0	200.5	200.8	201.5	204.1	207.4	206.8
72	205.0	207.6	209.2	212.7	214.5	219.8	222.7	222.9
96	223.5	227.4	232.4	230.6	228.7	227.9	227.5	230.2
120	232.8	227.7	216.6	215.4	214.6	216.5	218.9	215.7
144	213.1	204.7	205.2	217.7	248.8	262.0	249.1	259.3
168	260.5	268.4	271.3	271.6	272.8	268.4	267.5	257.7
192	249.1	247.0	255.9	249.1	241.9	250.7	252.9	257.5
216	258.9	267.1	272.6	278.8	284.6	286.6	289.3	280.8
240	268.3	268.7	269.4	265.5	262.6	260.6	259.1	253.9
264	255.5	240.8	239.2	229.4	220.8	213.8	210.0	211.1
288	211.6	208.6	207.6	203.3	199.1	194.8	192.3	189.8
312	187.7	184.8	182.3	180.6	179.3	177.1	175.8	175.8
336	176.0	174.3	66.6	73.3	81.6	170.2	170.6	170.6

DEPTH	3080.0		TILT	32		VOS	5971.13	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	172.6	81.7	74.0	73.4	79.6	67.6	63.7	72.0
24	168.8	168.8	169.3	171.7	175.4	178.8	181.7	181.5
48	181.7	189.0	195.5	193.9	192.4	192.3	195.5	196.0
72	197.0	199.7	201.3	203.7	206.8	210.7	215.3	216.2
96	217.4	219.1	221.7	218.6	216.2	215.5	214.7	213.8
120	213.5	208.0	201.9	202.3	203.0	202.2	205.4	197.2
144	192.1	193.3	192.0	201.1	211.4	215.6	224.0	226.8
168	205.5	213.5	227.7	216.1	233.7	227.3	222.1	225.9
192	229.6	229.5	229.9	231.3	235.8	238.7	245.7	250.3
216	255.0	259.6	265.5	270.5	276.2	276.9	278.2	266.6
240	256.9	258.6	261.3	257.6	255.0	253.6	252.1	248.1
264	244.7	238.3	235.2	226.8	221.5	214.4	210.4	210.5
288	213.2	209.7	206.7	201.8	201.5	196.7	194.4	190.7
312	106.9	100.9	79.5	91.4	78.2	76.0	66.5	82.8
336	86.3	72.4	64.1	67.5	71.2	68.0	62.5	89.5

DEPTH	3080.0		TILT	29		VOS	5971.13	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	85.3	78.4	72.5	71.9	71.5	62.0	57.1	54.1
24	53.4	60.3	171.1	170.9	67.9	72.0	76.8	177.4
48	178.0	70.1	189.3	187.0	185.1	189.4	188.1	190.4
72	193.1	190.5	192.2	195.2	194.1	199.1	204.7	208.9
96	210.3	211.0	210.7	209.2	206.2	205.0	204.1	203.8
120	203.3	199.7	196.6	197.1	198.0	194.0	195.4	190.5
144	185.9	186.3	187.0	194.7	204.3	205.6	208.0	215.0
168	200.7	203.1	206.8	212.8	218.5	213.2	215.8	221.0
192	222.3	222.1	222.4	225.4	229.8	235.9	235.8	240.6
216	248.2	253.0	258.4	265.2	272.3	270.9	270.0	262.2
240	256.7	251.7	251.7	251.0	250.9	248.1	245.7	243.0
264	240.2	234.0	229.6	222.8	222.1	213.2	161.4	209.2
288	209.3	141.4	129.9	125.1	122.8	119.2	98.7	94.7
312	91.2	86.8	74.7	74.7	76.4	71.4	63.6	69.7
336	78.8	68.6	59.5	64.1	67.8	63.3	58.7	71.0

SONIC SURVEYS

CUSTOMER : Eagle US 2, LLC
DATE : March 16, 2023
CAVERN :PPG No. 007B
OPERATION No. :5

WALL RANGES VS DEPTH

DEPTH	3080.0		TILT	26		VOS	5971.13	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	83.1	75.3	70.1	69.6	69.1	59.7	55.3	53.5
24	51.9	77.9	69.0	75.9	61.9	68.4	75.0	69.0
48	64.0	68.4	73.6	185.6	184.1	186.4	189.2	188.6
72	188.5	188.4	188.8	190.0	191.6	195.1	200.5	201.5
96	205.8	206.0	206.7	203.1	202.6	200.2	198.4	194.7
120	195.9	194.4	193.7	193.0	192.0	190.7	187.9	181.3
144	177.2	177.6	182.6	187.7	195.9	196.4	198.7	202.4
168	195.1	197.3	195.5	198.4	201.9	209.9	210.4	210.7
192	211.4	214.0	216.4	219.7	225.6	230.1	233.0	237.4
216	242.6	246.4	251.0	256.1	262.0	266.3	268.0	259.1
240	249.4	246.9	245.1	244.3	244.0	241.9	240.7	235.8
264	234.8	231.4	189.9	222.8	174.7	155.2	151.1	124.4
288	87.9	90.1	99.4	104.2	102.6	97.7	70.5	78.8
312	87.3	77.4	70.6	70.3	70.0	65.7	60.1	67.9
336	72.2	63.8	57.3	61.5	63.7	60.9	57.4	68.5

DEPTH	3080.0		TILT	23		VOS	5971.13	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	81.3	73.0	67.0	65.2	60.7	56.5	53.4	51.4
24	50.4	57.0	67.2	61.6	58.1	66.8	70.4	67.1
48	89.8	66.6	70.8	77.2	85.1	188.3	190.1	189.1
72	189.9	190.5	191.6	192.3	193.4	194.1	199.4	200.7
96	202.4	201.3	200.7	197.9	196.6	196.4	196.6	195.8
120	195.5	192.4	189.9	189.3	189.2	185.7	182.8	179.5
144	176.8	173.5	175.8	183.0	189.7	188.2	195.4	192.6
168	190.8	195.8	195.6	196.5	198.1	199.1	200.5	201.7
192	202.3	206.2	210.7	217.5	222.7	227.5	232.9	237.1
216	242.2	246.8	252.3	257.6	263.4	262.0	261.2	253.4
240	247.0	243.7	240.7	238.5	236.5	234.4	232.9	232.1
264	231.9	185.7	171.9	133.2	118.3	115.5	93.7	87.8
288	82.8	84.9	87.4	87.1	95.1	85.9	67.9	65.7
312	61.1	64.9	68.2	68.6	68.5	64.9	59.6	65.7
336	69.1	62.7	56.3	58.6	63.3	59.4	55.2	63.0

