| | | | ***** LI | QUID SF | PILLS | S - VOLU | IME CALCULATIO | VS ***** | | | | |
|---|------------------|---|----------------------------|-----------------------|--------------------------------------|------------------|--|------------------------------|-----------------------|----------------|----------|--|
| Location of spill: | | | COG -Wild Cap State Com #1 | | | _ | Date of Spill: | 28-Oct-201 | 9 | | | |
| | | 1 | If the leak/spill | is associate | ed with | n production | n equipment, i.e wellhead | , stuffing box, | | | | |
| | | | | | | | oump, or storage tank place | | | | | |
| Input Data: | | | | | | | | | | | | |
| lf spill vol | ement, i.e. mete | i.e. metering, tank volumes, etc. are known | | | own enter the volumes here: | OIL: 0.0 BBL | WATER: 0.0 BBL | | | | | |
| lf "known" | spill volu | nes are | given, input da | ta for the fo | llowin | g "Area Cal | culations" is optional. The | e above will override | the calculated volu | umes. | | |
| Total Area Calculations | | | | | | | Standing Liquid Calculations | | | | | |
| Total Surface Area | width | | length | | t soil epth | oil (%) | Standing Liquid Area | width | length | liquid depth | oil (%) | |
| Rectangle Area #1 | 20 ft | | | | .85 in | 50% | Rectangle Area #1 | 0 ft X | 0 ft X | 0 in | 0% | |
| Rectangle Area #2 | 0 ft | Χ | | | .00 in | 0% | Rectangle Area #2 | 0 ft X | 0 ft X | 0 in | 0% | |
| Rectangle Area #3 | 0 ft | X | | X | 0 in | 0% | Rectangle Area #3 | 0 ft X | 0 ft X | 0 in | 0% | |
| Rectangle Area #4 | 0 ft | X | | X | 0 in | 0% | Rectangle Area #4 | 0 ft X | 0 ft X | 0 in | 0% | |
| Rectangle Area #5 Rectangle Area #6 | 0 ft 0 ft | X X | | X X | 0 in 0 in | 0% 0% | Rectangle Area #5 | 0 ft X 0 ft X | 0 ft X 0 ft X | 0 in 0 in | 0% 0% | |
| Rectangle Area #7 | 0 ft | x | | X | 0 in | 0% | Rectangle Area #6 Rectangle Area #7 | 0 ft X | 0 ft X | 0 in | 0% | |
| Rectangle Area #8 | 0 ft | X | | X | 0 in | 0% | Rectangle Area #8 | 0 ft X | 0 ft X | 0 in | 0% | |
| | | | | | | | | | | | | |
| | | | | | | okay | | | | | | |
| | | | | | leak - D | DAILY PROI | DUCTION DATA REQUIRE |) | | | | |
| Average Daily Production: | Oil 0 | BBL | Water 0 | BBL 0 | Ga | as (MCFD) | 7 | | | | | |
| | | _ | _ | ı | | | Total Hydrocarbon C | • | (percentage) | | | |
| Did leak occur before the separ | rator?: | YI | ES | N/A (plac | ce an ") | X") | H2S Content in Pi H2S Content in | | PPM PPM | | | |
| Amount of Free Liquid Recovered: | 0 BB | L | 0 | kay | | | Percentage of Oil | in Free Liquid Recovered: | (percentage) | | | |
| 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 | | | | | | | | | | | | |
| | | * Sand = 0.08 gallon (gal.) liquid per gal. volur * Gravelly (caliche) loam = 0.14 gal. liquid per g | | | | | ked soil is contained by b uid per gal. volume of soi | | ot). | | | |
| | | * Sandy clay loam soil = 0.14 gal liquid per gal. | | | | - | uid per gal. volume or sol • 0.25 gal. liquid per gal. v | | | | | |
| | | | | am = 0.16 gal. | | | | uid per gal. volume of so | | | | |
| Total Solid/Liquid Volume: | 500 sq | ft. | 39 cu. ft. | | 39 cu | . ft. | Total Free Liquid Volume: | sq. ft. | cu. ft. | cu. | ft. | |
| Estimated Volumes S | Spilled | | | | | | Estimated Production | Nolumes Lost | | | | |
| Liquid in Soil: | | | <u>H2O</u> 1.0 BBL | | OIL 1.0 BBL 0.0 BBL 1.0 BBL | | Estimated Production Spilled: | | <u>H2O</u> 0.0 BBL | OIL 0.0 BBL | | |
| Free Liquid: Totals: | | | 0.0 BBL 1.0 BBL | | | | Estimated Surface Damage | | 0.0 BBE | 0.0 001 | - | |
| | TOTAIS. | | 1.0 BBL | | 1.0 66 | - | Surface Area: | 500 sq. ft. | | | | |
| Total Liquid Spill | Liquid: | | 1.0 BBL | 0 | .96 BE | 3L | Surface Area: | .0115 acre | | | | |
| Recovered Volum | <u>nes</u> | | | | | | Estimated Weights, | and Volumes | | | | |
| Estimated oil recovered: | ВЕ | L | checl | k - okay | | | Saturated Soil = | 8,633 lbs | 77 cu. ft. | 3 cu . | yds. | |
| Estimated water recovered: | ВВ | L | checl | k - okay | | | Total Liquid = | 2 BBL | 81 gallon | 672 lbs | | |
| | | | | | | | | | | | | |
| Air Emission from flowl | | | | | Air Emission of Reporting | ng Requirements: | | | | | | |
| Volume of oil spill: | | | | | New Mexico | | <u>Texas</u> | | | | | |
| Separator gas calculated: - MCF | | | ŀ | | | | HC gas release reportable? NO | | NO | | | |
| Separator gas released: | - MC | F | | | | | H2S release reportable? | NO | NO | | | |
| Gas released from oil: | - lb | | | | | | | | | | | |
| H2S released: | - Ib | | | | | | | | | | | |
| Total HC gas released: | - Ib | | | | | | | | | | | |
| Total HC gas released: | - MC | F | | | | | | | | | | |

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