



Remediation Plan

Below Grade Tank

@

2B2 Loop Drip Tank

Project # BGT-004

Unit ltr."C" Section 34 Twns. 24S Range 37E

Lea County, New Mexico

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MAY 23 2008

HOBBS OCD

Site Remediation Plan

Southern Union Gas Services
2B2 Loop Drip Tank
BGT-004

Unit ltr. C Section 34, Twns. 24S, Range 37E

Waste Management and Remediation Specialist

Signature Tony Savoie

Date: 5/21/08

Tony Savoie

P.O. Box 1226

Jal, New Mexico 88252

575-631-9376

E-mail: tony.savoie@sug.com

District I
1625 N French Dr , Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

Form C-144
June 1, 2004

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

For drilling and production facilities, submit to appropriate NMOCD District Office.
For downstream facilities, submit to Santa Fe office

Pit or Below-Grade Tank Registration or Closure

Is pit or below-grade tank covered by a "general plan"? Yes ☒ No ☐
Type of action Registration of a pit or below-grade tank ☐ Closure of a pit or below-grade tank ☒

Operator Southern Union Gas Services Telephone 575-395-2116 e-mail address tony.savoie@sug.com
Address P.O. Box 1226 Jal, New Mexico 88252
Facility or well name 2B2 Loop Drip Tank API # 30-025-11349 U/L or Qtr/Qtr C Sec 34 T 24 S R 37E
County: Lea Latitude 32 deg. 10.708N Longitude 103 deg 9.169W NAD: 1927 ☒ 1983 ☐
Surface Owner. Federal ☐ State ☐ Private ☒ Indian ☐

Pit Type: Drilling <input type="checkbox"/> Production <input type="checkbox"/> Disposal <input type="checkbox"/> Workover <input type="checkbox"/> Emergency <input type="checkbox"/> Lined <input type="checkbox"/> Unlined <input type="checkbox"/> Liner type Synthetic <input type="checkbox"/> Thickness _____ mil Clay <input type="checkbox"/> Pit Volume _____ bbl	Below-grade tank Volume: <u>167</u> bbl Type of fluid <u>Produced water and crude oil</u> Construction material. <u>Steel</u> Double-walled, with leak detection? Yes <input type="checkbox"/> If not, explain why not _____ Tank was installed by EPNG before the BGT regulations were written _____
Depth to ground water (vertical distance from bottom of pit to seasonal high water elevation of ground water.) Average 56 ft.	Less than 50 feet (20 points) 50 feet or more, but less than 100 feet (10 points) 100 feet or more (0 points)
Wellhead protection area. (Less than 200 feet from a private domestic water source, or less than 1000 feet from all other water sources) No, 2004 Horiz. Ft. to a private water well	Yes (20 points) No (0 points)
Distance to surface water: (horizontal distance to all wetlands, playas, irrigation canals, ditches, and perennial and ephemeral watercourses.) 1.63 Horizontal miles to a playa and an intermittent water course.	Less than 200 feet (20 points) 200 feet or more, but less than 1000 feet (10 points) 1000 feet or more (0 points)
Ranking Score (Total Points) 10 Points	

If this is a pit closure: (1) Attach a diagram of the facility showing the pit's relationship to other equipment and tanks. (2) Indicate disposal location: (check the onsite box if you are burying in place) onsite ☐ offsite ☐ If offsite, name of facility _____. (3) Attach a general description of remedial action taken including remediation start date and end date. (4) Groundwater encountered: No ☐ Yes ☐ If yes, show depth below ground surface _____ ft and attach sample results. (5) Attach soil sample results and a diagram of sample locations and excavations.

Additional Comments: The Below Grade Tank will be removed in accordance with the NMOCD proposed Pit and Below Grade Tank Rules.

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I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that the above-described pit or below-grade tank has been/will be constructed or closed according to NMOCD guidelines ☐, a general permit ☐, or an (attached) alternative OCD-approved plan ☐.

