Location of spill:	Jassbass 3	34 Federa	I #003H		Date of Spill:	4-Oct-2	019		
	If the leak/s	spill is as	sociated with p	roductio	n equipment , i.e wellhead,	stuffing box,			
	flowline, tank t	battery, pr	oduction vessel,	transfer	oump, or storage tank place	an "X" here: X			
				Input	Data:	OIL:	WATER:		
		-			own enter the volumes here:	0.0 BBL	0.0 BBL		
	es are given, inputer of the second sec		r the following "	'Area Ca	Iculations" is optional. The		ide the calculated view of the calculations	olumes.	
		5	wet soil						
Total Surface Area width Rectangle Area #1 20 ft	length 20 ft	Х	depth 2.00 in	oil (%) 30%	Standing Liquid Area Rectangle Area #1	width 0 ft	length X 0 ft X	liquid depth	0il (%
	X O ft	x	0 in	0%	Rectangle Area #2	0 ft			C
	X 0 ft	Х	0 in	0%	Rectangle Area #3	0 ft			0
	X Oft	X	0 in	0%	Rectangle Area #4	0 ft			C
	X 0 ft X 0 ft	X X	0 in 0 in	0% 0%	Rectangle Area #5 Rectangle Area #6	0 ft 0 ft			0
	X Oft	x	0 in	0%	Rectangle Area #7	0 ft			C
Rectangle Area #8 0 ft		X	0 in	0%	Rectangle Area #8	0 ft			Q
				okay					
	proc	luction sy	ystem leak - DA		DUCTION DATA REQUIRED)			
Average Daily Production: Oil 0	BBL Water	0 BBL	0 Gas	(MCFD)	Total Hydrocarbon Co	ontent in gas: 09	6 (percentage)		
Did leak occur before the separator?:	YES	N/A	(place an "X")		H2S Content in Pr				
Ju leak occur belore the separator :	123	N/A	(place all X)		H2S Content in T				
Amount of Free Liquid Recovered: 0 BBL		okay			Percentage of Oil in	n Free Liquid Recovered:	6 (percentage)		
Liquid holding factor *: 0.14 gal	-		ng when the spill we	-	is of the soil.	Jse the following whe	the liquid completely fills	s the pore space of the	
		and = 0.08							
	* G	ravelly (cali	gallon (gal.) liquid po			Occurs when the spill	soaked soil is contained b		ot).
			che) loam = 0.14 gal	I. liquid per	gal. volume of soil.	Occurs when the spill Clay loam = 0.20 gal	liquid per gal. volume of	soil.	ot).
	* S	andy clay lo		I. liquid per quid per ga	gal. volume of soil.	Dccurs when the spill ^a Clay loam = 0.20 gal ^b Gravelly (caliche) loa		soil. al. volume of soil.	ot).
Total Solid/Liquid Volume: 400 sq.	* S * C	andy clay lo Clay loam = (che) loam = 0.14 gal oam soil = 0.14 gal lie	I. liquid per quid per ga al. volume	gal. volume of soil.	Dccurs when the spill ^a Clay loam = 0.20 gal ^b Gravelly (caliche) loa	liquid per gal. volume of m = 0.25 gal. liquid per ga l. liquid per gal. volume of	soil. al. volume of soil. f soil.	
Total Solid/Liquid Volume: 400 sq. Estimated Volumes Spilled	*s *c ft. 47 cu	andy clay lo clay loam = (i. ft.	che) loam = 0.14 gal oam soil = 0.14 gal lid 0.16 gal. liquid per ga 20 cu. ft	I. liquid per quid per ga al. volume	gal. volume of soil. I. volume of soil. of soil.	Occurs when the spill Clay loam = 0.20 gal Gravelly (caliche) loa Sandy loam = 0.5 ga Sq. 1	liquid per gal. volume of m = 0.25 gal. liquid per ga . liquid per gal. volume of t. cu. ft.	soil. al. volume of soil. f soil.	
Estimated Volumes Spilled Liquid in Soil:	• s • c ft. 47 cu <u>H2C</u> 1.2 BE	iandy clay lo clay loam = (1. ft. <u>)</u> 3L	che) loam = 0.14 gal aam soil = 0.14 gal lie 0.16 gal. liquid per ga 20 cu. ft <u>OIL</u> 0.5 BBL	I. liquid per quid per ga al. volume	gal. volume of soil. I. volume of soil. of soil. Total Free Liquid Volume:	Occurs when the spill Clay loam = 0.20 gal Gravelly (caliche) loa Sandy loam = 0.5 ga Sq. 1 Volumes Lost	liquid per gal. volume of m = 0.25 gal. liquid per ga l. liquid per gal. volume of	soil. al. volume of soil. f soil.	ft.
