	on of spill	: COG Tr	easure Island	d Federa	al #001H	_	Date of Spill:	26-Jun-2	2019		
			· · · ·				n equipment, i.e wellhead	· · · · ·			
		flov	vline, tank ba	ttery, pr	oduction vessel		pump, or storage tank place	an "X" here: X			
						Input	Data:	OIL:	WATER:		
							own enter the volumes here:	0.0 BBL			
If "known" spill volumes are given, input data for the following "Area Cal 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	15 ft		40 ft	Х	0.75 in	0%	Rectangle Area #1	0 ft	X 0 ft	X 0 in	C
Rectangle Area #2 Rectangle Area #3	0 ft 0 ft	X X	0 ft 0 ft	X X	0 in 0 in	0% 0%	Rectangle Area #2 Rectangle Area #3		X 0 ft X 0 ft		( (
Rectangle Area #4	0 ft	x	0 ft	x	0 in	0%	Rectangle Area #4		X Oft		
Rectangle Area #5	0 ft	Х	0 ft	Х	0 in	0%	Rectangle Area #5	0 ft	X 0 ft	X 0 in	(
Rectangle Area #6	0 ft	X	0 ft	X	0 in	0%	Rectangle Area #6		X Oft		0
Rectangle Area #7 Rectangle Area #8	0 ft 0 ft	X X	0 ft 0 ft	X X	0 in 0 in	0% 0%	Rectangle Area #7 Rectangle Area #8	0 ft 0 ft			(
			produ	ction sv	/stem leak - D/	okay All Y PRO	DUCTION DATA REQUIRE	D			
Average Daily Production:	Oil 0	BBL \	Water 0	BBL		(MCFD)					
				_			Total Hydrocarbon C		(1		
Did leak occur before the sepa	rator?:	YE	S	N/A	(place an "X"	")	H2S Content in P H2S Content in				
Amount of Free Liquid Recovered:	0 BE	L		okay			Percentage of Oil	in Free Liquid	6 (percentage)		
-								Recovered:	(percentage)		
Liquid holding factor *:	<mark>0.14</mark> ga	l per gal			ng when the spill w			Use the following whe	the liquid completely f	ills the pore space of the	
Liquid holding factor *:	<mark>0.14</mark> ga	l per gal	* San	d = <b>0.08</b>	gallon (gal.) liquid	per gal. volu	ume of soil.	Use the following whe   Occurs when the spill	the liquid completely f	d by barriers, natural (or	
Liquid holding factor *:	0.14 ga	l per gal	* San * Gra	d = <b>0.08</b> velly (cali	gallon (gal.) liquid	per gal. volu Jal. liquid per	ume of soil. r gal. volume of soil.	Kecovered: Use the following whe Occurs when the spill * Clay loam = 0.20 gal * Gravelly (caliche) loa	the liquid completely f soaked soil is contained liquid per gal. volume im = <b>0.25</b> gal. liquid per	d by barriers, natural (or of soil. r gal. volume of soil.	
Liquid holding factor *:	0.14 ga	l per gal	* San * Gra * San	d = <b>0.08</b> velly (calio dy clay lo	gallon (gal.) liquid che) loam = <b>0.14</b> g	per gal. volu jal. liquid per liquid per ga	ume of soil. r gal. volume of soil. al. volume of soil.	Kecovered: Use the following whe Occurs when the spill * Clay loam = 0.20 gal * Gravelly (caliche) loa	the liquid completely f soaked soil is contained liquid per gal. volume	d by barriers, natural (or of soil. r gal. volume of soil.	
Liquid holding factor *:	0.14 ga 600 sq		* San * Gra * San	d = 0.08 velly (calio dy clay lo v loam = 0	gallon (gal.) liquid che) loam = <b>0.14</b> g am soil = <b>0.14</b> gal	per gal. volu Jal. liquid per liquid per ga gal. volume	ume of soil. r gal. volume of soil. al. volume of soil.	Kecovered: Use the following whe Occurs when the spill * Clay loam = 0.20 gal * Gravelly (caliche) loa	n the liquid completely f soaked soil is contained liquid per gal. volume im = 0.25 gal. liquid per l. liquid per gal. volume	d by barriers, natural (or of soil. r gal. volume of soil. e of soil.	
