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

Location of spill:	Red Hills 17H	Date of Spill:	6/1/2019
	If the leak/spill is associated with production	equipment, i.e wellhead, stuffing box	. <u></u>
	flowline, tank battery, production vessel, trans	fer pump, or storage tank place an "X" here	: x

•		•	,	etc.are kno	own enter the volumes here: alculations" is optional. The	OIL: 0.0000 BE above will ov	_	WATER: 0.0000 BB		umes.	
Total Area Calculations				Standing Liquid Calculations							
Total Surface Area	width	length	wet soil depth	oil (%)	Standing Liquid Area	width		length		liquid depth	oil (%)
Rectangle Area #1	35 ft X	23 ft	X 5 in	0%	Rectangle Area #1	0 ft	Χ	0 ft	Χ	0 in	0%
Rectangle Area #2	0 ft X	0 ft	X 0 in	0%	Rectangle Area #2	0 ft	X	0 ft	Χ	0 in	0%
Rectangle Area #3	0 ft X	0 ft	X 0 in	0%	Rectangle Area #3	0 ft	X	0 ft	Χ	0 in	0%
Rectangle Area #4	0 ft X	0 ft	X 0 in	0%	Rectangle Area #4	0 ft	Χ	0 ft	Χ	0 in	0%
Rectangle Area #5	0 ft X	0 ft	X 0 in	0%	Rectangle Area #5	0 ft	X	0 ft	Χ	0 in	0%
Rectangle Area #6	0 ft X	0 ft	X 0 in	0%	Rectangle Area #6	0 ft	Χ	0 ft	Χ	0 in	0%
Rectangle Area #7	0 ft X	0 ft	X 0 in	0%	Rectangle Area #7	0 ft	X	0 ft	Χ	0 in	0%
Rectangle Area #8	0 ft X	0 ft	X 0 in	0%	Rectangle Area #8	0 ft	Χ	0 ft	Χ	0 in	0%

			okay
		production system leak - DAI	LY PRODUCTION DATA REQUIRED
Average Daily Production:	Oil Wate	er	
	0 BBL	0 BBL	
id leak occur before the sepa Amount of Free Liquid Recovered:	ator?: YES	N/A (place an "X")	Percentage of Oil in Free Liquid Recovered: 0% (percentage)
	0.14 gal per gal	Use the following when the spill w	ets the grains of the soil. Use the following when the liquid completely fills the pore space of the soil:

Saturated Soil Volume Calculations:			1100		1100	011		
	Total Solid/Liquid Volume:	805 sq. ft.	<u>H2O</u> 335 cu. ft.	OIL cu. ft.	Total Free Liquid Volume:	sq. ft.	<u>H2O</u> .000 cu. ft.	OIL .000 cu. ft.
	Estimated Volumes Spilled			Estimated Production Volumes Lost				
	Liquid in Soil: Free Liquid:		<u>H2O</u> 8.4 BBL <u>0.0</u> BBL	OIL 0.0 BBL 0.0 BBL	Estimated Production Spilled:		<u>H2O</u> 0.000000 BBL	OIL 0.000000 BBL
		Totals:	8.363 BBL	0.000 BBL	Estimated Surface D Surface Area:	<u>Namage</u> 805 sq. ft.		
	Total Liquid Spill Liquid:		8.363 BBL	0.000 BBL	Surface Area:	.0185 acre		
	Recovered Volumes				Estimated Weights, and	d Volumes		
	Estimated oil recovered: Estimated water recovered:	0.0 BBL 0.0 BBL	check - ol	*	Saturated Soil = Total Liquid =	37,567 lbs 8 BBL	335 cu.ft. 351.25 gallon	12 cu.yds. 2,922 lbs