Estimated Volumes Spilled	*s *c ft. 47 cu <u>H2C</u>	andy clay lo Clay loam = (ft.) BL 3L	che) loam = 0.14 gal bam soil = 0.14 gal lid 0.16 gal. liquid per ga 20 cu. ft <u>OIL</u>	I. liquid per quid per ga al. volume	gal. volume of soil. I. volume of soil. of soil. Total Free Liquid Volume: <u>Estimated Production</u> Estimated Produ <u>Estimated Surfac</u>	Cocurs when the spill Clay loam = 0.20 gal Gravelly (caliche) loa Sandy loam = 0.5 ga sq. : Volumes Lost ction Spilled: e Damage	liquid per gal. volume of m = 0.25 gal. liquid per gal. liquid per gal. volume of t. cu. ft. t. cu. ft. H20 0.0 BBL	soil. al. volume of soil. f soil. . Cu. OIL	ft.
<u>Estimated Volumes Spilled</u> Liquid in Soil: Free Liquid:	• s • c ft. 47 cu <u>H2C</u> 1.2 BE <u>0.0 BE</u>	andy clay lo clay loam = 0 n. ft. <u>)</u> BL BL BL BL BL	che) loam = 0.14 gal aam soil = 0.14 gal ii 0.16 gal. liquid per gr 20 cu. ft 0.5 BBL 0.0 BBL	I. liquid per quid per ga al. volume	gal. volume of soil. I. volume of soil. of soil. Total Free Liquid Volume: <u>Estimated Production</u> Estimated Produ	Cocurs when the spill Clay loam = 0.20 gai Gravelly (caliche) loa Sandy loam = 0.5 ga Sq. 1 Volumes Lost ction Spilled:	liquid per gal. volume of m = 0.25 gal. liquid per gal. liquid per gal. volume of t. cu. ft. <u>H20</u> 0.0 BBL t.	soil. al. volume of soil. f soil. . Cu. OIL	ft.
Estimated Volumes Spilled Liquid in Soil: Free Liquid: Totals: Total Liquid Spill Liquid:	• s • c ft. 47 cu 1.2 BE 0.0 BE 1.2 BE	andy clay lo clay loam = 0 n. ft. <u>)</u> BL BL BL BL BL	che) loam = 0.14 gal aam soil = 0.14 gal liq 0.16 gal. liquid per gr 20 cu. ft 0.5 BBL 0.5 BBL 0.5 BBL	I. liquid per quid per ga al. volume	gal. volume of soil. I. volume of soil. Total Free Liquid Volume: Estimated Production Estimated Produ <u>Estimated Surface Area:</u> Surface Area:	Cocurs when the spill Clay loam = 0.20 gal Gravelly (caliche) log Sandy loam = 0.5 ga Sq. 1 Volumes Lost ction Spilled: <u>e Damage</u> 400 sq. 1 .0092 acre	liquid per gal. volume of m = 0.25 gal. liquid per gal. liquid per gal. volume of t. cu. ft. <u>H20</u> 0.0 BBL t.	soil. al. volume of soil. f soil. . Cu. OIL	ft.
Estimated Volumes Spilled Liquid in Soil: Free Liquid: Totals: Total Liquid Spill Liquid: <u>Recovered Volumes</u>	• s • c ft. 47 cu 1.2 BE 0.0 BE 1.2 BE	iandy clay lo ilay loam = 0 i. ft. 2 3L 3L 3L 3L 3L	che) loam = 0.14 gal aam soil = 0.14 gal li 0.16 gal. liquid per ga 20 cu. ft 0.5 BBL 0.5 BBL 0.5 BBL 0.50 BBL	I. liquid per quid per ga al. volume	gal. volume of soil. I. volume of soil. of soil. Total Free Liquid Volume: Estimated Production Estimated Produc <u>Estimated Surface Area:</u> Surface Area: Surface Area: Estimated Weights,	Cocurs when the spill Clay loam = 0.20 gal Gravelly (caliche) loa Sandy loam = 0.5 ga sq. Volumes Lost ction Spilled: e Damage 400 sq. 1 .0092 acrea	liquid per gal. volume of m = 0.25 gal. liquid per ga l liquid per gal. volume of t. cu. ft. <u>H2O</u> 0.0 BBL t.	soil. al. volume of soil. f soil. . Cu. OIL 0.0 BB	ft.
