PARSLEY ENERGY
SPILL REPORT FORM

Date of Report: _____ **Asset Area:** ☐ Basin Core ☐ Basin Tier I ☐ S. Del. Basin ☐ Other

Spill Information ***(Enter the requested data and check all that apply)***

Date of Spill: _____ **Facility Type:** ☐ Drilling Operation ☐ Completion Operation ☐ Production Operation

Approx Time of Spill: _____ **Lease/Well/Facility:** _____

Landowner: _____ **County:** _____

GPS Coordinates: **Latitude (N):** _____ **Longitude (W):** _____

Driving Directions: _____

Type of Leak (Check all that apply):		**Leak Amount (BBLs)**	**Amount Recovered (BBLs)**
☐ Oil/Condensate	☐ < 1 BBL	0.2	0.0
☐ Produced Water	☐ < 1 BBL	0.5	40.0
☐ Drilling / Completion Fluid	☐ < 1 BBL	0.0	0.0
☐ Gas (MCFD)		0.0	
☐ Chemical (Specify): _____			
☐ Other (Specify): _____			
	Totals	0.67	40.0
	Total Fluid Lost	-39.3	

Did the spill enter a creek bed, dry draw, other surface water? ☐ YES ☑ NO

If the spill is primarily water, is there any trace or sheen of hydrocarbons (oil) on the water? ☐ YES ☐ NO

Equipment Involved and Other Information

Equipment: ☐ Flowline ☐ Piping ☐ Pump ☐ Stuffing Box ☐ Valve ☐ Tank ☐ Pressure Vessel ☐ Injection Line ☐ Wellhead-Injection ☐ Wellhead-Production ☐ Other (Specify): _____

Material: ☐ Fiberglass ☐ Stainless Steel ☐ Steel ☐ Poly ☐ PVC ☐ Other (Specify): _____

Corrosion Protection: ☐ None ☐ Corrosion Inhibition (i.e. chem. Inj) ☐ Cathodic Protection (Type): _____

Cause of Leak: ☐ Equipment Failure ☐ External Corrosion ☐ Internal Corrosion ☐ Mechanical Damage ☐ Over Pressure ☐ Human Error ☐ Weather ☐ Other (Specify): _____

Secondary Containment: ☐ None - Total loss of fluid to ground ☐ Partially Contained ☐ Contained in Catch Basin ☐ Contained within Lined Berm ☐ Contained in Unlined Berm ☐ Other (Specify): _____

Work Activity: ☐ Normal Operations ☐ Maintenance ☐ Intrusive (i.e. construction, ditching, etc.) ☐ Well Work

Safety: Did this leak result in a Major Incident (MI) or High Potential Incident (HIPO)? ☐ NO ☐ MI ☐ HIPO

Cost: Estimated cost to repair this leak including labor, materials and clean-up cost: _____

Reporting and Activity Summary

Was the spill reported to a Local, State or Federal Agency? ☐ NO ☐ Yes (Specify): _____

Report Number(s) or Reference: _____

Brief description of spill and cause:	
Cleanup Actions:	
Plans to prevent future spills:	

Person Submitting Report _____ **Date:** _____

_____ **Date:** _____

****** LIQUID SPILLS - VOLUME CALCULATIONS ******

Location of spill: Columbus Fee #024H **Date of Spill:** 6-Oct-2019

If the leak/spill is associated with production equipment, i.e. - wellhead, stuffing box, flowline, tank battery, production vessel, transfer pump, or storage tank **place an "X" here:** X

Input Data:

	OIL:	WATER:
If spill volumes from measurement, i.e. metering, tank volumes, etc. are known enter the volumes here:	0.0 BBL	0.0 BBL

If "known" 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		wet soil depth	oil (%)
Rectangle Area #1	0 ft		0 ft	X	0 in	0%
Rectangle Area #2	0 ft	X	0 ft	X	0 in	0%
Rectangle Area #3	0 ft	X	0 ft	X	0 in	0%
Rectangle Area #4	0 ft	X	0 ft	X	0 in	0%
Rectangle Area #5	0 ft	X	0 ft	X	0 in	0%
Rectangle Area #6	0 ft	X	0 ft	X	0 in	0%
Rectangle Area #7	0 ft	X	0 ft	X	0 in	0%
Rectangle Area #8	0 ft	X	0 ft	X	0 in	0%

Standing Liquid Calculations

Standing Liquid Area	width		length		liquid depth	oil (%)
Rectangle Area #1	9 ft	X	20 ft	X	0 in	25%
Rectangle Area #2	0 ft	X	0 ft	X	0 in	0%
Rectangle Area #3	0 ft	X	0 ft	X	0 in	0%
Rectangle Area #4	0 ft	X	0 ft	X	0 in	0%
Rectangle Area #5	0 ft	X	0 ft	X	0 in	0%
Rectangle Area #6	0 ft	X	0 ft	X	0 in	0%
Rectangle Area #7	0 ft	X	0 ft	X	0 in	0%
Rectangle Area #8	0 ft	X	0 ft	X	0 in	0%

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?: YES N/A *(place an "X")*

H2S Content in Produced Gas: 0 PPM

H2S Content in Tank Vapors: 0 PPM

Amount of Free Liquid Recovered: 0 BBL okay

Percentage of Oil in Free Liquid Recovered: 0% (percentage)

Liquid holding factor *: 0.00 gal per gal

Use the following when the spill wets the grains of the soil.
* 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.
* Clay loam = **0.16** gal. liquid per gal. volume of soil.

Use the following when the liquid completely fills the pore space of the soil:
Occurs when the spill soaked soil is contained by barriers, natural (or not).
* Clay loam = **0.20** gal. liquid per gal. volume of soil.
* Gravelly (caliche) loam = **0.25** gal. liquid per gal. volume of soil.
* Sandy loam = **0.5** gal. liquid per gal. volume of soil.

	sq. ft.	cu. ft.	cu. ft.
Total Solid/Liquid Volume:			
Total Free Liquid Volume:	180	3	1

Estimated Volumes Spilled

	H2O	OIL
Liquid in Soil:	0.0 BBL	0.0 BBL
Free Liquid:	0.5 BBL	0.2 BBL
Totals:	**0.5 BBL**	**0.2 BBL**
Total Liquid Spill Liquid:	**0.5 BBL**	**0.2 BBL**

Estimated Production Volumes Lost

	H2O	OIL
Estimated Production Spilled:	0.0 BBL	0.0 BBL

Estimated Surface Damage

Surface Area: 180 sq. ft.

Surface Area: .0041 acre

Recovered Volumes

Estimated oil recovered: BBL check - okay

Estimated water recovered: BBL check - okay

Estimated Weights, and Volumes

		cu. ft.	cu. yds.
Saturated Soil =	lbs		
Total Liquid =	1 BBL	28 gallon	233 lbs

Air Emission from flowline leaks:

Volume of oil spill:	-	BBL
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:	-	MCF

Air Emission of Reporting Requirements:

	New Mexico	Texas
HC gas release reportable?	NO	NO
H2S release reportable?	NO	NO