



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.

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



#1 Approved NOI



#2 Dates work was performed.



#3

Provide a separate stand-alone document signed by an authorized company employee/representative (not a vendor/consultant/contractor), who observed that the pipeline abandonment work was done in accordance with the approved NOI, verifying that all water, oil, and gas pipelines: have been fully drained, have been purged with air or inert gas as necessary to prevent a hazardous atmosphere, have been depleted to atmospheric pressure, have been abandoned in place greater than 36" below final grade, and have been properly cut and capped at all locations as indicated in the approved NOI.



#4

Photo documentation verifying that surface appurtenances have been removed and seeding/mulching has been performed.



#5

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



#6

Documentation for addressing pipeline abandonment 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 document.

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

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

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

Checklist Item #3 - *Provide a separate stand-alone document signed by an authorized company employee/representative (not a vendor/ consultant/contractor), who observed that the pipeline abandonment work was done in accordance with the approved NOI, verifying that all water, oil, and gas pipelines: have been fully drained, have been purged with air or inert gas as necessary to prevent a hazardous atmosphere, have been depleted to atmospheric pressure, have been abandoned in place greater than 36" below final grade, and have been properly cut and capped at all locations as indicated in the approved NOI*: See verification document attached.

I, Jane Doe, (*Operations Supervisor II – Acme Energy Company*) hereby certify that all statements and information provided below are true and correct to the best of my knowledge:

- The “Acme Ute Water Disposal Line” (pipeline) has been abandoned in accordance with the approved Notice of Intent to Abandon Pipeline (NOI) Form (2021-0002).
- The pipeline has been fully drained. Approximately 9BBL of water was recovered from the line.
- The pipeline has been purged with compressed air.
- The pipeline has been depleted to atmospheric pressure.
- The pipeline has been abandoned in place greater than 36” below final grade.
- The pipeline has been properly cut and capped at all locations as indicated in the approved NOI Form (2021-0002).

Signature: Jane Doe Date: 12/10/21

Checklist Item #4 - Photo documentation verifying that surface appurtenances have been removed and seeding/mulching has been performed:

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



WTS tank battery and tie-in valve at S end of line have been removed. Area has been seeded and mulched.



Checklist Item #5 - *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 #6 - *Documentation for addressing pipeline abandonment 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 line locator.

#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 \(colostate.edu\)](http://colostate.edu)

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 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.

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.

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 36" 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 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 from the pipeline by gravity.
2. Compressed air will be used to purge any pockets of produced water from low spots in the line.
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 deplete line to atmospheric pressure and cut-cap the line so that pipeline will be 36in or greater below final grade.
8. Backfill, recontour, and seed and mulch ground disturbance at cut-cap 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-cap 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: DOECP SIGNATURE

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