DEPTH	3080.0		TILT	20		VOS	5971.13	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	69.8	63.8	57.6	60.5	58.0	54.8	50.4	50.1
24	48.5	55.0	63.7	59.9	57.2	62.5	70.0	65.1
48	58.8	64.6	69.6	74.3	77.8	86.1	189.9	190.4
72	190.9	191.4	192.4	192.1	192.4	194.0	196.2	197.4
96	199.1	201.1	201.2	201.2	201.9	203.7	206.5	204.1
120	202.3	204.1	206.5	205.4	204.7	202.9	201.5	195.2
144	189.7	184.5	180.0	180.5	181.4	187.1	190.1	187.5
168	185.6	186.2	190.2	192.1	194.5	197.2	199.4	200.8
192	202.5	205.8	208.3	214.5	217.1	223.4	228.8	233.7
216	238.6	243.0	247.3	252.7	257.1	257.5	258.4	251.0
240	247.5	242.9	239.0	235.9	233.4	230.8	228.8	206.6
264	231.7	164.4	155.1	127.5	116.0	101.6	90.5	86.0
288	81.5	83.6	86.0	84.6	83.5	72.0	66.3	63.0
312	58.7	61.9	65.1	66.3	67.7	61.9	55.7	60.6
336	67.4	59.4	54.4	57.9	61.4	57.8	53.7	60.5

SONIC SURVEYS

CUSTOMER : Eagle US 2, LLC
DATE : March 16, 2023
CAVERN :PPG No. 007B
OPERATION No. :5

WALL RANGES VS DEPTH

DEPTH	3080.0		TILT	17		VOS	5971.13	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	67.6	61.7	57.0	57.1	53.9	53.4	50.2	49.1
24	47.7	54.0	62.4	59.0	56.0	61.0	69.2	62.3
48	56.6	62.0	68.6	72.8	77.8	81.7	86.3	189.1
72	190.2	194.5	198.7	198.8	203.7	204.7	203.0	202.9
96	203.3	204.8	212.5	212.1	218.2	213.7	210.0	215.4
120	221.7	224.0	223.9	220.5	241.1	229.8	219.9	215.5
144	211.8	197.2	203.5	193.1	184.2	182.2	180.7	181.9
168	183.5	186.8	191.4	193.7	196.1	197.4	199.4	201.3
192	203.6	207.3	211.7	215.6	220.7	223.3	224.9	229.3
216	236.5	241.3	246.8	249.6	253.2	254.5	256.6	248.4
240	242.2	239.7	238.0	235.5	231.9	229.0	225.9	200.6
264	164.4	148.5	137.7	124.0	115.3	99.7	89.1	84.2
288	79.9	77.7	83.0	79.5	61.9	70.7	65.5	59.6
312	54.8	60.0	63.3	62.2	62.6	57.6	53.4	55.2
336	46.0	50.1	52.1	55.4	60.3	55.8	52.5	58.6

DEPTH	3080.0		TILT	14		VOS	5971.13	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	67.2	60.6	55.6	53.1	50.4	50.1	50.0	48.3
24	46.7	52.8	60.8	56.8	54.1	59.6	66.5	60.5
48	56.2	61.6	67.5	72.8	80.0	82.7	86.0	194.1
72	198.0	211.1	205.2	217.0	208.6	208.2	208.3	235.6
96	219.3	219.8	221.0	213.5	219.0	217.8	223.0	219.6
120	223.5	230.3	229.1	236.2	248.1	236.5	229.8	225.0
144	222.8	227.0	231.9	218.8	207.6	209.7	212.5	195.8
168	196.4	196.1	198.7	201.1	204.0	201.9	204.4	205.5
192	207.2	209.5	212.5	214.3	216.7	222.6	227.5	231.6
216	235.9	239.4	246.1	248.1	253.5	254.2	253.2	247.4
240	243.1	243.5	238.0	239.0	240.5	236.4	235.3	197.6
264	158.1	128.3	108.2	116.6	112.3	98.4	87.7	76.4
288	78.5	76.8	75.3	75.6	62.2	69.2	63.7	58.7
312	54.5	56.6	60.9	61.5	62.2	51.1	52.3	49.1
336	46.0	48.1	50.6	53.4	56.6	53.2	50.3	56.6

DEPTH	3080.0		TILT	11		VOS	5971.13	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	66.5	60.0	55.0	51.0	48.1	48.7	48.9	47.4
24	46.3	51.7	59.1	55.8	53.1	58.7	65.8	61.0
48	55.3	61.0	65.8	70.2	75.3	81.3	85.2	214.5
72	225.6	226.7	228.4	231.9	235.5	236.1	238.7	241.0
96	245.0	247.1	250.0	254.8	260.6	237.8	235.5	248.1
120	249.5	250.8	252.7	253.9	255.9	254.3	253.7	253.1
144	303.7	303.3	303.7	297.4	292.0	291.8	292.4	293.4
168	295.2	297.3	300.2	301.9	304.4	303.1	261.8	251.0
192	241.5	228.0	216.5	222.1	228.6	233.5	239.4	252.9
216	268.8	239.9	245.6	250.1	254.8	256.3	259.5	256.5
240	264.9	255.1	254.6	253.2	268.7	250.9	249.9	192.2
264	163.0	126.8	107.5	102.1	110.6	95.4	86.4	77.5
288	78.9	76.9	75.3	68.6	63.3	63.8	64.4	57.9
312	52.7	51.6	58.9	48.3	46.4	49.4	51.9	48.0
336	45.2	47.8	49.2	51.6	54.5	51.9	49.0	54.0

SONIC SURVEYS

CUSTOMER : Eagle US 2, LLC
DATE : March 16, 2023
CAVERN :PPG No. 007B
OPERATION No. :5

WALL RANGES VS DEPTH

DEPTH	3080.0		TILT	8		VOS	5971.13	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	61.6	57.1	54.1	50.5	47.7	47.0	47.4	46.4
24	45.8	51.4	58.4	54.3	52.2	56.8	51.2	58.7
48	54.1	58.9	64.7	69.9	76.1	80.3	85.2	124.1
72	229.5	231.2	234.5	235.6	237.2	240.4	244.1	246.5
96	249.4	250.3	252.1	256.3	261.6	267.6	273.8	276.8
120	280.5	288.6	297.3	301.2	305.6	310.1	317.6	314.1
144	313.6	308.2	303.7	297.9	295.6	294.5	294.7	294.8
168	295.9	298.2	301.4	300.5	305.1	303.1	308.1	309.3
192	308.3	314.8	322.4	316.6	311.8	306.8	302.6	300.1
216	298.4	290.8	290.7	232.7	212.6	197.5	199.2	214.0
240	282.5	281.3	280.9	275.6	275.2	267.4	269.6	188.5
264	154.5	125.5	107.5	93.3	83.5	78.7	87.3	76.0
288	77.5	75.4	74.3	63.7	59.8	60.4	61.2	56.6
312	51.8	51.8	51.0	46.7	46.0	47.5	50.1	46.4
336	42.8	45.8	48.6	50.6	52.4	50.0	47.8	51.4

