



Drop

Environmental Services Group
Southern Region

Apache Federal #4
Meter Code 74316

M-7-24W-05W

Pit was excavated to 11 feet beneath ground surface. Headspace soil readings from excavation bottom were 3.3 parts per million. Soil analytical from composite sample was as follows; benzene - < .5 mg/kg, total BTEX - 3 mg/kg, TPH - 43.4 mg/kg. Analytical results collected from the groundwater in the bottom of the pit were as follows; benzene - <2.5 ug/L, toluene - < 2.5 ug/L, ethylbenzene - <2.5 ug/L, xylenes - <7.5 ug/l.

Manuel L. Frost
DEPUTY OPERATIONAL INSPECTOR

FEB 06

John Smith



FIELD PIT SITE ASSESSMENT FORM

GENERAL

Meter: 74316 Location: APACHE FEDERAL #4
 Operator #: _____ Operator Name: FLOYD OILCO.P/L District: BALLARD
 Coordinates: Letter: M Section 7 Township: 24 Range: 5
 Or Latitude _____ Longitude _____
 Pit Type: Dehydrator _____ Location Drip: X Line Drip: _____ Other: _____
 Site Assessment Date: 1-24-95 Area: 07 Run: 61

SITE ASSESSMENT

NMOCD Zone: (From NMOCD Maps) Inside ☒ (1) Outside ☐ (2)
 Land Type: BLM ☐ (1) State ☐ (2) Fee ☐ (3) Indian MCARILLA APACHE

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 CANON LARGO

(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: 40 POINTS

REMARKS:

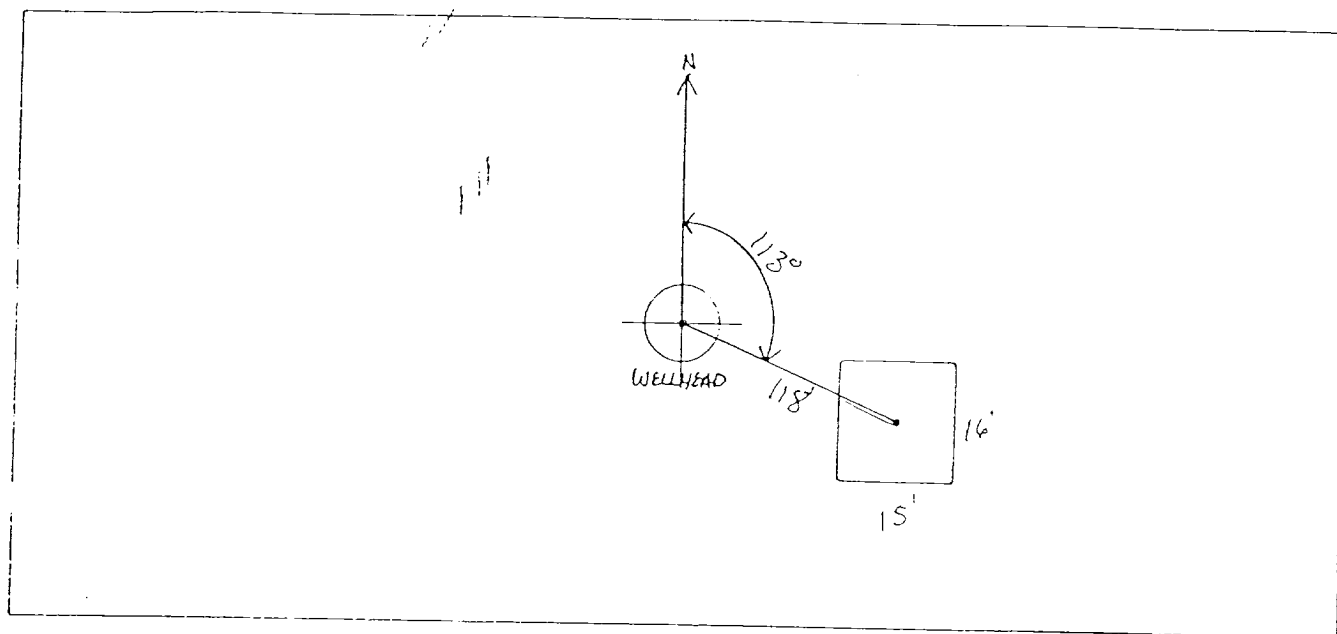
Remarks : REDUNE & TOPO SHOW LOCATION INSIDE V.Z. ONLY PIT ON LOCATION.
BELONGS TO EPNE. WILL CLOSE PIT.

