



Well Pad Valve Legend

OS= oil tank sales valve
 OF= oil tank fill valve
 D= oil tank drain valve
 WF= water tank fill valve
 WL= water tank truck load out valve
 WD= water tank drain valve
 X= oil tank overflow isolation valve

Sales Phase

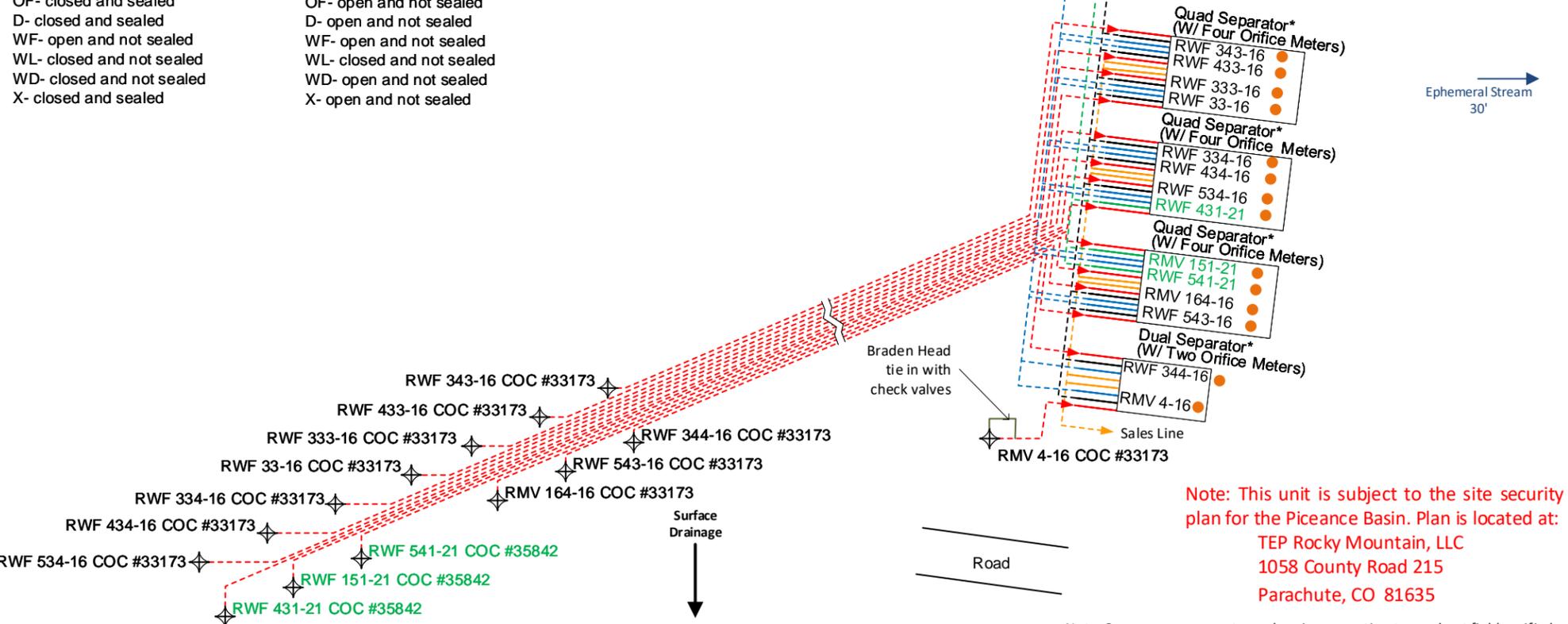
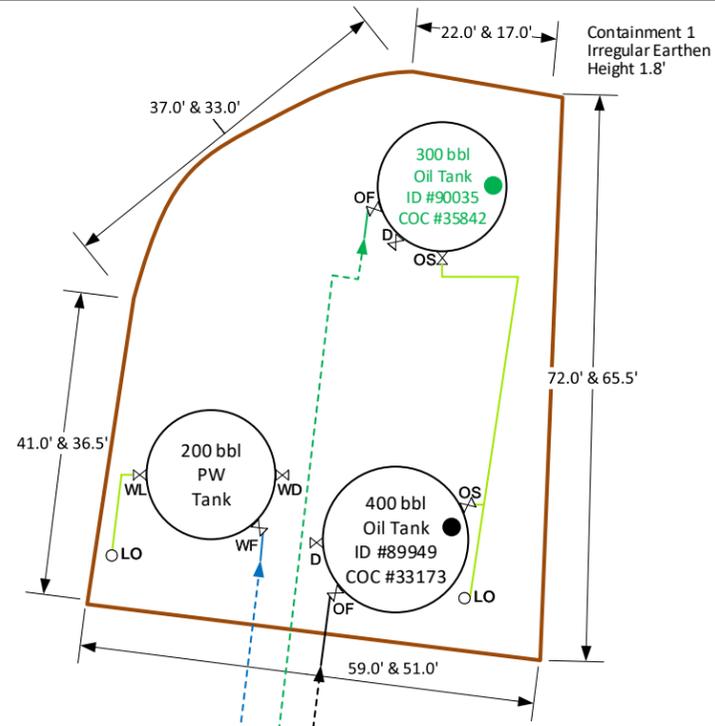
OS- open and not sealed
 OF- closed and sealed
 D- closed and sealed
 WF- open and not sealed
 WL- closed and not sealed
 WD- closed and not sealed
 X- closed and sealed