DEPTH	3080.0		TILT	5		VOS	5971.13	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	54.1	53.9	53.2	49.3	46.4	45.4	44.6	44.5
24	44.6	44.9	45.3	53.9	52.0	56.1	48.8	58.5
48	53.8	59.0	64.6	68.1	72.6	78.2	85.7	102.5
72	235.5	240.9	243.6	243.6	245.2	249.6	255.3	256.9
96	261.7	263.9	269.1	270.3	275.1	277.6	280.2	284.0
120	288.9	292.6	297.2	303.7	310.1	310.9	314.5	311.9
144	310.4	304.4	299.5	295.7	294.1	293.0	292.6	295.1
168	298.4	298.7	298.3	299.6	302.8	303.4	304.9	307.5
192	311.0	315.5	322.4	320.1	318.9	312.4	307.7	307.1
216	307.4	239.3	192.1	184.2	178.1	178.8	176.8	179.7
240	183.2	182.4	206.3	207.7	208.6	187.5	210.4	170.9
264	158.4	126.4	92.7	88.3	82.4	77.0	72.5	73.1
288	73.9	73.7	71.9	62.5	58.0	58.3	55.9	52.5
312	51.7	50.5	46.0	44.1	42.5	43.6	49.2	44.3
336	41.4	44.6	47.9	48.9	50.3	48.5	47.4	50.1

DEPTH	3080.0		TILT	0		VOS	5971.13	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	49.4	49.9	50.6	46.3	44.9	45.1	45.3	44.0
24	44.3	44.4	44.6	52.0	50.3	54.2	49.3	55.8
48	53.1	58.4	64.7	67.6	71.0	76.8	83.6	102.4
72	125.2	135.1	147.1	250.0	252.5	255.6	259.2	261.1
96	263.8	268.6	274.4	276.3	279.0	283.3	288.5	290.4
120	293.1	296.9	301.6	305.2	309.7	311.7	314.7	311.9
144	310.1	307.7	306.2	304.7	304.1	301.1	299.1	301.3
168	304.4	306.3	309.0	307.5	306.9	309.3	312.5	316.8
192	322.1	323.7	326.3	324.6	323.9	321.3	319.6	230.8
216	181.0	167.9	157.0	159.7	163.0	154.8	147.8	148.0
240	148.6	136.3	126.3	126.8	127.7	132.7	138.6	151.1
264	154.7	106.6	78.5	78.8	77.7	74.6	71.2	69.3
288	67.3	63.9	59.3	53.8	51.3	49.6	48.1	47.2
312	46.4	46.3	46.4	43.4	42.5	42.5	42.1	40.2
336	38.6	41.5	44.9	44.5	44.2	45.0	46.0	47.7

SONIC SURVEYS

CUSTOMER : Eagle US 2, LLC
DATE : March 16, 2023
CAVERN :PPG No. 007B
OPERATION No. :5

WALL RANGES VS DEPTH

DEPTH	3084.9		TILT	0		VOS	5971.13	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	42.7	43.1	43.5	43.6	43.9	43.4	43.1	42.7
24	42.8	43.1	43.9	46.2	48.9	48.4	48.1	50.3
48	52.7	57.5	63.5	66.9	70.8	77.3	85.4	102.4
72	128.3	135.8	144.6	139.7	135.4	255.2	259.2	261.0
96	263.5	268.1	273.6	274.0	279.2	283.4	288.5	290.9
120	294.2	297.6	301.9	305.3	309.6	311.5	314.2	312.4
144	311.5	308.4	306.2	304.6	303.8	301.9	300.8	302.1
168	304.2	306.1	308.8	307.1	306.2	309.3	313.5	316.3
192	320.0	322.6	326.1	324.3	323.4	176.0	174.4	179.3
216	180.8	165.3	152.7	157.7	161.2	90.6	67.7	71.4
240	75.8	74.1	72.7	115.1	114.2	124.2	117.0	127.1
264	139.6	104.4	79.1	74.8	68.5	65.9	63.0	58.8
288	50.8	47.9	49.5	48.3	47.3	45.3	43.5	41.6
312	40.0	38.4	37.1	36.4	35.8	35.8	35.8	35.0
336	34.3	34.8	35.4	35.6	35.8	37.8	40.0	41.3

