

Third Party Flowline Abandon in place Verification Letter

Parker 22-33 & 2-4-33

Client: Crestone Peak Resources Operating LLC

Location: Wellhead Line 33NWNW

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 referred to as Wellhead Line 33NWNW (Facility ID: 478466) and associated with the Parker 22-33 (API 123-20834) and Parker 2-4-33 (API 123-24751). Prior to this work being performed Form 27 Doc#403119680 was submitted and approved by the COGCC. 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 two (2) steel flowline with fusion bond coatings. The Parker 22-33 flowline has a diameter of 2.5 inches and the Parker 2-4-33 has a diameter of 3 inches. Both lines run parallel from the Parker 22-33 wellhead north to the Parker-63N67W 33NWNW (331523) oil and gas location. Approximately 990 linear feet was ABiP from the Parker 22-33 wellhead (noted as End A) to the point at End B. Approximately 964 linear feet was ABiP from the Parker 2-4-33 wellhead (noted as End A) to the point at End B. The remainder of flowline running north to the facility will be removed at a future date. Lastly, the section of flowline from the Parker 2-4-33 from the wellhead to the Parker 22-33 bell hole was removed at a previous date.

Field Observations (Rule 1105.e.)

I. Evacuation of Fluids

The lines were flushed using hydrovac trucks. A total of 20.1 barrels of freshwater was used to flush and evacuate the 2-4-33 flowline. A total of 15.2 barrels of freshwater was used to flush and evacuate the 22-33 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 9:20 AM and end B was uncapped at 9:20 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)

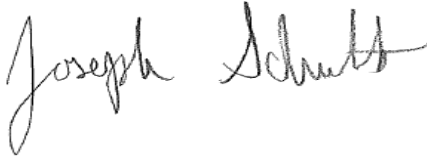
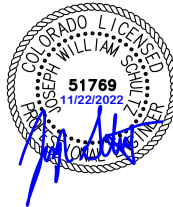
Both flowlines were cut at a depth of 4 feet bgs at End A and at a depth of 3 feet bgs at End B. End point coordinates were documents at both ends for both flowlines.

IV. Sealing of Pipe Ends

Both flowlines were 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 black ink that reads "Joseph Schultz".

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

Attachments:

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

CRESTONE PEAK RESOURCES OPERATING LLC

Parker 22-33 & 2-4-33

SEC 33, T3N, R67W, 6th P.M.

WELD COUNTY, COLORADO



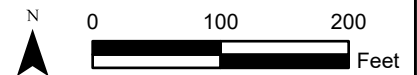
Map Location: C:\Users\bhooppner\Desktop\GIS_FOLDER_TEMPLATE

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**FLOWLINE
ABANDON-IN-PLACE
MAP**

- Flowline Endpoint
- Flowline

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



1 inch equals 150 feet

Flowline Abandonment Report



Background Information

Site/Well Pad Name: Parker 22-33 & Parker 2-4-33	Date: 11/02/2022
AFE Number: 22220 & 22221	Weather: Partly cloudy, 59 degrees Fahrenheit, light wind
RPG Consultant: Jen Loyal, Brent Hoepner	Site Contractor: Laser Oil Field Services
Location: SEC33, T3N, R67W	Contractor Foreman: Tyler Novinger
Client: Civitas	Sub Contractor: None
Arrival Time: 08:20 AM	Engineer: Joe Schultz
Departure Time: 02:30 PM	Site Visitors: None
	Equipment Onsite: Two hydrovac trucks and one excavator

Flowline Information

Type: Steel with fusion bond coating	End A Location: 22-33: 40.184162, -104.897712; 2-4-33: 40.184168, -104.897709
Length: 22-33: approximately 990 feet 2-4-33: approximately 964 feet	End B Location: 22-33: 40.186344, -104.899437; 2-4-33: 40.186344, -104.899420
Diameter: 22-33: 2.5 inches; 2-4-33: 3 inches	
Condition: Good	
Coating: 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:

2-4-33: 09:32 AM; 22-33: 11:30 AM

End Time:

2-4-33: 09:52 AM; 22-33: 11:48 AM

Volume of Water Used:

2-4-33: 20.1 barrels; 22-33: 15.2 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:

2-4-33: 09:20 AM; 22-33: 09:20 AM

End B

Uncapped?

Yes

Date Uncapped:

11/02/2022

Time Uncapped:

2-4-33: 09:20 AM; 22-33: 09:20 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 feet

Location of Cut End:

22-33: 40.184162, -104.897712; 2-4-33: 40.184168, -104.897709

End B

Depth of Flowline:

3 feet

Location of Cut End:

22-33: 40.186344, -104.899437; 2-4-33: 40.186344, -104.899420

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:

2-4-33: 10:12 AM; 22-33: 12:35 PM

End B

Method:

Cap

Type:

Threaded

Date:

11/02/2022

Time:

2-4-33: 10:12 AM; 22-33: 12:35 PM

Additional Information:



Noteworthy Events:

Health, Safety and Environment:

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



Flowline Abandonment Report



Information		Photo
Photo #: Location: Description:	1 2-4-33 & 22-3 wellhead 2-4-33 & 22-3 End A prior to flushing activity	 <p data-bbox="1291 388 1542 483">11/2/22, 9:20 AM +40.1841,-104.8977 Weld County</p>
Photo #: Location: Description:	2 Hydrovac truck at 2-4-33 wellhead Meter prior to flushing activity	 <p data-bbox="1250 955 1542 1060">11/2/22, 8:59 AM +40.1872,-104.8967 Weld County</p>



Flowline Abandonment Report



Information		Photo
Photo #: Location: Description:	3 Hydrovac truck at 2-4-33 wellhead Meter post flushing activity	 <p>11/2/22, 9:52 AM +40.1842,-104.8977 Weld County</p>
Photo #: Location: Description:	4 Vacuum truck at 22-33 wellhead Meter prior to flushing activity	 <p>11/2/22, 11:24 AM +40.1842,-104.8978 Weld County</p>

Flowline Abandonment Report



Information		Photo
Photo #: Location: Description:	5 Hydrovac truck at 22-33 wellhead Meter post flushing activity	 <p>11/2/22, 12:02 PM +40.1841,-104.8977 Weld County</p>
Photo #: Location: Description:	6 22-33 and 2-4-33 End B 22-33 and 2-4-33 End B	 <p>11/2/22, 10:02 AM +40.1863,-104.8994 Weld County</p>

Flowline Abandonment Report



Information		Photo
Photo #: Location: Description:	7 Wellhead 22-33 and 2-4-33 Ends A post flushing activity.	
Photo #: Location: Description:	8 Ends B 22-33 and 2-4-33 Ends B post flushing activity.	