

## Third Party Flowline Abandon in place Verification Letter

Parker 21-33

**Client:** Crestone Peak Resources Operating LLC

**Location:** NENW 33 3N67W 6

**Location:** Section 33, T3N, R67W

**Field Survey Date:** 11/02/2022

RPG Resources (RPG), on behalf of Crestone Peak Resources Operating LLC performed a third party witnessing of Abandon in Place (ABiP) for the off-location flowline associated with the Parker 21-33 (API 123-20851). The abandonment work and associated witnessing was performed on November 02, 2022. The witnessing was conducted by a qualified Field Scientist (Brent Hoepfner), working under the supervision of Joseph Schultz, a Professional Engineer registered with the State of Colorado. The witnessing activities followed the requirements of Rule 1105.e.

The ABiP work on this location included one (1) steel flowline with fusion bond coating. The Parker 21-33 flowline has a diameter of 3 inches. The flowline south from the wellhead (End A) and then turns east and then north to Parker-63N67W 33NWNW (331523) oil and gas location. Approximately 651 linear feet was ABiP from the Parker 21-33 wellhead to the ABiP terminus point (End B). The remaining flowline and associated Parker-63N67W 33NWNW location will be removed and reclaimed.

### Field Observations (Rule 1105.e.)

#### I. Evacuation of Fluids

The line was flushed using hydrovac trucks. A total of 16.4 barrels of freshwater was used to flush and evacuate the flowline. All water and fluids from the pipe were removed from the site and properly disposed of.

#### II. Depletion to Atmospheric Pressure

Prior to flushing operations, end A was uncapped at 8:27 AM and end B was uncapped at 8:27 AM per attached report, and released to atmospheric pressure. Upon fluid evacuation described above, the hydrovac hoses and valve sets were safety removed allowing the flanged pipe ends full exposure to normalize to atmospheric pressure.

III. Cutting of Flowline(s)

The flowline was cut at a depth of 4.5 feet bgs at End A and 4 feet bgs at End B. End point coordinates were documented at both ends of the flowline.

IV. Sealing of Pipe Ends

The flowline was threaded, wrapped with white tape and capped at End A and End B as shown in the attached report.

The attached field report and map detail the work performed as part of the ABiP witnessing event.

Sincerely,  
**RPG Resources, LLC**

A handwritten signature in blue ink that reads "Joseph Schultz". To the right of the signature is a circular professional seal for the State of Colorado. The seal contains the text "COLORADO LICENSED PROFESSIONAL ENGINEER" around the perimeter, "JOSEPH WILLIAM SCHULTZ" in the center, and the license number "51769" with the expiration date "11/17/2022" below it. There is a blue ink signature over the seal.

Joe Schultz, P.E.  
Business & Engineering Manager, Rockies Region

**Attachments:**

1. Flowline Abandon-in-Place Map
2. Field Observation Report



Parker  
21-33  
End B

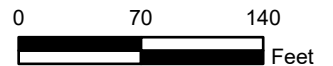
Parker  
21-33  
End A

Maxar, Microsoft

**FLOWLINE  
ABANDON-IN-PLACE  
MAP**

- Flowline Endpoint
- Flowline

Projection: WGS 1984  
Date: 11/10/2022  
Drafted by: BRH  
Revised:



1 inch equals 110 feet

# Flowline Abandonment Report



## Background Information

<b>Site/Well Pad Name:</b> Parker 21-33	<b>Date:</b> 11/02/2022
<b>AFE Number:</b> 22218	<b>Weather:</b> Partly cloudy, 65 degrees Fahrenheit, light wind
<b>RPG Consultant:</b> Jen Loyal, Brent Hoepner	<b>Site Contractor:</b> Laser Oil Field Services
<b>Location:</b> SEC33, T3N, R67W	<b>Contractor Foreman:</b> Tyler Novinger
<b>Client:</b> Civitas	<b>Sub Contractor:</b> None
<b>Arrival Time:</b> 08:20 AM	<b>Engineer:</b> Joe Schultz
<b>Departure Time:</b> 02:30 PM	<b>Site Visitors:</b> None
	<b>Equipment Onsite:</b> Two hydrovac trucks and one excavator

## Flowline Information

<b>Type:</b> Steel with fusion bond coating	<b>End A Location:</b> 40.187248, -104.897084
<b>Length:</b> Approximately 651 feet	<b>End B Location:</b> 40.186964, -104.899088
<b>Diameter:</b> 3 inches	
<b>Condition:</b> Good	
<b>Coating:</b> Fusion bond coating	

# Flowline Abandonment Report



## Construction Activities

### 105.e.1 Evacuate hydrocarbons or produced water

Was this step completed?

Yes

Date Completed:

11/02/2022

Start Date:

11/02/2022

End Date:

11/02/2022

Start Time:

08:50 AM

End Time:

08:57 AM

Volume of Water Used:

16.4 barrels

Additional Information:

### 105.e.2 Deplete to atmospheric pressure

Was this step completed?

Yes

Date Completed:

11/02/2022

**End A**

Uncapped?

Yes

Date Uncapped:

11/02/2022

Time Uncapped:

08:27 AM

**End B**

Uncapped?

Yes

Date Uncapped:

11/02/2022

Time Uncapped:

08:27 AM

Additional Information:

# Flowline Abandonment Report



## 105.e.3 Cut 3' below grade or depth of flowline transfer line, whichever is shallower

Was this step completed?

Yes

Date Completed:

11/02/2022

### End A

Depth of Flowline:

4.5 feet

Location of Cut End:

40.187248, -104.897084

### End B

Depth of Flowline:

4 feet

Location of Cut End:

40.196964, -104.899088

Additional Information:

## 105.e.4 Seal ends below grade

Was this step completed?

Yes

Date Completed:

11/02/2022

### End A

Method:

Cap

Type:

Threaded

Date:

11/02/2022

Time:

09:06 AM

### End B

Method:

Cap

Type:

Threaded

Date:

11/02/2022

Time:

09:10 AM

Additional Information:

Noteworthy Events:

Health, Safety and Environment:

Larger construction and mining equipment onsite while work was completed. RPG employees gave larger vehicles the right of way while walking and driving.



# Flowline Abandonment Report



Information		Photo
Photo #: Location: Description:	1 Wellhead End A post flushing operation	 <p>11/2/22, 9:07 AM +40.1872, -104.8971 Weld County</p>
Photo #: Location: Description:	2 End B End B post flushing operation	 <p>11/2/22, 9:12 AM +40.1870, -104.8991 Weld County</p>

# Flowline Abandonment Report



Information		Photo
Photo #: Location: Description:	3 Wellhead Hydrovac truck meter prior to flushing activity	 <p>11/2/22, 8:40 AM +40.1872,-104.8970 Weld County</p> <p>The image shows a close-up of a hydrovac truck meter. The meter is a circular gauge with a digital display in the center. The display shows the number '8.16'. Above the display, it says 'LIQUID LEVEL'. Below the display, it says 'SEELVEE SPECIAL' and 'GARNET MADE IN CANADA'. The meter is mounted on a dark, rusted metal panel. In the background, there are two circular lights, one red and one yellow.</p>
Photo #: Location: Description:	4 Wellhead Hydrovac truck meter post flushing activity	 <p>11/2/22, 8:59 AM +40.1872,-104.8967 Weld County</p> <p>The image shows a close-up of the same hydrovac truck meter as in photo 3. The digital display now shows the number '65.2'. The rest of the meter and its mounting are the same as in the previous photo.</p>