	600 sq		* San * Gra * San * Clay <b>38 cu. f</b>	d = 0.08 velly (calio dy clay lo v loam = 0	gallon (gal.) liquid che) loam = 0.14 g am soil = 0.14 gal 0.16 gal. liquid per Cu. 1	per gal. volu Jal. liquid per liquid per ga gal. volume	ıme of soil. r gal. volume of soil. ıl. volume of soil. of soil.	Recovered: <u>Use the following whe</u> Occurs when the spill * Clay loam = <b>0.20</b> gal * Gravelly (caliche) loa * Sandy loam = <b>0.5</b> ga <b>Sq.</b>	the liquid completely f soaked soil is contained liquid per gal. volume m = 0.25 gal. liquid per l. liquid per gal. volume t. cu.	d by barriers, natural (or of soil. r gal. volume of soil. of soil. <b>ft. Ct</b>	not).
Total Solid/Liquid Volume: Estimated Volumes	600 sq Spilled in Soil:		* San * Gra * San * Clay 38 cu. f <u>H20</u> 0.9 BBL	d = 0.08 velly (calio dy clay lo v loam = 0	gallon (gal.) liquid che) loam = 0.14 g lam soil = 0.14 gal 0.16 gal. liquid per Cu. 1 OIL 0.0 BBL	per gal. volu ¡al. liquid per liquid per ga gal. volume <b>ft.</b>	ime of soil. r gal. volume of soil. al. volume of soil. of soil. Total Free Liquid Volume:	Recovered: Use the following whe Occurs when the spill * Clay loam = 0.20 gal * Gravelly (caliche) loa * Sandy loam = 0.5 ga sq. N Volumes Lost	n the liquid completely f soaked soil is contained liquid per gal. volume im = 0.25 gal. liquid per l. liquid per gal. volume	d by barriers, natural (or of soil. r gal. volume of soil. e of soil. ft. ct OIL	not). J. ft.
Total Solid/Liquid Volume: Estimated Volumes Liquid Free	600 sq Spilled		* San * Gra * San * Clay 38 cu. f	d = 0.08 velly (calid dy clay lo v loam = 0	gallon (gal.) liquid che) loam = 0.14 g lam soil = 0.14 gal 0.16 gal. liquid per Cu. 1	per gal. volu  al. liquid per liquid per ga gal. volume <b>ft.</b>	ime of soil. rgal. volume of soil. al. volume of soil. of soil. Total Free Liquid Volume: <u>Estimated Production</u>	Recovered: <u>Use the following whe</u> Occurs when the spill * Clay loam = 0.20 gal * Gravelly (caliche) loa * Sandy loam = 0.5 ga sq. h Volumes Lost uction Spilled:	the liquid completely f soaked soil is contained liquid per gal. volume m = 0.25 gal. liquid per l. liquid per gal. volume it. cu. <u>H20</u> 0.0 BBL	d by barriers, natural (or of soil. r gal. volume of soil. e of soil. ft. ct OIL	not). J. ft.
Total Solid/Liquid Volume: Estimated Volumes Liquid Free	600 sq Spilled in Soil: Liquid: Totals:		* San * Gra * San * Clay 38 cu. f <u>H2O</u> 0.9 BBL 0.0 BBL	d = 0.08 velly (calid dy clay lo / loam = 0 tt.	gallon (gal.) liquid che) loam = 0.14 ga aam soil = 0.14 gal 0.16 gal. liquid per Cu. 1 0.0 BBL 0.0 BBL 0.0 BBL	per gal. volu lal. liquid per ga gal. volume ft.	ime of soil. rgal. volume of soil. al. volume of soil. of soil. Total Free Liquid Volume: <u>Estimated Production</u> Estimated Produ	Recovered: Use the following whe Occurs when the spill * Clay loam = 0.20 gal * Gravelly (caliche) loa * Sandy loam = 0.5 gal sq. Nolumes Lost uction Spilled: ce Damage	the liquid completely f soaked soil is contained. liquid per gal. volume m = 0.25 gal. liquid per l. liquid per gal. volume it. cu. <u>H20</u> 0.0 BBL	d by barriers, natural (or of soil. r gal. volume of soil. e of soil. ft. ct OIL	not). J. ft.
