



Environmental Services Group
Southern Region

Canyon Largo Unit #336 *C-24-25N-06W*
Meter Code 95156

Pit was excavated to 12 feet beneath ground surface. The headspace soil reading from excavation bottom was 225 parts per million. Soil analytical were as follows; benzene - <0.5 mg/kg, total BTEX - 5.4 mg/kg, TPH - 261 mg/kg.

One soil boring was completed and no monitoring well was installed. Groundwater was encountered at 13.5 feet. No soil or groundwater samples were collected.

The pit was re-excavated to 13 feet beneath ground surface. A headspace soil reading was as follows: pit bottom - 52 ppm. Soil analytical were as follows; benzene - <0.5 mg/kg, total BTEX - 1 mg/kg, TPH - 30.5 mg/kg. Sandstone was encountered at the bottom of the excavation. Groundwater was trickling into the excavation, but it was not enough to yield a sample.

Denny
DEPUTY OIL & GAS INSPECTOR

FEB 06 97

Approved



FIELD PIT SITE ASSESSMENT FORM

GENERAL

Meter: 95156 Location: Canyon Largo Unit #336
 Operator #: 2999 Operator Name: Meridian P/L District: Ojito
 Coordinates: Letter: C Section 24 Township: 25 Range: 6W
 Or Latitude _____ Longitude _____
 Pit Type: Dehydrator _____ Location Drip: X Line Drip: _____ Other: _____
 Site Assessment Date: 7-19-94 Area: 06 Run: 62

NMOCD Zone:

(From NMOCD
Maps)

Inside

☒ (1)

Outside

☐ (2)

Land Type:

BLM

☒ (1)

State

☐ (2)

Fee

☐ (3)

Indian

Maricopa K6W
Apache 7-19-94

Depth to Groundwater

Less Than 50 Feet (20 points)

☒ (1)

50 Ft to 99 Ft (10 points)

☐ (2)

Greater Than 100 Ft (0 points)

☐ (3)

Wellhead Protection Area :

Is it less than 1000 ft from wells, springs, or other sources of fresh water extraction? , or ; Is it less than 200 ft from a private domestic water source? ☒ (1) YES (20 points) ☐ (2) NO (0 points)

Horizontal Distance to Surface Water Body

Less Than 200 Ft (20 points)

☒ (1)

200 Ft to 1000 Ft (10 points)

☐ (2)

Greater Than 1000 Ft (0 points)

☐ (3)

Name of Surface Water Body Gonzales Canyon

(Surface Water Body : Perennial Rivers, Major Wash, Streams, Creeks, Irrigation Canals, Ditches, Lakes, Ponds)

Distance to Nearest Ephemeral Stream ☐ (1) < 100' (Navajo Pits Only)
☒ (2) > 100'

TOTAL HAZARD RANKING SCORE: 60 POINTS

EMARE

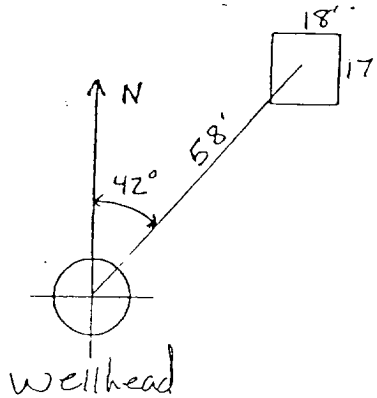
Remarks : Redline V.Z. - inside Tapo V.Z. - inside

Pit is new

95156

ORIGINAL PIT LOCATION

Original Pit : a) Degrees from North 42 Footage from Wellhead 58
b) Length : 18 Width : 17 Depth : 3



Remarks :

Photos - 1-4 Roll #5

Completed By:

[Signature]

Phase I Excavation

FIELD PIT REMEDIATION/CLOSURE FORM

GENERAL	Meter: <u>95156</u> Location: <u>CANYON Largo UNIT # 336</u> Coordinates: Letter: <u>C</u> Section <u>24</u> Township: <u>25</u> Range: <u>6</u> Or Latitude _____ Longitude _____ Date Started : <u>10/27/94</u> Area: <u>06</u> Run: <u>62</u>
FIELD OBSERVATIONS	Sample Number(s): <u>KP 339</u> Sample Depth: <u>12'</u> Feet Final PID Reading <u>225</u> PID Reading Depth <u>12'</u> Feet Yes No Groundwater Encountered ☐ (1) ☒ (2) Approximate Depth _____ Feet
CLOSURE	Remediation Method : Excavation ☒ (1) Approx. Cubic Yards <u>50</u> Onsite Bioremediation ☐ (2) Backfill Pit Without Excavation ☐ (3) Soil Disposition: Envirotech ☒ (1) ☐ (3) Tierra Other Facility ☐ (2) Name: _____ Pit Closure Date: <u>10/27/94</u> Pit Closed By: <u>B.E.I</u>
REMARKS	Remarks : <u>Some line markers started remediation to 12' soil</u> <u>Brown looking with a odor. At 12' soil still the same.</u>
	Signature of Specialist: <u>Kelly Palillo</u>



FIELD SERVICES LABORATORY

ANALYTICAL REPORT

PIT CLOSURE PROJECT - Soil Samples Inside the GWV Zone

SAMPLE IDENTIFICATION

	Field ID	Lab ID
SAMPLE NUMBER:	KP339	946464
MTR CODE SITE NAME:	95156	Canyon Largo Unit #336
SAMPLE DATE TIME (Hrs):	10/27/94	1345
PROJECT:	Phase I	
DATE OF TPH EXT. ANAL.:	10/28/94	10/28/94
DATE OF BTEX EXT. ANAL.:	11/01/94	11/03/94
TYPE DESCRIPTION:	VC	Brown fine sand & clay

