

TABLE 1

CONCENTRATIONS OF BENZENE, BTEX, TPH AND CHLORIDE IN SOIL

SOUTHERN UNION GAS SERVICES
CALIFORNIA "B" HISTORICAL RELEASE SITE
LEA COUNTY, NEW MEXICO
NMOCD # 1RP-2698

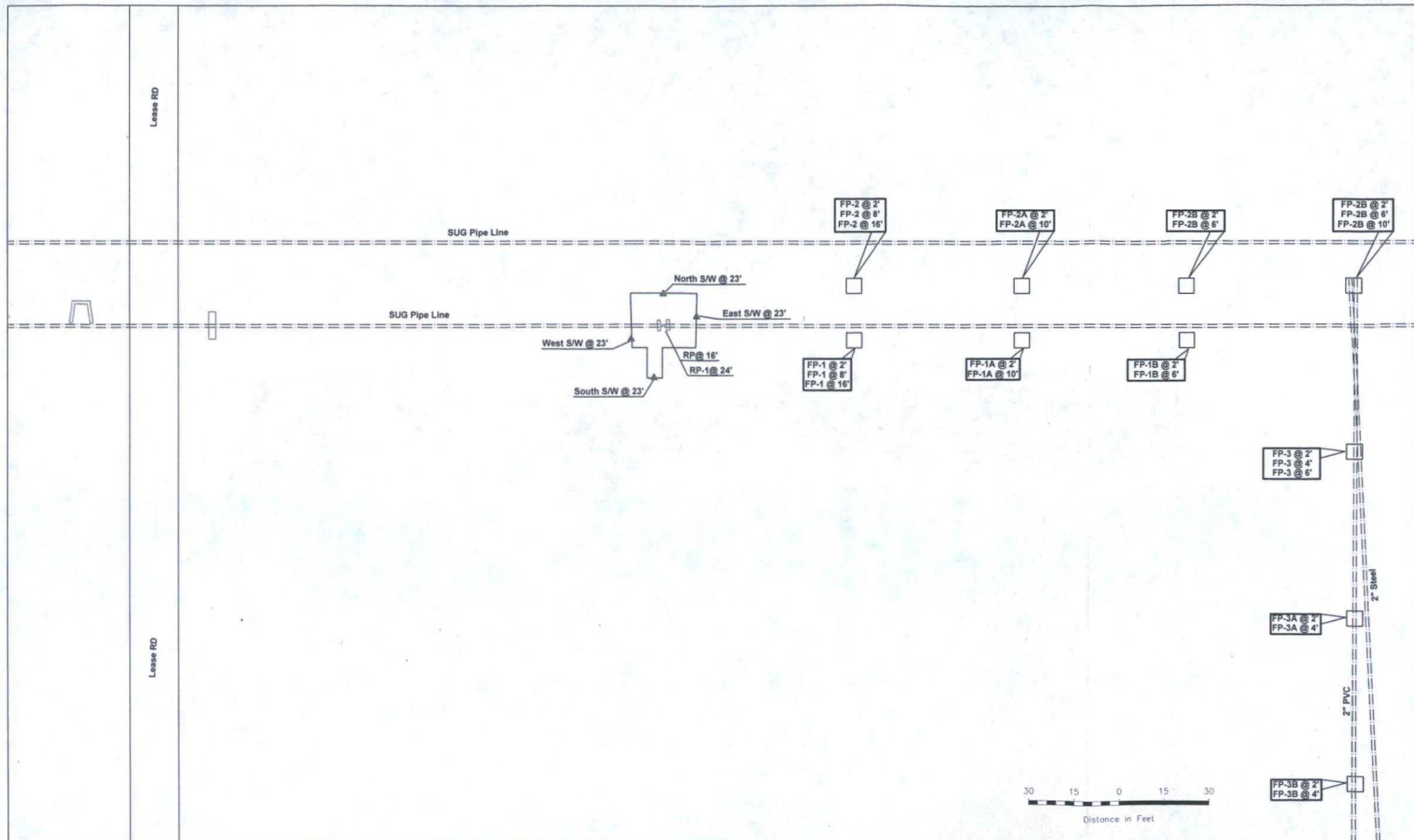
All concentrations are reported in mg/Kg