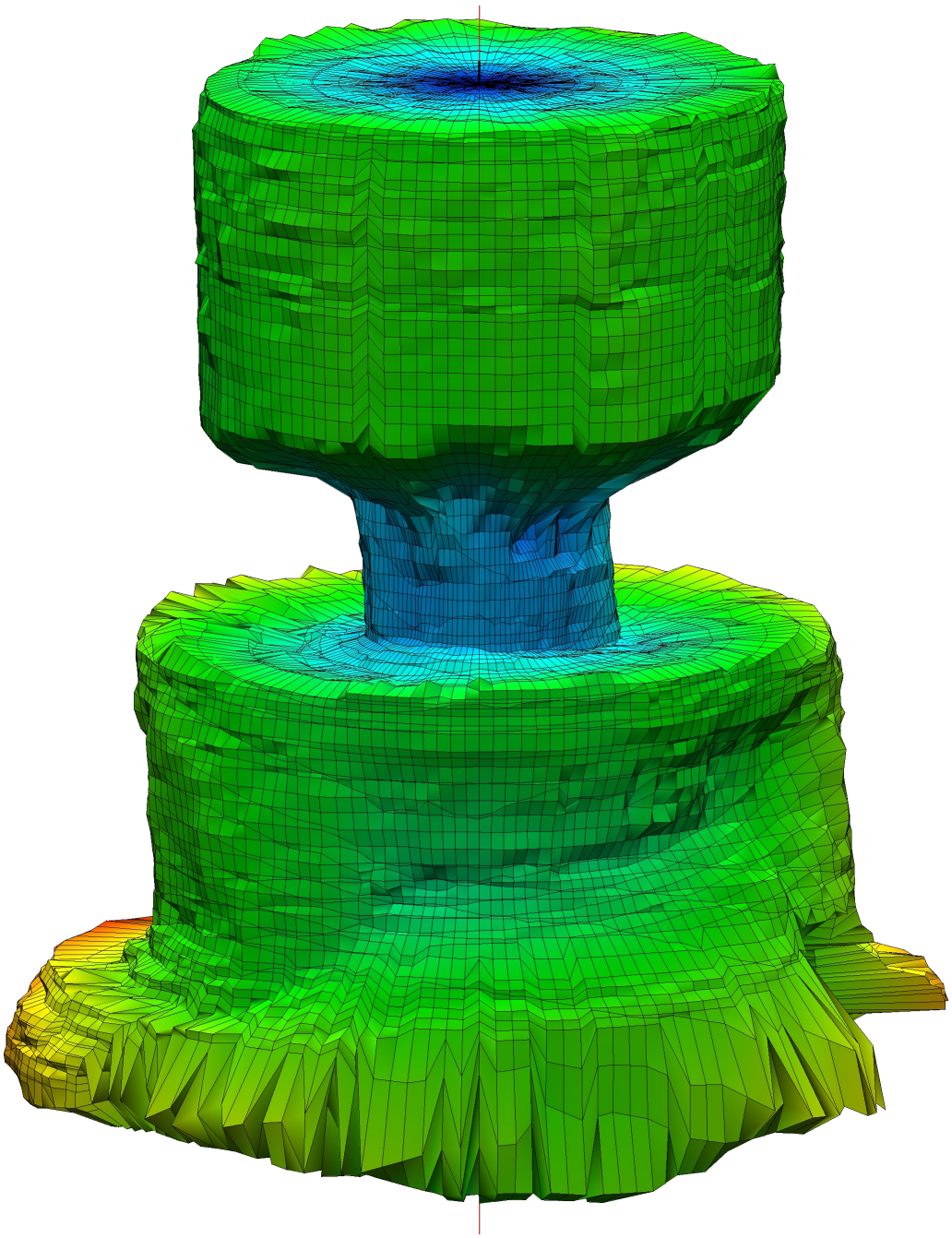
DEPTH	3090.0		TILT	0		VOS	5971.13	
Bearing	+ 0	+ 3	+ 6	+ 9	+ 12	+ 15	+ 18	+ 21
0	31.2	34.3	38.1	39.2	40.4	40.8	41.2	40.4
24	39.7	41.3	43.1	45.9	49.3	48.4	47.7	51.1
48	55.0	57.6	63.1	66.8	71.2	77.4	85.1	98.9
72	122.0	131.3	142.7	138.6	135.0	134.7	134.6	138.4
96	142.7	263.9	77.7	270.0	275.3	279.8	283.5	288.0
120	295.8	297.4	302.3	305.7	310.0	311.1	313.1	311.3
144	310.4	308.0	306.5	305.5	305.4	302.6	300.8	300.7
168	301.5	303.4	306.2	306.9	308.5	310.1	312.7	315.9
192	320.0	316.1	321.9	319.7	172.6	167.9	165.5	173.2
216	51.8	69.2	58.9	57.0	56.3	58.8	61.6	61.1
240	60.5	59.7	59.3	75.5	88.5	90.2	89.7	108.9
264	139.3	93.8	71.0	70.3	57.9	55.7	47.0	45.9
288	45.0	43.6	42.4	40.1	38.1	37.3	36.6	35.1
312	33.9	32.2	30.8	30.0	29.3	28.7	28.1	28.1
336	28.1	27.7	27.4	27.3	27.4	27.7	28.1	29.5

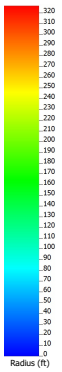
SONIC SURVEYS	CUSTOMER :Eagle US 2, LLC DATE :March 16, 2023	CAVERN :PPG No. 007B OPERATION No. :5

