Location of spill: Code - Microyne 16 to 18 If the each point is associated with production equipment, i.e well-each, stuffing Doc, thorine, facility to production exposure prints, prints of the prints of th												
Location of spill: COG Motings is associated with production equipment, i.ewelflood, sutfing box.												
Location of spill: COG Motings is associated with production equipment, i.ewelflood, sutfing box.												
Location of spill: COG Motings is associated with production equipment, i.ewelflood, sutfing box.												
If the leakingill is associated with production equipment, i.e. wellhoad, stuffing box, flowfire, tank battery, production vessel, transfer pump, or storage tank place an "X" here in put Data: If spill volumes from measurement, i.e. meterring, tank volumes, sic. are from ment the volumes here: If spill volumes are given, input data for the following "Area Calculations" is optional. The above will override the calculated volumes. Total Area Calculations Total Surface Area width length depth oil (%) Rectangle Area #1 of it X of			***** L	IQUID SPILLS	s - VOLU	JME CALCULATION	NS *****					
If spill volumes from measurement, i.e. metering, tank volumes, etc. are known enter the volumes here: 0.0	Location of spill:		COG - McIntyre	COG - McIntyre B 10 TB		Date of Spill:	6-De	c-2018				
If spill volumes from measurement, i.e. metering, tank volumes, etc. are known enter the volumes here: 0.0	If the leak/spill is associated with production equipment, i.e., wellhead, stuffing hox											
Input Data: If spill volumes from measurement, i.e. meering, tank volumes, etc. are known enter the volumes here. If spill volumes are given, input data for the following: "Area Calculations: "spill volumes are given, input data for the following: "Area Calculations: "Standing Liquid Calculations Total Sortare Area width length depth of (Vp) Rectargle Area #2 0 ft x 0 ft			•				_	7				
If spill volumes from measurement, i.e. metering, tank volumes, etc. are known enter the volumes here: 0.0 BL 1			novino, tant batte	ory, production voco	oi, tranoror p	ourip, or otorage tarik place	an x noro.					
If spil volumes are given, input data for the followings 'Area Calculations' is optional. The above will override the calculated volumes. Total Area Calculations					Input	Data:	011 -	14/A T	ED.			
If "known" spill volumes are given, input data for the following "Area Calculations" is optional. The above will override the calculated volumes. Total Surface Area	If spill vo	dumes from n	neasurement i.e. mete	ering tank volumes	etc are kno	own enter the volumes here:						
Total Surface Area width length wet stoil depth oil (%) Standing Liquid Area width length liquid depth oil (%) Rectangle Area #2 0 ft X	•		•	,					_	nlumes		
Total Surface Area width length depth	11 1410411	•			7.100.00	iodiationo lo optionali. Tri				oranico.		
Rectangle Area #1 45 ft		TOTAL AT	a Calculations	wet soil	wet soil			quiu Caicui	ations			
Rectangle Area #2												
Rectangle Area #3												
Rectangle Area #4				X 0.00 III								
Rectangle Area #5												
Rectangle Area #7		0 ft	X 0 ft	X 0.0 in	0%		0 ft	X	0 ft X	0 in		
Rectangle Area #8 0 ft X 0 ft X 0 in 0% Rectangle Area #8 0 ft X 0 ft X 0 in 0% Output Service Servi												
Average Daily Production: Oil 0 BBL Water 0 BBL 0 Gas (MCFD) Total Hydrocarbon Content in gas: 0% (percentage) Did leak occur before the separator?: VES												