SAMPLE LOCATION	SAMPLE DATE	METHODS: SW 846-8021b						METHOD: SW 8015M				E 300.1
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE	TOTAL BTEX	TPH GRO C ₆ -C ₁₂	TPH DRO C ₁₂ -C ₂₈	TPH ORO C ₂₈ -C ₃₅	TOTAL TPH C ₆ -C ₃₅	CHLORIDE
Road-1 Surface	02/27/13	<0.00100	<0.00200	<0.00100	<0.00200	<0.00100	<0.00200	<25.3	<25.3	<25.3	<25.3	5.46
Road-1 @ 6'	02/27/13	<0.00100	<0.00200	<0.00100	<0.00200	<0.00100	<0.00200	<26.0	<26.0	<26.0	<26.0	421
Road-1 @ 12'	02/27/13	<0.00100	<0.00200	<0.00100	<0.00200	<0.00100	<0.00200	<25.5	<25.5	<25.5	<25.5	153
Road-1 West S/W @ 11'	02/27/13	<0.00100	<0.00200	<0.00100	<0.00200	<0.00100	<0.00200	<25.5	<25.5	<25.5	<25.5	35.7
Road-2 Surface	02/27/13	<0.00100	<0.00200	<0.00100	<0.00200	<0.00100	<0.00200	<27.2	<27.2	<27.2	<27.2	10.9
Road-2 @ 6'	02/27/13	<0.00100	<0.00200	<0.00100	<0.00200	<0.00100	<0.00200	<26.3	<26.3	<26.3	<26.3	499
Road-2 @ 14'	02/27/13	<0.00100	<0.00200	<0.00100	<0.00200	<0.00100	<0.00200	<25.3	<25.3	<25.3	<25.3	111
Release Point Road Surface	02/27/13	<0.00100	<0.00200	<0.00100	<0.00200	<0.00100	<0.00200	<25.8	<25.8	<25.8	<25.8	37.1
Release Point Road @ 2'	02/27/13	<0.00100	<0.00200	<0.00100	<0.00200	<0.00100	<0.00200	<25.3	<25.3	<25.3	<25.3	-
Release Point Road @ 4'	02/27/13	<0.00100	<0.00200	<0.00100	<0.00200	<0.00100	<0.00200	<26.6	<26.6	<26.6	<26.6	-
Release Point Road @ 6'	02/27/13	<0.00100	<0.00200	<0.00100	0.00228	<0.00100	0.00228	<26.0	<26.0	<26.0	<26.0	-
Release Point Road @ 8'	02/27/13	<0.00100	<0.00200	0.00298	0.00571	<0.00100	0.00869	<26.0	<26.0	<26.0	<26.0	423
Release Point Road @ 10'	02/27/13	<0.00100	<0.00200	0.00191	0.00372	<0.00100	0.00563	<25.5	<25.5	<25.5	<25.5	-
Release Point Road @ 12'	02/27/13	<0.00100	<0.00200	<0.00100	0.00315	<0.00100	0.00315	<25.5	<25.5	<25.5	<25.5	191