Production Phase

OS- closed and sealed
 OF- open and not sealed
 D- closed and sealed
 WF- open and not sealed
 WL- closed and not sealed
 WD- closed and not sealed
 X- open and not sealed

Drain Phase

OS- closed and sealed
 OF- open and not sealed
 D- open and not sealed
 WF- open and not sealed
 WL- closed and not sealed
 WD- open and not sealed
 X- open and not sealed



Note: This unit is subject to the site security plan for the Piceance Basin. Plan is located at:
 TEP Rocky Mountain, LLC
 1058 County Road 215
 Parachute, CO 81635

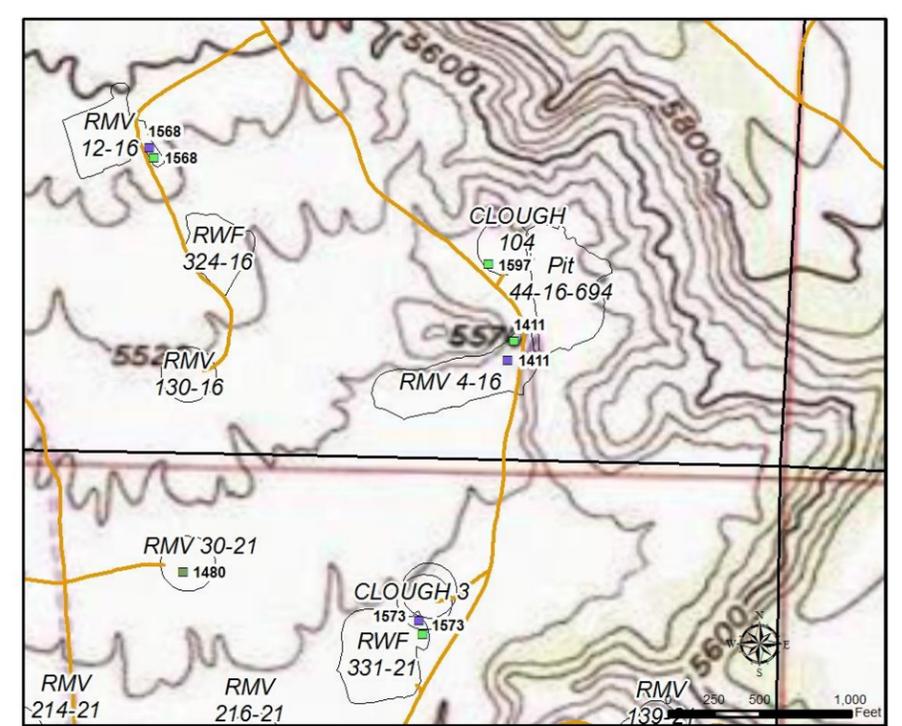
Note: Some measurements on drawing are estimates and not field verified.



Legend

- Sep, DeHy and Tanks
- Separators Only
- Separators and DeHy
- Separators and Tanks
- Tanks Only
- Existing Road
- Existing Pad

TEP Rocky Mountain, LLC
 SPCC Facility Location Map
 RMV 4-16



Legend

- Sep, DeHy and Tanks
- Separators Only
- Separators and DeHy
- Separators and Tanks
- Tanks Only
- Existing Road
- Existing Pad

SPCC Facility Location Map
 RMV 4-16

Page: 1 of 2
 DRAWN BY: DHR
 DATE: 1/5/2021
 SCALE: NONE

Facility Diagram
 TEP Rocky Mountain, LLC – North Rulison
 RMV 4-16
 Latitude: 39.519943 Longitude: -107.889334
 SW/SE, Sec. 16, TS6S, R94W
 COC# 35842, 33173
 Garfield County, CO

Legend

- Water Dump Line
- Flowline
- Oil Dump Line 1
- Oil Dump Line 2
- Oil Dump Line 3
- Oil Dump Line 4
- Gas Sales Line
- Unload Line
- Overflow Line
- Vent Line
- Manifold Line
- Load Line
- Tank Heater
- Well Head
- Drip Tank
- Valve
- Load Out Valve
- Gas Facility Measurement Point
- Thermal Electrical Generator
- HTU = Heat Trace Unit
- HTP = Heat Trace Pump

Dotted lined denote underground pipes. All lines denote 2" steel pipe, unless otherwise noted. Valves on separator not shown.



