## NRM2000839524

		***** LIQU	ID SPILLS	- VOLU	ME CALCULATION				
Location	on of spill:	COG -Vast East C	СТВ		Date of Spill:	24-Oct-20	<u> </u>		
		•			equipment, i.e wellhead ump, or storage tank place				
Input [					Data:	OIL:	WATER:		
If spill volumes from measurement, i.e. metering, tank volumes, etc. are kn If "known" spill volumes are given, input data for the following "Area Ca						0.0 BBL	0.0 BBL	lumes.	
Total Area Calculations					Standing Liquid Calculations				
Total Outron Amer		wet soil	(0()	0(	<u> </u>		P. 14 4. 4	. 11 (0/)	
Total Surface Area Rectangle Area #1	width 0 ft	length 0 ft X	depth 0.00 in	oil (%) 100%	Standing Liquid Area Rectangle Area #1	width 30 ft X	length 30 ft X	liquid depth 1.50 in	oil (%) 25%
Rectangle Area #2	0 ft X	0 ft X	0.00 in	0%	Rectangle Area #2	0 ft X	0 ft X	0 in	0%
Rectangle Area #3 Rectangle Area #4	0 ft X 0 ft X	0 ft X 0 ft X	0.0 in 0.0 in	0% 0%	Rectangle Area #3 Rectangle Area #4	0 ft X 0 ft X	0 ft X 0 ft X	0 in 0 in	0% 0%
Rectangle Area #5	0 ft X	0 ft X	0.0 in	0%	Rectangle Area #5	0 ft X	0 ft X	0 in	0%
Rectangle Area #6	0 ft X	0 ft X	0 in	0%	Rectangle Area #6	0 ft X	0 ft X	0 in	0%
Rectangle Area #7 Rectangle Area #8	0 ft X 0 ft X	0 ft X 0 ft X	0 in 0 in	0% 0%	Rectangle Area #7 Rectangle Area #8	0 ft X 0 ft X	0 ft X 0 ft X	0 in 0 in	0% 0%
Rectaligle Alea #0	011 ×	011 7	0 111	0 76	Nectaligle Alea #6	0 IL X	0 IL X	0 111	0 76
0.1  production system leak - DAILY PRODUCTION DATA REQUIRED  Average Daily Production: Oil 0 BBL Water 0 BBL 0 Gas (MCFD)  Total Hydrocarbon Content in gas: 0% (percentage)									
Did leak occur before the sepa	YES N/A	(place an "X"	")	H2S Content in Pi	roduced Gas: 0	PPM PPM			
Amount of Free Liquid Recovered:	0 BBL	okay			Percentage of Oil	in Free Liquid 0% Recovered:	(percentage)		
Liquid holding factor *: 0.00 gal per gal  Use the following when the spill wets the grains of the soil.  * Sand = 0.08 gallon (gal.) liquid per gal. volume of soil.  * Gravelly (caliche) loam = 0.14 gal. liquid per gal. volume of soil.  * Sandy clay loam soil = 0.14 gal. liquid per gal. volume of soil.  * Clay loam = 0.25 gal. liquid per gal. volume of soil.  * Candy loam = 0.14 gal. liquid per gal. volume of soil.  * Clay loam = 0.25 gal. liquid per gal. volume of soil.  * Sandy loam = 0.5 gal. liquid per gal. volume of soil.									
Total Solid/Liquid Volume:	sq. ft.	cu. ft.	cu. f	ft.	Total Free Liquid Volume:	900 sq. ft.	84 cu. ft.	28 cu.	ft.
Estimated Volumes	Spilled				Estimated Production	1 Volumes Lost			
Liquid	in Soil:	<u><b>H2O</b></u> 0.0 BBL	<u>OIL</u> 0.0 BBL		Estimated Produ	uction Spilled:	<u>H2O</u> 0.0 BBL	<u>OIL</u> 0.0 BBI	_
Free Liquid: Totals:		15.0 BBL 5.0 BBL 15.0 BBL 5.0 BBL		<u>.</u>	Estimated Surface Surface Area:				
Total Liquid Spill	Liquid:	15.0 BBL	5.01 BBL	-	Surface Area:	900 sq. ft. .0207 acre			
Recovered Volum	nes				Estimated Weights,	and Volumes			
Estimated oil recovered:	BBL	check - ok	av		Saturated Soil =	lbs	cu. ft.	cu.	yds.
Estimated water recovered:	BBL	check - ok			Total Liquid =	20 BBL	842 gallon	7,001 <b>lbs</b>	,
Air Emission from flowl	line leaks:				Air Emission of Reporti	ng Requirements:			
Volume of oil spill: Separator gas calculated: Separator gas released: Gas released from oil: H2S released: Total HC gas released: Total HC gas released:	- BBL - MCF - MCF - Ib - Ib - Ib			H	HC gas release reportable? H2S release reportable?		<u>Texas</u> NO NO		