

***** LIQUID SPILLS - VOLUME CALCULATIONS *****

Location of Spill: Saragossa 10 State #3

Date of Spill: 10/26/2018

Site Soil Type: Sandy Loam & Caliche

Average Daily Production: 3.5 BBL Oil 43.6 BBL Water

Total Area Calculations						
Total Surface Area	Width	Length	Wet Soil Depth	Oil (%)	Soil Class.	Porosity%
Polygon #1	1,969		6"	7	GM	0.15
Polygon #2	3,913		3"	7	GM	0.15
Polygon #3	6,130		1/16"	93	GM/ML	0.18
Saturated Soil Volume calculations:			H2O		OIL	

Polygon #1	984.50	24.46	1.84
Polygon #2	978	24.30	1.83
Polygon #3	383.13	0.86	11.42

Total Solid/ Liquid Volume:

<u>Estimated Volumes Spilled</u>	<u>H2O</u>	<u>OIL</u>
	49.62	15.09
Liquid Recovered:	0	0
Total Spill Liquid:	64.71	