

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)

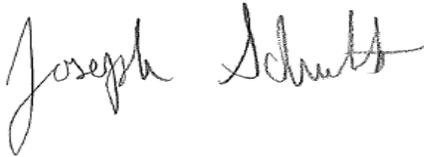
The flowline was cut just above ground surface at End A. At End B, the flowline was cut just above ground surface. This was done to ensure that the line could be safely located for future abandonments/removals of the other flowlines on location. End point coordinates were documented at both ends of the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

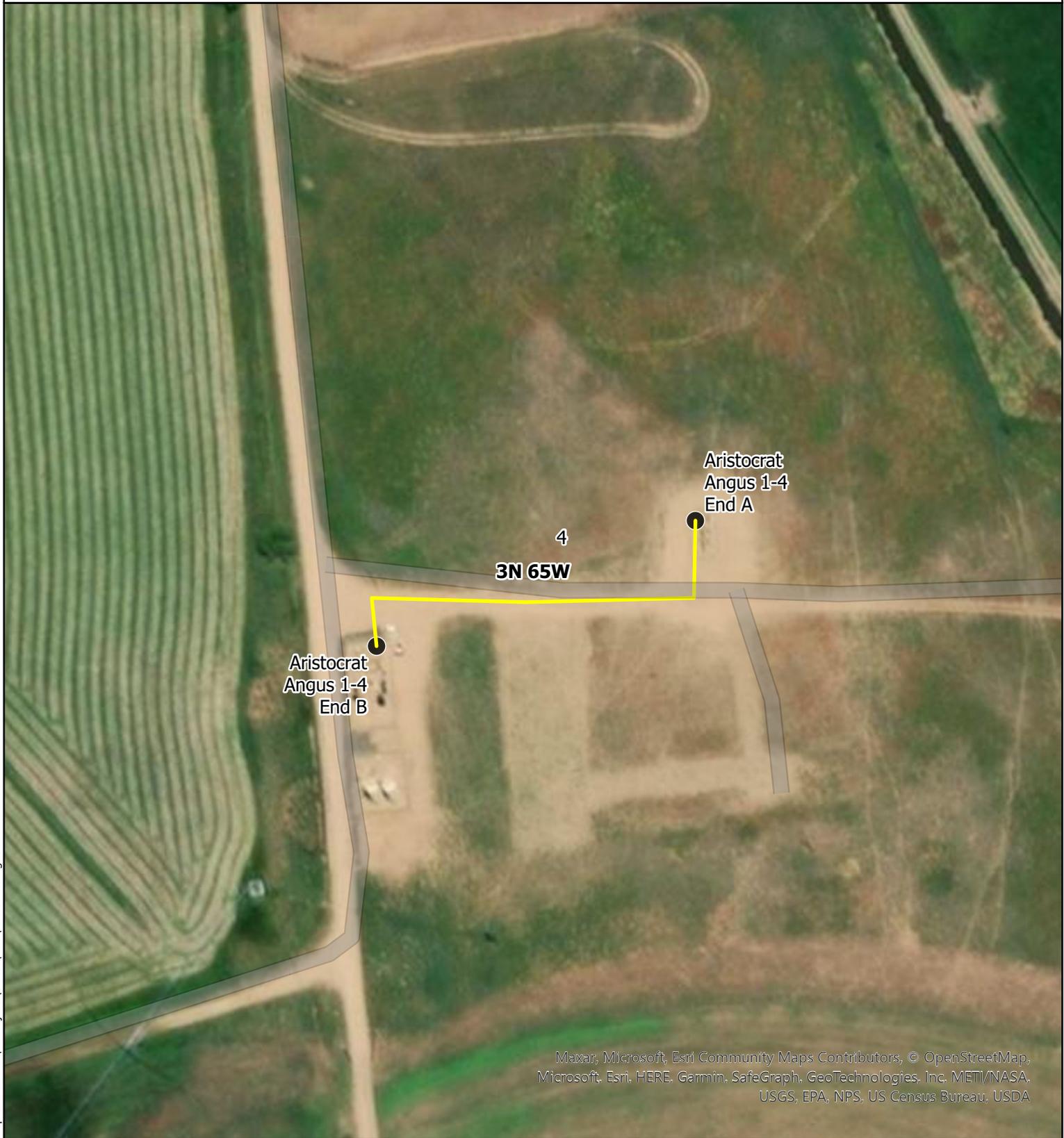


Joe Schultz, P.E.
Business & Engineering Manager, Rockies Region

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

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FLOWLINE ABANDON-IN-PLACE MAP

- Flowline Endpoint
- Flowline

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



1 inch equals 150 feet

Flowline Abandonment Report



Background Information

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

Flowline Information

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

Flowline Abandonment Report



Information		Photo
Photo #: Location: Description:	2 End A End A prior to flushing	

Flowline Abandonment Report



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

Flowline Abandonment Report



Information		Photo
Photo #: Location: Description:	4 End B Meter on hydro vac truck post flushing activity	<p data-bbox="1052 331 1563 464">Feb 7, 2023 at 10:25:35 AM La Salle CO 80645 United States</p> 

Flowline Abandonment Report



Information		Photo
Photo #: Location: Description:	5 End B End B post flushing activity	

Flowline Abandonment Report



Information		Photo
Photo #: Location: Description:	End A End End A post flushing activity	<p>Feb 7, 2023 at 10:30:58 AM La Salle, CO 80645 United States</p>