| Location of | spill: | COG -Bucksho | ot State (| Com #3H | _ | Date of Spill: | 1-Nov-2 | 2019 | | | | |
|--|--|---|--|--|--|---|--|---|---|---|--|-------------|
| | | If the leak/sp | ill is ass | sociated with | - productio | n equipment, i.e wellhead | , stuffing box, | | | | | |
| | | flowline, tank ba | ittery, pro | oduction vesse | l, transfer | pump, or storage tank place | an "X" here: X | | | | | |
| | | | | | Input | Data: | | | | | | |
| If spill volumes | from meas | surement, i.e. me | etering, t | ank volumes, e | etc. are kn | own enter the volumes here: | OIL: 0.0 BBI | | ATER: 0.0 BI | BL | | |
| lf "known" spill | olumes a | re given, input | data for | the following | "Area Ca | Iculations" is optional. The | e above will over | ride the ca | alculate | ed vol | umes. | |
| Total Area Calculations wet soil | | | | | | Standing Liquid Calculations | | | | | | |
| Total Surface Area wid | | length | | depth | oil (%) | Standing Liquid Area | width | | ngth | | liquid depth | oil (|
| Rectangle Area #1 100 | | 5 ft 0 ft | X X | 3.00 in 0.00 in | 0% | Rectangle Area #1 | 0 ft 0 ft | X | 0 ft 0 ft | | 0 in | |
| 0 |)ft X)ft X | 0 ft | x | 0.00 in | 0% 0% | Rectangle Area #2 Rectangle Area #3 | | x | 0 ft | | 0 in 0 in | |
| | ft X | 0 ft | x | 0 in | 0% | Rectangle Area #4 | | X | 0 ft | | 0 in | (|
| Rectangle Area #5 | ft X | 0 ft | Х | 0 in | 0% | Rectangle Area #5 | | Х | 0 ft | | 0 in | (|
| 5 |)ft X | 0 ft | Х | 0 in | 0% | Rectangle Area #6 | | Х | 0 ft | | 0 in | (|
| |)ft X)ft X | 0 ft 0 ft | X X | 0 in 0 in | 0% 0% | Rectangle Area #7 Rectangle Area #8 | 0 ft 0 ft | X X | 0 ft 0 ft | | 0 in 0 in | |
| Amount of Free Liquid | BBL | | okay | | | Percentage of Oil | | % (perce | entage) | | | |
| Recovered: |)BBL ⊧ gal per g | * San * Gra * San | the followin nd = 0.08 welly (calio ndy clay lo | ng when the spill y gallon (gal.) liquid che) loam = 0.14 ga am soil = 0.14 gal .16 gal. liquid per | per gal. volu gal. liquid per liquid per ga | <u>is of the soil.</u> me of soil. gal. volume of soil. I. volume of soil. | In Free Liquid Recovered: Use the following whe Occurs when the spill * Clay loam = 0.20 ga * Gravelly (caliche) lo * Sandy loam = 0.5 ga | n the liquid o soaked soil i I. liquid per g am = 0.25 ga | completel is contair al. volum | ned by b ne of so per gal. | oarriers, natural (or n il. volume of soil. | |
| Recovered: | | * San * Gra * San | the followin ad = 0.08 velly (calid ady clay loa y loam = 0 | gallon (gal.) liquid che) loam = 0.14 ç am soil = 0.14 gal | per gal. volu gal. liquid per liquid per ga gal. volume | <u>is of the soil.</u> me of soil. gal. volume of soil. I. volume of soil. | Recovered: Use the following when Occurs when the spill * Clay loam = 0.20 gat * Gravelly (caliche) loa | n the liquid of soaked soil i I. liquid per g am = 0.25 ga al. liquid per g | completel is contair al. volum il. liquid p gal. volun | ned by b ne of so per gal. | oarriers, natural (or n il. volume of soil. | ot). |
