

Third Party Flowline Abandon in place Verification Letter

Wardell 7A 3

Client: Crestone Peak Resources Operating LLC

Facility Name: Wellhead Line 7 SESE

Location: Sec7, T3N, R65W

Field Survey Date: 4/14/2023

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 Wardell 7A 3 oil and gas well (API 123-17610). Prior to this work being performed, Form 27 Doc#403278205 was submitted and approved by the COGCC. The abandonment work and associated witnessing was performed on April 14, 2023. The witnessing was conducted by a qualified Field Scientist (Jennifer Loyal), 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 Wardell 7A 3 flowline has a diameter of 2.86 inches. The flowline runs northeast from the wellhead (End A) to the Wardell 7A facility. Approximately 800 linear feet was ABiP from the Wardell 7A 3 wellhead to the separator at the facility (End B).

Field Observations (Rule 1105.e.)

I. Evacuation of Fluids

The line was flushed using two hydrovac trucks. A total of 11.92 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 9:40 AM and end B was uncapped at 9:52 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)

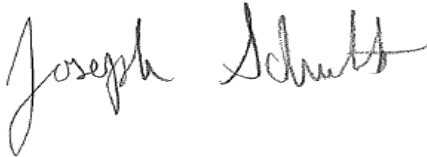
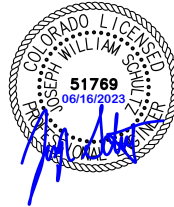
The flowline was cut 4.0 feet below ground surface at End A. At End B, the flowline was cut and plugged just above ground surface. End point coordinates were documented at both ends of the flowline.

IV. Sealing of Pipe Ends

At the time of the witnessing, the pipe ends had been plugged but would be sealed and capped at a later date and therefore this step was not observed.

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
WARDELL 7A 3
SEC 7, T3N, R65W, 6th P.M.
WELD COUNTY, COLORADO



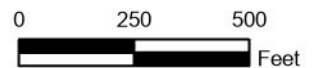
Map Location: S:\000 Projects\Civitas\ABIP\WardeLL 7A

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FLOWLINE ABANDON-IN-PLACE MAP

- Flowline Endpoint
- Flowline

Projection: WGS 1984
Date: 4/20/2023
Drafted by: BRH
Revised:



1 inch equals 417 feet

Flowline Abandonment Report



Background Information

Site/Well Pad Name: Wardell 7A #3	Date: 04/14/2023
AFE Number: 23172	Weather: 40 degrees, rain, 9 MPH winds
RPG Consultant: Jennifer Loyal	Site Contractor: Laser Oil Field Services
Location: T: 3N R: 65W S: 7	Contractor Foreman: Tyler Novinger
Client: Civitas	Sub Contractor: None
Arrival Time: 09:30 AM	Engineer: Joe Schultz
Departure Time: 11:30 AM	Site Visitors: None
	Equipment Onsite: One mini excavator and two hydro vac trucks

Flowline Information

Type: Steel with fusion bond coating	End A Location: 40.234276 °N, 104.703073 °W
Length: Approximately 900 feet	End B Location: 40.235295 °N, 104.700056 °W
Diameter: 2.86 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:

04/14/2023

Start Date:

04/14/2023

End Date:

04/14/2023

Start Time:

10:00 AM

End Time:

10:17 AM

Volume of Water Used:

11.92 barrels

Additional Information:

105.e.2 Deplete to atmospheric pressure

Was this step completed?

Yes

Date Completed:

04/14/2023

End A

Uncapped?

Yes

Date Uncapped:

04/14/2023

Time Uncapped:

09:40 AM

End B

Uncapped?

Yes

Date Uncapped:

04/14/2023

Time Uncapped:

09:52 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?

No

Comments:

Both End A and B were plugged at the time of observation. The flow lines were not cut or capped below grade.

105.e.4 Seal ends below grade

Was this step completed?

No

Comments:

Both End A and B were plugged at the time of observation.