Total Solid/Liquid Volume: <u>Estimated Volumes</u> Liquid Free	600 sq Spilled in Soil: Liquid: Totals: Liquid:		* San * Grat * San * Clay 38 cu. f <u>H20</u> 0.9 BBL 0.9 BBL 0.9 BBL	d = 0.08 velly (calid dy clay lo / loam = 0 tt.	gallon (gal.) liquid che) loam = 0.14 gal sam soil = 0.14 gal .16 gal. liquid per cu. 1 0.0 BBL 0.0 BBL 0.0 BBL	per gal. volu lal. liquid per ga gal. volume ft.	ime of soil. rgal. volume of soil. al. volume of soil. of soil. Total Free Liquid Volume: <u>Estimated Production</u> Estimated Prodi <u>Estimated Surfac</u>	Recovered: Use the following whe Occurs when the spill * Clay loam = 0.20 gal * Gravelly (caliche) loa * Sandy loam = 0.5 ga sq. n Volumes Lost uction Spilled: ce Damage 600 sq. f .0138 acre	the liquid completely f soaked soil is contained. liquid per gal. volume m = 0.25 gal. liquid per l. liquid per gal. volume it. cu. <u>H20</u> 0.0 BBL	d by barriers, natural (or of soil. r gal. volume of soil. e of soil. ft. ct OIL	not). J. ft.
Total Solid/Liquid Volume: Estimated Volumes Liquid Free Total Liquid Spill	600 sq Spilled in Soil: Liquid: Totals: Liquid:	. ft.	* San * Gra * San * Clay 38 cu. f 0.9 BBL 0.9 BBL 0.9 BBL	d = 0.08 velly (calid dy clay lo / loam = 0 tt.	gallon (gal.) liquid che) loam = 0.14 gal sam soil = 0.14 gal .16 gal. liquid per cu. 1 0.0 BBL 0.0 BBL 0.0 BBL 0.0 BBL	per gal. volu lal. liquid per ga gal. volume ft.	ime of soil. rgal. volume of soil. al. volume of soil. of soil. Total Free Liquid Volume: <u>Estimated Production</u> Estimated Produ <u>Estimated Surface</u> Surface Area: Surface Area:	Recovered: Use the following whe Occurs when the spill * Clay loam = 0.20 gal * Gravelly (caliche) loa * Sandy loam = 0.5 ga sq. n Volumes Lost uction Spilled: ce Damage 600 sq. f .0138 acre	the liquid completely f soaked soil is contained. liquid per gal. volume m = 0.25 gal. liquid per l. liquid per gal. volume it. cu. <u>H20</u> 0.0 BBL	d by barriers, natural (or of soil. r gal. volume of soil. of soil. <b>ft. cu</b> 	not). J. ft.
Total Solid/Liquid Volume: <u>Estimated Volumes</u> Liquid Free Total Liquid Spill <u>Recovered Volum</u>	600 sq Spilled in Soil: Liquid: Totals: Liquid: nes	. ft.	* San * Gra * San * Clay 38 cu. f 0.9 BBL 0.9 BBL 0.9 BBL 0.9 BBL	d = 0.08 velly (calid dy clay lo loam = 0 t.	gallon (gal.) liquid che) loam = 0.14 gal J.16 gal. liquid per cu. 1 <u>OIL</u> 0.0 BBL 0.0 BBL 0.0 BBL 0.0 BBL	per gal. volu lal. liquid per ga gal. volume ft.	ime of soil. rgal. volume of soil. al. volume of soil. of soil. Total Free Liquid Volume: <u>Estimated Production</u> Estimated Prodi <u>Estimated Surface Area:</u> Surface Area: Surface Area:	Recovered: Use the following whe Occurs when the spill * Clay loam = 0.20 gal * Gravelly (caliche) loa * Sandy loam = 0.5 gal sq. N Volumes Lost uction Spilled: ce Damage 600 sq. 1 .0138 acree and Volumes	the liquid completely f soaked soil is contained liquid per gal. volume m = 0.25 gal. liquid per l. liquid per gal. volume it. cu. <u>H2O</u> 0.0 BBL	d by barriers, natural (or of soil. r gal. volume of soil. of soil. <b>ft. cu</b> - <u>OIL</u> - <u>0.0</u> Bl	not). <b>1. ft.</b> 3L 1. yds.