Road-3 Surface	02/27/13	<0.00100	<0.00200	<0.00100	0.0140	<0.00100	0.0140	<25.8	<25.8	<25.8	<25.8	43.8
Road-3 @ 2'	02/27/13	<0.00100	<0.00200	<0.00100	0.0336	<0.00100	0.0336	46.0	29.6	<25.3	75.6	-
Road-3 @ 4'	02/27/13	<0.00100	<0.00200	<0.00100	0.111	0.00144	0.11244	32.6	55.2	<26.9	87.8	-
Road-3 @ 6'	02/27/13	<0.00100	<0.00200	<0.00100	0.0207	<0.00100	0.0207	<26.0	32.9	<26.0	32.9	-
Road-3 @ 8'	02/27/13	<0.00100	<0.00200	0.00264	0.00648	<0.00100	0.00912	<25.8	<25.8	<25.8	<25.8	264
Road-3 @ 10'	02/27/13	<0.00100	<0.00200	<0.00100	<0.00200	<0.00100	<0.00200	<25.5	<25.5	<25.5	<25.5	-
Road-3 @ 12'	02/27/13	<0.00100	<0.00200	0.00216	0.00622	<0.00100	0.00838	<25.3	<25.3	<25.3	<25.3	140
Road-4 Surface	02/28/13	<0.00100	<0.00200	0.00203	0.0319	0.0227	0.05663	<25.8	<25.8	<25.8	<25.8	16.8
Road-4 @ 2'	02/28/13	<0.00100	<0.00200	<0.00100	0.0435	<0.00100	0.0435	<25.8	<25.8	<25.8	<25.8	-
Road-4 @ 4'	02/28/13	0.00253	<0.00200	<0.00100	0.207	0.0320	0.24153	62.5	37.6	<26.9	100	-
Road-4 @ 6'	02/28/13	0.0534	0.345	0.107	0.520	0.160	1.1854	4,640	549	27.9	5,220	89
Road-4 @ 8'	02/28/13	0.0178	0.0614	<0.00100	0.275	0.0429	0.3971	532	83.4	<25.5	616	-
Road-4 @ 10'	02/28/13	0.0103	0.0222	<0.00100	0.146	<0.00100	0.1785	91.6	<25.5	<25.5	91.6	-
Road-4 @ 12'	02/28/13	0.0127	<0.00200	0.0523	0.101	<0.00100	0.166	45.7	<26.3	<26.3	45.7	313
Road-5 Surface	02/28/13	<0.00100	<0.00200	<0.00100	<0.00200	<0.00100	<0.00200	<27.8	<27.8	<27.8	<27.8	359
Road-5 @ 6'	02/28/13	<0.00100	<0.00200	<0.00100	<0.00200	<0.00100	<0.00200	<26.0	<26.0	<26.0	<26.0	95.9
Road-5 @ 12'	02/28/13	<0.00100	<0.00200	<0.00100	<0.00200	<0.00100	<0.00200	<25.8	<25.8	<25.8	<25.8	32.1
Road-5 East S/W @ 11'	02/28/13	<0.00100	<0.00200	<0.00100	<0.00200	<0.00100	<0.00200	<25.5	<25.5	<25.5	<25.5	32.8
North-1 Surface	02/28/13	<0.00100	<0.00200	<0.00100	<0.00200	<0.00100	<0.00200	<25.8	<25.8	<25.8	<25.8	2.41