Average Daily Production: Oil 0 BBL Water 0 BBL 0 Gas (MCFD) Total Hydrocarbon Content in gas: 0% (percentage) Total Hydrocarbon Content in gas: 0% (percentage) Amount of Free Liquid Recovered: 0 BBL okay PPM Amount of Free Liquid Recovered: 0 BBL okay PPM Liquid holding factor *: 0.14, gal per gal Daily Producin (gal) liquid per gal. volume of soil. 1 Gravelly (callule) loam - 0.14 gal liquid per gal. volume of soil. 2 Gravelly (callule) loam - 0.14 gal liquid per gal. volume of soil. 3 Sandy loam - 0.14 gal. liquid per gal. volume of soil. 3 Sandy loam - 0.14 gal. liquid per gal. volume of soil. 4 Sandy (sollane) loam - 0.14 gal. liquid per gal. volume of soil. 5 Sandy loam - 0.14 gal. liquid per gal. volume of soil. 5 Sandy loam - 0.14 gal. liquid per gal. volume of soil. 6 Sandy loam - 0.15 gal. liquid per gal. volume of soil. 6 Sandy loam - 0.15 gal. liquid per gal. volume of soil. 7 Sandy loam - 0.5 gal. liquid per gal. volume of soil. 8 Sandy loam - 0.5 gal. liquid per gal. volume of soil. 9 Sandy loam - 0.5 gal. liquid per gal. volume of soil. 9 Sandy loam - 0.5 gal. liquid per gal. volume of soil. 9 Sandy loam - 0.5 gal. liquid per gal. volume of soil. 9 Sandy loam - 0.5 gal. liquid per gal. volume of soil. 9 Sandy loam - 0.5 gal. liquid per gal. volume of soil. 9 Sandy loam - 0.5 gal. liquid per gal. volume of soil. 9 Sandy loam - 0.5 gal. liquid per gal. volume of soil. 9 Sandy loam - 0.5 gal. liquid per gal. volume of soil. 9 Sandy loam - 0.5 gal. liquid per gal. volume of soil. 9 Sandy loam - 0.5 gal. liquid per gal. volume of soil. 9 Sandy loam - 0.5 gal. liquid per gal. volume of soil. 9 Sandy loam - 0.5 gal. liquid per gal. volume of soil. 9 Sandy loam - 0.5 gal. liquid per gal. volume of soil. 9 Sandy loam - 0.5 gal. liquid per gal. volume of soil. 9 Sandy loam - 0.5 gal. liquid per gal. volume of soil. 9 Sandy loam - 0.5 gal. liquid per gal. volume of soil. 9 Sandy loam - 0.5 gal. liquid per gal. volume of soil. 9 Sandy loam - 0.5 gal. liquid per gal. volume of soil. 9 Sandy loam - 0.5 ga	Rectargle Area #0	UII.	X UII	X 0 III	0 78	Nectarigie Area #0	U II		UIL X	V III	0 78	
Average Daily Production: Oil 0 BBL Water 0 BBL 0 Gas (MCFD) Total Hydrocarbon Content in gas: 0% (percentage) Total Hydrocarbon Content in gas: 0% (percentage) Amount of Free Liquid Recovered: 0 BBL okay PPM Amount of Free Liquid Recovered: 0 BBL okay PPM Liquid holding factor *: 0.14, gal per gal Daily Producin (gal) liquid per gal. volume of soil. 1 Gravelly (callule) loam - 0.14 gal liquid per gal. volume of soil. 2 Gravelly (callule) loam - 0.14 gal liquid per gal. volume of soil. 3 Sandy loam - 0.14 gal. liquid per gal. volume of soil. 3 Sandy loam - 0.14 gal. liquid per gal. volume of soil. 4 Sandy (sollane) loam - 0.14 gal. liquid per gal. volume of soil. 5 Sandy loam - 0.14 gal. liquid per gal. volume of soil. 5 Sandy loam - 0.14 gal. liquid per gal. volume of soil. 6 Sandy loam - 0.15 gal. liquid per gal. volume of soil. 6 Sandy loam - 0.15 gal. liquid per gal. volume of soil. 7 Sandy loam - 0.5 gal. liquid per gal. volume of soil. 8 Sandy loam - 0.5 gal. liquid per gal. volume of soil. 9 Sandy loam - 0.5 gal. liquid per gal. volume of soil. 9 Sandy loam - 0.5 gal. liquid per gal. volume of soil. 9 Sandy loam - 0.5 gal. liquid per gal. volume of soil. 9 Sandy loam - 0.5 gal. liquid per gal. volume of soil. 9 Sandy loam - 0.5 gal. liquid per gal. volume of soil. 9 Sandy loam - 0.5 gal. liquid per gal. volume of soil. 9 Sandy loam - 0.5 gal. liquid per gal. volume of soil. 9 Sandy loam - 0.5 gal. liquid per