

Report Summary Data

Fracking Pit

Measured Potential Volume

Max fill to overflow: **18** ft
 Max fill to 2ft freeboard: **16** ft
 Volume at 2ft freeboard fill: **13,560** bbls

Berm Slope Reference Calculations

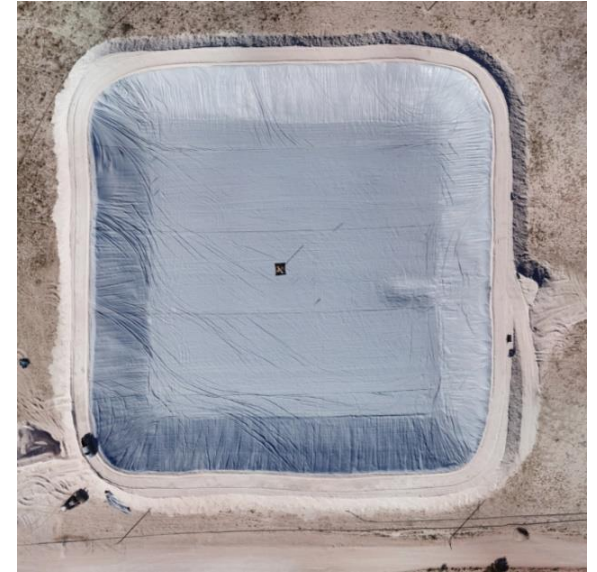
Northeast Berm Grade: **41.68%**
 Southwest Berm Grade: **37.79%**
 Southeast Berm Grade: **41.03%**
 Northwest Berm Grade: **43.65%**

Summary Notes

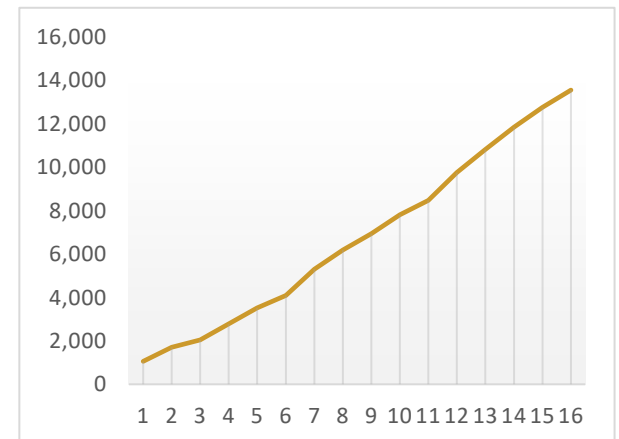
Summary Chart

Gauge	Depth	Volume
15	16	13,560
14	15	12,774
13	14	11,852
12	13	10,824
11	12	9,756
10	11	8,473
9	10	7,810
8	9	6,944
7	8	6,192
6	7	5,311
5	6	4,088
4	5	3,521
3	4	2,789
2	3	2,047
1	2	1,703
0	1	1,058

Pit at Time of Scan



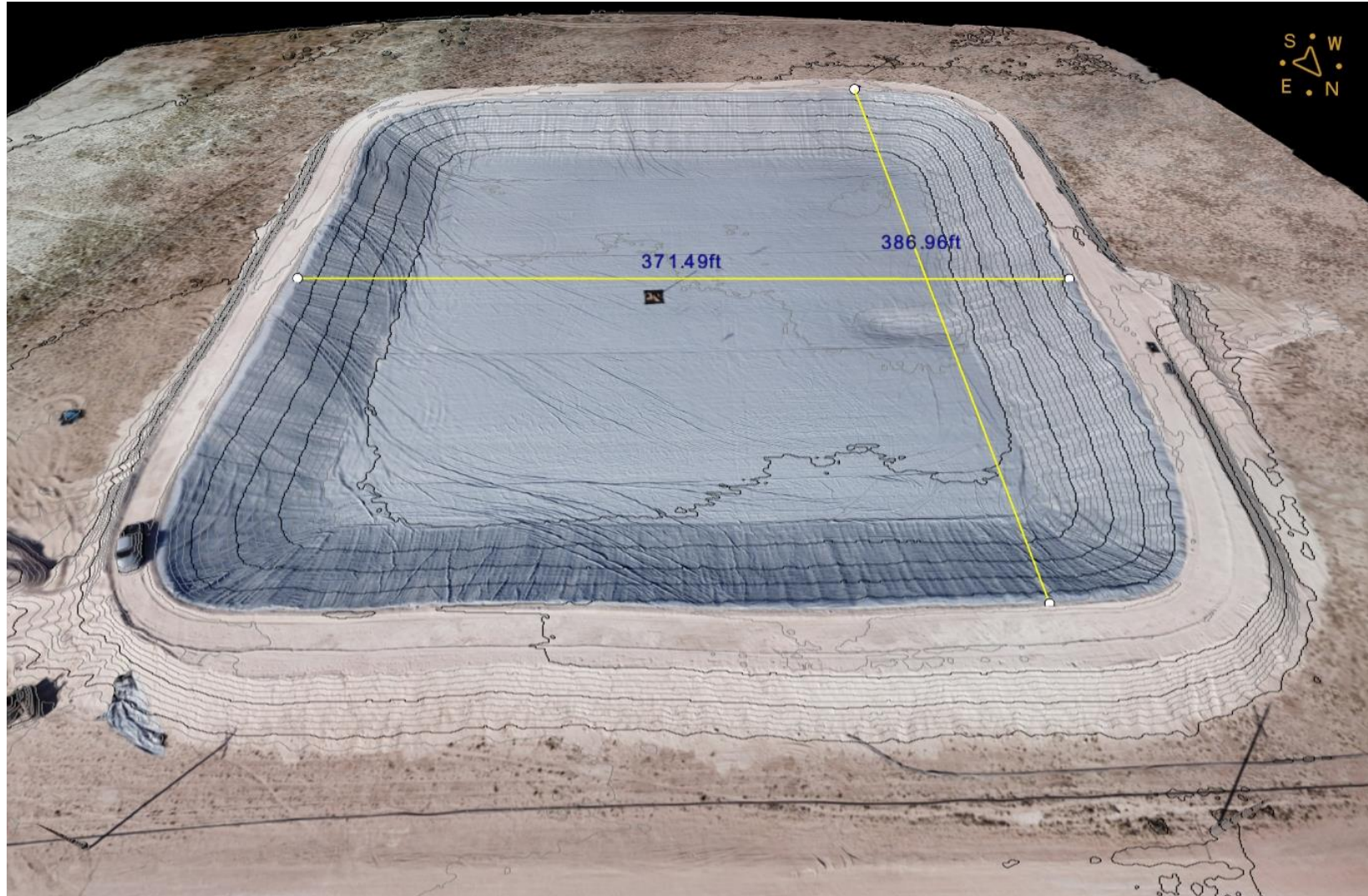
Level/Volume Curve



Pit Measurements

Fracking Pit