Date: 5/21/08

Printed Name/ Tony Savoie

Title Waste Management and Remediation Specialist

Signature

Tony Savoie

Your certification and NMOCD approval of this application/closure does not relieve the operator of liability should the contents of the pit or tank contaminate ground water or otherwise endanger public health or the environment. Nor does it relieve the operator of its responsibility for compliance with any other federal, state, or local laws and/or

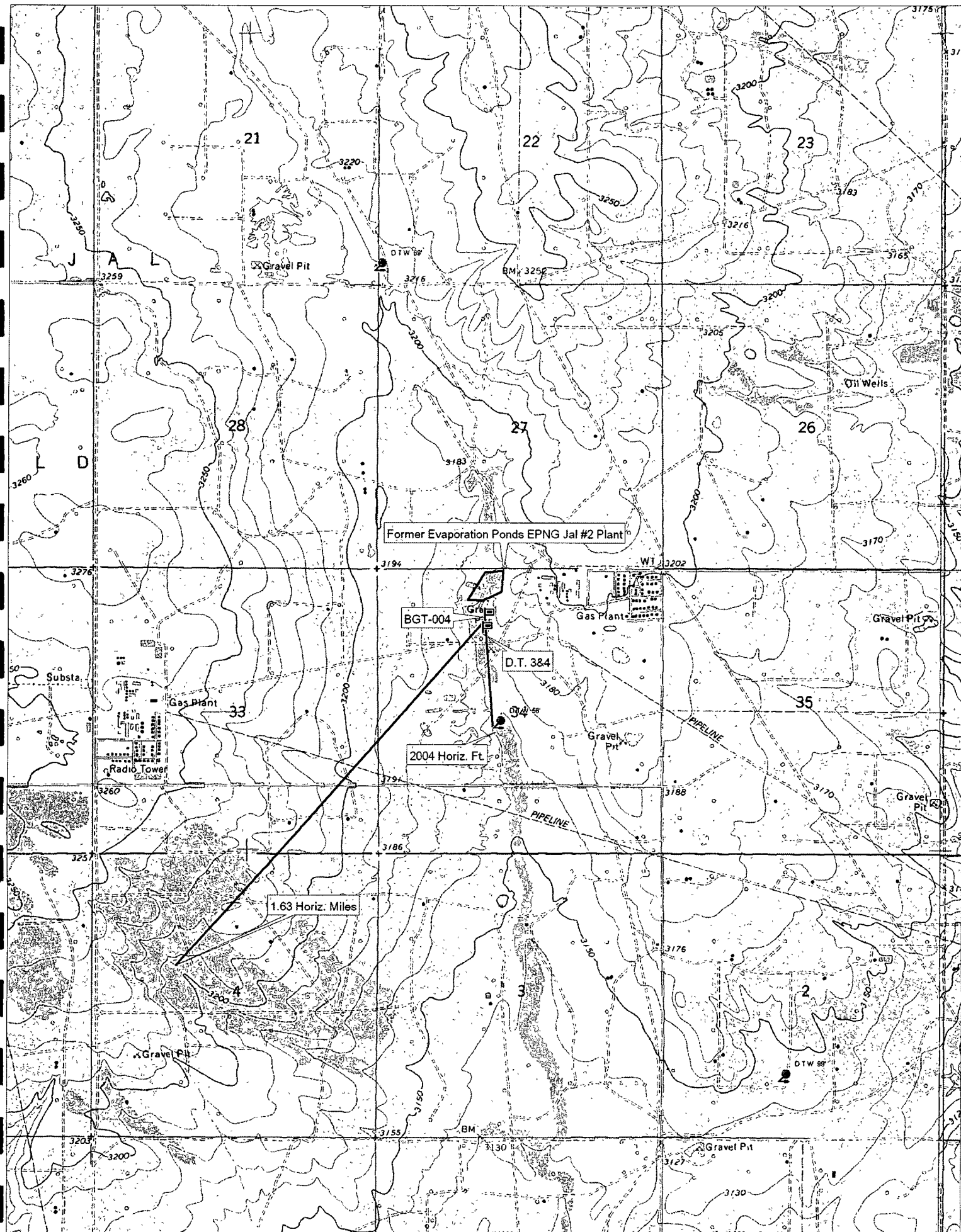
Approval.

Printed Name/Title

Signature

Johnson
ENVIRONMENTAL ENGINEER

Date: 5.23.08



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www.delorme.com



27

28



2-16-83
1/4 int: Jerald W. Doom
1/4 int: Daniel J. Doom
PB - 3464
1/2 int: Rebecca J. Doom

1792.56'

1000'
S. 0° 1/2' E.