Total Solid/Liquid Volume: <u>Estimated Volumes</u> Liquid Free Total Liquid Spill <u>Recovered Volun</u> Estimated oil recovered: Estimated water recovered:	600 sq Spilled in Soil: Liquid: Totals: Liquid: nes BE BE	. ft.	* San * Gra * San * Clay 38 cu. f 0.9 BBL 0.9 BBL 0.9 BBL 0.9 BBL	d = 0.08 velly (calid dy clay lo r loam = 0 t.	gallon (gal.) liquid che) loam = 0.14 gal J.16 gal. liquid per cu. 1 <u>OIL</u> 0.0 BBL 0.0 BBL 0.0 BBL 0.0 BBL	per gal. volu lal. liquid per ga gal. volume ft.	ime of soil. rgal. volume of soil. al. volume of soil. Total Free Liquid Volume: <u>Estimated Production</u> Estimated Produ <u>Estimated Surface Area:</u> Surface Area: <u>Surface Area:</u> <u>Estimated Weights,</u> Saturated Soil = Total Liquid =	Recovered: Use the following whe Occurs when the spill * Clay loam = 0.20 gal * Gravelly (caliche) loa * Sandy loam = 0.5 gal sq. n Volumes Lost uction Spilled: 20 Damage 600 sq. 1 .0138 acree and Volumes 4,200 lbs 1 BBL	the liquid completely f soaked soil is contained liquid per gal. volume in = 0.25 gal. liquid per l. liquid per gal. volume it. cu. <u>H20</u> 0.0 BBL t. 38 cu. 39 gall	d by barriers, natural (or of soil. r gal. volume of soil. of soil. <b>ft. cu</b> - <u>OIL</u> - <u>0.0</u> Bl	not). . ft. BL I. yds.
Total Solid/Liquid Volume: <u>Estimated Volumes</u> Liquid Free Total Liquid Spill <u>Recovered Volum</u> Estimated oil recovered:	600 sq Spilled in Soil: Liquid: Totals: Liquid: nes BE BE	. ft. 8L 8L	* San * Gra * San * Clay 38 cu. f 0.9 BBL 0.9 BBL 0.9 BBL 0.9 BBL	d = 0.08 velly (calid dy clay lo r loam = 0 t.	gallon (gal.) liquid che) loam = 0.14 gal J.16 gal. liquid per cu. 1 <u>OIL</u> 0.0 BBL 0.0 BBL 0.0 BBL 0.0 BBL	per gal. volu liquid per ga gal. volume ft.	ime of soil. rgal. volume of soil. al. volume of soil. Total Free Liquid Volume: <u>Estimated Production</u> Estimated Produ <u>Estimated Surfac</u> Surface Area: Surface Area: Surface Area: Surface Area: Surface Area: Surface Area: <u>Estimated Weights,</u> Saturated Soil = Total Liquid =	Recovered: Use the following whe Occurs when the spill * Clay loam = 0.20 gal * Gravelly (caliche) loa * Sandy loam = 0.5 ga Sq. * Notema State State State State State State State State State State State State State State State State Sta	the liquid completely f soaked soil is contained liquid per gal. volume m= 0.25 gal. liquid per l. liquid per gal. volume ft. cu. <u>H2O</u> 0.0 BBL t. 38 cu. 39 gall	d by barriers, natural (or of soil. r gal. volume of soil. of soil. <b>ft. cu</b> - <b>OIL</b> - <b>0.0</b> Bl ft. 1 cu on 327 lb:	not). . ft. BL I. yds.