74216

ORIGINAL PIT LOCATION

Original Pit : a) Degrees from North 113° Footage from Wellhead 118'
b) Length : 16' Width : 15' Depth : 2'

ORIGINAL PIT LOCATION



Remarks :

PHOTOS-1152

REMARKS

Completed By:

Paul Thompson

1.24.95

Phase I Excavation

FIELD PIT REMEDIATION/CLOSURE FORM

GENERAL	Meter: <u>24316</u> Location: <u>Apache Federal #4</u> Coordinates: Letter: <u>M</u> Section <u>7</u> Township: <u>24</u> Range: <u>5</u> Or Latitude _____ Longitude _____ Date Started : <u>9/14/95</u> Run: <u>07</u> <u>61</u>
FIELD OBSERVATIONS	Sample Number(s): <u>JK29 JK85</u> Sample Depth: <u>11'</u> Feet Final PID Reading <u>2.3</u> PID Reading Depth <u>11'</u> Feet Groundwater Encountered ☒ Yes ☒ No <u>9/14/95</u> Approximate Depth <u>8'</u> Feet
CLOSURE	Remediation Method : Excavation ☒ Approx. Cubic Yards <u>270 8 9/25/95</u> Onsite Bioremediation ☐ DAVE FROM JICARILLA E.P.O. Backfill Pit Without Excavation ☐ APPROVED BACKFILL 9-18-95 Phase II Soil Disposition: Envirotech ☒ Tierra ☐ Other Facility ☐ Name: _____ Pit Closure Date: <u>9-20-95</u> Pit Closed By: <u>Philip</u>
REMARKS	Remarks : <u>Pit Pit Readings (W-1.2)(S-4.1)(E-0.8)(W-84.3)</u> <u>Pit size 24x24x11 Hit ground water at 8'</u> <u>Fence size 23x21x3 No Det. ELPA to the water sample</u> <u>Less than 100' from Ephemeral Stream</u>
Signature of Specialist: <u>[Signature]</u>	



FIELD SERVICES LABORATORY

ANALYTICAL REPORT

PIT CLOSURE PROJECT - Soil Samples Inside the GWV Zone

SAMPLE IDENTIFICATION

	Field ID	Lab ID
SAMPLE NUMBER:	JK79	947477
MTR CODE SITE NAME:	74316	Apache Federal #4
SAMPLE DATE TIME (Hrs):	09/15/95	1126
PROJECT:	Phase I - Jicarilla Pits	
DATE OF TPH EXT. ANAL.:	09/18/95	09/21/95
DATE OF BTEX EXT. ANAL.:	09/18/95	09/21/95
TYPE DESCRIPTION:	VG	Brown sand & clay

Field Remarks: (N-1.2) (S-4.1) (E-0.8) (W-84.3)

RESULTS

PARAMETER	RESULT	UNITS	QUALIFIERS			
			DF	Q	M(g)	V(ml)
BENZENE	<0.5	MG/KG				
TOLUENE	<0.5	MG/KG				
ETHYL BENZENE	<0.5	MG/KG				
TOTAL XYLENES	<1.5	MG/KG				
TOTAL BTEX	<3	MG/KG				
TPH (418.1)	43.4	MG/KG				28
HEADSPACE PID	3.3	PPM				
PERCENT SOLIDS	83.1	%				

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

The Surrogate Recovery was at 100 % for this sample All QA/QC was acceptable.
Narrative:

DF = Dilution Factor Used

Approved By:

John Larkin

Date:

7/16/01



pickits

CHAIN OF CUSTODY RECORD

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FIELD SERVICES LABORATORY
ANALYTICAL REPORT
PIT CLOSURE PROJECT - Water

SAMPLE IDENTIFICATION

SAMPLE NUMBER:	947503
FIELD ID:	JK85
MTR CODE:	74316
SAMPLE DATE:	09/19/95
SAMPLE TYPE:	WG
SITE NAME:	Apache Federal #4
PROJECT:	Phase I - Jic Pits
DATE OF BTEX ANALYSIS:	09/22/95

FIELD COMMENTS: 2 VOA's for TPH & BTEX.

EPA Method 8020 (BTEX) RESULTS

PARAMETER	RESULT	QUALIFIER	WQCC LIMIT PPB
TDS - TOTAL DISSOLVED SOLIDS (PPM)	Not Required		None
BENZENE (PPB)	< 2.5		10
TOLUENE (PPB)	< 2.5		740
ETHYL BENZENE (PPB)	< 2.5		750
TOTAL XYLENES (PPB)	< 7.5		620
SURROGATE % RECOVERY	96%	Allowed Range 80 to 120 %	

NOTES:

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Handwritten initials

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