



AE Order Number Banner

Report Description

This report shows an AE Order Number in Barcode format for purposes of scanning. The Barcode format is Code 39.



App Number: pCOH0808036315

1RP - 1817

SOUTHERN UNION GAS COMPANY

Basin Environmental Service Technologies, LLC

Environmental Site Summary

Project Name: Trunk "O" 30 Inch (IRP-1817)

GPS Coordinates: 32 30.258' N 103 17.165' W

Legal Description: Unit Letter: O Section: 5 Township: 21S Range: 36E

Depth to Ground Water: ~163'

Land Owner: State of New Mexico

Address: 2827 N. Dal Paso, Suite 117, Hobbs, NM, 88240

Approximate Date of Release: Unknown Approximate Volume of Release: Unknown

Type of Release: Natural Gas and Produced Water

Background Information: Southern Union Gas Services' Trunk "O" 30 Inch soil remediation site is the result of a failure in a section of 30" low-pressure, natural gas pipeline. The release was discovered on February 20, 2008. The initial Form C-141 indicated an unknown volume of natural gas and produced water was released. Remediation of the impacted area will follow the NMOCD Guidelines for Remediation of Spills, Leaks and Releases. The Trunk "O" 30-Inch has been selected for immediate remediation.

Summary of Field Activities: Beginning March 5, 2008, heavily impacted material was excavated from the release site and hauled to an approved disposal facility. Soil samples collected from the floor of the excavation indicated elevated chloride concentrations exist at greater than 14' below ground surface (bgs). It was determined that the advancement of one or more soil borings would be required to determine the vertical extent of soil impact.

Purpose of Soil Boring/Monitor Well Installation: As per the NMOCD's Guidelines for Remediation of Spills, Leaks and Releases, the vertical extent of soil impact and the status of the groundwater must be determined before developing a remediation strategy and advancing the site toward closure. It was decided that the advancement of one or more soil borings would be required to determine the vertical extent of soil impact. If during the advancement of the proposed soil boring it is determined that groundwater may have been impacted, the affected soil boring(s) may be converted into a 2" monitor well to facilitate groundwater sampling and remediation.

Proposed Soil Boring/Monitor Well Locations:

<u>~32.503743</u>	<u>N</u>	<u>~103.285963</u>	<u>W</u>
<u>~32.503726</u>	<u>N</u>	<u>~103.286125</u>	<u>W</u>
<u>~32.503885</u>	<u>N</u>	<u>~103.285993</u>	<u>W</u>
<u>~32.503605</u>	<u>N</u>	<u>~103.285934</u>	<u>W</u>
<u>~32.504033</u>	<u>N</u>	<u>~103.286028</u>	<u>W</u>

Description:

SB-1 (Adjacent to inferred release point)
SB-2 (Approximately 50' west of inferred release point)
SB-3 (Approximately 50' north of inferred release point)
SB-4 (Approximately 50' south of inferred release point)
SB-5 (Approximately 100' north of inferred release point)

Attachments:

- Attachment #1: Site Location Map
- Attachment #2: Site & Sample Location Map
- Attachment #3: Land Owner Access Agreement