| Recovered: | gal per g | * San * Gra * San * Clay 125 cu . 1 | the followin ad = 0.08 velly (calio ady clay loa y loam = 0 | gallon (gal.) liquid che) loam = 0.14 g am soil = 0.14 gal 1.16 gal. liquid per CU. | per gal. volu gal. liquid per liquid per ga gal. volume | is of the soil. me of soil. gal. volume of soil. I. volume of soil. of soil. | Recovered: Use the following whe Occurs when the spill * Clay loam = 0.20 ga * Gravelly (caliche) lo * Sandy loam = 0.5 ga sq. | n the liquid of soaked soil i I. liquid per g am = 0.25 ga al. liquid per g | completel is contair ial. volum il. liquid p gal. volum CL | ied by b ie of so per gal. ne of so | parriers, natural (or n il. volume of soil. bil. CU. | ot). |
| Recovered: Liquid holding factor *: 0.14 Total Solid/Liquid Volume: 500 Estimated Volumes Spiller | gal per ga 9 sq. ft . | * San * Gra * San * Clay 125 cu. 1 <u>H20</u> | the followin ad = 0.08 vvelly (calid ady clay loa y loam = 0 ft. | gallon (gal.) liquid che) loam = 0.14 g am soil = 0.14 gal .16 gal. liquid per cu. <u>OIL</u> | per gal. volu jal. liquid per liquid per ga gal. volume ft. | is of the soil, me of soil. gal. volume of soil. I. volume of soil. of soil. Total Free Liquid Volume: <u>Estimated Production</u> | Recovered: Use the following whe Occurs when the spill * Clay loam = 0.20 ga * Gravelly (caliche) lo * Sandy loam = 0.5 gr \$ q. Nolumes Lost | n the liquid of soaked soil i I. liquid per g am = 0.25 ga al. liquid per g | completel is contair al. volum II. liquid p gal. volum CL | ned by b ne of so per gal. ne of so 1. ft. | parriers, natural (or n il. volume of soil. bil. Cu. <u>OIL</u> | ot). ft. |
| Recovered: 0.14 Liquid holding factor *: 0.14 Total Solid/Liquid Volume: 500 <u>Estimated Volumes Spiller</u> Liquid in Soil Free Liquid | gal per g: sq. ft. | * San * Gra * San * Clay 125 cu. 1 <u>H20</u> 3.1 BBL 0.0 BBL | the followin d = 0.08 vvelly (calid vdy clay load y loam = 0 ft. | gallon (gal.) liquid che) loam = 0.14 ga am soil = 0.14 ga .16 gal. liquid per cu. <u>OIL</u> 0.0 BBL 0.0 BBL | per gal. volu gal. liquid per liquid per ga gal. volume ft. | is of the soil, me of soil. gal. volume of soil. I. 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 ga * Gravelly (caliche) lo * Sandy loam = 0.5 ga sq. NOULTING LOST uction Spilled: | n the liquid of soaked soil i I. liquid per g am = 0.25 ga al. liquid per g | completel is contair ial. volum il. liquid p gal. volum CL | ned by b ne of so per gal. ne of so 1. ft. | parriers, natural (or n il. volume of soil. bil. CU. | ot). ft. |
| Recovered: 0.14 Liquid holding factor *: 0.14 Total Solid/Liquid Volume: 500 Estimated Volumes Spiller Liquid in Soil | gal per g: sq. ft. | * San * Gra * San * Clay 125 cu. 1 <u>H20</u> 3.1 BBL | the followin d = 0.08 vvelly (calid vdy clay load y loam = 0 ft. | gallon (gal.) liquid che) loam = 0.14 ga am soil = 0.14 gal .16 gal. liquid per cu. <u>OIL</u> 0.0 BBL | per gal. volu gal. liquid per liquid per ga gal. volume ft. | is of the soil, me of soil. gal. volume of soil. I. volume of soil. of soil. Total Free Liquid Volume: <u>Estimated Production</u> | Recovered: Use the following whe Occurs when the spill * Clay loam = 0.20 ga * Gravelly (caliche) lo * Sandy loam = 0.5 ga sq. NOULTING LOST uction Spilled: | n the liquid c soaked soil i I. liquid per g am = 0.25 ga al. liquid per g ft. | completel is contair al. volum II. liquid p gal. volum CL | ned by b ne of so per gal. ne of so 1. ft. | parriers, natural (or n il. volume of soil. bil. Cu. <u>OIL</u> | ot). ft. |