Volume Determination

- 1- Heat Rate MMBtu per hr (manufacture number)
- 2- Heat Rate Btu per hr = Heat Rate MMBtu per hr * 1,000,000
- 3- Operating Hours per year (hours expected to run in a year)
- 4- Mscf per year = Heat Rate MMBtu per hr * Operating Hours per year
- 5- Fuel Usage MMscf per year = Mscf per year / 1000
- 6- Fuel Heating Value Btu per scf = Reported OGOR value
- 7- Volumetric Flow scf per hr = Heat Rate MMBtu per hr / (Fuel Heating Value Btu per scf / 1,000,000)
- 8- Volumetric Flow scf per day = Volumetric Flow scf per hr * 24 hours
- 9- Daily Equipment Total Fuel Use scf per day = Volumetric Flow scf per day * Quantity of equipment on location

Location Name	Equipment	Quantity	Heat Rate MMBtu per hr	Heat Rate Btu per hr	Operating Hours per year	Mscf per year	Fuel Usage MMscf per year	Fuel Heating Value Btu per scf	Volumetric Flow scf per hr	Volumetric Flow scf per day	Daily Equipment Total Fuel Use scf per day
RMV 4-16 Pad											
	Separator Double Heater	1	0.5	500000	3600	1800	1.8	1156	432.44	10,378.47	10,378.47
	Separator Quad Heater	6	0.75	750000	3600	2700	2.7	1156	648.65	15,567.70	93,406.21
Pad Daily Total scf/day											103,784.68

Pad Name	Well Name	FMP/Meter Number	API Number
RMV 4-16 PAD			
	RWF 534-16	62086279	05-045-11098
	RWF 343-16	62086269	05-045-11084
	RWF 433-16	62086274	05-045-11095
	RMV 164-16	62086257	05-045-11096
	RWF 344-16	62086270	05-045-11105
	RWF 431-21	62086272	05-045-11097
	RWF 33-16	62086260	05-045-11099
	RWF 543-16	62086282	05-045-11106
	RWF 434-16	62086258	05-045-11101
	RWF 541-21	62086281	05-045-11103
	RWF 333-16	62086265	05-045-11104
	RWF 334-16	62086266	05-045-11102
	RMV 151-21	62086256	05-045-11100
	RMV 4-16	62054054	05-045-06866

Pad Name	Tank ID	FMP	CA COC
RMV 4-16 Pad			
	89949	Black Lease	● COC 33173
	90035	Green Lease	● COC 35842

Note: Some measurements on drawing are estimates and not field verified.

Page: 2 of 2	<p align="center">Facility Diagram</p> <p align="center">TEP Rocky Mountain, LLC – North Rulison RMV 4-16</p> <p align="center">Latitude: 39.519943 Longitude: -107.889334 SW/SE, Sec. 16, TS6S, R94W COC# 35842, 33173 Garfield County, CO</p>	<p>Legend</p> <table border="0"> <tr> <td> Water Dump Line</td> <td> Oil Dump Line 4</td> <td> Tank Heater</td> <td> Thermal Electrical Generator</td> </tr> <tr> <td> Flowline</td> <td> Gas Sales Line</td> <td> Well Head</td> <td>HTU = Heat Trace Unit</td> </tr> <tr> <td> Oil Dump Line 1</td> <td> Unload Line</td> <td>DT Drip Tank</td> <td>HTP = Heat Trace Pump</td> </tr> <tr> <td> Oil Dump Line 2</td> <td> Overflow Line</td> <td> Valve</td> <td></td> </tr> <tr> <td> Oil Dump Line 3</td> <td> Vent Line</td> <td>LO Load Out Valve</td> <td></td> </tr> <tr> <td></td> <td> Manifold Line</td> <td> Gas Facility Measurement Point</td> <td></td> </tr> <tr> <td></td> <td> Load Line</td> <td></td> <td></td> </tr> </table> <p align="right"><i>Dotted lined denote underground pipes. All lines denote 2" steel pipe, unless otherwise noted. Valves on separator not shown.</i></p>	Water Dump Line	Oil Dump Line 4	Tank Heater	Thermal Electrical Generator	Flowline	Gas Sales Line	Well Head	HTU = Heat Trace Unit	Oil Dump Line 1	Unload Line	DT Drip Tank	HTP = Heat Trace Pump	Oil Dump Line 2	Overflow Line	Valve		Oil Dump Line 3	Vent Line	LO Load Out Valve			Manifold Line	Gas Facility Measurement Point			Load Line		
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