



CONOCOPHILLIPS ALASKA

Health Safety and Environmental
Alpine Well Work Fuel Monitoring

Field: Alpine

Last Reviewed:
7/28/2024

Retention Code	Owner/Author	SOP No	Review Frequency
AD01	Field Environmental Coordinator	AI-004	3 years

Alpine Well Work Fuel Monitoring Procedure

Purpose This procedure ensures that well service equipment fuel usage is tracked according to Alpine permit requirements.

Scope The scope of this procedure includes the **diesel-fired equipment** used in well service activities at CD1, CD2, CD3, or CD4.

In scope	Out of scope
<ul style="list-style-type: none">Boilers/heaters and internal combustion engines permanently associated with the following well service equipment including:<ul style="list-style-type: none">Coil tubing units<ul style="list-style-type: none">Slickline unitsHot oil unitsWireline unitsDownhole pump unitsN2 Pumping unitsRigs conducting workoversInternal combustion engines permanently associated with the following well service equipment including:<ul style="list-style-type: none">Frac Units	<ul style="list-style-type: none">All well service equipment not utilizing diesel fuel, i.e. Boilers / heaters and IC engines not permanently associated with well service equipment

Authorized user Authorized users of this procedure are:

- Wells, Operations, and Environmental personnel responsible for well service equipment emissions compliance

Getting Started




Prerequisites

- Frac unit operations at CD1 and CD2 are only permitted between November 1 – May 31.
 - IC engines must meet federal rule non-road engine tier standards
 - All well servicing equipment (boilers/ heaters and IC engines) must burn ULSD
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Alpine Well Work Fuel Monitoring Procedure

Daily Fuel Usage Monitoring and Recording

Personnel must take the following steps to monitor and record daily fuel usage.

Step	Action												
1.	<p>Verify that frac operations at CD1 and CD2 are only conducted between November 1 and May 31.</p> <div style="border: 2px solid orange; padding: 5px; margin-top: 10px;">  <p>CAUTION: Frac operations at CD1 and CD2 are only permitted between November 1 and May 31.</p> </div>												
2.	<p>Record daily fuel use on Well Service Equipment Daily Fuel Use Report (Exhibit A) and in Wellview.</p>												
3.	<p>Ensure fuel usage is within permitted limits.</p> <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 10px;"> <thead> <tr> <th style="width: 33%;">Equipment</th> <th style="width: 33%;">Location</th> <th style="width: 33%;">Fuel usage limit (combined totals)</th> </tr> </thead> <tbody> <tr> <td>Well service equipment</td> <td>CD1 - CD2</td> <td>5,831 gallons/ day</td> </tr> <tr> <td>Well service equipment <i>excluding</i> frac units</td> <td>CD1 - CD4</td> <td>533,033 gallons/ 12 months</td> </tr> <tr> <td>Frac units</td> <td>CD1 - CD4</td> <td>50,000 gallons/ 12 months</td> </tr> </tbody> </table> <div style="border: 2px solid orange; padding: 5px; margin-top: 10px;">  <p>CAUTION: Notify Environmental if any limits may be approached or exceeded.</p> </div>	Equipment	Location	Fuel usage limit (combined totals)	Well service equipment	CD1 - CD2	5,831 gallons/ day	Well service equipment <i>excluding</i> frac units	CD1 - CD4	533,033 gallons/ 12 months	Frac units	CD1 - CD4	50,000 gallons/ 12 months
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Frac units	CD1 - CD4	50,000 gallons/ 12 months											
4.	<p>Submit the completed forms to the Field Environmental Coordinator upon completion of the well service job or by the end of the month.</p> <div style="border: 2px solid gray; padding: 5px; margin-top: 10px;">  <p>NOTE: Email the Well Service Equipment Daily Fuel Use Report (Exhibit A) to: Alpine Environmental, n1838@cop.com</p> </div>												

Daily fuel usage monitoring and recording activities are complete.
