



# 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: pPAC0632156431**

**1RP - 1127**

**SOUTHERN UNION GAS COMPANY**

# Basin Environmental Service Technologies, LLC

## Environmental Site Summary

Project Name: A-14 6" (RP-1127)

GPS Coordinates: 32 19.563' N 103 30.334' W

Legal Description: Unit Letter: B Section: 7 Township: 23S Range: 34E

Depth to Ground Water: ~329'

Land Owner: Federal (BLM)

Address: 620 East Greene St., Carlsbad, NM, 88220

Approximate Date of Release: Unknown

Approximate Volume of Release: 7 bbls crude oil, 90 mcf gas

Type of Release: Crude Oil and Natural Gas

**Background Information:** Southern Union Gas Services' A-14 6" Remediation Site is a result of a failure in a section of 6" steel natural gas gathering pipeline. The initial Form C-141, filed November 18, 2006, indicated approximately 7 bbls of crude oil and 90 mcf of natural gas was released. Remediation of the impacted area will follow the NMOCD Guidelines for Remediation of Spills, Leaks and Releases. The A-14 6" Line has been selected for immediate remediation.

**Summary of Field Activities:** Beginning January 2007, remediation activities were conducted on the A-14 6" by an environmental contractor that is no longer affiliated with the site. Soil samples collected on 01/03/2007 and 1/29/2007 indicate elevated concentrations of Total Petroleum Hydrocarbons (TPH) and chloride may be present at greater than 15' bgs 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 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:

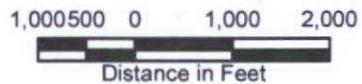
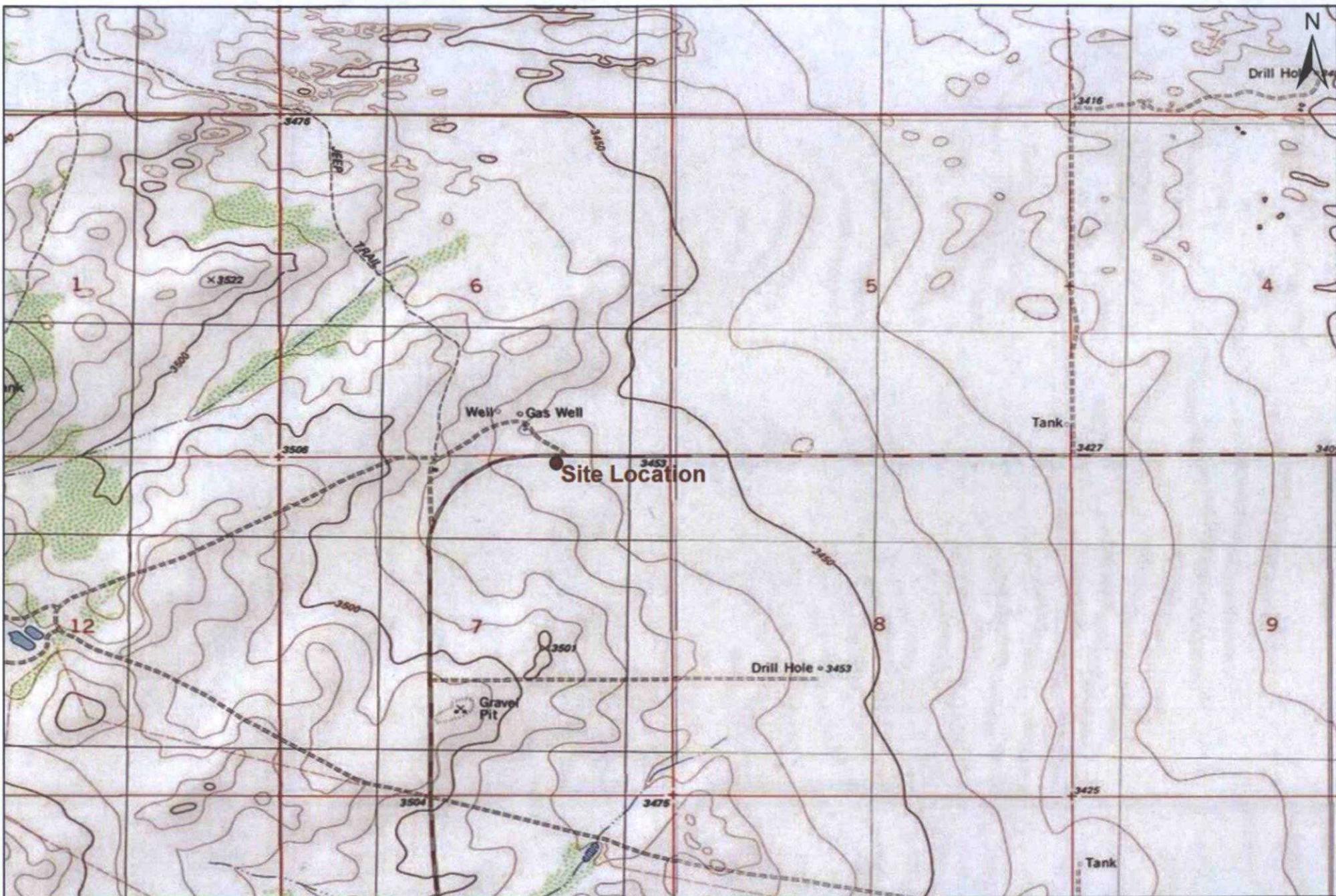
<u>~32.326059</u>	<u>N</u>	<u>~103.505568</u>	<u>W</u>
<u>~32.325973</u>	<u>N</u>	<u>~103.505444</u>	<u>W</u>
<u>~32.325896</u>	<u>N</u>	<u>~103.505337</u>	<u>W</u>
<u>~32.325822</u>	<u>N</u>	<u>~103.505227</u>	<u>W</u>
<u>~32.325745</u>	<u>N</u>	<u>~103.505120</u>	<u>W</u>

### Description:

<u>SB-1 (Adjacent to inferred release point)</u>
<u>SB-2 (~50' southeast of release point within inferred flowpath)</u>
<u>SB-3 (~100' southeast of release point within inferred flowpath)</u>
<u>SB-4 (~150' southeast of release point within inferred flowpath)</u>
<u>SB-5 (~200' southeast of release point within inferred 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  
 A-14 6" Line Historical  
 Lea County, New Mexico  
 NMOCD Reference #: 1RP-1127



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

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



map data © 2012 Google, Imagery © 2012 Google, Data © 2012 Google, All rights reserved. 39.325847, -109.505331, elev: 3460 ft

**Legend:**  
 ● Proposed Soil Boring

**Figure 2**  
 Proposed Soil Boring Location Map  
 Southern Union Gas Services  
 A-14 6" Line  
 NMOCD Ref RP-1127  
 Lea County, New Mexico

**Basin Environmental Services**

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