VIEW FROM NORTH

with an overhang of 10°

SCALE 1/100



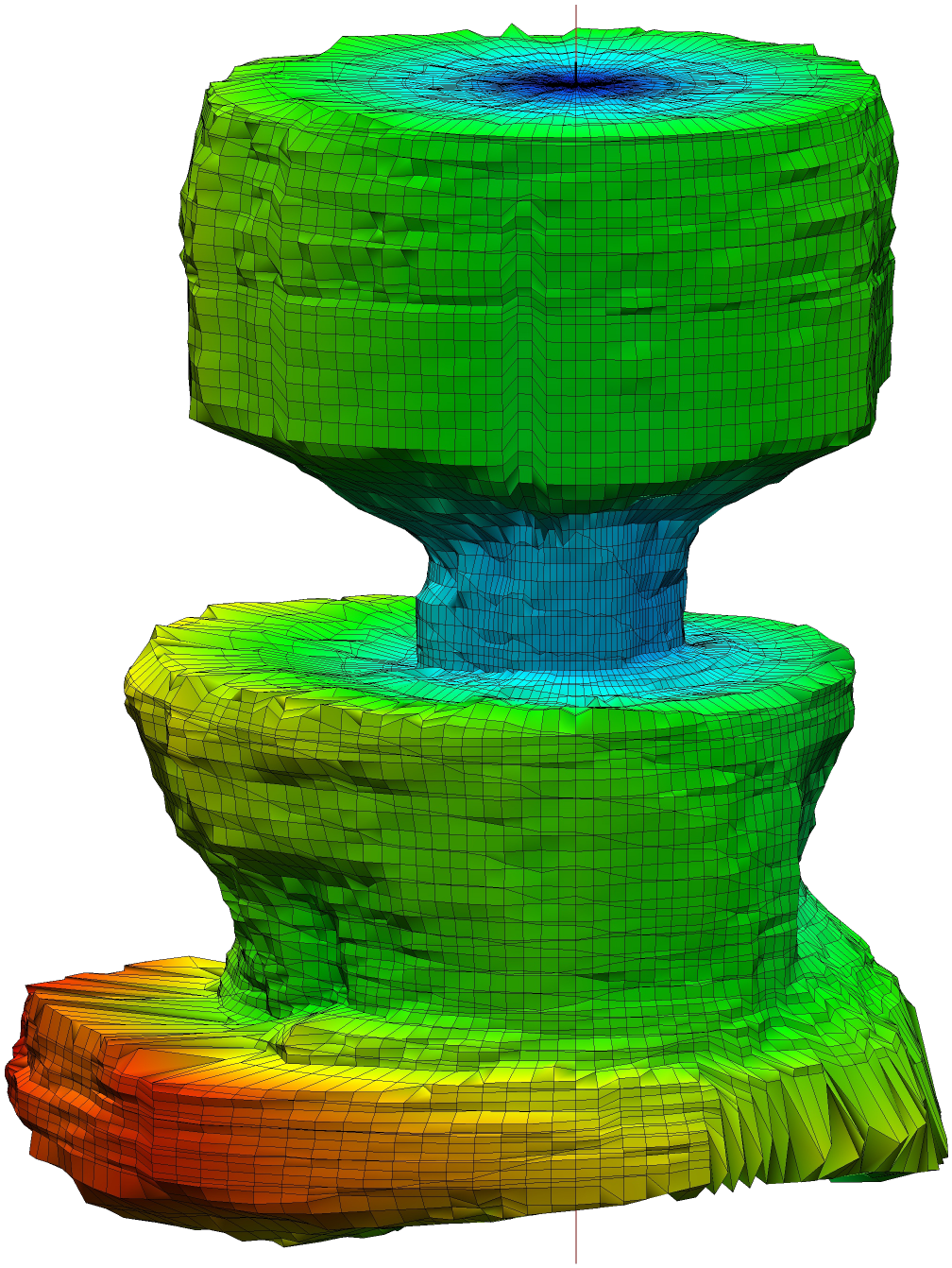


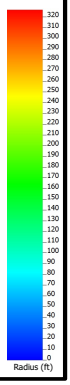
SONIC SURVEYS	CUSTOMER :Eagle US 2, LLC DATE :March 16, 2023	CAVERN :PPG No. 007B OPERATION No. :5

VIEW FROM EAST

with an overhang of 10°

SCALE 1/100



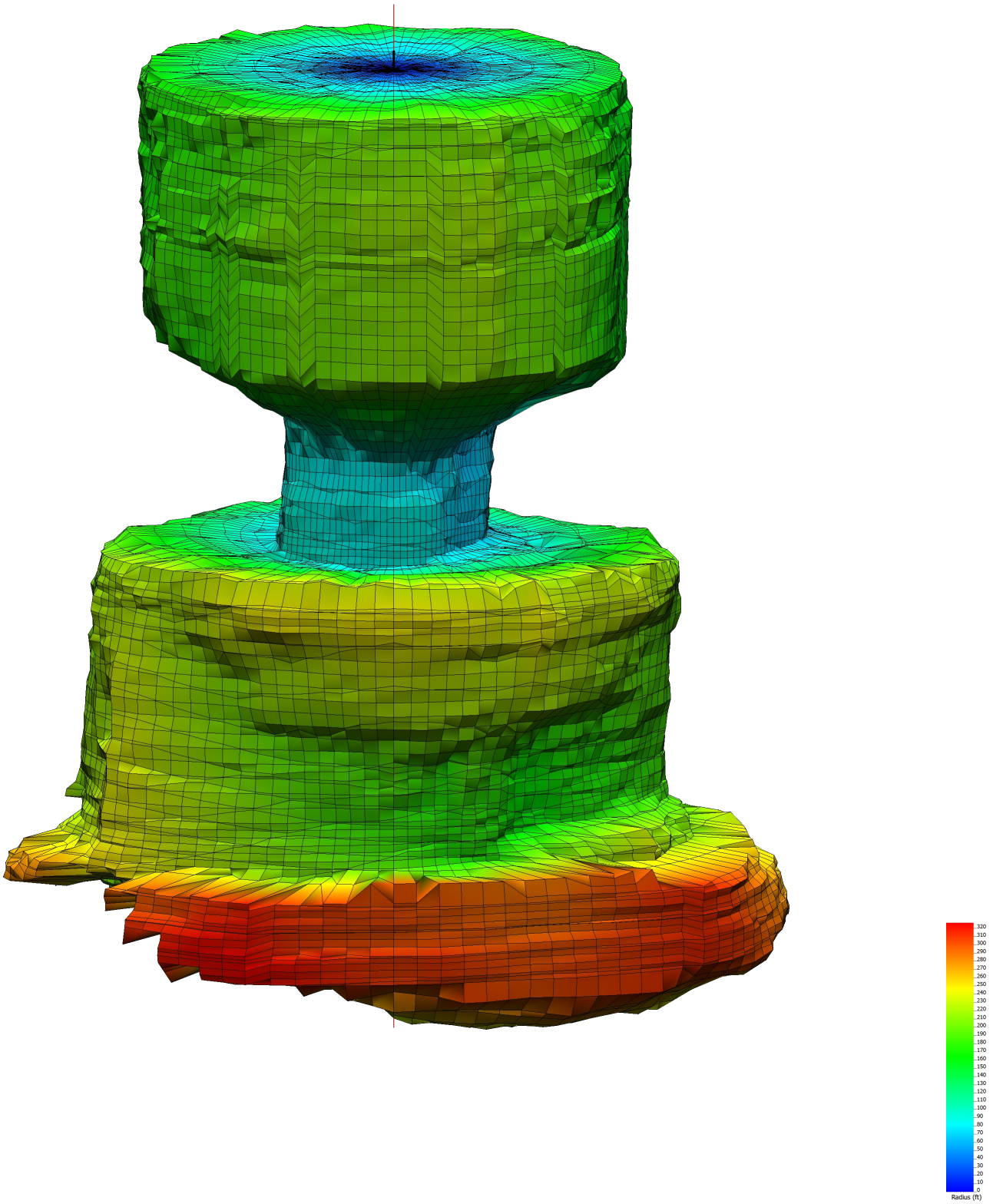


CUSTOMER :Eagle US 2, LLC	CAVERN :PPG No. 007B	
DATE :March 16, 2023	OPERATION No. :5	