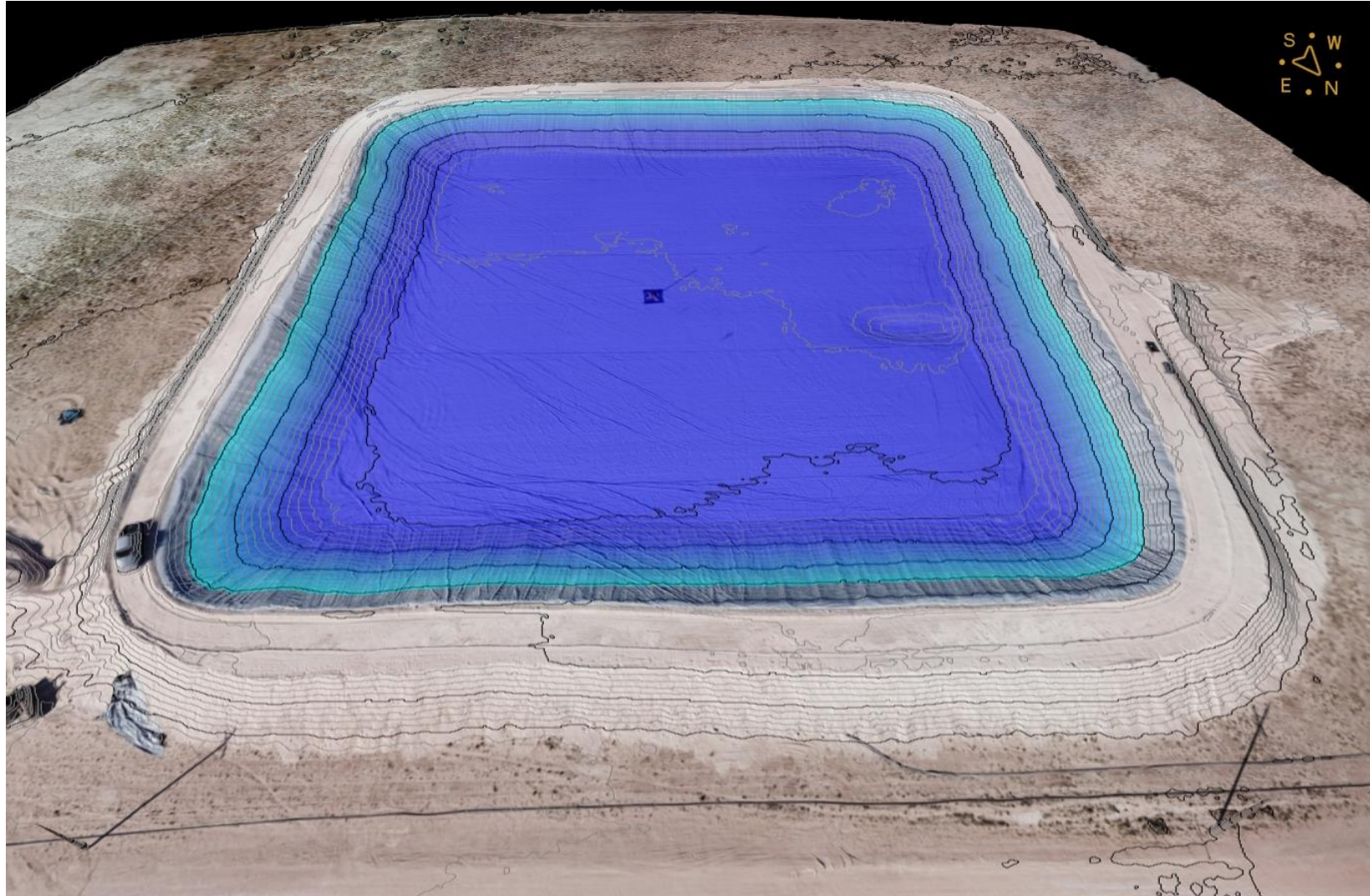
Measured dimension of the pit:
371.49 ft x 386.96 ft at the top of berm