B6T-004

El Paso Natural Gas Co.
S 89° 56' E 3484.8

1000'
N. 0° 1/2' W.

*
DripTKS
3 & 4

34

35



12-28-82
1/4 int: Jerald W. Doom
1/4 int: Daniel J. Doom
PB 3464
1/2 int: Rebecca J. Doom

STATE LAND OFFICE DATA ACCESS

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and Office](#)

land details

* Section: * Township: * Range:

Example: 33 09S 26E

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16 Records found.

No Links


Unit Letter	Lot	Tract	Qtr/Qtr	Surface Owner	Sub Surface Owner	Acreage	Lease Number	Lease Type	County	Land Restriction	Land Rema
A			NE4NE4	Fee	Fee	40.00	--	--	Lea		
B			NW4NE4	Fee	Fee	40.00	--	--	Lea		
C			NE4NW4	Fee	Fee	40.00	--	--	Lea		
D			NW4NW4	Fee	Fee	40.00	--	--	Lea		
E			SW4NW4	Fee	Fee	40.00	--	--	Lea		
F			SE4NW4	Fee	Fee	40.00	--	--	Lea		
G			SW4NE4	Fee	Fee	40.00	--	--	Lea		
H			SE4NE4	Fee	Fee	40.00	--	--	Lea		
I			NE4SE4	Fee	Fee	40.00	--	--	Lea		
J			NW4SE4	Fee	Fee	40.00	--	--	Lea		
K			NE4SW4	Fee	Fee	40.00	--	--	Lea		
L			NW4SW4	Fee	Fee	40.00	--	--	Lea		
M			SW4SW4	Fee	Fee	40.00	--	--	Lea		
N			SE4SW4	Fee	Fee	40.00	--	--	Lea		
O			SW4SE4	Fee	Fee	40.00	--	--	Lea		
P			SE4SE4	Fee	Fee	40.00	--	--	Lea		

If you have any questions about the data or this site please contact Joe Mraz (jmraz@slo.state.nm.us) of the State Land Office.

Site maintained by the PRRC, webmaster gotech_prcc@yahoo.com

New Mexico Office of the State Engineer
POD Reports and Downloads

Township: 24S Range: 37E Sections: 34

NAD27 X: _____ Y: _____ Zone:  Search Radius: _____

County:  Basin:  Number: _____ Suffix: _____

Owner Name: (First) _____ (Last) _____ ☐ Non-Domestic ☐ Domestic
☒ All

POD / Surface Data Report

Avg Depth to Water Report

Water Column Report

Clear Form

iWATERS Menu

Help

AVERAGE DEPTH OF WATER REPORT 05/21/2008

Bsn	Tws	Rng	Sec	Zone	X	Y	Wells	(Depth Water in Feet)		
								Min	Max	Avg

No Records found, try again

Southern Union Gas Services

2B2 Loop Drip Tank

Job #BGT-004

Ranking Analysis

NMOCD Standards			Points
Depth to Ground Water	Greater than 100 ft.		0
Depth to Ground Water	Less than 100 ft. but greater than 50 ft.		10
Depth to Ground Water	Less than 50 ft.		20
Well Head Protection	Less than 1000 ft. from a water source, or;	Yes	20
	Less than 200 ft. from private domestic water source	No	0
Distance to Surface water body	Less than 200 Horizontal. ft.		20
Distance to Surface water body	200 to 1000 Horizontal ft.		10
Distance to Surface water body	Greater than 1000 Horizontal ft.		0
Action levels	>19	10-19	0-9
Benzene (mg/kg)	10	10	10
BTEX (mg/kg)	50	50	50
TPH (mg/kg)	100	1000	5000

Site Ranking			Points
Depth to Ground Water "Avg."	56 ft. Average		10
Well Head Protection	2004 Horizontal Ft.		0
Surface Water Body	1.63 Horizontal Miles		0
Total Ranking Score			10

Site Closure Objective	
Benzene (mg/kg)	10
BTEX (mg/kg)	50
TPH (mg/kg) "Surface"	1000
Chloride mg/kg	250

