

Donovan Brothers Incorporated

**8232 South Peninsula Drive
Littleton, Colorado 80120**

August 21, 2022

Attention:

Mr. Mark E. Brown
Markus Production, Inc.
39 Fairway Lane
Littleton, CO 80123

Subject:

Engineering Field Observation
August 8, 2022, between 8:45 AM and 2:30 PM
Plug and Abandon Off Location Pipeline
Livengood 7-7 flowline
Facility ID 481142
SWNE Section 7, Township 7 North, Range 59 West, 6th P.M.
Weld County, Colorado
Local access: from the intersection of County Roads 86 and 105:
East 2.5 miles, South 1.5 miles, and West 0.4 miles

Dear Mr. Mark E. Brown,

In accordance with your instructions, William Sterling Donovan, Colorado Professional Engineer 0026587, on August 8, 2022, conducted a field observation of the plug and abandonment of the Livengood 7-7 flowline. The area's base map (figure 1) is attached for reference purposes.

The provided aerial photograph (see figure 2) shows the abandoned well location and abandoned production pad. The approximate flowline path between the abandoned well and production was visually inspected. The visual inspection of the surface from the abandoned well to the abandoned production pad was performed. Walking in a zig-zag pattern to the abandoned well from the abandoned production pad and back again showed that no surface valves or valve

boxes existed along the length of the flowline. This observation confirmed what was expected.

Both the abandoned well flowline inlet stub and the abandoned production pad outlet stub were buried to a depth of three feet or greater. The flowline appeared to be made of a 2-inch nominal steel pipe.

At approximately 10:45 AM, the abandoned production pad flowline outlet riser to the west (see figure 3) was observed to be evacuated and opened to the atmosphere. At approximately 11:50 AM, the abandoned production pad flowline outlet riser was detached. Then the evacuated and opened to the atmosphere abandoned production pad flowline outlet stub was cemented (see figure 4).

At approximately 2:00 PM, the abandoned well flowline inlet riser to the east (see figure 5) was observed to be evacuated and opened to the atmosphere. At approximately 2:15 PM, the abandoned well flowline inlet riser was detached. Then the evacuated and opened to the atmosphere abandoned well flowline inlet stub was cemented. (see figure 6)

If there are any questions, please contact William Sterling Donovan at (720) 351-7470 or email donovan@petroluem-eng.com.

Sincerely,



William Sterling Donovan

Petroleum Engineer

Colorado Professional Engineer 0026587

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Figure 1-Base Map

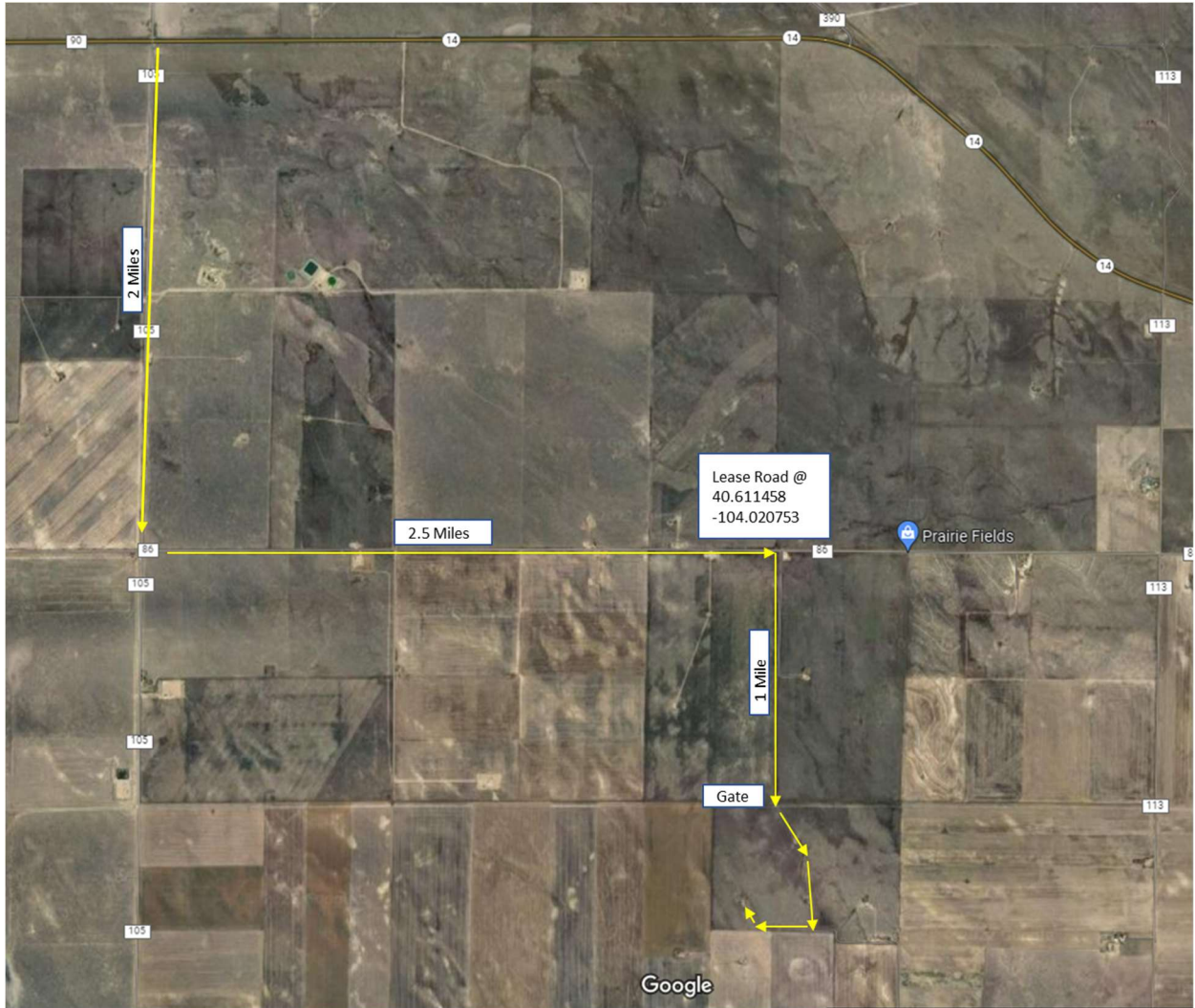


Figure 2-Aerial Photograph

Livengood Tank Battery & Flowline Map
Location ID 481140
Livengood 7-7 Wellhead – API No. 05-123-14742



Figure 3- The Abandoned Production Pad Flowline Outlet Riser



Figure 4- The Plugged Abandoned Production Pad Flowline Outlet Stub

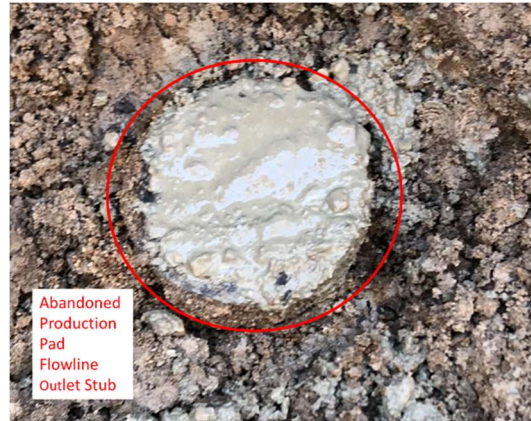


Figure 5- The Abandoned Well Flowline Inlet Riser



Figure 6- The Plugged Abandoned Well Flowline Inlet Stub