| Recovered: 0.14 Liquid holding factor *: 0.14 Total Solid/Liquid Volume: 500 <u>Estimated Volumes Spiller</u> Liquid in Soil Free Liquid | gal per g sq. ft. | * San * Gra * San * Clay 125 cu. 1 <u>H20</u> 3.1 BBL 0.0 BBL | the followin ad = 0.08 velly (calid dy clay loa y loam = 0 ft. | gallon (gal.) liquid che) loam = 0.14 ga am soil = 0.14 ga .16 gal. liquid per cu. <u>OIL</u> 0.0 BBL 0.0 BBL | per gal. volu gal. liquid per ga gal. volume ft. | is of the soil, me of soil. gal. volume of soil. I. 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 ga * Gravelly (caliche) lo * Sandy loam = 0.5 gr sq. Notimes Lost uction Spilled: ce Damage | n the liquid c soaked soil i I. liquid per g am = 0.25 ga al. liquid per g ft. | completel is contair al. volum II. liquid p gal. volum CL | ned by b ne of so per gal. ne of so 1. ft. | parriers, natural (or n il. volume of soil. bil. Cu. <u>OIL</u> | ot). |
| Recovered: Liquid holding factor *: 0.14 Total Solid/Liquid Volume: 500 <u>Estimated Volumes Spiller</u> Liquid in Soli Free Liquid Totals | gal per g sq. ft. | * San • Gra • San • Clay 125 cu. 1 125 cu. 1 125 cu. 1 8.1 BBL 3.1 BBL | the followin ad = 0.08 velly (calid dy clay loa y loam = 0 ft. | gallon (gal.) liquid che) loam = 0.14 g am soil = 0.14 gal .16 gal. liquid per cu. <u>OIL</u> 0.0 BBL <u>0.0 BBI</u> 0.0 BBI | per gal. volu gal. liquid per ga gal. volume ft. | is of the soil, me of soil. 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> | Recovered: Use the following whe Occurs when the spill * Clay loam = 0.20 ga * Gravelly (caliche) lo * Sandy loam = 0.5 gr sq. N Volumes Lost uction Spilled: ce Damage 500 sq. .0115 acre | n the liquid c soaked soil i I. liquid per g am = 0.25 ga al. liquid per g ft. | completel is contair al. volum II. liquid p gal. volum CL | ned by b ne of so per gal. ne of so 1. ft. | parriers, natural (or n il. volume of soil. bil. Cu. <u>OIL</u> | ot). ft. |
| Recovered: 0.14 Liquid holding factor *: 0.14 Total Solid/Liquid Volume: 500 Estimated Volumes Spiller Liquid in Soil Free Liquid Totals Total Liquid Spill Liquid | gal per g sq. ft. BBL | * San • Gra • San • Clay 125 cu. 1 125 cu. 1 3.1 BBL 0.0 BBL 3.1 BBL 3.1 BBL | the followin ad = 0.08 velly (calid dy clay loa y loam = 0 ft. | gallon (gal.) liquid che) loam = 0.14 g am soil = 0.14 gal .16 gal. liquid per cu. <u>OIL</u> 0.0 BBL 0.0 BBL 0.0 BBI | per gal. volu gal. liquid per ga gal. volume ft. | is of the soil, me of soil. gal. volume of soil. I. volume of soil. of soil. Total Free Liquid Volume: <u>Estimated Production</u> Estimated Produ <u>Estimated Surface</u> Surface Area: | Recovered: Use the following whe Occurs when the spill * Clay loam = 0.20 ga * Gravelly (caliche) to * Sandy loam = 0.5 gr sq. • Volumes Lost uction Spilled: ce Damage 500 sq. .0115 acre and Volumes 14,000 lbs | n the liquid of soaked soli i I. liquid per g am = 0.25 gs al. liquid per g ft. ft. | completel is contair al. volum II. liquid p gal. volum CL | aed by the of some regal. In the of some of so | parriers, natural (or n il. volume of soil. jil. Cu. 0.0 BBI 0.0 BBI | - |