Estimated Volumes Spilled Liquid in Soil: Free Liquid: Totals: Total Liquid Spill Liquid:	- s - s - c - s - s - s - s - s - s - s - s - s - s	andy clay lo clay loam = 0 n. ft. <u>)</u> BL BL BL BL BL	che) loam = 0.14 gal aam soil = 0.14 gal li 0.16 gal. liquid per gr 20 cu. ft 0.5 BBL 0.5 BBL 0.5 BBL 0.50 BBL	I. liquid per quid per ga al. volume	gal. volume of soil. I. volume of soil. Total Free Liquid Volume: Estimated Production Estimated Produ <u>Estimated Surface Area:</u> Surface Area:	Cocurs when the spill Clay loam = 0.20 gal Gravelly (caliche) log Sandy loam = 0.5 ga Sq. 1 Volumes Lost ction Spilled: <u>e Damage</u> 400 sq. 1 .0092 acre	liquid per gal. volume of m = 0.25 gal. liquid per gal. liquid per gal. volume of t. cu. ft. <u>H20</u> 0.0 BBL t.	soil. al. volume of soil. f soil. Cu. OIL 0.0 BB	ft.
Estimated Volumes Spilled Liquid in Soil: Free Liquid: Totals: Total Liquid Spill Liquid: <u>Recovered Volumes</u> Estimated oil recovered: BBI Estimated water recovered: BBI	- s - s - c - s - s - s - s - s - s - s - s - s - s	iandy clay lo ilay loam = 0 . ft. 31 31 31 31 31 31 31 31 31 31	che) loam = 0.14 gal aam soil = 0.14 gal li 0.16 gal. liquid per gr 20 cu. ft 0.5 BBL 0.5 BBL 0.5 BBL 0.50 BBL	I. liquid per quid per ga al. volume	gal. volume of soil. I. 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 =	Cocurs when the spill Clay loam = 0.20 gai Gravelly (caliche) loa Sandy loam = 0.5 gai sq. : Volumes Lost ction Spilled: e Damage 400 sq. 1 .0092 acrea and Volumes 7,467 lbs 2 BBL	liquid per gal. volume of m = 0.25 gal. liquid per ga liquid per gal. volume of t. cu. ft. <u>H20</u> 0.0 BBL t. 67 cu. ft. 70 gallon	soil. al. volume of soil. f soil. Cu. OIL 0.0 BB	ft.
Estimated Volumes Spilled Liquid in Soil: Free Liquid: Totals: Total Liquid Spill Liquid: <u>Recovered Volumes</u> Estimated oil recovered: BBI Estimated water recovered: BBI	• s • c ft. 47 cu 1.2 BE 0.0 BE 1.2 BE 1.2 BE	iandy clay lo ilay loam = 0 . ft. 31 31 31 31 31 31 31 31 31 31	che) loam = 0.14 gal aam soil = 0.14 gal li 0.16 gal. liquid per gr 20 cu. ft 0.5 BBL 0.5 BBL 0.5 BBL 0.50 BBL	I. liquid per quid per ga al. volume	gal. volume of soil. I. volume of soil. Total Free Liquid Volume: <u>Estimated Production</u> Estimated Produ <u>Estimated Surface Area:</u> Surface Area: Surface Area: Surface Area: Surface Area: Surface Area: Surface Area: <u>Estimated Weights,</u> Saturated Soil = Total Liquid =	Cocurs when the spill Clay loam = 0.20 gai Gravelly (caliche) loa Sandy loam = 0.5 gai sq. : Volumes Lost ction Spilled: e Damage 400 sq. 1 .0092 acrea and Volumes 7,467 lbs 2 BBL	liquid per gal. volume of m = 0.25 gal. liquid per gal. liquid per gal. volume of t. cu. ft. <u>H20</u> 0.0 BBL t. 67 cu. ft. 70 gallon	soil. al. volume of soil. f soil. Cu. OIL 0.0 BB 0.0 BB 0.0 BB 2 Cu. 581 lbs	ft.
