			***** LIQ	JID SPILLS	- VOLU	IME CALCULATION	VS *****				
Location	on of spill	C	OG -Tigercat Federa	I Com 1H TB	_	Date of Spill:	28-Oct-20	19			
			If the leak/spill is a	ssociated with	production	n equipment, i.e wellhead	, stuffing box,				
		f	lowline, tank battery,	production vesse	el, transfer p	oump, or storage tank <b>place</b>	an "X" here:				
Input Data:											
If spill volumes from measurement, i.e. metering, t				ı, tank volumes, e	etc. are kno	own enter the volumes here:	OIL: 0.0 BBL	WATER: 0.0 BBL	•		
If "known" spill volumes are given, input data for the following "Area Cal						culations" is optional. The	e above will overrid	e the calculated	volumes.		
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	0 ft		0 ft X	0.00 in	0%	Rectangle Area #1	20 ft X	30 ft .	X 2.30 in	0%	
Rectangle Area #2	0 ft	X	0 ft X	0.00 in	0%	Rectangle Area #2	0 ft X		X 0 in	0%	
Rectangle Area #3	0 ft	X	0 ft X	0 in	0%	Rectangle Area #3	0 ft X		X 0 in	0%	
Rectangle Area #4	0 ft	X	0 ft X	0 in	0%	Rectangle Area #4	0 ft X		X 0 in	0%	
Rectangle Area #5	0 ft	X X	0 ft X 0 ft X	0 in	0% 0%	Rectangle Area #5	0 ft X 0 ft X		X 0 in	0%	
Rectangle Area #6	0 ft 0 ft	X	0 ft X 0 ft X	0 in	0%	Rectangle Area #7	0 ft X 0 ft X		X 0 in X 0 in	0%	
Rectangle Area #7 Rectangle Area #8	0 ft	X	Oft X	0 in 0 in	0%	Rectangle Area #7 Rectangle Area #8	0 ft X	0 ft .		0% 0%	
Nectarigle Area #0	0 10	^	Oit X	0 111	0 70	Trectaligie Alea #0	0 IL X	O It	X 0 III	0 70	
ERROR - Standing Liquid Area larger than Total Area, Review Data Input											
						DUCTION DATA REQUIRE					
Average Daily Production:	Oil 0	BBL	Water 0 BB		s (MCFD)	DOCTION DATA REQUIRE					
Average Daily Production.	Oii 0	DDL	Water 0 DD	L 0 Gas	s (IVICED)	Total Hydrocarbon C	ontent in gas: 0%	(percentage)			
Did leak occur before the separator?:  YES  N/A (place an "X")  H2S Content in Produced Gas:  H2S Content in Tank Vapors:  0 PPM											
_								PPM			
Amount of Free Liquid Recovered:	0 BB	L	okay	′		Percentage of Oil	in Free Liquid Recovered:	(percentage)			
Liquid holding factor *: 0.14 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.  Use the following when the liquid completely fills the pore space of the soil:  Occurs when the spill soaked soil is contained by barriers, natural (or not).											
							gal. liquid per gal. volume of soil.				
* Sandy clay loam soil =					il = <b>0.14</b> gal liquid per gal. volume of soil. * Gravelly (caliche) loam = <b>0.25</b> gal. liquid						
		* Clay loam	of soil.	* Sandy loam = 0.5 gal. li	quid per gal. volume o	of soil.					
Total Solid/Liquid Volume:	sq	ft.	cu. ft.	cu.	ft.	Total Free Liquid Volume:	600 sq. ft.	115 cu. f	t. cu	. ft.	
Estimated Volumes S	Spilled					Estimated Production	1 Volumes Lost				
Liquid in Soil:			<u><b>H2O</b></u> 0.0 BBL	<u>OIL</u> 0.0 BBI	L	Estimated Production Spilled:		<u>H2O</u> 0.0 BBL	<u>OIL</u> 0.0 BB	OIL 0.0 BBL	
Free Liquid: Totals:			20.5 BBL 20.5 BBL	0.0 BBI 0.0 BBI		Estimated Surface	ce Damage				
Total Liquid Spill	Liauid:		20.5 BBL	0.00 BB	L	Surface Area: Surface Area:	600 sq. ft.				
Recovered Volumes				3.00	_	Estimated Weights,					
Estimated oil recovered:	ВВ		check -	,		Saturated Soil =	lbs	cu. ft		yds.	
Estimated water recovered:	ВВ	L	check -	okay		Total Liquid =	20 <b>BBL</b>	860 gallo	on 7,157 lbs		
Air Emission from flowli	ine leake:					Air Emission of Reporti	na Requiremente:				
Volume of oil spill:	- BB	ı				Emission of Reporti	New Mexico	Texa	ns.		
Separator gas calculated:	- MC					HC gas release reportable?		NO.	<u></u>		
Separator gas released:	- MC					H2S release reportable?		NO			
Gas released from oil:	- lb						-				
H2S released:	- lb										
Total HC gas released:	- lb										
Total HC gas released:	- MC	F									
=											