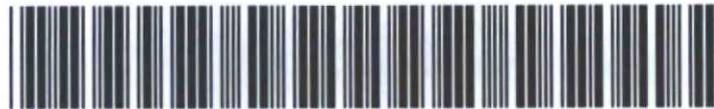




AE Order Number Banner

Report Description

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



App Number: pPAC0722130726

1RP - 1523

SOUTHERN UNION GAS COMPANY

Basin Environmental Service Technologies, LLC

Environmental Site Summary

Project Name: Trunk "O" #5 (RP-1523)

GPS Coordinates: 32 20.714' N 103 15.256' W

Legal Description: Unit Letter: K Section: 34 Township: 22S Range: 36E

Depth to Ground Water: >150'

Land Owner: Beverly Jean Bull

Address: 1038 Camellia Lane, New Braunfels, TX, 78130

Approximate Date of Release: 7/23/2007

Approximate Volume of Release: 550 bbls Fluid, 945 MCF Gas

Type of Release: Fluid and Natural Gas

Background Information: Southern Union Gas Services Trunk "O" #5 soil remediation site is the result of a failure in a section of 30" low-pressure, natural gas pipeline. The release occurred on July 27, 2007, and was reported to the NMOCD immediately. The initial Form C-141 indicated approximately 550 bbls of fluid was released, with 500 bbls having been recovered. Remediation of the impacted area will follow the NMOCD Guidelines for Remediation of Spills, Leaks and Releases. The Trunk "O" #5 has been selected for immediate remediation.

Summary of Field Activities: In October 2012, Basin conducted a site investigation in an effort to determine if any contaminants were left in place. During the site investigation a series of Test Trenches were advanced in the to evaluate the vertical and horizontal extent of soil impact. While the horizontal extent of impact was able to be determined, field tests indicate elevated concentrations of chloride exists below 10' bgs. A hard rock layer prevented heavy equipment from excavating the test trenches any further. 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 determined 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>~32.345165</u>	<u>N</u>	<u>~103.254304</u>	<u>W</u>
<u>~32.345242</u>	<u>N</u>	<u>~103.254308</u>	<u>W</u>
<u>~32.345113</u>	<u>N</u>	<u>~103.254385</u>	<u>W</u>
<u>~32.344962</u>	<u>N</u>	<u>~103.254361</u>	<u>W</u>
<u>~32.344825</u>	<u>N</u>	<u>~103.254337</u>	<u>W</u>

Description:

<u>SB-1 (Inferred center of impacted area)</u>
<u>SB-2 (North of inferred center of impacted area)</u>
<u>SB-3 (Southwest of inferred center of impacted area)</u>
<u>SB-4 (Inferred center of release flowpath)</u>
<u>SB-5 (Southern terminus of release flowpath)</u>

Attachments:

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

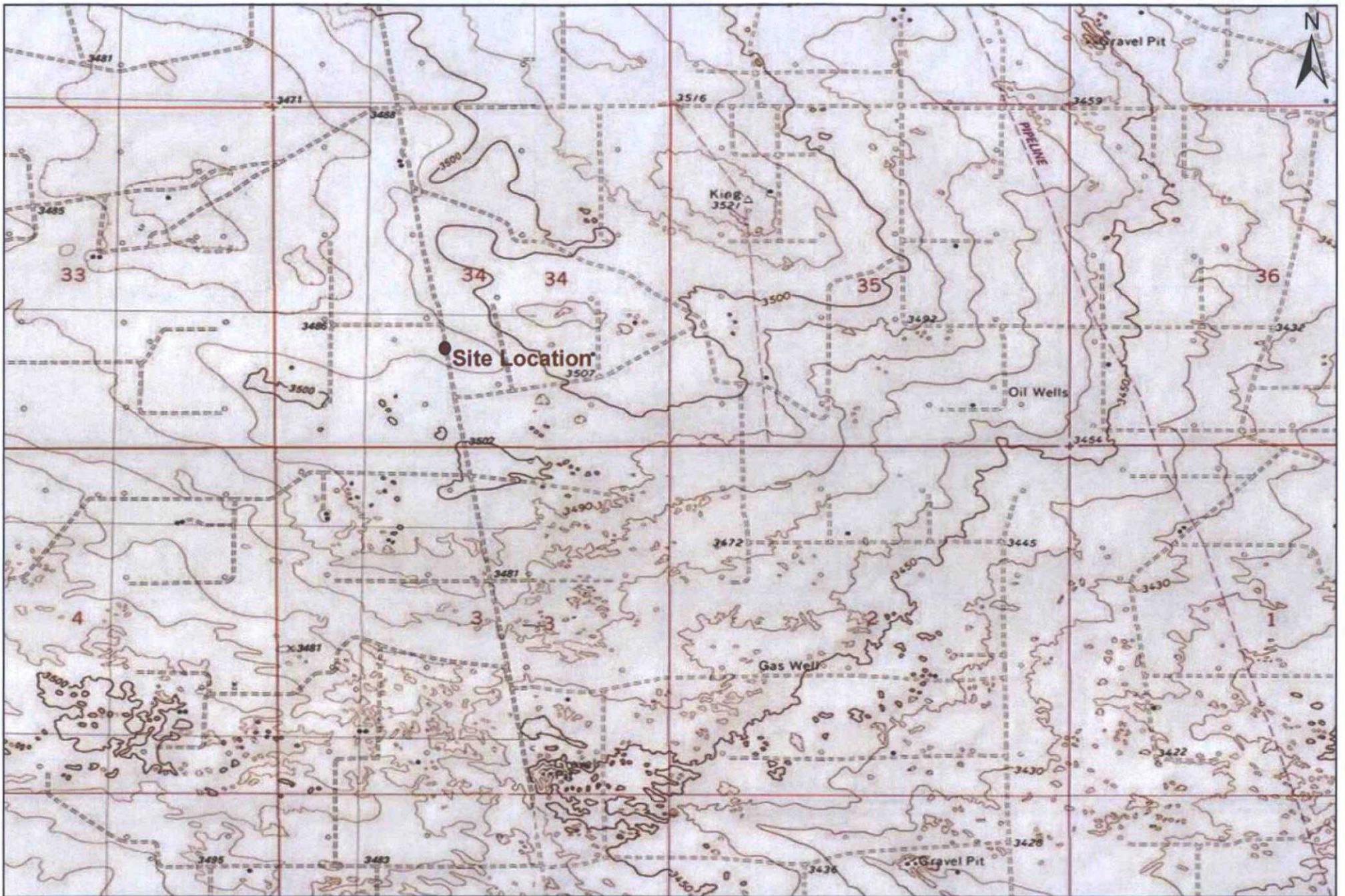
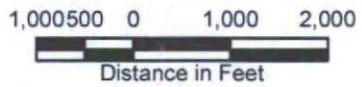


Figure 1
Site Location Map
 Southern Union Gas Services
 Trunk "O" #5 Historical
 Lea County, New Mexico
 NMOCD Reference #: 1RP-1523



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



Drawn By: BJA	Checked By: JWL
October 16, 2012	Scale: 1" = 2000'



Legend:

○ Proposed Soil Boring

Figure 2
 Proposed Soil Boring Location Map
 Southern Union Gas Services
 Trunk "O" #5
 NMOCD Ref RP-1523
 Lea County, New Mexico

Basin Environmental Services

Prep By: JWL

Checked By: BJA

October 9, 2012

Scale 1"=30'