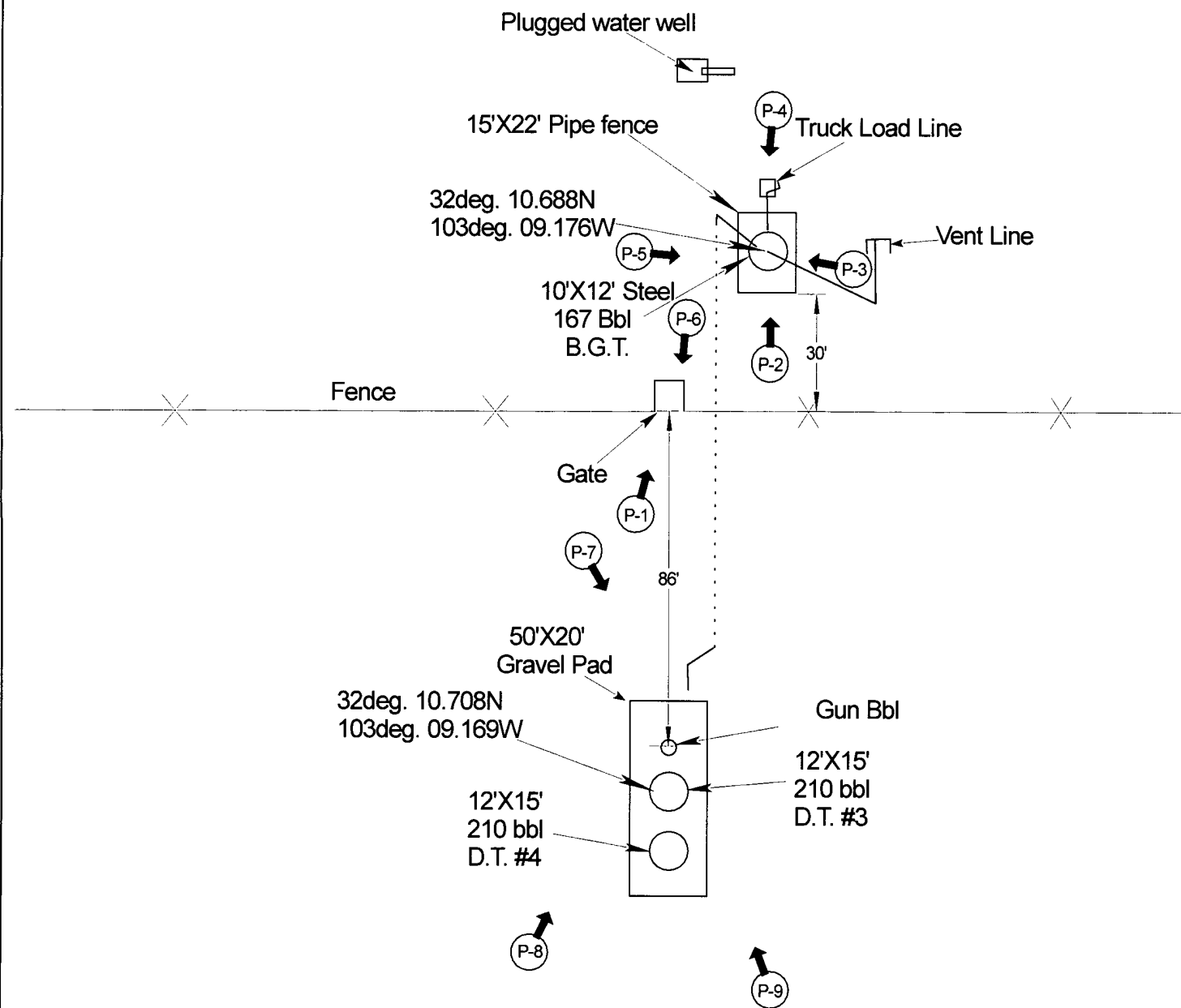
Remediation Plan:

The below grade tank will be completely free of any liquids prior to starting the excavation activities. The soil will be excavated around the sidewalls of the tank to a depth of approximately 8 ft. B.G.S. The tank will then be lifted out of the ground intact to observe for any damage to the bottom or side-walls of the tank.

Samples will be collected from the undisturbed soils beneath the tank and analyzed for Total Hydrocarbons EPA method (8015M) and Chloride EPA method 300.1

All samples will be field screened with a "PID" The soil sample with the highest PID reading will be analyzed separately and tested for BTEX.

Soil with TPH values greater than 1000 mg/kg or chloride 250 mg/kg will be transported to the S.U.G.S. Landfarm or remediated on site following the NMOCD recommended guidelines.



