		*****	LIQUII	D SPILLS	- VOL	UME CALCULATION	NS *****			
Locati	COG - Eider	COG - Eider Federal #002H			Date of Spill:	18-Aug-20	019			
	-	If the leak/sp	ill is ass	ociated with p	roductio	n equipment, i.e wellhead	, stuffing box,			
		flowline, tank ba	ttery, pro	duction vessel,	transfer	pump, or storage tank place	an "X" here: X			
					Input	Data:				
If spill vo	olumes from r	measurement, i.e. me	etering, ta	ank volumes, et	• ic. are kno	own enter the volumes here:	OIL: 0.0 BBL	WATER: 0.0 BBL		
			-			Iculations" is optional. The	e above will overrie	de the calculated vo	olumes.	
	Total Are	ea Calculations					Standing Liqui	d Calculations		
Total Surface Area	width	length		wet soil depth	oil (%)	Standing Liquid Area	width	length	liquid depth	oil (%
Rectangle Area #1	0 ft	X 0 ft	Х	0.00 in	0%	Rectangle Area #1	30 ft X	45 ft X	1.00 in	0%
Rectangle Area #2 Rectangle Area #3	0 ft 0 ft	X Oft X Oft	X X	0.00 in 0.0 in	0% 0%	Rectangle Area #2 Rectangle Area #3	Oft X Oft X		0 in 0 in	0% 0%
Rectangle Area #3		X Oft	x	0.0 in 0.0 in	0%	Rectangle Area #3	0 ft X		0 in	09
Rectangle Area #5	0 ft	X 0 ft	Х	0.0 in	0%	Rectangle Area #5	0 ft X	0 ft X	0 in	0%
Rectangle Area #6		X 0 ft	Х	0 in	0%	Rectangle Area #6	0 ft X		0 in	0%
Rectangle Area #7 Rectangle Area #8		X Oft X Oft	X X	0 in 0 in	0% 0%	Rectangle Area #7 Rectangle Area #8	Oft X Oft X		0 in 0 in	0% 0%
					0.1					
		produ	ction sv	stem leak - DA	0.1 JI Y PRO	DUCTION DATA REQUIRE	п			
Average Daily Production:	Oil 0	BBL Water 0			(MCFD)					
0 ,					( - )	Total Hydrocarbon C	ontent in gas: 0%	(percentage)		
id leak occur before the sepa	YES	S N/A (place an "X")			H2S Content in P	roduced Gas: 0	PPM			
iu leak occur before the sepa	liator?.	TES	N/A	(place an "X"	)	H2S Content in		PPM		
Amount of Free Liquid Recovered:	0 BBL		okay			Percentage of Oil				
Liquid holding factor *:	0.00 gal p	oor gol	ha fallauia	g when the spill we	to the second	a of the cell		the liquid completely fills		e e ile
	U.UU gai p			allon (gal.) liquid p				baked soil is contained by		
						gal. volume of soil.	* Clay loam = 0.20 gal. I	iquid per gal. volume of s	oil.	
				m soil = 0.14 gal l 16 gal. liquid per g				n = <b>0.25</b> gal. liquid per gal liquid per gal. volume of s		
Total Solid/Liquid Volume:	sq. f	ft. cu. f	ft.	cu. f	t.	Total Free Liquid Volume:	1,350 sq. ft.	. 113 cu. ft.	cu.	ft.
Estimated Volumes	Spilled					Estimated Production	n Volumes Lost			
		<u>H2O</u>						H2O	<u>OIL</u> 0.0 BB	
	l in Soil: • Liquid:	0.0 BBL <u>20.0</u> BBL		0.0 BBL <u>0.0</u> BBL		Estimated Produ		0.0 BBL	0.0 BB	-
	Totals:	20.0 BBL	-	0.0 BBL		Estimated Surface Surface Area:	<u>ce Damage</u> 1,350 sq. ft.			
Total Liquid Spill	Liquid:	20.0 BBL	- 1	0.00 BBL		Surface Area:	.0310 acre			
Beeevered Velu	mes					Estimated Weights,	and Volumes			
Recovered Volur	BBL	ch	eck - oka	N		Saturated Soil =	lbs	cu. ft.		yds.
			eck - oka	•		Total Liquid =	20 BBL	842 gallon	7,001 lbs	yuo.
Estimated oil recovered:	BBL									
Estimated oil recovered: Estimated water recovered:	BBL						n n Damila			
Estimated oil recovered: Estimated water recovered: <u>Air Emission from flow</u>	BBL					Air Emission of Reporting		Toyoo		
Estimated oil recovered: Estimated water recovered: <u>Air Emission from flow</u> Volume of oil spill:	BBL /line leaks: - BBL						New Mexico	Texas		
Estimated oil recovered: Estimated water recovered: Air Emission from flow Volume of oil spill: Separator gas calculated:	BBL	=				HC gas release reportable?	New Mexico NO	<u>Texas</u> NO NO		
Estimated oil recovered: Estimated water recovered: Air Emission from flow Volume of oil spill: Separator gas calculated: Separator gas released: Gas released from oil:	BBL <u>(line leaks:</u> - BBL - MCF	=					New Mexico NO	NO		
Estimated oil recovered: Estimated water recovered: Air Emission from flow Volume of oil spill: Separator gas calculated: Separator gas released: Gas released from oil: H2S released:	Hine leaks: - BBL - MCF - MCF - Ib - Ib	=				HC gas release reportable?	New Mexico NO	NO		
Estimated oil recovered: Estimated water recovered: Air Emission from flow Volume of oil spill: Separator gas calculated: Separator gas released: Gas released from oil:	BBL <u>(line leaks:</u> - BBL - MCF - MCF - Ib	=				HC gas release reportable?	New Mexico NO	NO		