| Recovered: 0.14 Liquid holding factor *: 0.14 Total Solid/Liquid Volume: 500 Estimated Volumes Spiller Liquid in Soil Free Liquid Totals Total Liquid Spill Liquid Recovered Volumes | gal per g sq. ft. | * San * Gra * San * Clay 125 cu. 1 125 cu. 1 125 cu. 1 81 3.1 BBL 3.1 BBL 3.1 BBL | the followin ad = 0.08 vvelly (cali ady clay lo vdy clay lo v loam = 0 ft. | gallon (gal.) liquid che) loam = 0.14 gal .16 gal. liquid per cu. <u>OIL</u> 0.0 BBL 0.0 BBL 0.0 BBL | per gal. volu gal. liquid per ga gal. volume ft. | is of the soil. me of soil. gal. volume of soil. I. volume of soil. of soil. Total Free Liquid Volume: <u>Estimated Production</u> Estimated Produ <u>Surface Area:</u> Surface Area: Surface Area: | Recovered: Use the following whe Occurs when the spill * Clay loam = 0.20 ga * Gravelly (caliche) lo * Sandy loam = 0.5 gr sq. * Volumes Lost uction Spilled: ce Damage 500 sq. .0115 acro and Volumes | n the liquid of soaked soli i I. liquid per g am = 0.25 gs al. liquid per g ft. ft. | cumpletel is contair al. volum I. liquid p gal. volum cu Cu 0.0 Bl | ned by the of so per gal. ne of so J. ft. BL | parriers, natural (or n il. volume of soil. jil. cu. <u>OIL</u> 0.0 BBI | - |
| Recovered: Liquid holding factor *: 0.14 Total Solid/Liquid Volume: 500 Estimated Volumes Spiller Liquid in Soil Free Liquid Totals Total Liquid Spill Liquid Recovered Volumes Estimated oil recovered: Estimated water recovered: | BBL BBL | * San * Gra * San * Clay 125 cu. 1 125 cu. 1 125 cu. 1 81 3.1 BBL 3.1 BBL 3.1 BBL | the followin d = 0.08 welly (calic dy clay lo y loam = 0 ft. | gallon (gal.) liquid che) loam = 0.14 gal .16 gal. liquid per cu. <u>OIL</u> 0.0 BBL 0.0 BBL 0.0 BBL | per gal. volu gal. liquid per ga gal. volume ft. | is of the soil. me of soil. 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 = | Recovered: Use the following whe Occurs when the spill * Clay loam = 0.20 ga * Gravelly (caliche) lo * Sandy loam = 0.5 gr sq. * Volumes Lost uction Spilled: ce Damage 500 sq. .0115 acre and Volumes 14,000 lbs 3 BBL | n the liquid cosoled soil i I. liquid per g an = 0.25 gas al. liquid per g ft. ft. | is contain al. iquid p gal. volum ct <u>H2O</u> 0.0 Bl | ned by the of so per gal. ne of so J. ft. BL | parriers, natural (or n il. volume of soil. jil. Cu. 0.0 BBI 0.0 BBI | ot). ft. |