Noteworthy Events:

Health, Safety and Environment:



Flowline Abandonment Report



Information		Photo
Photo #: Location: Description:	1 Wellhead Wardell 7A-3 sign	 <p data-bbox="1149 390 1539 491">Apr 14, 2023 at 9:53:35 AM Platteville CO 80651 United States</p>
Photo #: Location: Description:	2 Separator Wardell 7A-3 End B during flushing activity	 <p data-bbox="1136 1146 1539 1247">Apr 14, 2023 at 10:05:21 AM Platteville CO 80651 United States</p>

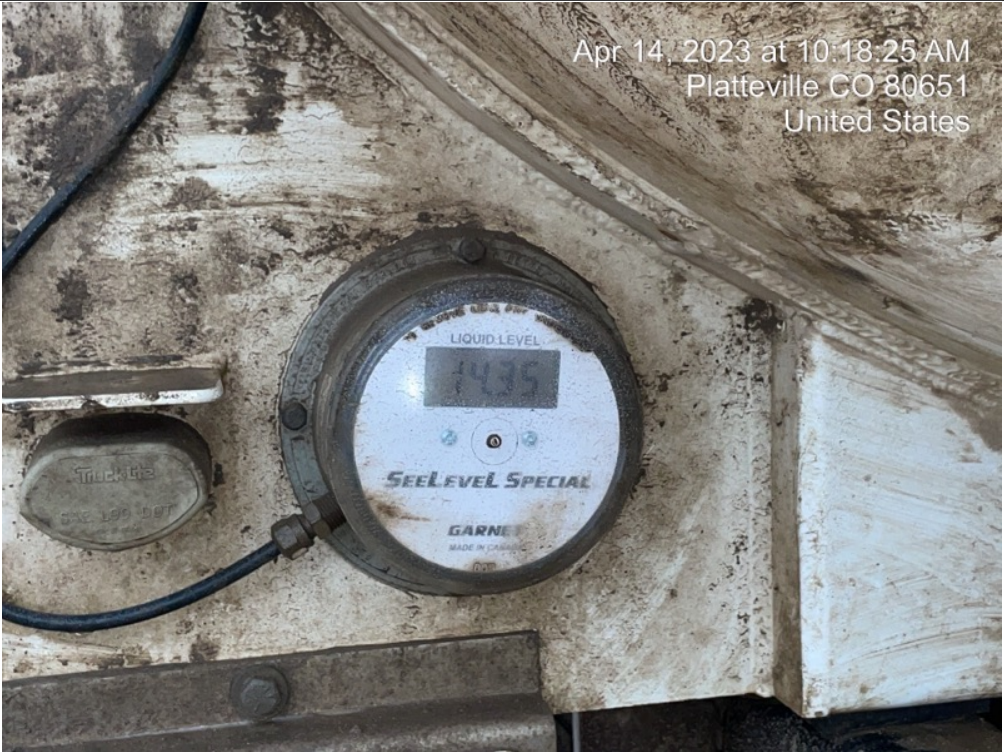

Flowline Abandonment Report



Information		Photo
Photo #: Location: Description:	3 Wellhead Wardell 7A-3 End A prior to flushing activity	 <p>Apr 14, 2023 at 9:53:45 AM Platteville CO 80651 United States</p>
Photo #: Location: Description:	4 Wellhead Meter on vacuum truck prior to flushing activity	 <p>Apr 14, 2023 at 9:56:44 AM Platteville CO 80651 United States</p>


Flowline Abandonment Report



Information		Photo
Photo #: Location: Description:	5 Wellhead Meter on vacuum truck post flushing activity	 <p data-bbox="1136 357 1542 462">Apr 14, 2023 at 10:18:25 AM Platteville CO 80651 United States</p>
Photo #: Location: Description:	6 Separator End B post flushing activity	 <p data-bbox="1136 1113 1542 1218">Apr 14, 2023 at 11:10:23 AM Platteville CO 80651 United States</p>

Flowline Abandonment Report



Information		Photo
Photo #: Location: Description:	7 Wellhead End A post flushing activity	 <p>Apr 14, 2023 at 10:24:34 AM Platteville CO 80651 United States</p> The photograph shows a wellhead in a rugged, eroded landscape. A blue pipe is visible, extending from the wellhead towards the foreground. The ground is composed of dark, rocky soil with some sparse, dry vegetation. The wellhead is partially obscured by the surrounding terrain.