gal. volume of soil. 9 Sandy loam - 0.5 gal. liquid per gal. volume of soil. 9 Sandy loam - 0.5 gal. liquid per gal. volume of soil. 9 Sandy loam - 0.5 gal. liquid per gal. volume of soil. 9 Sandy loam - 0.5 gal. liquid per gal. volume of soil. 9 Sandy loam - 0.5 gal. liquid per gal. volume of soil. 9 Sandy loam - 0.5 gal. liquid per gal. volume of soil. 9 Sandy loam - 0.5 gal. liquid per gal. volume of soil. 9 Sandy loam - 0.5 gal. liquid per gal. volume of soil. 9 Sandy loam - 0.5 gal. liquid per gal. volume of soil. 9 Sandy loam - 0.5 gal. liquid per gal. volume of soil. 9 Sandy loam - 0.5 ga					0.1							
Average Daily Production: Oil 0 BBL Water 0 BBL 0 Gas (MCFD) Total Hydrocarbon Content in gas: 0% (percentage) Total Hydrocarbon Content in gas: 0% (percentage) Total Hydrocarbon Content in gas: 0% (percentage) N/A (place an "X") H2S Content in Produced Gas: 0 PPM H2S Content in Tank Vapors: 0 PPM H2S Content in Tank Vapors			product	ion evetom loak - F		DUCTION DATA REQUIRE	n					
Total Hydrocarbon Content in gas: 0% (percentage) VES	Average Daily Production:	Oil 0				DOOTION DATA REGUIRE						
Did leak occur before the separator?: YES NA (place an "X") H2S Content in Produced Gas: 0 PPM H2S Content in Tank Vapors: 0 PPM Amount of Free Liquid Recovered: 0 BBL Liquid holding factor*: 0.14 gal liquid per gal. volume of soil. *Sand = 0.08 gallon (gal.) liquid per gal. volume of soil. *Sand = 0.08 gallon (gal.) liquid per gal. volume of soil. *Clay loam = 0.14 gal liquid per gal. volume of soil. *Clay loam = 0.15 gal. liquid per gal. volume of soil. *Clay loam = 0.15 gal. liquid per gal. volume of soil. *Sandy (soll per gal. volume of soil. *Clay loam = 0.15 gal. liquid per gal. volume of soil. *Sandy loam = 0.25 gal. liquid per gal. volume of soil.	/ Wordgo Bany / Youdonoin		552 Traio.			Total Hydrocarbon C	ontent in gas:	0% (percent	age)			
Amount of Free Liquid Recovered: 0 BBL okay Percentage of Oil in Free Liquid Recovered: 0% (percentage) Liquid holding factor *: 0.14 gal per gal Value the following when the spill wets the grains of the spill. *Sand = 0.86 gal liquid per gal. volume of spil. *Sand + 0.86 gal liquid per gal. volume of spil. *Sand + 0.14 gal liquid per gal. volume of spil. *Sand + 0.14 gal liquid per gal. volume of spil. *Sand + 0.14 gal liquid per gal. volume of spil. *Sand + 0.14 gal liquid per gal. volume of spil. *Sand + 0.14 gal liquid per gal. volume of spil. *Sand + 0.14 gal liquid per gal. volume of spil. *Sand + 0.14 gal liquid per gal. volume of spil. *Sand + 0.14 gal liquid per gal. volume of spil. *Sand + 0.14 gal liquid per gal. volume of spil. *Sandy (peam + 0.12 gal. liquid per gal. volume of spil. *Sandy (peam + 0.12 gal. liquid per gal. volume of spil. *Sandy (peam + 0.15 gal. liquid per gal. volume of spil. *Sandy				I		-	-	"	9-/			
Amount of Free Liquid Recovered: 0 BBL okay Percentage of Oil in Free Liquid Recovered: 0% (percentage) Liquid holding factor *: 0.14 gal per gal Liquid holding factor *: 0.14 gal per gal volume of soil. Sand = 0.08 galion (gal.) liquid per gal. volume of soil. Sand = 0.08 galion (gal.) liquid per gal. volume of soil. Sand volume of soil. Sand volume of soil. Clay loam = 0.25 gal. liquid per gal. volume of soil. Sand volume = 0.25 gal. liquid per gal. volume of soil. Sand volume = 0.5 gal. liquid per ga	Did leak occur before the sepa	rator?:	YES	N/A (place an ")	(")							