Simulated Freeboard Fill

Fracking Pit

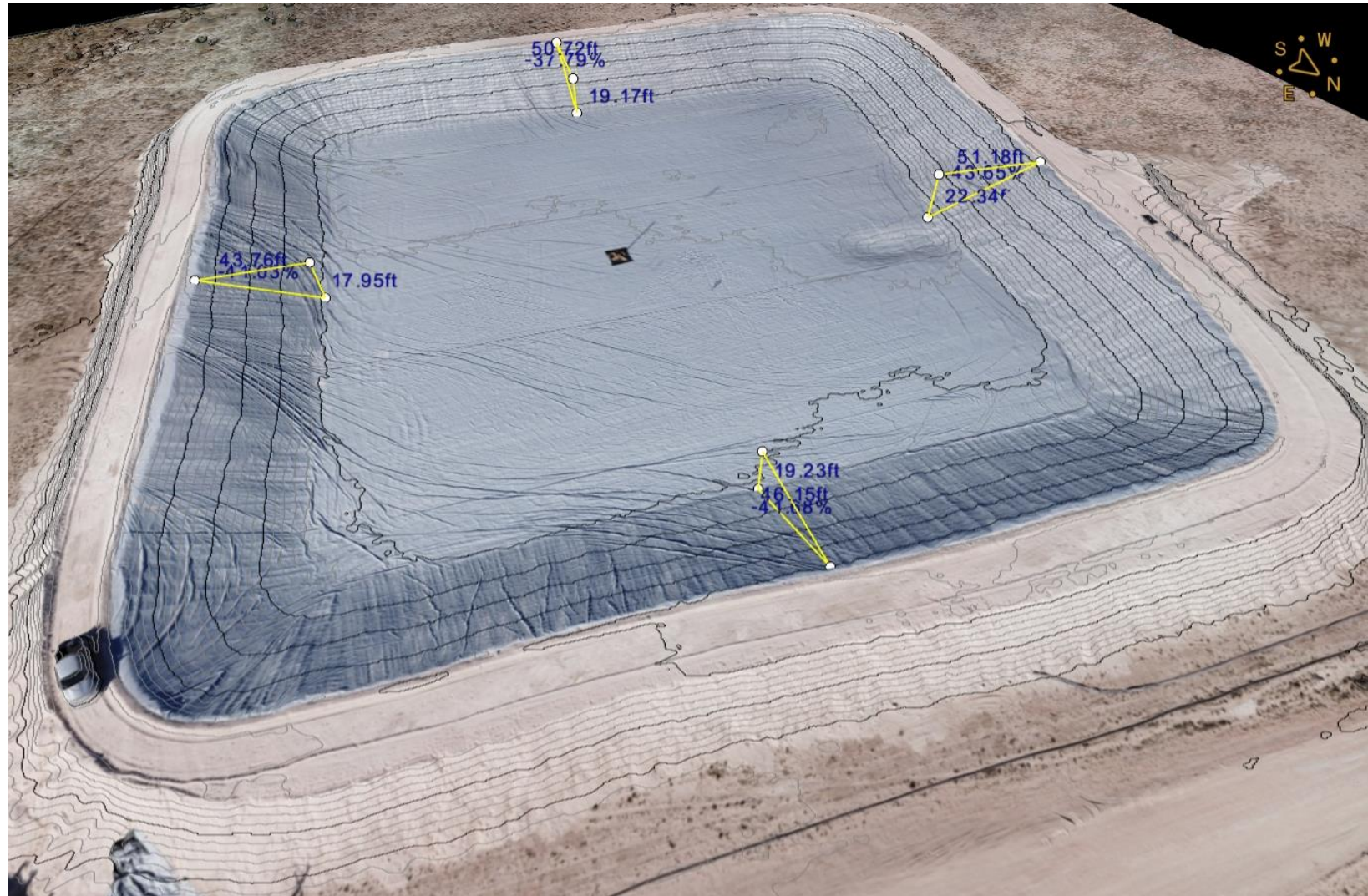
Simulated 2 foot freeboard fill with contour lines representing 1 foot grade changes in measured elevations.



Slope & Depth Measurements

Fracking Pit

Measurements indicating slope depth and slope grade at Northwest, Northeast, Southwest, and Southeast sides.



Corner Points

Fracking Pit

The 4 data elements in this graph and chart represent sample points at each corner of the pond longitudes/latitudes shown and indicate the elevation (from sea-level) for each data sample.