VIEW FROM SOUTH

with an overhang of 10°

SCALE 1/100

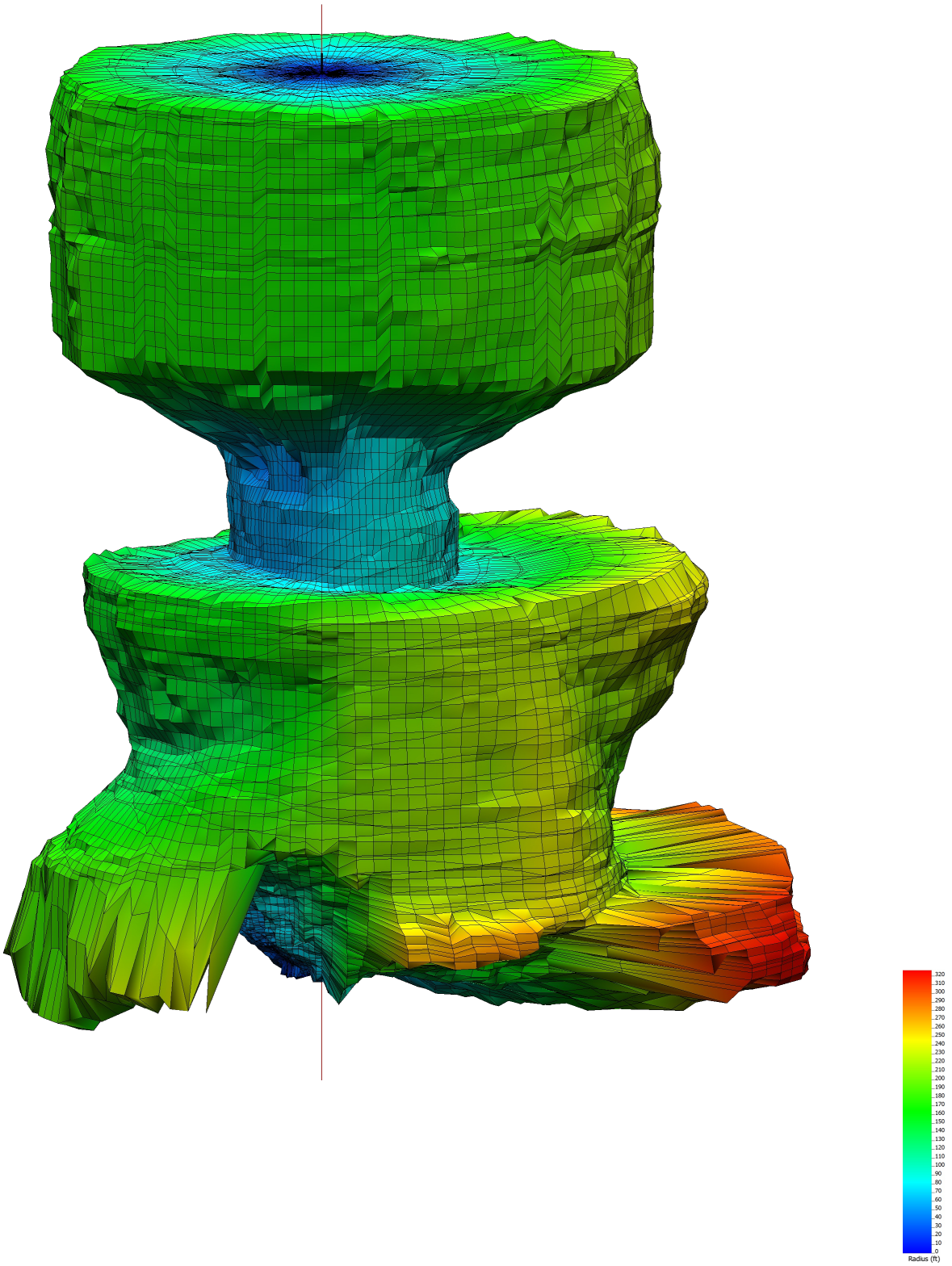


SONIC SURVEYS	CUSTOMER :Eagle US 2, LLC DATE :March 16, 2023	CAVERN :PPG No. 007B OPERATION No. :5

VIEW FROM WEST

with an overhang of 10°

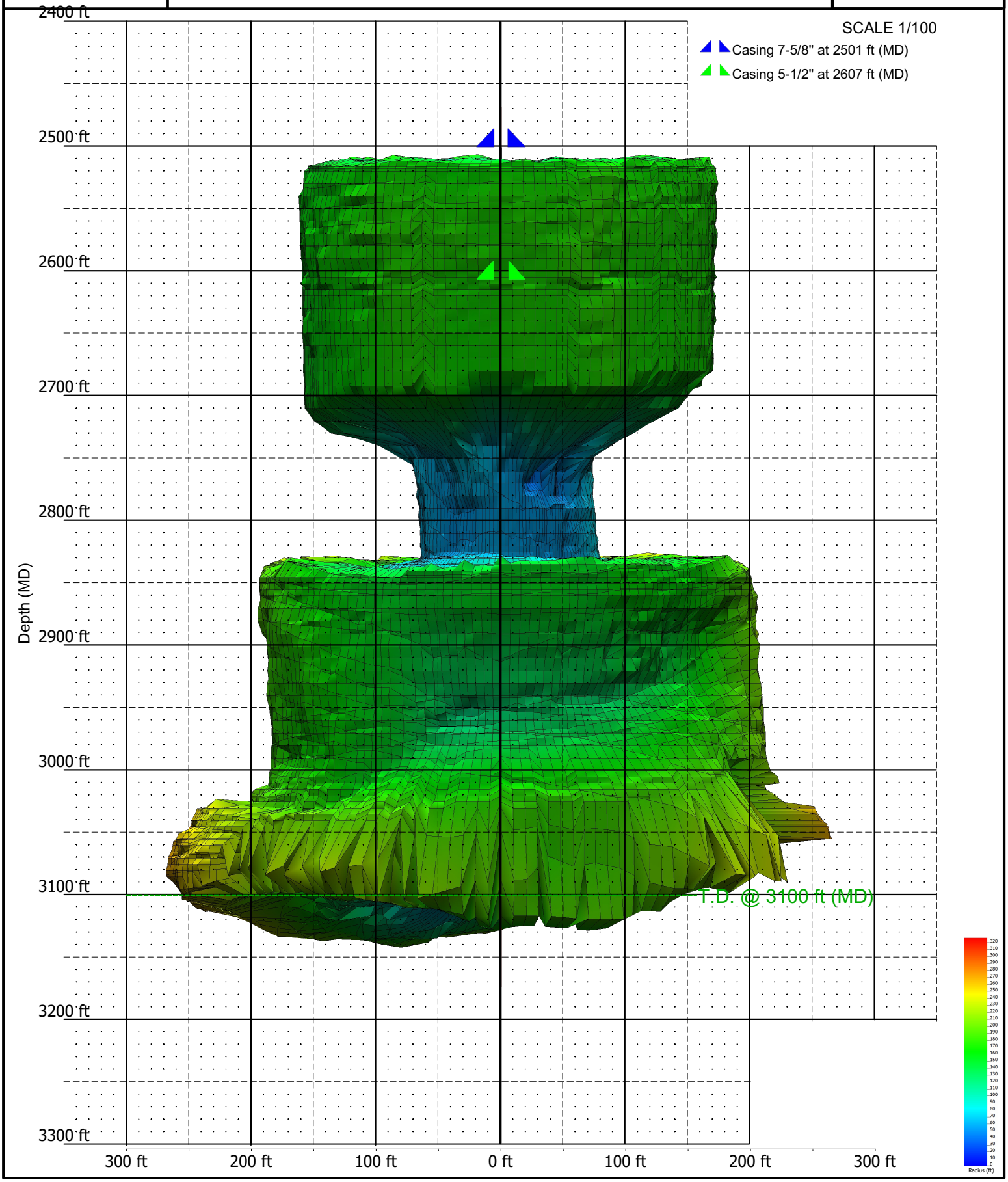
SCALE 1/100



CUSTOMER	: Eagle US 2, LLC	CAVERN	PPG No. 007B
DATE	: March 16, 2023	OPERATION No.	5