Recovered: Use the following when the soil: Use the following when the soil: Use the following when the soil: Sandy claim (gal) liquid per gal. volume of soil. * Sand = 0.08 gallon (gal.) liquid per gal. volume of soil. * Sandy (saliche) loam = 0.14 gal. liquid per gal. volume of soil. * Sandy claim = 0.25 gal. liquid per gal. vol						H2S Content in	Tank Vapors:	0 PPM				
Liquid holding factor *:		0 BBL	(okav		Percentage of Oil		0% (percent	age)			
* 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. * Sandy clay loam = 0.16 gal. liquid per gal. volume of soil. * Clay loam = 0.15 gal. liquid per gal. volume of soil. * Sandy clay loam = 0.15 gal. liquid per gal. volume of soil. * Sandy clay loam = 0.15 gal. liquid per gal. volume of soil. * Sandy clay loam = 0.15 gal. liquid per gal. volume of soil. * Sandy loam = 0.5 gal. liquid per gal. volume of soil.	Recovered:			,			Recovered:	(1-2-2-1)	9-/			
** Gravelly (caliche) loam = 0.14 gal. liquid per gal. volume of soil. ** Sandy clay loam = 0.10 gal. liquid per gal. volume of soil. ** Sandy clay loam = 0.16 gal. liquid per gal. volume of soil. ** Clay loam = 0.16 gal. liquid per gal. volume of soil. ** Sandy loam = 0.5 gal. liquid per gal. volume of soil. ** Sandy loam = 0.5 gal. liquid per gal. volume of s	Liquid holding factor *: 0,14 gal per gal Use the following when the spill wets the grains of the soil. Use the following when the liquid completely fills the pore space of the soil:											
* Sandy clay loam soil = 0.14 gal liquid per gal. volume of soil. * Cray loam = 0.25 gal. liquid per gal. volume of soil. * Clay loam = 0.16 gal. liquid per gal. volume of soil. * Sandy loam = 0.5 gal. liquid per gal. volumes of soil. * Sandy loam = 0.5 gal. liquid per gal. volumes of soil. * Sandy loam = 0.5 gal. liquid per gal. volumes of soil. * Sandy loam = 0.5 gal. liquid per gal. volumes of soil. * Sandy loam = 0.5 gal. liquid per gal. volumes of soil. * Sandy loam = 0.5 gal. liquid per gal. volumes of soil. * Sandy loam = 0.5 gal. liquid per gal. volume of soil. * Sandy loam = 0.5 gal. liquid per gal. volume of soil. * Sandy loam = 0.5 gal. liquid per gal. volume of soil. * Sandy loam = 0.5 gal. liquid per gal. volume of soil. * Sandy loam = 0.5 gal. liquid per gal. volume of soil. * Sandy loam = 0.5 gal. liquid per gal. volume of soil. * Sandy loam = 0.5 gal. liquid per										ot).		
**Clay loam = 0.16 gal. liquid per gal. volume of soil.												
Total Solid/Liquid Volume: 1,125 sq. ft. 38 cu. ft. cu. ft. Total Free Liquid Volume: sq. ft. cu. ft. cu. ft. Estimated Volumes Spilled H20 OIL Estimated Production Volumes Lost H20 OIL O.0 BBL O.0 BBL Estimated Production Spilled: O.0 BBL												
Estimated Volumes Spilled Liquid in Soil: 0.9 BBL 0.0 BBL 5.0							,	0 1 1 0				
Liquid in Soil: 0.9 BBL 0.0 BBL Estimated Production Spilled: 0.0 BBL 0.0 BBL Free Liquid: 0.9 BBL 0.0 BBL 0.0 BBL Estimated Surface Damage Totals: 0.9 BBL 0.00 BBL Estimated Surface Damage Surface Area: 1,125 sq. ft. Total Liquid Spill Liquid: 0.9 BBL 0.00 BBL Surface Area: 0.258 acre Recovered Volumes Estimated Weights, and Volumes Estimated Weights, and Volumes Estimated water recovered: BBL check - okay Saturated Soil = 4,200 lbs 38 cu. ft. 1 cu. yds. Total Liquid = 1 BBL 39 gallon 327 lbs Air Emission from flowline leaks: Volume of oil spill: - BBL Separator gas calculated: - MCF HC gas released: - MCF HC gas released from oil: - lb H2S release reportable? NO NO Gas released: - lb Total HC gas released: - lb	Total Solid/Liquid Volume:	1,125 sq. f	t. 38 cu. ft.	cu	ft.	Total Free Liquid Volume:	S	q. ft.	cu. ft.	cu.	ft.	
