



## Southern Ute Indian Tribe Department of Energy Pipeline Abandonment Checklist

14929 Hwy 172 Ignacio, CO 81137

This checklist with original Notice of Intent to Abandon Pipeline (NOI) Form and all attachments are to be sent to the Southern Ute Indian Tribe's Department of Energy. Prior to DOE submitting a recommendation to the BIA to terminate the ROW an inspection may be conducted upon completion of the items on this checklist. Termination will not be approved until the ROW is stable and has the appropriate amount of desirable vegetation. Please submit this checklist with checklist items to SUIT DOE at: [abandonpipe@sudoe.us](mailto:abandonpipe@sudoe.us).

### **Form Checklist (All information on checklist must be present for contract termination to be accepted; attach documentation)**



#1 Accepted NOI



#2 Dates work was performed.



#3 Provide verification that all water, oil and gas pipelines have been fully drained; and if necessary in order to prevent a hazardous atmosphere; purged with air or inert gas; cut and sealed; at all end connections; and all portions of pipeline that are abandoned in place are greater than 30" below final grade.



#4 Photo documentation of cut points demonstrating pipe has been properly capped.



#5 Photo documentation that surface appurtenances have been removed.



#6 Photo documentation of seeding/mulching as needed and performed.



#7 Provide aerial map and shapefile detailing decommissioning work (i.e. cut points, abandoned lines in place, etc.).



#8 Documentation for addressing ROW surface inspection items.

### **Additional Comments**

All checklist items are provided below. GIS shapefiles for the decommissioning work have been attached to the email submitted with this documentation.

## ACME Water Disposal Pipeline Abandonment Checklist Items - NOI: 2021-0002

**Checklist Item #1** - *Accepted NOI*: Approved NOI Form 2021-0002 attached.

**Checklist Item #2** - *Dates work was performed*: October-November 2021.

**Checklist Item #3** - *Provide verification that all water, oil and gas pipelines have been fully drained; and if necessary, in order to prevent a hazardous atmosphere; purged with air or inert gas; cut and sealed; at all end connections; and all portions of pipeline that are abandoned in place are greater than 30" below final grade*: Water was removed from the pipeline in accordance with Section 5 of the approved NOI. Approximately 9BBL of water was recovered from the line. All pipe abandoned in place has been verified to be greater than 30 inches below final grade (Metro Tech), including all end connections which have been cut and capped.

**Checklist Item #4** - *Photo documentation of cut points demonstrating pipe has been properly capped*:

Cut/cap point at WTS – S end of line. Cut/Cap point is located at ~40" below final grade.



Cut/cap point near valve can – N end of line. Cut/Cap point is located at ~42" below final grade.





**Checklist Item #5 - Photo documentation that surface appurtenances have been removed:**

Valve Can at N end of line near tie-in with the trunk line has been removed.



WTS tank battery and tie-in removed.





**Checklist Item #6 - *Photo documentation seeding/mulching as needed and performed:***

Seeding and mulching: cut/cap point and removed valve can – N end of ROW.



Seeding and mulching: cut/cap point and removed piping at WTS – S end of ROW



**Checklist Item #7 - *Provide aerial map and shapefile detailing decommissioning work (i.e. cut points, abandoned lines in place, etc.):*** The map attached to the approved NOI is accurate (see attached). Abandonment work followed the scope of work as detailed in the approved NOI and was not changed. A shapefile of the map contents has been provided to DOE in the submission email for this document.

**Checklist Item #8 - *Documentation for addressing ROW inspection items:***

#1 Pipeline appurtenances present on ROW: The valve can and piping/valves associate with the WTS have been abandoned in accordance with the approved NOI. See checklist items 4, 5, & 6 above for site specific documentation as requested per the inspection report.

#3 Are there locations such as drainage crossings where pipeline depth will need to be verified? Pipeline depth verified to be at 43" below the lowest point in drainage utilizing a Metro Tech.

#9 Undesirable vegetation/noxious weeds controlled? Russian knapweed infestation was chemically treated on October 1, 2020. The chemical application log provided by the applicator is attached below.

## *Chemical Application Log*

## CHEMICAL APPLICATION LOG: ACME Water Disposal Line 10/01/2021

Licensed Commercial applicators are required to maintain accurate and legible records of each application made for hire. Registered limited commercial and public applicators must keep records of each pesticide application.

Records must include all of the following:

- Name/address for whom application was made.
- Location where application was made. For roadside weed control applications, the record shall include county or state road number and portion of roadside treated (reference mile markers or prominent features such as road intersections).
- Target pest. A general term is acceptable only if the pesticide label specifically refers to that exact term (such as "broadleaf weeds").
- Site, crop, commodity, or structure
- Specific pesticide(s) applied. This is accomplished by recording the EPA registration numbers(s) of the product but the brand name of the product may be included in the record.
- EPA registration # for all pesticides applied.
- Dilution rate. The amount of formulated product or active material per unit of volume of carrier (for example: 1.25 qts/100 gal or 0.37 oz/gal). If using an product out of a container that does not require mixing, record "no dilution", "aerosol", or RTU (ready-to-use) as applicable.
- Application rate in total gallons or pounds of tank mix applied per unit area (for example: 4 gal/1000 sq ft or 12 gal/A). Other entries that may be used, where appropriate, include: "crack and crevice", livestock "dip" or "spray", or "spray to wet" or "spray to runoff".
- Carrier, if not water.
- Date & time (within 1/2 hour) of application.
- Name of applicator. If an RUP application is performed by an applicator technician, the record must include names of both the technician and responsible on-site Qualified Supervisor.
- Endangered Species Protection Bulletin for the county and month, if required by the label.