Total Solid/Liquid Volume: <u>Estimated Volumes</u> Liquid Free Total Liquid Spill <u>Recovered Volum</u> Estimated oil recovered: Estimated water recovered: <u>Air Emission from flowl</u> Volume of oil spill: Separator gas calculated:	600 sq Spilled Liquid: Totals: Liquid: Liquid: BE BE BE BE BE BE BE BE BE BE BE BE BE	. ft. 	* San * Gra * San * Clay 38 cu. f 0.9 BBL 0.9 BBL 0.9 BBL 0.9 BBL	d = 0.08 velly (calid dy clay lo r loam = 0 t.	gallon (gal.) liquid che) loam = 0.14 gal J.16 gal. liquid per cu. 1 <u>OIL</u> 0.0 BBL 0.0 BBL 0.0 BBL 0.0 BBL	per gal. volu liquid per ga gal. volume ft.	ime of soil. rgal. volume of soil. al. volume of soil. of soil. Total Free Liquid Volume: <u>Estimated Production</u> Estimated Produ <u>Estimated Surfac</u> Surface Area: Surface Area: Surface Area: Surface Area: Surface Area: <u>Estimated Weights,</u> Saturated Soil = Total Liquid = <u>Air Emission of Reporti</u> HC gas release reportable?	Recovered: Use the following whe Occurs when the spill * Clay loam = 0.20 gal * Gravelly (caliche) loa * Sandy loam = 0.5 gal sq. n Volumes Lost uction Spilled: ce Damage 600 sq. 1 .0138 acree and Volumes 4,200 lbs 1 BBL ng Requirements New Mexico NO	the liquid completely f soaked soil is contained. liquid per gal. volume in = 0.25 gal. liquid per l. liquid per gal. volume ft. cu. H2O 0.0 BBL t. 38 cu. 39 gall	d by barriers, natural (or of soil. r gal. volume of soil. e of soil. <b>ft. cu</b> <b>. . . . . . . . . .</b>	not). . ft. BL I. yds.
Total Solid/Liquid Volume: <u>Estimated Volumes</u> Liquid Free Total Liquid Spill <u>Recovered Volun</u> Estimated oil recovered: Estimated water recovered: <u>Air Emission from flow</u> Volume of oil spill: Separator gas calculated: Separator gas calculated:	600 sq Spilled Liquid: Totals: Liquid: Liquid: BE BE BE BE BE BE BE BE BE BE BE BE BE	. ft. 	* San * Gra * San * Clay 38 cu. f 0.9 BBL 0.9 BBL 0.9 BBL 0.9 BBL	d = 0.08 velly (calid dy clay lo r loam = 0 t.	gallon (gal.) liquid che) loam = 0.14 gal J.16 gal. liquid per cu. 1 <u>OIL</u> 0.0 BBL 0.0 BBL 0.0 BBL 0.0 BBL	per gal. volu liquid per ga gal. volume ft.	ime of soil. rgal. volume of soil. al. volume of soil. Total Free Liquid Volume: <u>Estimated Production</u> Estimated Produ <u>Estimated Surfac</u> Surface Area: Surface Area: Surface Area: Surface Area: Surface Area: Surface Area: <u>Estimated Weights,</u> Saturated Soil = Total Liquid =	Recovered: Use the following whe Occurs when the spill * Clay loam = 0.20 gal * Gravelly (caliche) loa * Sandy loam = 0.5 gal sq. n Volumes Lost uction Spilled: ce Damage 600 sq. 1 .0138 acree and Volumes 4,200 lbs 1 BBL ng Requirements New Mexico NO	the liquid completely f soaked soil is contained liquid per gal. volume m= 0.25 gal. liquid per l. liquid per gal. volume ft. cu. <u>H2O</u> 0.0 BBL t. 38 cu. 39 gall	d by barriers, natural (or of soil. r gal. volume of soil. e of soil. <b>ft. cu</b> <b>. . . . . . . . . .</b>	not). <b>J. ft.</b> BL I. yds.