Estimated Volumes Spilled Liquid in Soil: Free Liquid: Totals: Total Liquid Spill Liquid: <u>Recovered Volumes</u> Estimated oil recovered: BBI Estimated water recovered: BBI	• s • c ft. 47 cu 1.2 BE 0.0 BE 1.2 BE 1.2 BE 1.2 BE	iandy clay lo ilay loam = 0 . ft. 31 31 31 31 31 31 31 31 31 31	che) loam = 0.14 gal aam soil = 0.14 gal li 0.16 gal. liquid per gr 20 cu. ft 0.5 BBL 0.5 BBL 0.5 BBL 0.50 BBL	I. liquid per ga quid per ga al. volume	gal. volume of soil. I. volume of soil. Total Free Liquid Volume: <u>Estimated Production</u> Estimated Produ <u>Estimated Surface Area:</u> Surface Area: Surface Area: Surface Area: Surface Area: Surface Area: Surface Area: <u>Estimated Weights,</u> Saturated Soil = Total Liquid =	Cocurs when the spill Clay loam = 0.20 gal Gravelly (caliche) loa Sandy loam = 0.5 ga sq. i Volumes Lost ction Spilled: e Damage 400 sq. 1 .0092 acree and Volumes 7,467 lbs 2 BBL gReguirements New Mexico	liquid per gal. volume of m = 0.25 gal. liquid per ga liquid per gal. volume of t. cu. ft. <u>H20</u> 0.0 BBL t. 67 cu. ft. 70 gallon	soil. al. volume of soil. f soil. Cu. OIL 0.0 BB 0.0 BB 0.0 BB 2 Cu. 581 lbs	ft.
Estimated Volumes Spilled Liquid in Soil: Free Liquid: Totals: Total Liquid Spill Liquid: Recovered Volumes Estimated oil recovered: BBI Estimated water recovered: BBI Air Emission from flowline leaks: Volume of oil spill: BBI	• s • c ft. 47 cu 1.2 BE 0.0 BE 1.2 BE 1.2 BE 1.2 BE	iandy clay lo ilay loam = 0 . ft. 31 31 31 31 31 31 31 31 31 31	che) loam = 0.14 gal aam soil = 0.14 gal li 0.16 gal. liquid per gr 20 cu. ft 0.5 BBL 0.5 BBL 0.5 BBL 0.50 BBL	I. liquid per ga quid per ga al. volume	gal. volume of soil. I. volume of soil. of soil. Total Free Liquid Volume: <u>Estimated Production</u> Estimated Produ <u>Estimated Surface Area:</u> Surface Area: Surface Area: Surface Area: Surface Area: Surface Area: <u>Estimated Weights,</u> Saturated Soil = Total Liquid =	Cocurs when the spill Clay loam = 0.20 gal Gravelly (caliche) loa Sandy loam = 0.5 gat sq. : Volumes Lost ction Spilled: <u>e Damage</u> 400 sq. 1 .0092 acreand and Volumes 7,467 lbs 2 BBL 2 BBL 1000 Section 2 1000 Section 2 10	liquid per gal. volume of m = 0.25 gal. liquid per ga . liquid per gal. volume of t. cu. ft. <u>H20</u> 0.0 BBL t. 67 cu. ft. 70 gallon <u>Texas</u>	soil. al. volume of soil. f soil. Cu. OIL 0.0 BB 0.0 BB 0.0 BB 2 Cu. 581 lbs	ft.
Estimated Volumes Spilled Liquid in Soil: Free Liquid: Totals: Total Liquid Spill Liquid: Recovered Volumes Estimated oil recovered: BBI Estimated water recovered: BBI Separator gas calculated: Volume of oil spill: BBL Separator gas released: Gas released from oil: U	• s • c ft. 47 cu 1.2 BE 0.0 BE 1.2 BE 1.2 BE 1.2 BE	iandy clay lo ilay loam = 0 . ft. 31 31 31 31 31 31 31 31 31 31	che) loam = 0.14 gal aam soil = 0.14 gal li 0.16 gal. liquid per gr 20 cu. ft 0.5 BBL 0.5 BBL 0.5 BBL 0.50 BBL	I. liquid per ga quid per ga al. volume	gal. volume of soil. I. volume of soil. Total Free Liquid Volume: Estimated Production Estimated Production Estimated Production Surface Area: Surface Area: Surface Area: Surface Area: Surface Area: Mathemated Weights, Saturated Soil = Total Liquid = Air Emission of Reportir HC gas release reportable?	Cocurs when the spill Clay loam = 0.20 gal Gravelly (caliche) loa Sandy loam = 0.5 gat sq. : Volumes Lost ction Spilled: <u>e Damage</u> 400 sq. 1 .0092 acreand and Volumes 7,467 lbs 2 BBL 2 BBL 1000 Section 2 1000 Section 2 10	liquid per gal. volume of m = 0.25 gal. liquid per ga . liquid per gal. volume of t. cu. ft. <u>H2O</u> 0.0 BBL t. 67 cu. ft. 70 gallon <u>Texas</u> NO	soil. al. volume of soil. f soil. Cu. OIL 0.0 BB 0.0 BB 0.0 BB 2 Cu. 581 lbs	ft.