VIEW FROM NORTH

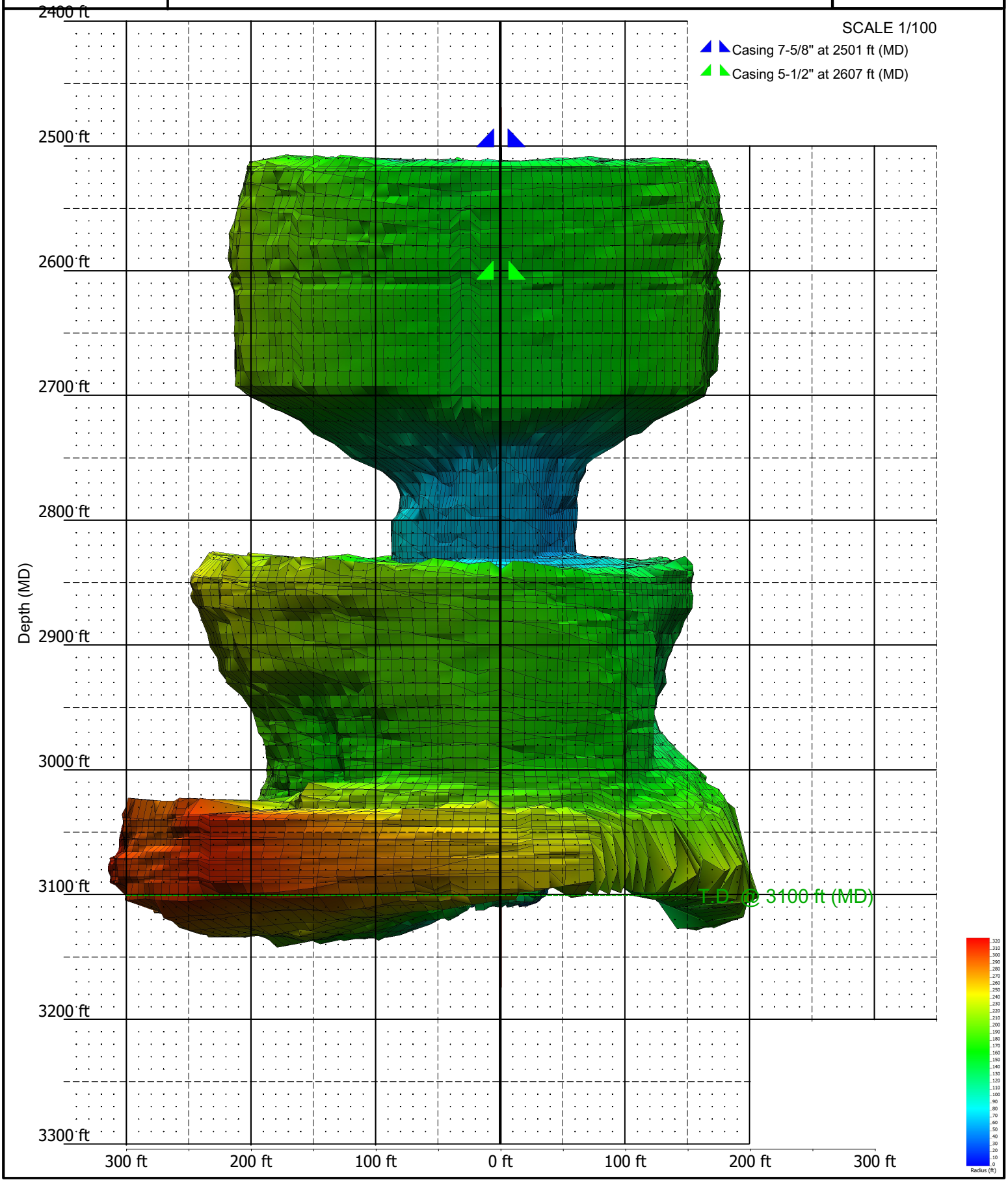
with an overhang of 0°



CUSTOMER	: Eagle US 2, LLC	CAVERN	PPG No. 007B
DATE	: March 16, 2023	OPERATION No.	5