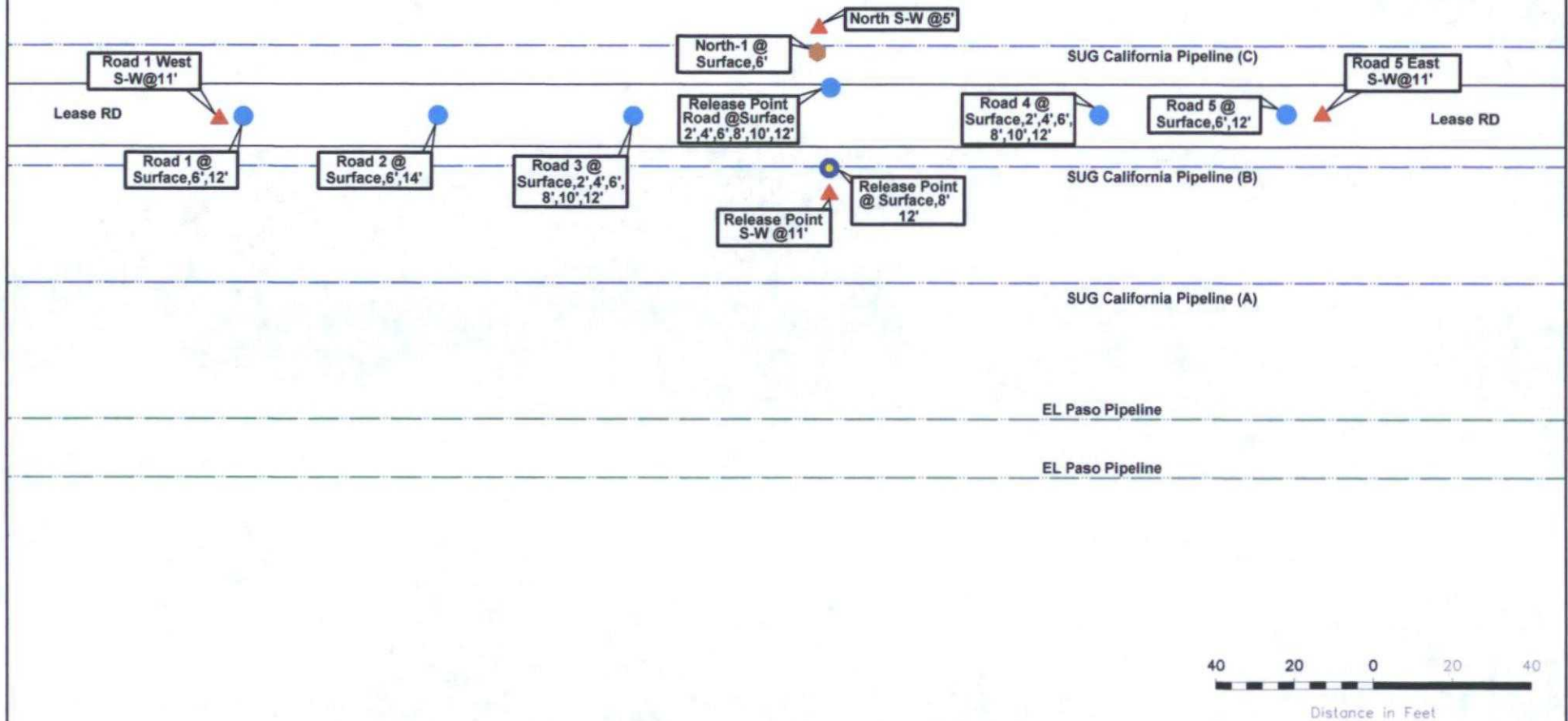
CONCENTRATIONS OF BENZENE, BTEX, TPH AND CHLORIDE IN SOIL

All concentrations are reported in mg/Kg

[illegible]



Legend: Sidewall Soil Sample Location Pipeline MB-5 PVC Marker Clamps		Figure 2 Site Details & Confirmation Soil Sample Locations Trunk MB-5 Southern Union Gas Services		 safety and environmental 2057 Commerce Drive Midland, Texas 79703 432.520.7720 www.novasafetyandenvironmental.com	
February 4, 2013 Lat. N 32° 8' 16.78" Long. W 103° 11' 52.01"		Scale: 1"=30' CAD By: CAS Checked By: *			



Legend:

- | | | | |
|--|-------------------------------|--|------------------|
| | Sidewall Soil Sample Location | | SUG Pipeline |
| | Trench Soil Sample Location | | El Paso Pipeline |
| | Road Samples | | |
| | Release Point | | |

