

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

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

Risk
bedrock
defined
plane

Submit 1 copy to
appropriate
District Office
and 1 copy to
the Santa Fe Office

(Revised 3/9/94)

PIT REMEDIATION AND CLOSURE REPORT

Operator: Western Oil and Mineral Ltd. Telephone: _____

Address: 30-045-06310

Facility Or: Marron #1, Meter 70661
Well Name _____

Location: Unit or Qtr/Qtr Sec M Sec 24 T 27 R 8 County San Juan

Pit Type: Separator _____ Dehydrator _____ Other Drip

Land Type: BLM X, State _____, Fee _____ Other _____

Pit Location: Pit dimensions: length 17', width 13', depth 3'

(Attach diagram)

Reference: wellhead X, other _____

Footage from reference: 37'

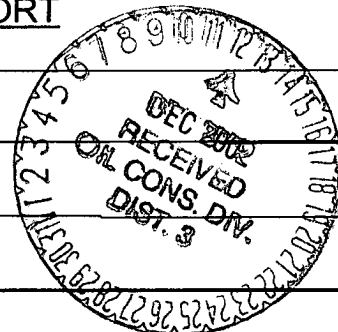
Direction from reference: 305 Degrees X East North _____
of
_____ West South _____

Depth To Ground Water	Less than 50 feet	(20 points)
(Vertical distance from	50 feet to 99 feet	(10 points)
contaminants to seasonal	Greater than 100 feet	(0 points) <u>20</u>
high water elevation of		
ground water.)		

Wellhead Protection Area:	Yes (20 points)
(Less than 200 feet from a private	No (0 points) <u>0</u>
domestic water source, or; less than	
1000 feet from all other water sources.)	

Distance To Surface Water:	Less than 200 feet	(20 points)
(Horizontal distance to perennial	200 feet to 1000 feet	(10 points)
lakes, ponds, rivers, streams, creeks,	Greater than 1000 feet	(0 points) <u>0</u>
irrigation canals and ditches.)		

RANKING SCORE (TOTAL POINTS): 20



Date Remediation Started: 07/20/94 Date completed: 07/20/94

Remediation Method: Excavation _____ Approx. cubic yards _____

(Check all appropriate sections.)

Landfarmed _____ Insitu Bioremediation _____

Other Backfill pit without excavation

Remediation Location: Onsite N/A Offsite N/A

(i.e. landfarmed onsite, name and location of offsite facility)

General Description of Remedial Action: EPNG lines not marked. Soil grayish black, strong hydrocarbon odor. Hit Sandstone 4'.

Ground Water Encountered: No X Yes _____ Depth _____

Final Pit:

Closure Sampling:
(if multiple samples,
attach sample results
and diagram of sample
locations and depths)

Sample location Four walls and center of pit composite

Sample depth 4'

Sample Date 07/20/94 Sample time 12:35

Sample Results

Benzene(ppm) Not reported

Total BTEX(ppm) Not reported

Field headspace(ppm) 277

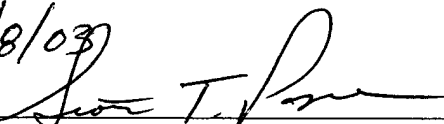
TPH 2030

Ground Water Sample: Yes _____ No X (If yes, attach sample results)

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

Date 1/8/03

Signature



Printed Name
and Title

Scott T. Pope
Senior ENV. Scientist



PIT CLOSURE REQUEST

Marron #1
Meter/Line ID 70661

SITE DETAILS

Legals - Twn: 27N

Rng: 8W

Sec: 24

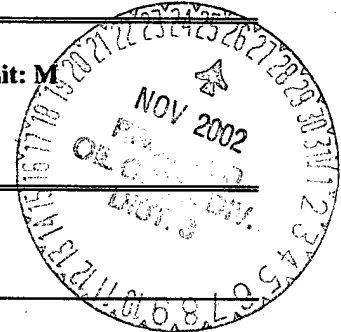
Unit: M

NMOCD Hazard Ranking: 20

Land Type: BLM

Operator: Western Oil and Mineral Ltd.