Field Remarks:

RESULTS

PARAMETER	RESULT	UNITS	QUALIFIERS			
			DF	Q	M(g)	V(ml)
BENZENE	<0.5	MG/KG	20			
TOLUENE	<0.5	MG/KG	20			
ETHYL BENZENE	<0.5	MG/KG	20			
TOTAL XYLENES	3.9	MG/KG	20			
TOTAL BTEX	5.4	MG/KG				
TPH (418.1)	261	MG/KG			2.02	28
HEADSPACE PID	225	PPM				
PERCENT SOLIDS	88.5	%				

— TPH is by EPA Method 418.1 and BTEX is by EPA Method 8020 —

The Surrogate Recovery was at 67 % for this sample All QA/QC was acceptable.
Narrative:

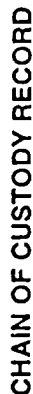
ATI - Comed analysis.

DF = Dilution Factor Used

Michael L. Sed

Date:

7/19/01

[illegible]

Phase II Soil Boring

RECORD OF SUBSURFACE EXPLORATION

PHILIP ENVIRONMENTAL

4000 Monroe Road

Farmington, New Mexico 87401

(505) 326-2262 FAX (505) 326-2388

Borehole # BH-1

Well #

Page 1 of 1

Project Name EPNG PITS

Project Number 14509 Phase 6000/77

Project Location Canyon Largo Unit #336 9/5/56

Elevation

Borehole Location

GWL Depth

Logged By CM CHANCE

Drilled By M. DONOHUE K. Padilla

Date/Time Started 6/5/95-1245

Date/Time Completed 6/5/95-1335

Well Logged By CM Chance

Personnel On-Site K. Padilla, F. Rivera

Contractors On-Site

Client Personnel On-Site

Drilling Method 4 1/4" ID HSA

Air Monitoring Method PID, CGI

Depth (Feet)	Sample Number	Sample Interval	Sample Type & Recovery (inches)	Sample Description Classification System: USCS	USCS Symbol	Depth Lithology Change (feet)	Air Monitoring			Drilling Conditions & Blow Counts
							Units: PPM			
							BZ	BH	HS	
0				Backfill to 12'						
5										
10										
15	1	15-15.5	0"	Cuttings - Br sand, vF-F sand, sl moist TDB 15.5'			0	0		NA - GW 13.5' NA - 1300 h - No recovery w/ SS - Refusal w/ SS @ 15.5'
20										
25										
30										
35										
40										

Comments:

GW @ 13.5' after setting 10 min. No sample due to encountering groundwater.
Took head space of cuttings - 3 ppm. Cuttings had no odor & no visible discoloration.
Backfill BH w 3.5' No B Envisaplug & gravel to surface

Geologist Signature

Phase III Excavation

FIELD PIT REMEDIATION/CLOSURE FORM/PHASE II

GENERAL

Meter: 95156 Location: Canyon Largo unit #336

Coordinates: Letter: C Section 24 Township: 25 Range: 06

Or Latitude _____ Longitude _____

Date Started : 8-10-95 Area: 06 Run: 62

FIELD OBSERVATIONS

Sample Number(s): JP48

Sample Depth: 13 Feet

Final PID Reading 52 ppm PID Reading Depth 13 Feet
Yes No

Groundwater Encountered ☐ (1) ☒ (2) Approximate Depth _____ Feet

Final Dimensions: Length 36 Width 21 Depth 13

CLOSURE

Remediation Method :

Excavation ☒ (1) Approx. Cubic Yards 234 9/28/95 CT

Onsite Bioremediation ☐ (2)

Backfill Pit Without Excavation ☐ (3)

Overburden Cubic Yards 34 9/21/95

Soil Disposition:

Envirotech ☒ (1) ☐ (3) Tierra

Other Facility ☐ (2) Name: _____

Pit Closure Date: 8-11-95 Pit Closed By: Philip Fnu

Phase III

Remarks : Ground water was encountered, but it was only a trickle, not enough to even sample. Hit sandstone at both ends, to hard to dig through. Contamination is approx 8"-12" thick in itom, Right on top of sandstone.

Signature of Specialist: James J. Ferraro



FIELD SERVICES LABORATORY

ANALYTICAL REPORT

PIT CLOSURE PROJECT - Soil Samples Inside the GWV Zone

SAMPLE IDENTIFICATION

	Field ID	Lab ID
SAMPLE NUMBER:	JP48	947206
MTR CODE SITE NAME:	95156	Canyon Largo Unit #336
SAMPLE DATE TIME (Hrs):	08/10/95	1400
PROJECT:	Phase III Excavation	
DATE OF TPH EXT. ANAL.:	08/11/95	08/11/95
DATE OF BTEX EXT. ANAL.:	08/18/95	08/18/95
TYPE DESCRIPTION:	VC	Brown sand & clay

Field Remarks:

RESULTS

PARAMETER	RESULT	UNITS	QUALIFIERS			
			DF	Q	M(g)	V(ml)
BENZENE	<0.025	MG/KG	1			
TOLUENE	<0.025	MG/KG	1			
ETHYL BENZENE	<0.025	MG/KG	1			
TOTAL XYLENES	<0.025	MG/KG	1			
TOTAL BTEX	<0.10	MG/KG				
TPH (418.1)	30.5	MG/KG			2.07	28
HEADSPACE PID	52	PPM				
PERCENT SOLIDS	89.9	%				

— TPH is by EPA Method 418.1 and BTEX is by EPA Method 8020 —

The Surrogate Recovery was at 88 % for this sample All QA/QC was acceptable.

Narrative:

ATI Comed analysis.

DF = Dilution Factor Used

Approved By:

Date:

7/19/96

El Paso
Natural Gas Company

FM-08-0565 A (Rev. 05-94)