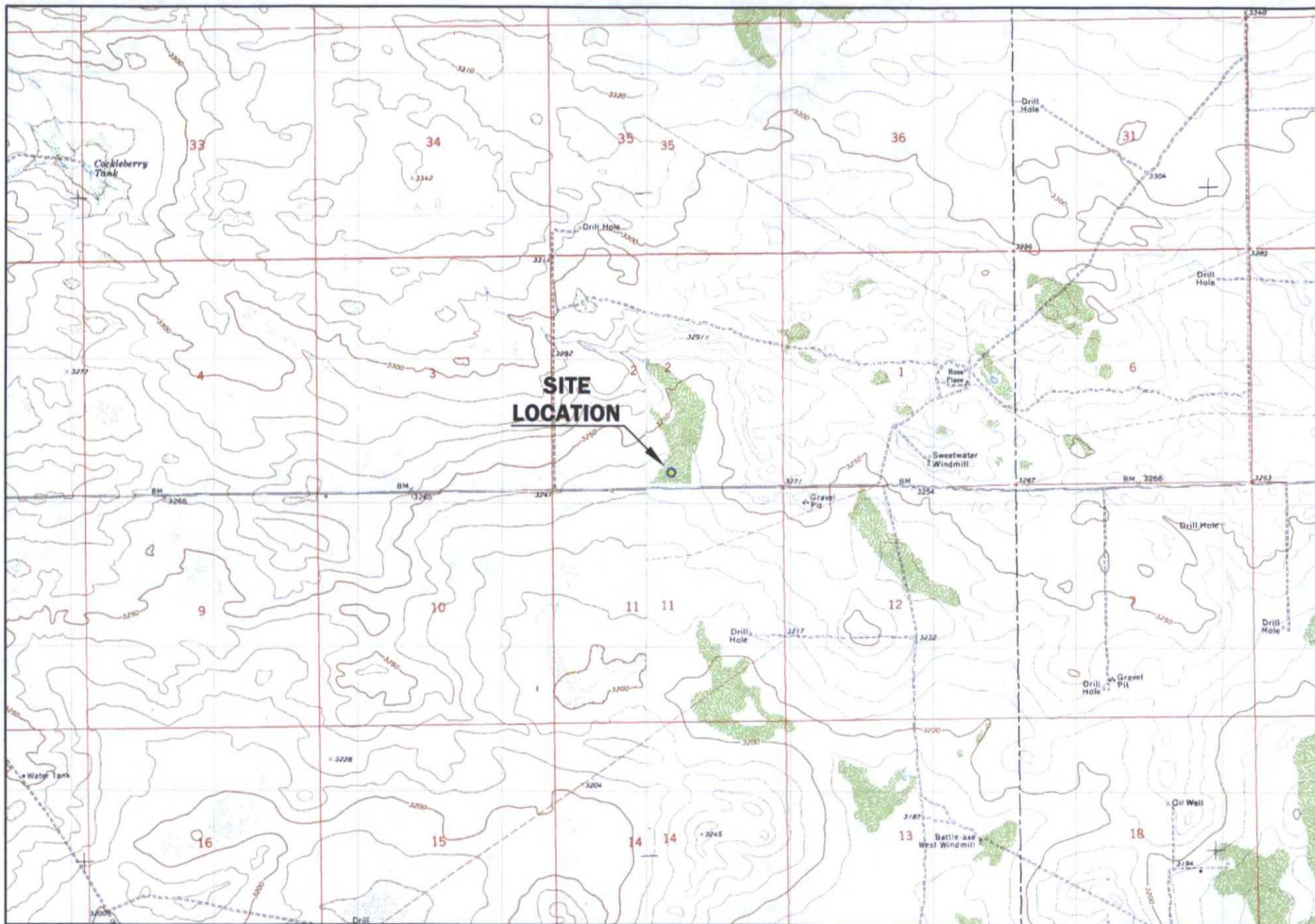
Figure 2
Site Map
Southern Union Gas Service
California B
Lea County, NM
1RP-2698



2057 Commerce Drive
Midland, Texas 79703
432.520.7720

www.novasafetyandenvironmental.com

March 22, 2013	Scale: 1" = 40'	CAD By: CAS	Checked By:
Lat. N 32° 3' 56.62"	Long. W 103° 44' 52.89"		



Legend:

Mapped, edited and Published by the Geological Survey
Control by USGS & USC & GS
Map Re-edited by Nova Safety and Environmental for the
purpose of Site Location Maps.
Planimetry by Photogrammetric methods from aerial
Photographs taken 1958. Topography by Planetabe Surveys
1961.
Fine red dashed lines indicate selected fence lines.
This map Complies with National Map Accuracy Standards