Total Solid/Liquid Volume: <u>Estimated Volumes</u> Liquid Free Total Liquid Spill <u>Recovered Volum</u> Estimated oil recovered: Estimated water recovered: <u>Air Emission from flowl</u> Volume of oil spill: Separator gas calculated: Separator gas released: Gas released from oil:	600 sq Spilled in Soil: Liquid: Totals: Liquid: Mes BE BE BE BE BE BE BE BE BE BE BE BE BE	. ft. 	* San * Gra * San * Clay 38 cu. f 0.9 BBL 0.9 BBL 0.9 BBL 0.9 BBL	d = 0.08 velly (calid dy clay lo r loam = 0 t.	gallon (gal.) liquid che) loam = 0.14 gal J.16 gal. liquid per cu. 1 <u>OIL</u> 0.0 BBL 0.0 BBL 0.0 BBL 0.0 BBL	per gal. volu liquid per ga gal. volume ft.	ime of soil. rgal. volume of soil. al. volume of soil. of soil. Total Free Liquid Volume: <u>Estimated Production</u> Estimated Produ <u>Estimated Surfac</u> Surface Area: Surface Area: Surface Area: Surface Area: Surface Area: <u>Estimated Weights,</u> Saturated Soil = Total Liquid = <u>Air Emission of Reporti</u> HC gas release reportable?	Recovered: Use the following whe Occurs when the spill * Clay loam = 0.20 gal * Gravelly (caliche) loa * Sandy loam = 0.5 gal sq. n Volumes Lost uction Spilled: ce Damage 600 sq. 1 .0138 acree and Volumes 4,200 lbs 1 BBL ng Requirements New Mexico NO	the liquid completely f soaked soil is contained. liquid per gal. volume in = 0.25 gal. liquid per l. liquid per gal. volume ft. cu. H2O 0.0 BBL t. 38 cu. 39 gall	d by barriers, natural (or of soil. r gal. volume of soil. e of soil. <b>ft. cu</b> <b>. . . . . . . . . .</b>	not). . ft. BL I. yds.
Total Solid/Liquid Volume: <u>Estimated Volumes</u> Liquid Free Total Liquid Spill <u>Recovered Volun</u> Estimated oil recovered: Estimated water recovered: <u>Air Emission from flowl</u> Volume of oil spill: Separator gas calculated: Separator gas released:	600 sq Spilled Liquid: Totals: Liquid: Liquid: BE BE BE BE BE BE BE BE BE BE BE BE BE	. ft. 	* San * Gra * San * Clay 38 cu. f 0.9 BBL 0.9 BBL 0.9 BBL 0.9 BBL	d = 0.08 velly (calid dy clay lo r loam = 0 t.	gallon (gal.) liquid che) loam = 0.14 gal J.16 gal. liquid per cu. 1 <u>OIL</u> 0.0 BBL 0.0 BBL 0.0 BBL 0.0 BBL	per gal. volu liquid per ga gal. volume ft.	ime of soil. rgal. volume of soil. al. volume of soil. of soil. Total Free Liquid Volume: <u>Estimated Production</u> Estimated Produ <u>Estimated Surfac</u> Surface Area: Surface Area: Surface Area: Surface Area: Surface Area: <u>Estimated Weights,</u> Saturated Soil = Total Liquid = <u>Air Emission of Reporti</u> HC gas release reportable?	Recovered: Use the following whe Occurs when the spill * Clay loam = 0.20 gal * Gravelly (caliche) loa * Sandy loam = 0.5 gal sq. n Volumes Lost uction Spilled: ce Damage 600 sq. 1 .0138 acree and Volumes 4,200 lbs 1 BBL ng Requirements New Mexico NO	the liquid completely f soaked soil is contained. liquid per gal. volume in = 0.25 gal. liquid per l. liquid per gal. volume ft. cu. H2O 0.0 BBL t. 38 cu. 39 gall	d by barriers, natural (or of soil. r gal. volume of soil. e of soil. <b>ft. cu</b> <b>. . . . . . . . . .</b>	not). <b>1. ft.</b> BL I. yds.