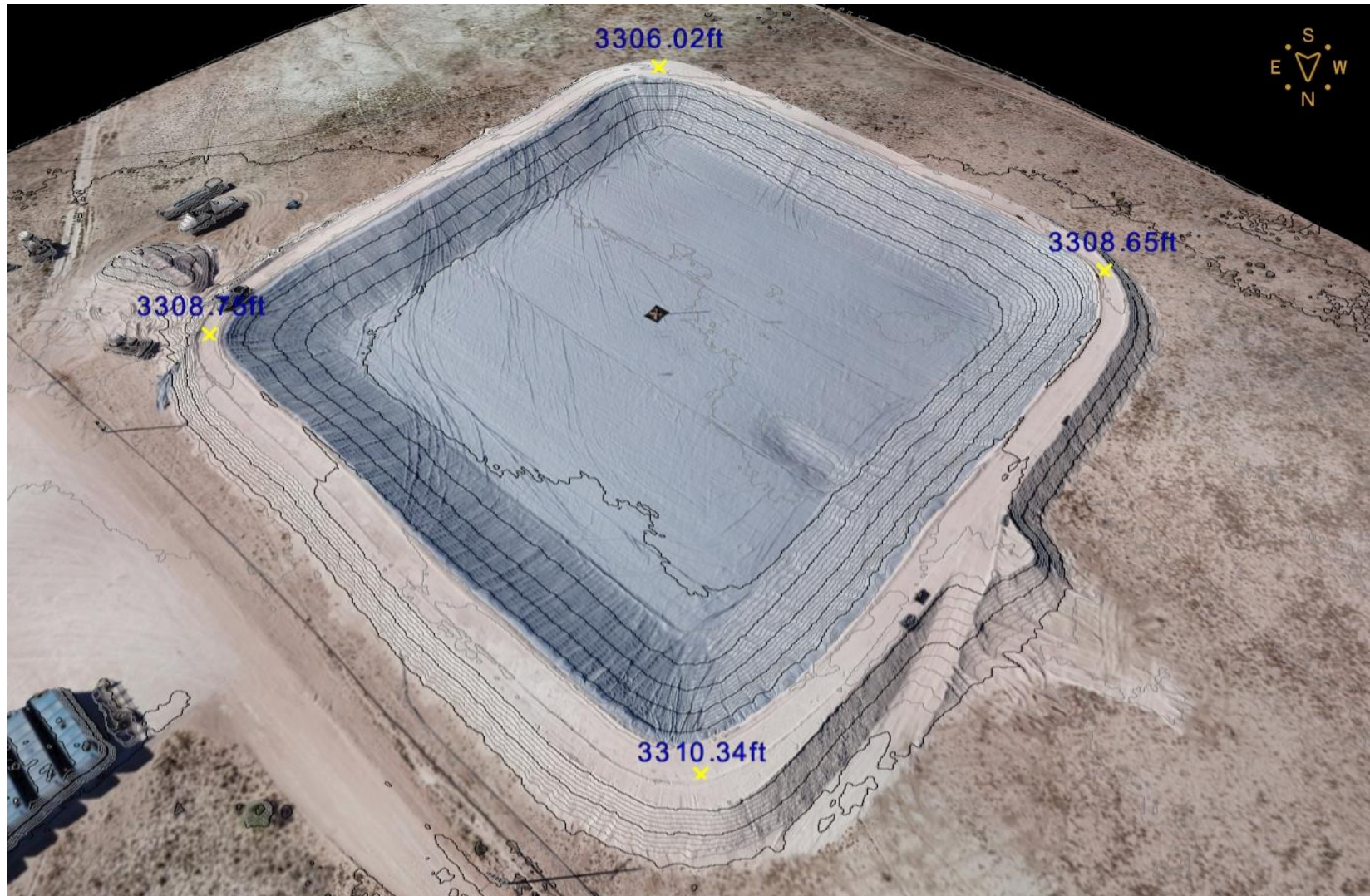


Chart of Measured Levels & Volumes

Fracking Pit

Summary Information

The recommended "fill" line in this pit is 16ft (to sump) in order to ensure a 2ft freeboard minimum across the entire brim.

Gauge	Depth in Feet	Barrels	Gallons	Cubic Feet
15	16	13,560	569,520	65,207
14	15	12,774	536,508	61,432
13	14	11,852	497,784	56,995
12	13	10,824	454,608	52,050
11	12	9,756	409,752	46,914
10	11	8,473	355,866	41,958
9	10	7,810	328,020	37,558
8	9	6,944	291,648	33,394
7	8	6,192	260,064	29,777
6	7	5,311	223,062	25,542
5	6	4,088	171,696	19,661
4	5	3,521	147,882	16,931
3	4	2,789	117,138	13,413
2	3	2,047	85,974	9,841
1	2	1,703	71,526	8,191
	1	1,058	44,436	5,088