Pit Closure Date: 7/20/94



RATIONALE FOR RISK-BASED CLOSURE

The pit noted above was assessed and ranked according to the criteria in the New Mexico Oil Conservation Division's (NMOCD) Unlined Surface Impoundment Closure Guidelines.

A test pit was excavated to 4 feet (ft) below ground surface (bgs) where sandstone was encountered and a soil sample was collected for field headspace analysis and laboratory analysis for TPH. Groundwater was not encountered in the test pit. Headspace analysis indicated an organic vapor content of 277 ppm; laboratory analysis indicated a TPH concentration of 2,030 mg/kg. The headspace analysis and TPH measurement exceeded recommended remediation levels for the Hazard Ranking Score of 20.

No soil was disposed of offsite. The pit was backfilled with site soil, topped with clean soil from the surrounding berms, and graded in a manner to direct surface runoff away from the pit area.

A Phase II boring was completed to 25.5 ft bgs. No groundwater was encountered in the soil boring. One laboratory sample was collected at 25-25.5 ft bgs. Headspace analysis indicated an organic vapor content of 6 ppm; laboratory analysis indicated a benzene concentration of <0.5 mg/kg, a total BTEX concentration of <3 mg/kg, and a TPH concentration of <20 mg/kg. The benzene, BTEX and TPH concentrations were below recommended remediation levels for the Hazard Ranking Score.

No Phase III activities were conducted.

El Paso Field Services requests closure of the above mentioned production pit location for the following reasons:

- The primary source, discharge to the pit, has been removed for over eight years.
- The test pit was backfilled and the former pit area graded to direct surface runoff away from the former pit.
- The clean soil from the berms placed on top of the excavation would limit the potential for direct contact with hazardous constituents by livestock or the public; i.e., current direct contact exposure pathways are unlikely to be completed.
- Groundwater was not encountered in the soil boring to 25 ft bgs.
- Bedrock was encountered at 4 feet bgs making further excavation impractical.
- There are no water supply wells or other sources of fresh water extraction within 1,000 feet of the site.



PIT CLOSURE REQUEST

- Benzene, total BTEX, and TPH concentrations in the soil sample collected at the base of the Phase II soil boring at 25 ft bgs were non-detect, indicating that no significant downward constituent migration is occurring.
- Residual hydrocarbons in soil will likely degrade by natural attenuation with minimal risk to human health and the environment.