| Recovered: 0.14 Liquid holding factor *: 0.14 Total Solid/Liquid Volume: 500 Estimated Volumes Spiller Liquid in Soil Free Liquid Totals Total Liquid Spill Liquid Recovered Volumes Estimated oil recovered: | BBL BBL | * San * Gra * San * Clay 125 cu. 1 125 cu. 1 125 cu. 1 81 3.1 BBL 3.1 BBL 3.1 BBL | the followin d = 0.08 welly (calic dy clay lo y loam = 0 ft. | gallon (gal.) liquid che) loam = 0.14 gal .16 gal. liquid per cu. <u>OIL</u> 0.0 BBL 0.0 BBL 0.0 BBL | per gal. volu gal. liquid per ga gal. volume ft. | is of the soil. me of soil. 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>Estimated Weights,</u> Saturated Soil = | Recovered: Use the following whe Occurs when the spill * Clay loam = 0.20 ga * Gravelly (caliche) lo * Sandy loam = 0.5 gr sq. * Volumes Lost uction Spilled: ce Damage 500 sq. .0115 acre and Volumes 14,000 lbs 3 BBL | n the liquid cosoled soil i I. liquid per g an = 0.25 gas al. liquid per g ft. ft. | 125 cut 131 column cut 125 cut 131 ga | ned by the of so per gal. ne of so J. ft. BL | parriers, natural (or n il. volume of soil. jil. Cu. 0.0 BBI 0.0 BBI | - |
| Recovered: 0.14 Liquid holding factor *: 0.14 Total Solid/Liquid Volume: 500 Estimated Volumes Spiller Liquid in Soil Free Liquid Totals Total Liquid Spill Liquid Recovered Volumes Estimated oil recovered: Estimated water recovered: Estimated mater recovered: Estimated mater recovered: | BBL BBL BBL | * San * Gra * San * Clay 125 cu. 1 125 cu. 1 125 cu. 1 81 3.1 BBL 3.1 BBL 3.1 BBL | the followin d = 0.08 welly (calic dy clay lo y loam = 0 ft. | gallon (gal.) liquid che) loam = 0.14 gal .16 gal. liquid per cu. <u>OIL</u> 0.0 BBL 0.0 BBL 0.0 BBL | per gal. volu gal. liquid per ga gal. volume ft. | is of the soil. me of soil. 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 = | Recovered: Use the following whe Occurs when the spill * Clay loam = 0.20 ga * Gravelly (caliche) lo * Sandy loam = 0.5 gr sq. t Volumes Lost uction Spilled: ce Damage 500 sq. .0115 acre and Volumes 14,000 lbs 3 BBL ng Requirements New Mexico | n the liquid cosoled soil i I. liquid per g an = 0.25 gas al. liquid per g ft. ft. | 125 cut 131 column cut 125 cut 131 ga | ed by b e of so ne of so 1. ft. BL I. ft. BL | parriers, natural (or n il. volume of soil. jil. Cu. 0.0 BBI 0.0 BBI | ot). ft. |
| Recovered: 0.14 Liquid holding factor *: 0.14 Total Solid/Liquid Volume: 500 Estimated Volumes Spiller Liquid in Soil Free Liquid Totals Total Liquid Spill Liquid Recovered Volumes Estimated oil recovered: Estimated water recovered: Estimated oil spill: - Separator gas calculated: - | BBL BBL BBL BBL MCF MCF | * San * Gra * San * Clay 125 cu. 1 125 cu. 1 125 cu. 1 81 3.1 BBL 3.1 BBL 3.1 BBL | the followin d = 0.08 welly (calic dy clay lo y loam = 0 ft. | gallon (gal.) liquid che) loam = 0.14 gal .16 gal. liquid per cu. <u>OIL</u> 0.0 BBL 0.0 BBL 0.0 BBL | per gal. volu gal. liquid per ga gal. volume ft. | is of the soil, me of soil. gal. volume of soil. i. volume of soil. of soil. Total Free Liquid Volume: Estimated Production Estimated Production Estimated Production Surface Area: Surface Area: Surface Area: Surface Area: Surface Area: Surface Area: Surface Area: Mathemated Weights, Saturated Soil = Total Liquid = | Recovered: Use the following whe Occurs when the spill * Clay loam = 0.20 ga * Gravelly (caliche) lo * Sandy loam = 0.5 gg sq. n Volumes Lost uction Spilled: ce Damage 500 sq. .0115 acre and Volumes 14,000 lbs 3 BBI ng Requirements New Mexico NO | n the liquid cosoled soil i I. liquid per g an = 0.25 gas al. liquid per g ft. ft. | 0.000000000000000000000000000000000000 | ied by b e of so over gal. I. ft. BL BL exas | parriers, natural (or n il. volume of soil. jil. Cu. 0.0 BBI 0.0 BBI | ot). ft. |