Liquid in Soil: 0.9 BBL 0.0 BB	Estimated Volumes	Spilled				Estimated Production	n Volumes Lost	<u>t</u>				
Free Liquid: Totals: 0.0 BBL 0.0 BBL 0.0 BBL 0.0 BBL 0.0 BBL Surface Area: 1,125 sq. ft. Total Liquid Spill Liquid: Estimated Surface Area: 1,125 sq. ft. Surface Area: 0.258 acre Estimated Weights, and Volumes Estimated Weights, and Volumes Estimated Soil = 4,200 lbs 38 cu. ft. 1 cu. yds. Estimated water recovered: BBL check - okay Saturated Soil = 4,200 lbs 38 cu. ft. 1 cu. yds. Total Liquid = 1 BBL 39 gallon 327 lbs Air Emission from flowline leaks: Volume of oil spill: Separator gas calculated: Volume of oil spill: Separator gas calculated: HC gas release reportable? NO NO Separator gas released: HC gas released: HC gas released: HC gas released: HC gas released: NO NO NO NO Texas NO	12. 11					For the LD of						
Totals: 0.9 BBL 0.0 BBL 0.0 BBL Surface Area: 1,125 sq. ft. Total Liquid Spill Liquid: 0.9 BBL 0.00 BBL Surface Area: .0258 acre Recovered Volumes Estimated Weights, and Volumes Estimated Soil = 4,200 lbs 38 cu. ft. 1 cu. yds. Estimated water recovered: BBL check - okay Check - okay Total Liquid = 1 BBL 39 gallon 327 lbs Air Emission from flowline leaks: Volume of oil spill: - BBL Separator gas calculated: - MCF Separator gas calculated: - MCF Separator gas released: - MCF Gas released from oil: - lb H2S released: - lb Total HC gas released: - lb Total HC gas released: - lb Total HC gas released: - lb					Estimated Production Spilled.			.U BBL	0.0 BB	L		
Total Liquid Spill Liquid: BBL 0.00 BBL Surface Area: .0258 acre												
Estimated volumes Estimated Weights, and Volumes Estimated oil recovered: BBL check - okay check - okay Total Liquid = 4,200 lbs 38 cu. ft. 1 cu. yds. 237 lbs Air Emission from flowline leaks: Volume of oil spill: - BBL Separator gas calculated: - MCF HC gas released rom oil: - lb H2S released from oil: - lb H2S released: - lb Total HC gas released: - lb Total HC gas released: - lb Total HC gas released: - lb						Surface Area:	1,125 s	q. ft.				
Estimated oil recovered: BBL check - okay Saturated Soil = 4,200 lbs 38 cu. ft. 1 cu. yds. Estimated water recovered: BBL check - okay Total Liquid = 1 BBL 39 gallon 327 lbs Air Emission from flowline leaks: Volume of oil spill: - BBL Separator gas calculated: - MCF HC gas release reportable? NO NO Separator gas released: - MCF H2S release from oil: - lb H2S released: - lb Total HC gas released: - lb Total HC gas released: - lb	Total Liquid Spill	Liquid:	0.9 BBL	0.00 BE	L	Surface Area:	.0258 a	cre				
Estimated water recovered: BBL check - okay Total Liquid = 1 BBL 39 gallon 327 lbs Air Emission from flowline leaks: Volume of oil spill: - BBL Separator gas calculated: - MCF Separator gas released: - MCF Gas released from oil: - Ib H2S released: - Ib Total HC gas released: - Ib	Recovered Volur	mes				Estimated Weights,	and Volumes					
Estimated water recovered: BBL check - okay Total Liquid = 1 BBL 39 gallon 327 lbs Air Emission from flowline leaks: Volume of oil spill: - BBL Separator gas calculated: - MCF Separator gas released: - MCF Gas released from oil: - Ib H2S released: - Ib Total HC gas released: - Ib	Except #					0-11 - 1 0 "						
Air Emission from flowline leaks: Volume of oil spill: Separator gas calculated: Gas released from oil: H2S released: H2S released: Total HC gas released: I b Total HC gas released: Air Emission of Reporting Requirements: New Mexico NO NO NO NO NO NO NO NO NO N												
Volume of oil spill: - BBL New Mexico Texas Separator gas calculated: - MCF HC gas release reportable? NO NO Separator gas released: - MCF H2S release reportable? NO NO Gas released from oil: - Ib H2S released: - Ib Total HC gas released: - Ib	Estimated water recovered.	DDL	Criec	r - Oray		Total Liquid =	1 6	DL .	yalloll	327 105		
Volume of oil spill: - BBL New Mexico Texas Separator gas calculated: - MCF HC gas release reportable? NO NO Separator gas released: - MCF H2S release reportable? NO NO Gas released from oil: - Ib H2S released: - Ib Total HC gas released: - Ib												
Separator gas calculated: - MCF HC gas release reportable? NO NO Separator gas released: - MCF H2S release reportable? NO NO Gas released from oil: - Ib H2S released: - Ib Total HC gas released: - Ib				·	· <u> </u>	Air Emission of Reporti		its:				
Separator gas released: - MCF Gas released from oil: - Ib H2S release reportable? NO NO NO NO Total HC gas released: - Ib												
Gas released from oil: - Ib H2S released: - Ib Total HC gas released: - Ib												
H2S released: - Ib Total HC gas released: - Ib						rizo release reportable?	NO		NO			
Total HC gas released: - Ib												