If providing records for internal record-keeping, applicators may also want to include:

- Nozzles/spacing/PSI
- Wind speed, wind direction, temp, relative humidity
- Start/stop time
- WPS notification

[Record-keeping - Colorado Environmental Pesticide Education Program \(colostate.edu\)](https://colostate.edu/pesticide-education-program)



*Approved NOI Form 2021-0002*



## Southern Ute Indian Tribe Department of Energy Notice of Intent to Abandon Pipeline Form

**14929 Hwy 172 Ignacio, CO 81137**

The information below is to be sent to the Southern Ute Indian Tribe's Department of Energy to serve as notification of a ROW holder's intent to abandon or temporarily shut in a pipeline. One Notice of Intent to Abandon Pipeline (NOI) Form is to be submitted to DOE for each pipeline ROW associated with the abandonment project. DOE will conduct a field inspection on the pipeline ROW(s) associated with the NOI Form(s). DOE will notify the operator or ROW holder of the completed inspection and acceptance of the NOI Form(s). Upon completing the abandonment work, the operator will submit items listed in the DOE Pipeline Abandonment Checklist with original NOI Form attached for each approved NOI/ROW associated with the project. Submit Pipeline NOI Form and Checklist Form information to [abandonpipe@sudoe.us](mailto:abandonpipe@sudoe.us).

### 1. Operator Information

Company Name: Acme Energy Company

Phone: 970-123-1234

Address: 230 Valley View Circle

Mobile: 970-123-4567

City: Durango State: CO

Zip: 81301

Contact Person: Jane Doe

Email: jd@acmeenergy.com

### 2. Project Intent

#### Definitions: Pipeline Status

Permanently abandon: To permanently remove a pipeline from service and will not be put back into service in the future.

Abandon segment: To permanently abandon a segment of still active pipeline and that segment will not be put back into service.

Temporarily shut-in: To isolate a pipeline for more than 6 months, not to exceed 2 years.

#### Definitions: ROW Status

Partially abandon: To permanently abandon or abandon a segment of line in a still active ROW (i.e. abandonment of water line but not gas line).

Fully abandon: To permanently abandon all lines within the permitted ROW.

Describe intent of the project

To permanently abandon in place the Acme Water Disposal Line.

This line is 0.35 miles in length and is a produced water pipeline going from the Acme Water Transfer Station (WTS) to the operational Acme Water Trunk Line.

Acme Energy Co. has an active gas line in the same ROW to carry gas from the adjacent Acme Ute #1 well site.

This ROW will be partially abandoned.

The produced water pipeline will be cut/capped where it currently ties into the WTS (S end) and will be cut/capped at the valve can on the active trunk line ROW (N end)

The valve can for the disposal line will be removed.

The water disposal line will be abandoned at a minimum of 30" below final grade.

### 3. ROW Information (One form per ROW/Invoice Number)

Tribal Oil and Gas Lease Numbers:  
750-88-1234

\*\*\*The below information is included in your original Grant and/or Pipeline Worksheet.

ROW Name/Invoice Number: Acme Ute Gas Line and Water Disposal Line/ACM-01

Right-of-way is: Off Lease ☐ On Lease ☒

Right-of-way is: 1848 Feet 112 Rods or 0.35 Miles in Length  
40 Feet in Width 1.70 Acres

### 4. Pipeline Information (for pipelines downstream of custody transfer only)

2 Number of Pipes in ROW

4 Diameter of Pipe #1

☐ Natural Gas ☒ Produced Water Other: \_\_\_\_\_

☒ Steel ☐ Polyethylene ☐ Fiberglass Other: \_\_\_\_\_

4 Diameter of Pipe #2

☒ Natural Gas ☐ Produced Water Other: \_\_\_\_\_

☒ Steel ☐ Polyethylene ☐ Fiberglass Other: \_\_\_\_\_

#### Additional Pipelines or Other Information:

Pipeline #2 (Gas/Steel) is to remain operational.

### 5. Generally Describe Scope of Work Including Proposed Purge & Cap Method Relating to Map Requirements

1. Water will initially be drained by gravity.
2. Compressed air will be used to purge any pockets of produced water from low spots.
3. Connect water truck to line at the tie-in point on the trunk line ROW.
4. Connect air compressor to line at WTS.
5. ACME will verify that valves are properly positioned.
6. Blow down water line and record water volumes received at water truck.
7. Contractor to cut and cap lines so that pipeline will be 30" below final grade.
8. Seed and mulch ground disturbance at cut points.

\*Existing access roads and permitted Acme Pipeline ROW's will be used to access the project area.

\*ACME will provide an updated map of cut points (if necessary) and GIS shapefiles to DOE once the decommissioning work is completed.

### 6. Mapping Requirements for Midstream and Transmission Pipelines

- ☒ Full length of pipeline
- ☒ Legal description
- ☒ Lease boundary
- ☒ Portions of pipeline to be abandoned and or remain active if applicable
- ☒ Cut points and appurtenances to be removed and to remain in place if applicable



DOE Review and Approval (For DOE Use Only)

DOE Land Review and Approval: ☒

DOE E&P: Richard Gunnar Westerman

**Tribal Conditions of Approval:**

Please provide DOE with the items on the DOE Pipeline Abandonment Checklist and address any items that require action on the DOE Pipeline Abandonment Inspection report.



ACME Water Disposal Line

**Legend**

- ACME Water Disposal Line (Abandon in Place)
- Cut-Cap Location
- Operational Trunk Line
- Valve Can

Valve Can Cut-Cap Location

ACME Water Trasfer Station

Cut-Cap Location

ACME Ute 1 Well Site

SENW SEC5 T32N R11W

SWNE SEC5 T32N R11W

Lease #: 750-88-1234 (boundary outside of map area)