Approximate
Scale 1"= 40'



Southern Union
Gas Services

SITE PLAN:2B2 Loop Drip Tank Lea County Area

Unit ltr."C"
Section 34
Twms.-24 S
Range 37E
County-Lea, N.M.

BGT-004

Figure 1

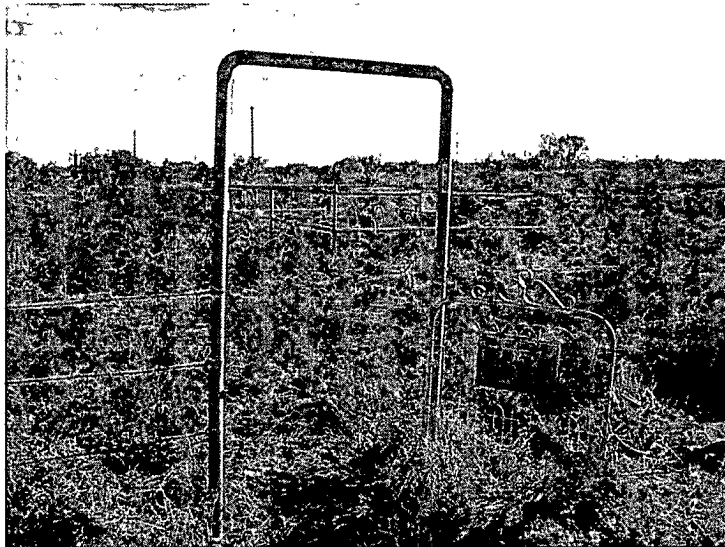


Photo 1

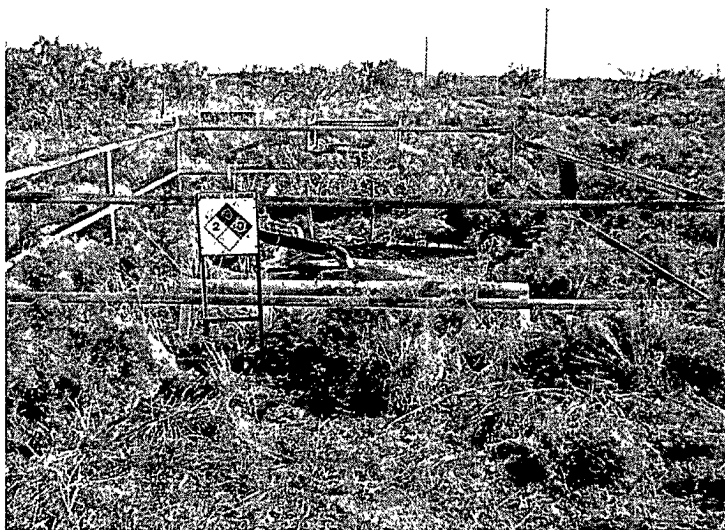


Photo 2

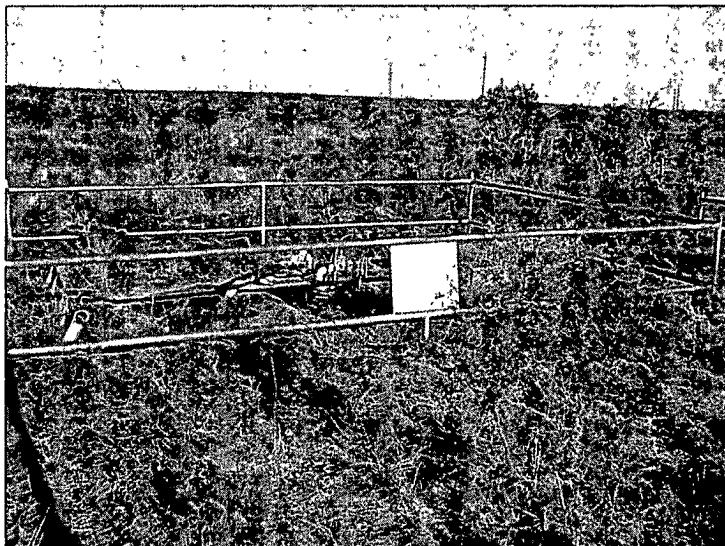


Photo 3

Southern Union Gas Services Site: 2B2 Loop Drip Tank
Job # BGT-004
Site Assessment 5/20/08

