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

Locat	tion of Spill: MC/	A Battery 2			Date of Spill:	1/1	15/2024				
		If the leak/spill is	associated with	n productio	n equipment, i.e wellhead,	stuffing box,					
	flo	wline, tank battery, p	oroduction vess	sel, transfer	pump, or storage tank place	e an "X" here:					
				In	put Data:						
						OIL:	WATER:				
lf spill volum	nes from measure	ement, i.e. metering,	tank volumes,	etc.are kno	own enter the volumes here:	ВВІ	LBE	3L			
If "know	n" spill volumes	are given, input da	ata for the follo	owing "Are	ea Calculations" is optional	I. The above will	override the calculated	volumes.			
Total Area Calculations					Standing Liquid Calculations						
			wet soil								
Total Surface Area	width	length	depth	oil (%)	Standing Liquid Area	width	length		id depth	oil (%)	
Rectangle Area #1	20.00 ft X	30.00 ft X	6.00 in	100.00%	Rectangle Area #1	20.00 ft	X 25.00 ft	X	0.50 in	100.00%	
Rectangle Area #2	15.00 ft X	15.00 ft X	6.00 in	100.00%	Rectangle Area #2		X 15.00 ft	X	0.50 in	100.00%	
Rectangle Area #3	6.00 ft X	160.00 ft X	6.00 in	100.00%	Rectangle Area #3		X 160.00 ft	X	0.50 in	100.00%	
Rectangle Area #4	0.00 ft X	0.00 ft X	0.00 in	0.00%	Rectangle Area #4	0.00 ft	X 0.00 ft	X	0.00 in	0.00%	
Rectangle Area #5	0.00 ft X	0.00 ft X	0.00 in	0.00%	Rectangle Area #5	0.00 ft	X 0.00 ft	X	0.00 in	0.00%	
Rectangle Area #6	0.00 ft X	0.00 ft X	0.00 in	0.00%	Rectangle Area #6	0.00 ft	X 0.00 ft	X	0.00 in	0.00%	
Rectangle Area #7	0.00 ft X	0.00 ft X	0.00 in	0.00%	Rectangle Area #7	0.00 ft	X 0.00 ft	X	0.00 in	0.00%	
Rectangle Area #8	0.00 ft X	0.00 ft X	0.00 in	0.00%	Rectangle Area #8		X 0.00 ft	Χ	0.00 in	0.00%	
		productio	on system leal	c - DAILY F	PRODUCTION DATA REQU	JIRED					
Average Daily Production:	Oil	Water									
	BBL	BBL									
_											
Did leak occur before the sepa	arator?:	YES X N/A	(place an "X")								
Amount of Free Liquid Recovered:	· MARI OKAV				Percentage of Oil in Free Liquid Recovered: 100.00% (percentage)						
Liquid holding factor *:	0.14 gal per	gal Use the fol	llowing when the sp	oill wets the a	rains of the soil.	Use the following whe	en the liquid completely fills the	pore space of	the soil:		
				-			Occures when the spill soaked soil is contained by barriers, natural (or not).				
						am = .25 gallon liquid per gallor		, ,			
	er gallon volume of soil.		ion liquid per gallon volume of s		•						
			n = .16 gallon liquid			salidy loain – .5 gail	on liquid per gallon volume or s	JOII.			
		3.2, 132	gamen nqui	. por gamen re							
Saturated Soil Volur				<u>Free Liquid</u>	Free Liquid Volume Calculations:						
Total Solid/Liquid Volume:	1,785 sq. ft.	<u>H2O</u> cu. ft.	<u>OIL</u> 893 cu. ft		Total Free Liquid Volume:	1,685 sq.	<u>H2O</u> ft. cu	. ft.	OIL 70 cu. f	t.	
Estimated Volumes Spilled					Estimated Product	<u>st</u>					
		<u>H2O</u>	<u>OIL</u>						<u>OIL</u>		
Liquid in Soil:		0.0 BBL	22.3 BBL		Estimated Produ	uction Spilled:	0.0 BE	3L	0.0 BBL		
Free Liquid:		0.0 BBL	12.5 BBL								
Totals:		0.0 BBL	34.8 BBL		Estimated Sur	rface Damage					
					Surface Area:	1,785 sq.	ft.				
Total S	pill Liquid:	0.0 BBL	34.8 BBL		Surface Area:	.0410 acre					
i otai Sį	piii Liquiu.	V.V DDL	34.0 DBL		Sullace Alea.	.04 TO acre	5				
Recovered Volum			Estimated Weights, and Volumes								
Estimated oil recovered:	24.0 BBL	check - o	kay		Saturated Soil =	99,960 lbs	893 cu	.ft.	33 cu.yc	ds.	

35 BBL

Total Liquid =

12,145 lbs

1,460 gallon

check - okay

0.0 BBL

Estimated water recovered: