

Third Party Flowline Abandon in place Verification Letter

Aristocrat Angus 1-4

Client: Crestone Peak Resources Operating LLC

Facility Name: Aristocrat Angus 1-4

Location: Sec4, T3N, R65W

Field Survey Date: 2/7/2023

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 Aristocrat Angus 1-4 oil and gas well (API 123-33468). Prior to this work being performed, Form 27 Doc#403234188 was submitted and approved by the COGCC. The abandonment work and associated witnessing was performed on February 7, 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 Aristocrat Angus 1-4 flowline has a diameter of 2.5 inches. The flowline runs west and south from the wellhead (End A) to the Aristocrat Angus 1-4 oil and gas location. Approximately 405 linear feet was ABiP from the Aristocrat Angus 1-4 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 33.6 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 9:45 AM and end B was uncapped at 9:45 AM per attached report, and released to atmospheric pressure. Upon fluid evacuation described above, the hydrovac hoses and valve sets were safely removed allowing the flanged pipe ends full exposure to normalize to atmospheric pressure.

III. Cutting of Flowline(s)

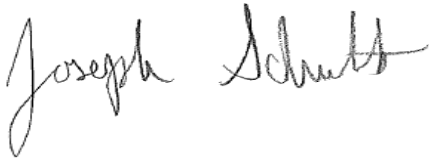
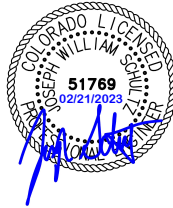
The flowline was cut just above ground surface at End A. At End B, the flowline was cut just above ground surface. This was done to ensure that the line could be safely located for future abandonments/removals of the other flowlines on location. End point coordinates were documented at both ends of the 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 flowline at End A and B was tagged with indicating the line is ABiP.

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

Sincerely,
RPG Resources, LLC

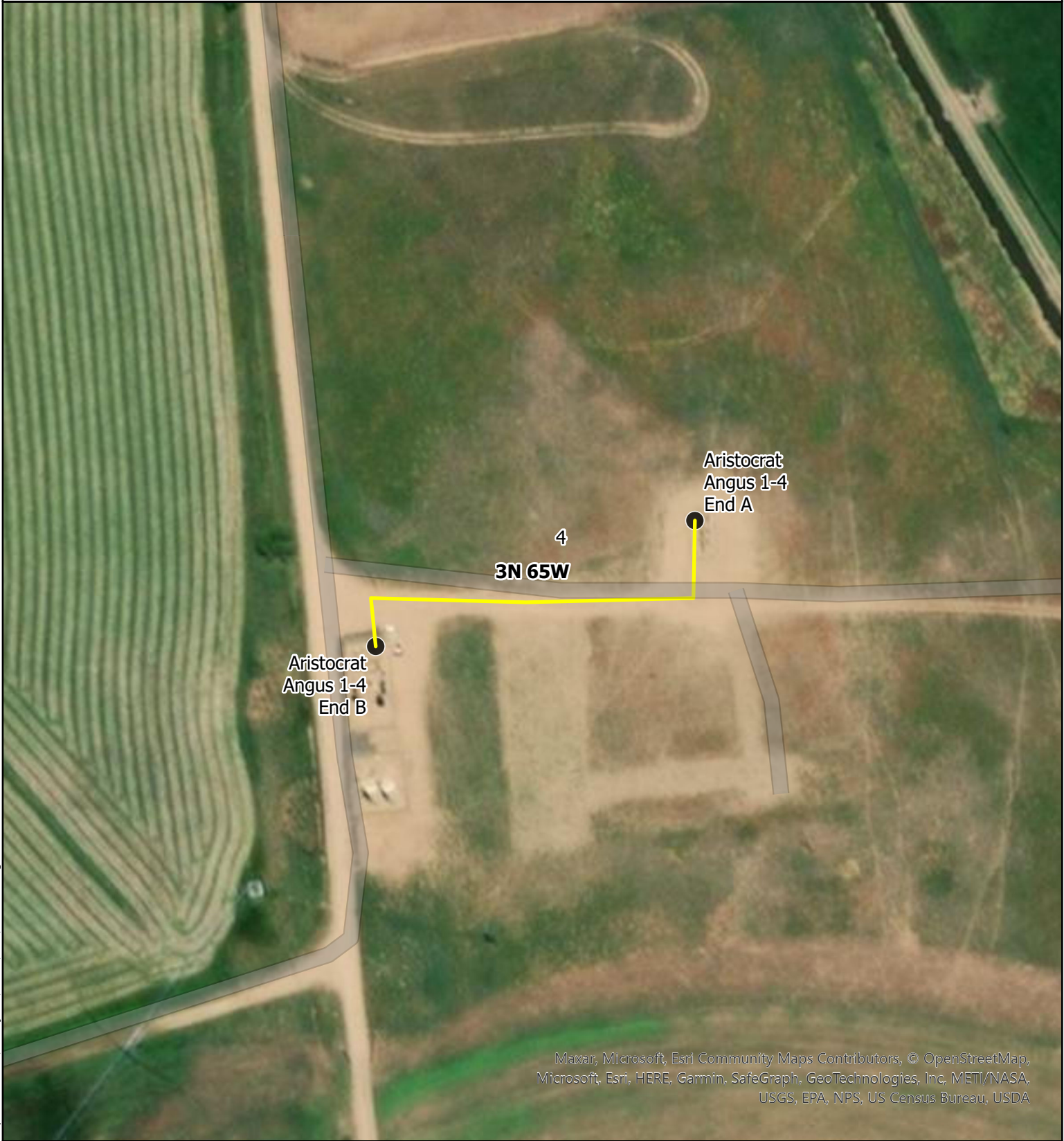
A handwritten signature in black ink that reads "Joseph Schultz".

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
ARISTOCRAT ANGUS 1-4
SEC 4, T3N, R65W, 6th P.M.
WELD COUNTY, COLORADO

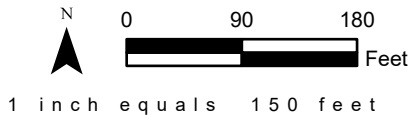


Map Location: S:\00 Projects\Civitas\ABIP\Aristocrat Angus 1-4

FLOWLINE
ABANDON-IN-PLACE
MAP

- Flowline Endpoint
- Flowline

Projection: WGS 1984
Date: 2/21/2023
Drafted by: RDB
Revised:



Flowline Abandonment Report



Background Information

Site/Well Pad Name:	Date:
Aristocrat Angus 1-4	02/07/2023
AFE Number:	Weather:
2022OXYWBI	45 degrees, sunny, light wind
RPG Consultant:	Site Contractor:
Jennifer Loyal	Laser Oil Field Services
Location:	Contractor Foreman:
Sec: 4 T: 3N R: 65W	Tyler Novinger
Client:	Sub Contractor:
Civitas	None
Arrival Time:	Engineer:
09:45 AM	Joe Schultz
Departure Time:	Site Visitors:
11:00 AM	None
	Equipment Onsite:
	Two hydro vac trucks

Flowline Information

Type:	End A Location:
Steel with fusion bond coating	40.259627 ° N, 104.663733 °W
Length:	End B Location:
Approximately 405 feet	40.259994 °N, 104.662747 °W
Diameter:	
2.5 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:

02/07/2023

Start Date:

02/07/2023

End Date:

02/07/2023

Start Time:

09:54 AM

End Time:

10:24 AM

Volume of Water Used:

33.6

Additional Information:

105.e.2 Deplete to atmospheric pressure

Was this step completed?

Yes

Date Completed:

02/07/2023

End A

Uncapped?

Yes

Date Uncapped:

02/07/2023

Time Uncapped:

09:45 AM

End B

Uncapped?