3000 1500 0 1500 3000

Distance in Feet

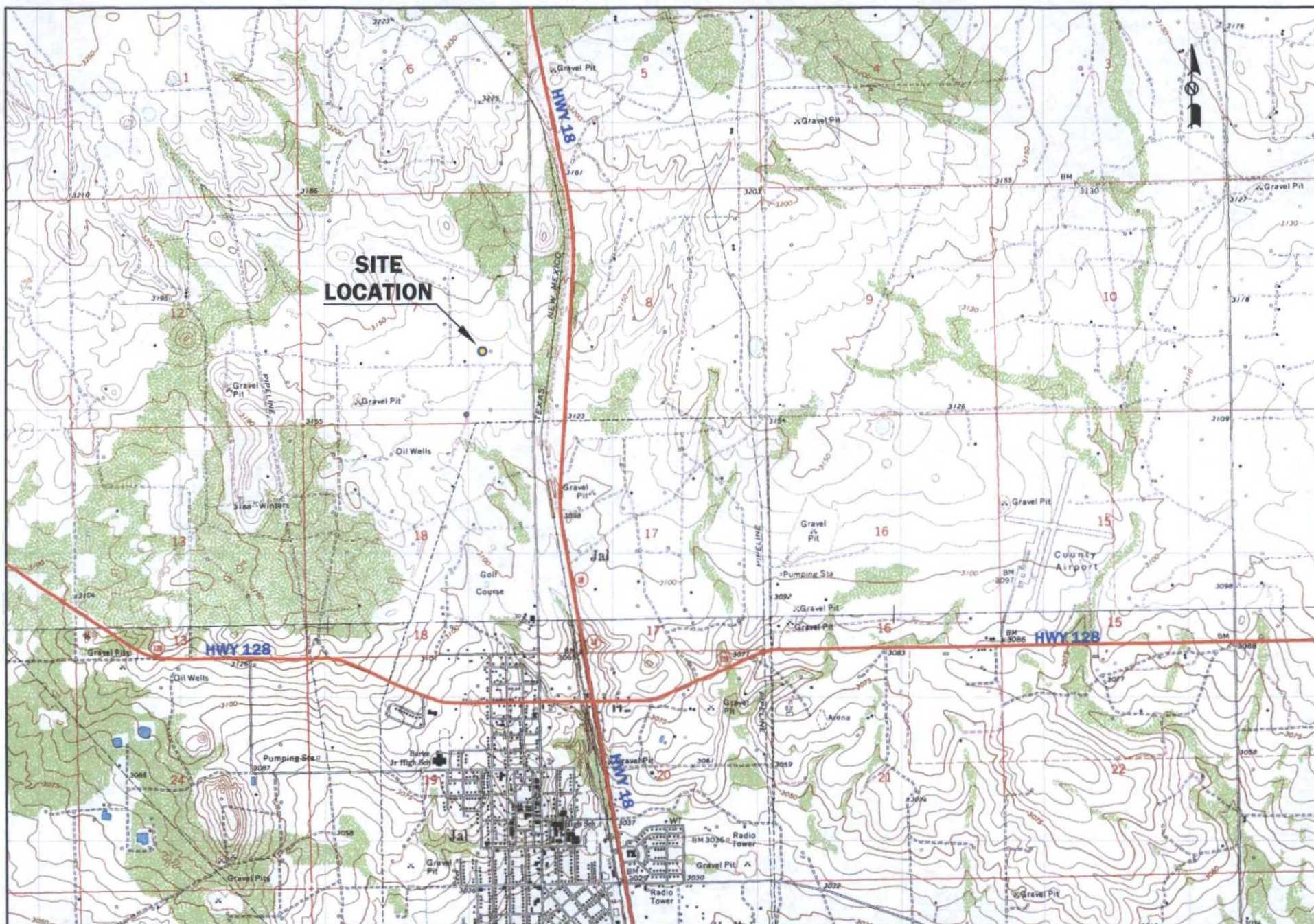
Figure 2
Site Map
Southern Union Gas Service
California B
Lea County, NM
1RP-2698



2057 Commerce Drive
Midland, Texas 79703
432.520.7720

www.novasafetyandenvironmental.com

March 22, 2013	Scale: 1" = 3000'	CAD By: CAS	Checked By:
Lat. N 32° 3' 56.62"		Long. W 103° 44' 52.89"	



Legend:

Mapped edited and Published by the Geological Survey
Control by USGS & USGS & GS
Map Re-edited by Nova Safety and Environmental for the
purpose of Site Location Maps.
Planimetry by Photogrammetric methods from aerial
Photographs taken 1956. Topography by Planetabe Surveys
1961.
Fine red dashed lines indicate selected fence lines.
This map Complies with National Map Accuracy Standards

3000 1500 0 1500 3000

Distance in Feet

Figure 1
Site Location Map
Trunk MD 16 Inch
Southern Union Gas Services



2057 Commerce Drive
Midland, Texas 79703
432.520.7720

www.novasafetyandenvironmental.com

September 16, 2013	Scale: 1"=3000'	CAD By: CAS	Checked By:
Lat. N 32° 08.525'	Long. W 103° 11.798'		

MO 16'