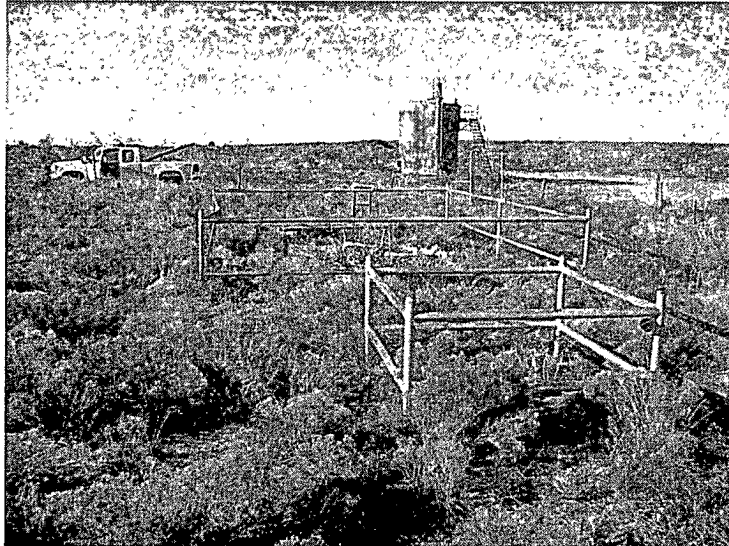


Photo 4



Photo 5



Photo 6

Southern Union Gas Services Site: 2B2 Loop Drip Tank
Job # BGT-004
Site Assessment 5/20/08

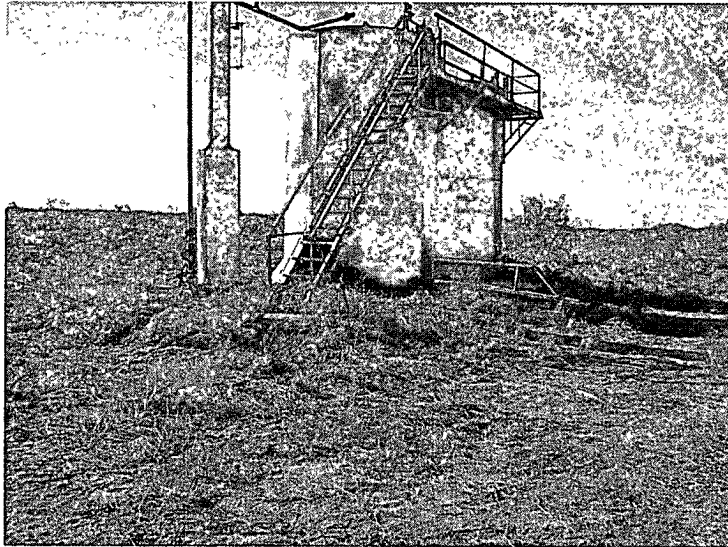


Photo 7



Photo 8

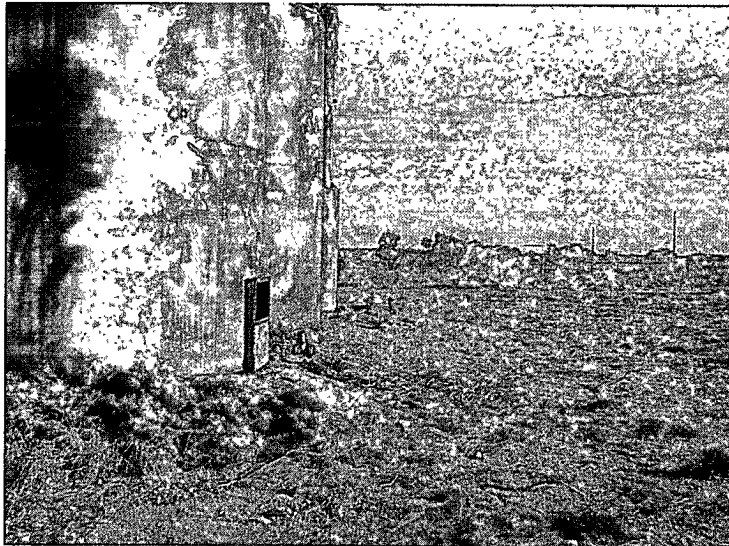


Photo 9

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