



# 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:** pGRL0914241434

**1RP - 2184**

**CANO PETRO OF NEW MEXICO, INC.**

# Basin Environmental Service Technologies, LLC

## Environmental Site Summary

Project Name: L-5 to MF (RP-2184)

GPS Coordinates: 32 28.326' N 103 09.077' W

Legal Description: Unit Letter: O Section: 15 Township: 21S Range: 37E

Depth to Ground Water: <50'

Land Owner: Millard Deck Estate

Address: P.O. Box 270 Midland, TX, 79702

Approximate Date of Release: Unknown

Approximate Volume of Release: 5+ bbls Crude, 50+ mcf gas

Type of Release: Crude Oil and Natural Gas

**Background Information:** Southern Union Gas Services' L-5 to MF soil remediation site is the result of a failure in a section of 10" low-pressure, natural gas pipeline. The release was discovered on January 7, 2009. The initial Form C-141 indicated greater than 5 bbls of oil was released along with greater than 50 mcf of gas. Remediation of the impacted area will follow the NMOCD Guidelines for Remediation of Spills, Leaks and Releases. The L-5 to MF has been selected for immediate remediation.

**Summary of Field Activities:** Beginning March 30, 2009, heavily impacted material was excavated from the release site and hauled to an approved disposal facility. Soil samples collected on April 22, 2009, from the floor of the excavation indicated elevated concentrations Total Petroleum Hydrocarbons exist at greater than 26' below ground surface. 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:

### Description:

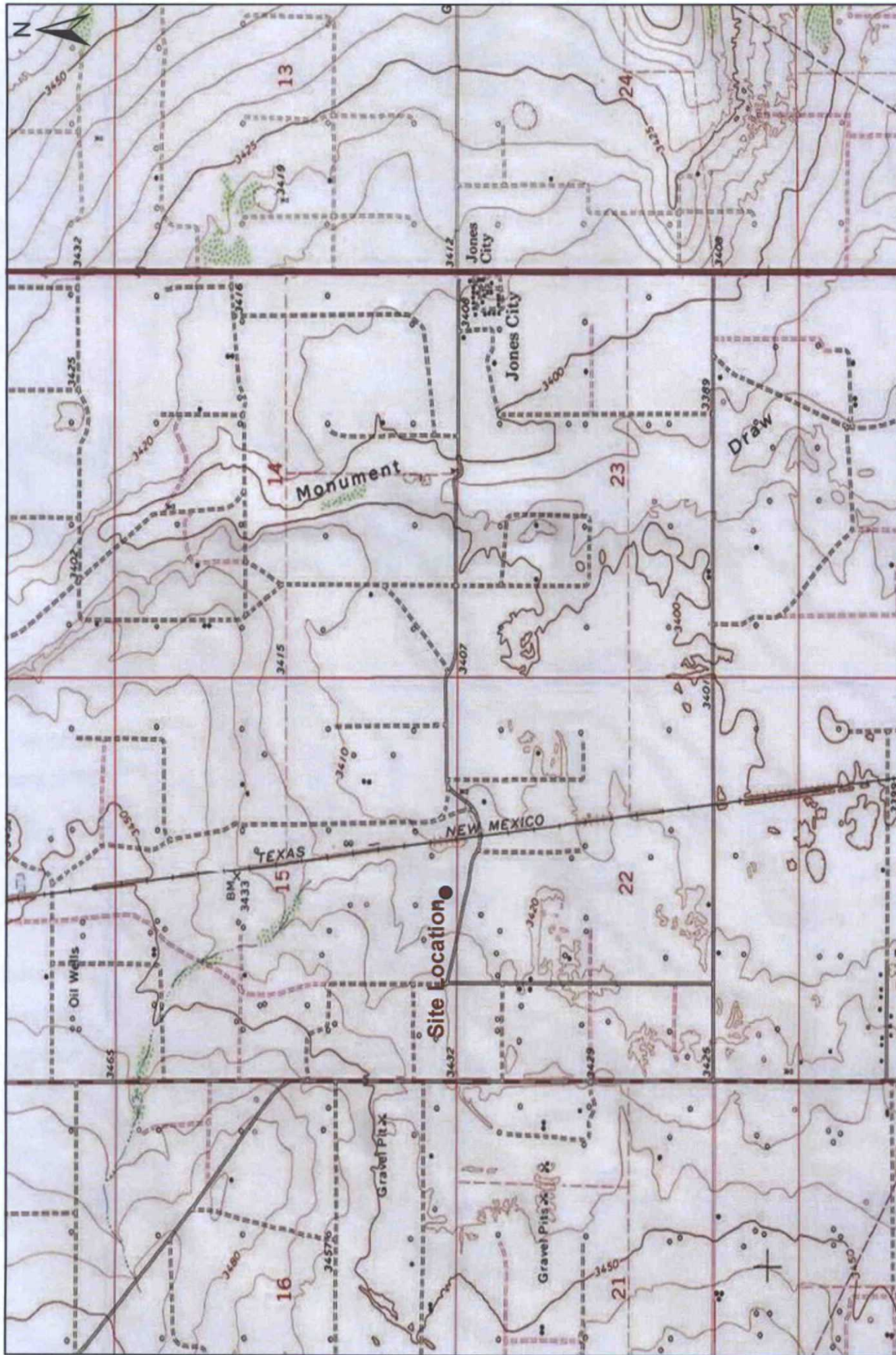
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~32.345242	N	~103.254308	W
~32.345113	N	~103.254385	W
~32.344962	N	~103.254361	W
~32.344825	N	~103.254337	W

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


### 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**  
**L-5 to MF Historical**  
**Lea County, New Mexico**  
**NMOCD Reference #: 1RP-2184**



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

1,000 500 0 1,000 2,000



Distance in Feet





# Basin Environmental Services

Figure 2  
Proposed Soil Boring Location Map  
Southern Union Gas Services  
L-5 to MF  
NMOCD Ref RP-2184  
Lea County, New Mexico

- Legend:
- Proposed Soil Boring

Prep By: JWL	Checked By: BJA
October 9, 2012	Scale 1"=30'