VIEW FROM EAST

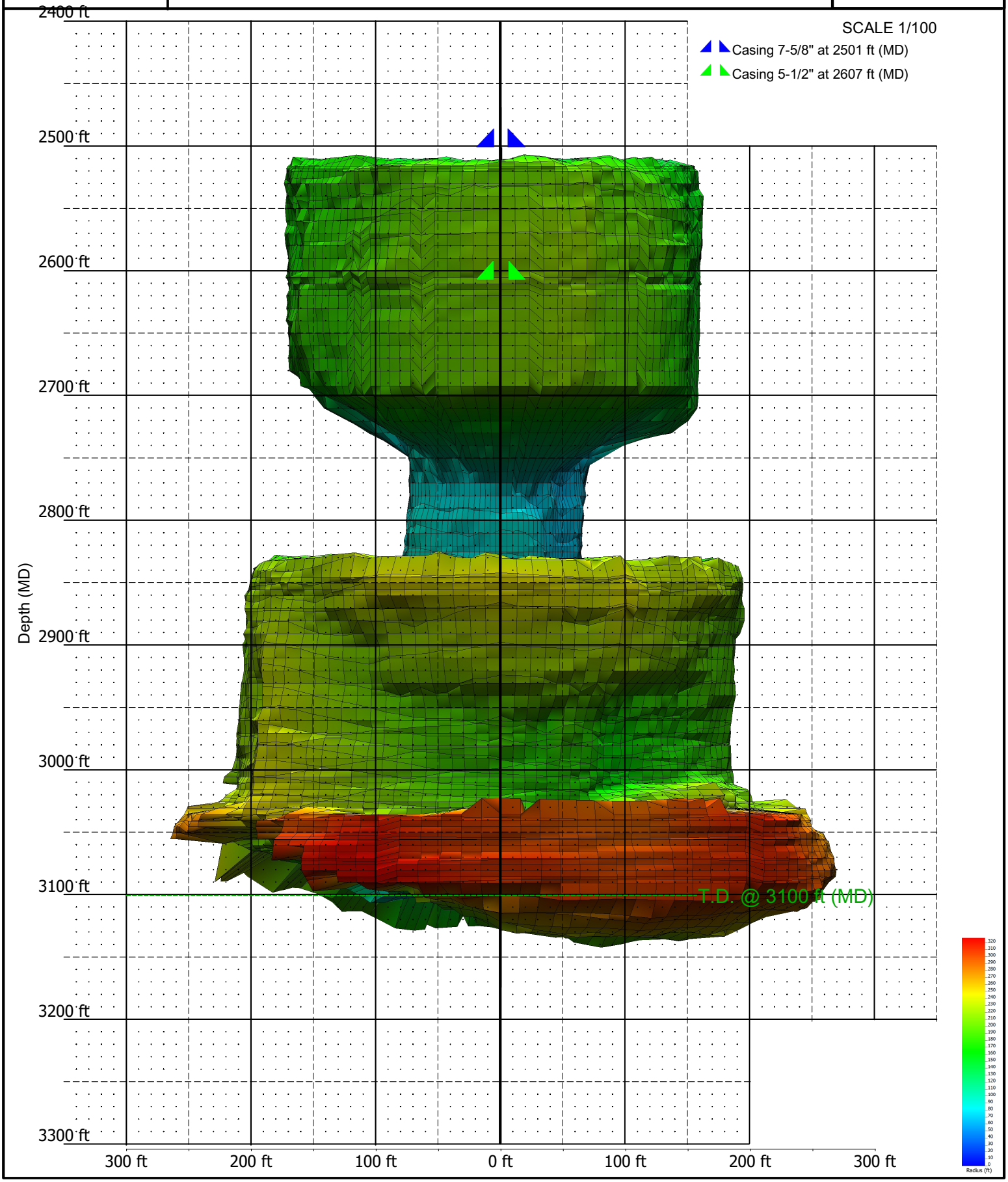
with an overhang of 0°



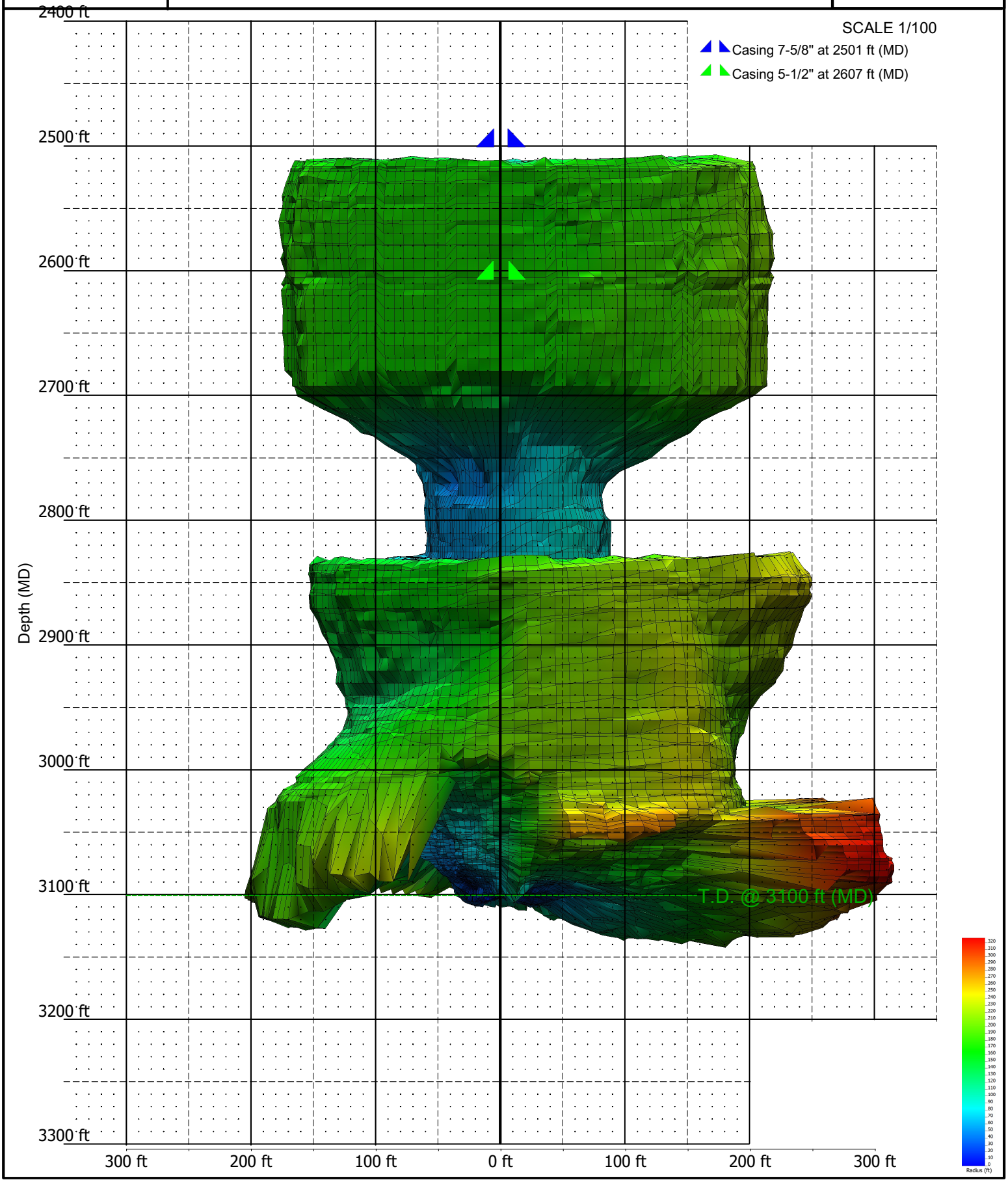
CUSTOMER	: Eagle US 2, LLC	CAVERN	PPG No. 007B
DATE	: March 16, 2023	OPERATION No.	5

VIEW FROM SOUTH

with an overhang of 0°



CUSTOMER	: Eagle US 2, LLC	CAVERN	PPG No. 007B
DATE	: March 16, 2023	OPERATION No.	5

VIEW FROM WEST

with an overhang of 0°