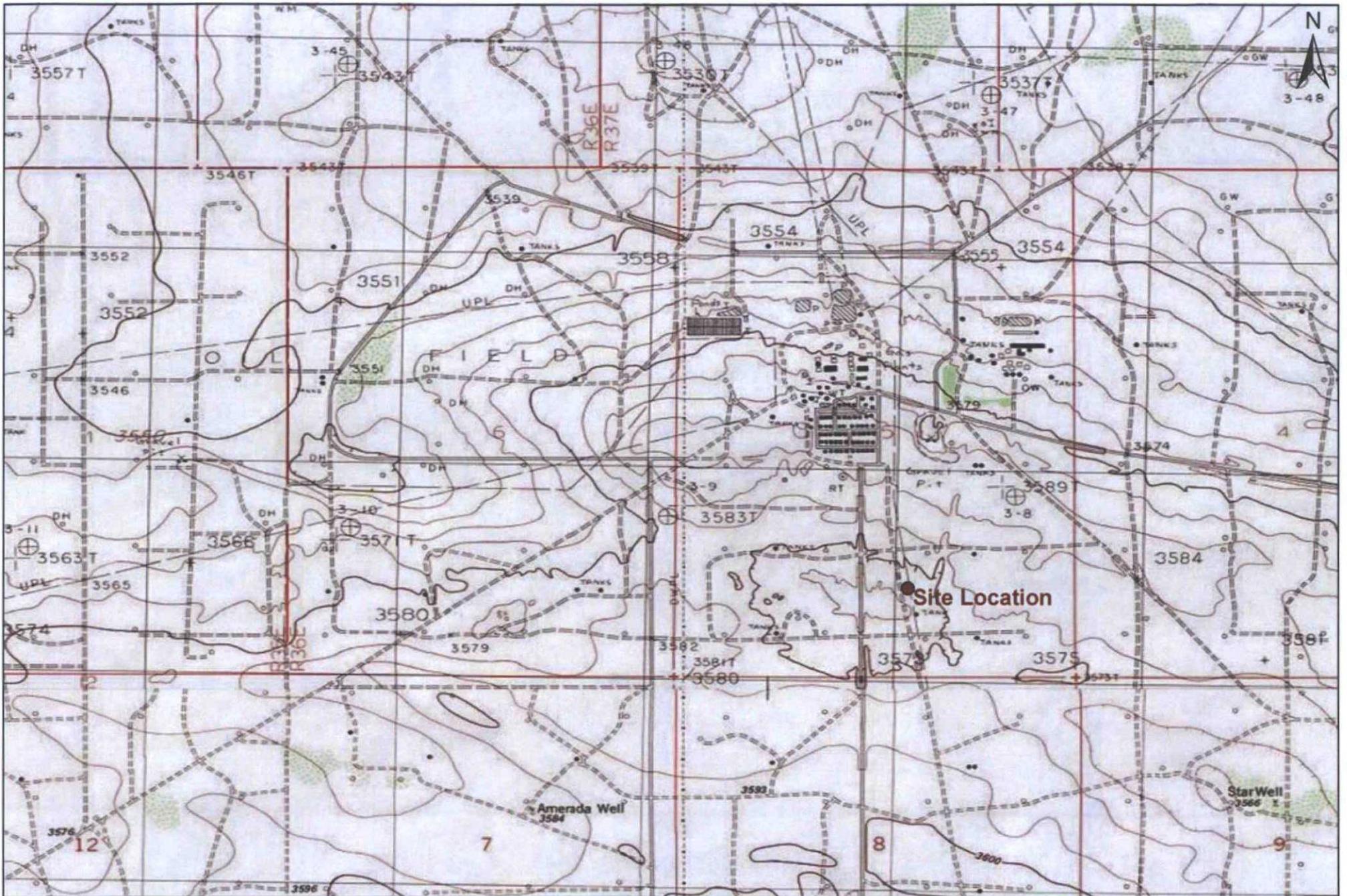


Figure 1
Site Location Map
 Southern Union Gas Services
 Trunk "O" 30-Inch
 Lea County, New Mexico
 NMOCD Reference #: 1RP-1817



Basin Environmental Service Technologies, LLC
 3100 Plains Hwy.
 Lovington, NM 88260

Drawn By: BJA	Checked By: JWL
October 17, 2012	Scale: 1" = 2000'

1,000 500 0 1,000 2,000
 Distance in Feet



Legend:

⊙ Proposed Soil Boring

Figure 2
 Proposed Soil Boring Location Map
 Southern Union Gas Services
 Trunk "O" 30-Inch
 NMOCD Ref RP-1817
 Lea County, New Mexico

Basin Environmental Services

Prep By: JWJ	Checked By: BJA
October 15, 2012	Scale 1"=50'