Yes

Date Uncapped:

02/07/2023

Time Uncapped:

09:45 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:

02/07/2023

End A

Depth of Flowline:

Surface

Location of Cut End:

40.259627 ° N, 104.663733 °W

End B

Depth of Flowline:

Surface

Location of Cut End:

40.259994 °N, 104.662747 °W

Additional Information:

105.e.4 Seal ends below grade

Was this step completed?

Yes

Date Completed:

02/07/2023

End A

Method:

Capped

Type:

Threaded

Date:

02/07/2023

Time:

10:28 AM

End B

Method:

Capped

Type:

Threaded

Date:

02/07/2023

Time:

10:32 AM

Additional Information:

Noteworthy Events:

None

Health, Safety and
Environment:

One way access road along the pad which held the wellhead contained a gate which was to remain closed at all times. Posted speed limits were 15 MPH. RPG employees maintained awareness of these safety rules as necessary.

Flowline Abandonment Report



Information		Photo
Photo #: Location: Description:	1 End B End B prior to flushing	A photograph of industrial equipment, likely a wellhead or valve assembly, situated in a snowy field. The equipment consists of various pipes, valves, and a large horizontal cylindrical tank. A black flexible hose is connected to one of the pipes. The ground is covered in snow, and there are some dark patches of soil or gravel visible. A timestamp overlay in the top right corner of the photo reads: "Feb 7, 2023 at 9:52:40 AM", "La Salle CO 80645", and "United States".


Flowline Abandonment Report



Information		Photo
Photo #: Location: Description:	2 End A End A prior to flushing	A photograph of a flowline abandonment site. In the foreground, a metal sign is partially buried in gravel. The sign has the Crestone Peak logo and text: "CRESTONE PEAK RESOURCES 303-659-7740", "ARISTOCRAT ANGUS 1-4", "NE/NE SEC. 4-T3N-R65W", and "WELD COUNTY, CO.". A red "DANGER" sign is also visible on the right side of the sign. A worker in a grey jacket and blue pants is standing behind a chain-link fence, working on a pipe. The background shows a gravel area and a fence. A timestamp in the top right corner of the photo reads: "Feb 7, 2023 at 9:54:29 AM", "La Salle CO, 80645", and "United States".

Flowline Abandonment Report



Information		Photo
<p>Photo #: Location: Description:</p>	<p>3 End B Meter on hydro vac truck located at End B prior to flushing activity</p>	 <p>Feb 7, 2023 at 9:52:28 AM La Salle CO 80645 United States</p>


Flowline Abandonment Report



Information		Photo
<p>Photo #: Location: Description:</p>	<p>4 End B Meter on hydro vac truck post flushing activity</p>	<p>Feb 7, 2023 at 10:25:35 AM La Salle CO 80645 United States</p> 

Flowline Abandonment Report



Information		Photo
<p>Photo #: Location: Description:</p>	<p>5 End B End B post flushing activity</p>	<p>Feb 7, 2023 at 10:34:10 AM La Salle CO 80645 United States</p>  A photograph showing industrial equipment, likely part of a flowline abandonment project, in a snowy field. The equipment consists of several vertical and horizontal pipes and valves, painted in a light tan or yellowish color. The ground is covered in snow, with some patches of brown earth visible. A small purple tag is attached to one of the pipes. The photo is taken from a low angle, looking up at the equipment.

Flowline Abandonment Report



Information		Photo
<p>Photo #:</p> <p>Location:</p> <p>Description:</p>	<p>End A</p> <p>End</p> <p>End A post flushing activity</p>	 <p>A photograph of a flowline abandonment site. In the foreground, a metal sign is planted in the ground. The sign has a logo at the top and text that reads: "CRESTONE PEAK", "303-659-7740", "ARISTOCRAT ANGUS 1-4", "NE/NE SEC. 4-T3N-R65W", and "WELD COUNTY, CO.". To the right of the sign is a red "NO TRESPASSING" sign. The ground is dirt and gravel. In the background, there is a chain-link fence and a body of water under a clear sky. A timestamp in the top right corner of the photo reads: "Feb 7, 2023 at 10:30:58 AM", "La Salle, CO 80645", and "United States".</p>