Estimated Volumes Spilled Liquid in Soil: Free Liquid: Totals: Total Liquid Spill Liquid: Recovered Volumes Estimated oil recovered: BBI Separator gas calculated: Separator gas released: Gas released from oil: H2S released: bb	• s • c ft. 47 cu 1.2 BE 0.0 BE 1.2 BE 1.2 BE 1.2 BE	iandy clay lo ilay loam = 0 . ft. 31 31 31 31 31 31 31 31 31 31	che) loam = 0.14 gal aam soil = 0.14 gal li 0.16 gal. liquid per gr 20 cu. ft 0.5 BBL 0.5 BBL 0.5 BBL 0.50 BBL	I. liquid per ga quid per ga al. volume	gal. volume of soil. I. volume of soil. Total Free Liquid Volume: Estimated Production Estimated Production Estimated Production Surface Area: Surface Area: Surface Area: Surface Area: Surface Area: Mathemated Weights, Saturated Soil = Total Liquid = Air Emission of Reportir HC gas release reportable?	Cocurs when the spill Clay loam = 0.20 gal Gravelly (caliche) loa Sandy loam = 0.5 gat sq. : Volumes Lost ction Spilled: <u>e Damage</u> 400 sq. 1 .0092 acreand and Volumes 7,467 lbs 2 BBL 2 BBL 1000 Section 2 1000 Section 2 10	liquid per gal. volume of m = 0.25 gal. liquid per ga . liquid per gal. volume of t. cu. ft. <u>H2O</u> 0.0 BBL t. 67 cu. ft. 70 gallon <u>Texas</u> NO	soil. al. volume of soil. f soil. Cu. OIL 0.0 BB 0.0 BB 0.0 BB 2 Cu. 581 lbs	ft.
Estimated Volumes Spilled Liquid in Soil: Free Liquid: Totals: Total Liquid Spill Liquid: Recovered Volumes Estimated oil recovered: BBI Estimated water recovered: BBI Molume of oil spill: - BBI Separator gas calculated: - MCC Separator gas released: - MCC Separator gas released: - MCC	• s • c ft. 47 cu 1.2 BE 0.0 BE 1.2 BE 1.2 BE 1.2 BE	iandy clay lo ilay loam = 0 . ft. 31 31 31 31 31 31 31 31 31 31	che) loam = 0.14 gal aam soil = 0.14 gal li 0.16 gal. liquid per gr 20 cu. ft 0.5 BBL 0.5 BBL 0.5 BBL 0.50 BBL	I. liquid per ga quid per ga al. volume	gal. volume of soil. I. volume of soil. Total Free Liquid Volume: Estimated Production Estimated Production Estimated Production Surface Area: Surface Area: Surface Area: Surface Area: Surface Area: Mathemated Weights, Saturated Soil = Total Liquid = Air Emission of Reportir HC gas release reportable?	Cocurs when the spill Clay loam = 0.20 gal Gravelly (caliche) loa Sandy loam = 0.5 gat sq. : Volumes Lost ction Spilled: <u>e Damage</u> 400 sq. 1 .0092 acreand and Volumes 7,467 lbs 2 BBL 2 BBL 1000 Section 2 1000 Section 2 10	liquid per gal. volume of m = 0.25 gal. liquid per ga . liquid per gal. volume of t. cu. ft. <u>H2O</u> 0.0 BBL t. 67 cu. ft. 70 gallon <u>Texas</u> NO	soil. al. volume of soil. f soil. Cu. OIL 0.0 BB 0.0 BB 0.0 BB 2 Cu. 581 lbs	ft.