| Recovered: 0.14 Liquid holding factor *: 0.14 Total Solid/Liquid Volume: 500 Estimated Volumes Spiller Liquid in Soil Free Liquid Totals Total Liquid Spill Liquid Recovered Volumes Estimated oil recovered: Estimated oil recovered: Estimated water recovered: Estimated water recovered: Estimated stater recovere | BBL BBL BBL BBL MCF MCF Ib | * San * Gra * San * Clay 125 cu. 1 125 cu. 1 125 cu. 1 81 3.1 BBL 3.1 BBL 3.1 BBL | the followin d = 0.08 welly (calic dy clay lo y loam = 0 ft. | gallon (gal.) liquid che) loam = 0.14 gal .16 gal. liquid per cu. <u>OIL</u> 0.0 BBL 0.0 BBL 0.0 BBL | per gal. volu gal. liquid per ga gal. volume ft. | is of the soil. me of soil. gal. volume of soil. i. volume of soil. of soil. Total Free Liquid Volume: <u>Estimated Production</u> Estimated Produ <u>Estimated Surface</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 ga * Gravelly (caliche) lo * Sandy loam = 0.5 gg sq. n Volumes Lost uction Spilled: ce Damage 500 sq. .0115 acre and Volumes 14,000 lbs 3 BBI ng Requirements New Mexico NO | n the liquid cosoled soil i I. liquid per g an = 0.25 gas al. liquid per g ft. ft. | completel is contain al. volum l. liquid p di volum cu H20 0.0 Bl 125 cu 131 ga | ied by b e of so over gal. I. ft. BL BL exas | parriers, natural (or n il. volume of soil. jil. Cu. 0.0 BBI 0.0 BBI | - |
| Recovered: 0.14 Liquid holding factor *: 0.14 Total Solid/Liquid Volume: 500 Estimated Volumes Spiller Liquid in Soil Free Liquid Totals Total Liquid Spill Liquid Recovered Volumes Estimated oil recovered: Estimated water recovered: Estimated water recovered: Estimated water recovered: Estimated spill: - Separator gas calculated: - Separator gas released: - | BBL BBL BBL BBL MCF MCF | * San * Gra * San * Clay 125 cu. 1 125 cu. 1 125 cu. 1 81 3.1 BBL 3.1 BBL 3.1 BBL | the followin d = 0.08 welly (calic dy clay lo y loam = 0 ft. | gallon (gal.) liquid che) loam = 0.14 gal .16 gal. liquid per cu. <u>OIL</u> 0.0 BBL 0.0 BBL 0.0 BBL | per gal. volu gal. liquid per ga gal. volume ft. | is of the soil. me of soil. gal. volume of soil. i. volume of soil. of soil. Total Free Liquid Volume: <u>Estimated Production</u> Estimated Produ <u>Estimated Surface</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 ga * Gravelly (caliche) lo * Sandy loam = 0.5 gg sq. n Volumes Lost uction Spilled: ce Damage 500 sq. .0115 acre and Volumes 14,000 lbs 3 BBI ng Requirements New Mexico NO | n the liquid cosoled soil i I. liquid per g an = 0.25 gas al. liquid per g ft. ft. | completel is contain al. volum l. liquid p di volum cu H20 0.0 Bl 125 cu 131 ga | ied by b e of so over gal. I. ft. BL BL exas | parriers, natural (or n il. volume of soil. jil. Cu. 0.0 BBI 0.0 BBI | - |

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