ATTACHMENTS

Field Pit Assessment Form

Revised Field Pit Assessment Form

Field Pit Remediation/Closure Form

Phase II Soil Boring Log

Laboratory Analytical Results

REVISED
FIELD PIT SITE ASSESSMENT FORM

GENERAL	<p>Meter: <u>70661</u> Location: <u>Marathon #1</u></p> <p>Operator #: _____ Operator Name: _____ P/L District: _____</p> <p>Coordinates: Letter: <u>M</u> Section <u>24</u> Township: <u>27</u> Range: <u>8</u></p> <p>Or Latitude _____ Longitude _____</p> <p>Pit Type: Dehydrator _____ Location Drip: _____ Line Drip: _____ Other: _____</p> <p>Site Assessment Date: <u>12/19/97</u> Area: _____ Run: _____</p>
SITE ASSESSMENT	<p>NMOCD Zone: (From NMOCD Maps)</p> <p style="margin-left: 150px;">Inside <input type="checkbox"/> (1) Outside <input checked="" type="checkbox"/> (2)</p> <p>Land Type:</p> <p style="margin-left: 150px;">BLM <input checked="" type="checkbox"/> (1) State <input type="checkbox"/> (2) Fee <input type="checkbox"/> (3) Indian _____</p> <p>Depth to Groundwater</p> <p>Less Than 50 Feet (20 points) <input checked="" type="checkbox"/> (1) 50 Ft to 99 Ft (10 points) <input type="checkbox"/> (2) Greater Than 100 Ft (0 points) <input type="checkbox"/> (3)</p> <p>Wellhead Protection Area</p> <p>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?</p> <p style="text-align: center;"><input type="checkbox"/> (1) YES (20 points) <input checked="" type="checkbox"/> (2) NO (0 points)</p> <p>Horizontal Distance to Surface Water Body</p> <p>Less Than 200 Ft (20 points) <input type="checkbox"/> (1) 200 Ft to 1000 Ft (10 points) <input type="checkbox"/> (2) Greater Than 1000 Ft (0 points) <input checked="" type="checkbox"/> (3)</p> <p>Name of Surface Water Body _____</p> <p>(Surface Water Body: Perennial Rivers, Streams, Creeks, Irrigation Canals, Ditches, Lakes, Ponds)</p> <p>Distance to Nearest Ephemeral Stream <input type="checkbox"/> (1) < 100' (Navajo Pits Only) <input type="checkbox"/> (2) > 100'</p> <p>TOTAL HAZARD RANKING SCORE: <u>20</u> POINTS</p>
REMARKS	<p>Remarks : <u>Site has been re-assessed, due to initial assessment including washes as a Surface Water Body. Site is at base of Encinada Mesq < 200' From Largo Wash</u></p>

FIELD PIT SITE ASSESSMENT FORM

GENERAL

Meter: 70661 Location: Marron 1
 Operator #: 9615 Operator Name: Western Oil & Minerals Corp P/L District: Blanco
 Coordinates: Letter: M Section: 24 Township: 27 Range: 8
 Or Latitude _____ Longitude _____
 Pit Type: Dehydrator _____ Location Drip: ☒ Line Drip: _____ Other: _____
 Site Assessment Date: 5/24/94 Area: 13 Run: 31

SITE ASSESSMENT

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

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 Large 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: 40 POINTS

REMARKS

Remarks : Redline & Vuln - Outside.
1 Pit Will Close Pit Dry.

PUSH-IN



FIELD SERVICES LABORATORY

ANALYTICAL REPORT

PIT CLOSURE PROJECT - Soil

SAMPLE IDENTIFICATION

SAMPLE NUMBER:

MK 168

945729

MTR CODE | SITE NAME:

70461

N/A

SAMPLE DATE | TIME (Hrs):

7-20-94

1235

SAMPLED BY:

N/A

DATE OF TPH EXT. | ANAL.:

7-21-94

7/21/94

DATE OF BTEX EXT. | ANAL.:

N/A

N/A

TYPE | DESCRIPTION:

VG

DK Grey coarse sand

REMARKS:

RESULTS

PARAMETER	RESULT	UNITS	QUALIFIERS			
			DF	Q	M(g)	V(ml)
BENZENE		MG/KG				
TOLUENE		MG/KG				
ETHYL BENZENE		MG/KG				
TOTAL XYLENES		MG/KG				
TOTAL BTEX		MG/KG				
TPH (418.1)	2030	MG/KG			2.14	28
HEADSPACE PID	277	PPM				
PERCENT SOLIDS	93.0 2.0	%				

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

Spill Recovery was at
Site:

N/A

% for this sample All QA/QC was acceptable.

F = Dilution Factor Used

J.S.

Date:

8/6/94

FIELD PIT REMEDIATION/CLOSURE FORM

GENERAL

Meter: 70661 Location: Marren #1

Coordinates: Letter: M Section 24 Township: 27 Range: 8

Or Latitude _____ Longitude _____

Date Started : 7-20-94 Run: 13 31

FIELD OBSERVATIONS

Sample Number(s): MK 168

Sample Depth: 4' Feet

Final PID Reading 277 PID Reading Depth 4' Feet

Groundwater Encountered ☐ Yes ☒ No

Approximate Depth _____ Feet

CLOSURE

Remediation Method :

Excavation ☐ Approx. Cubic Yards _____

Onsite Bioremediation ☐

Backfill Pit Without Excavation ☒

Soil Disposition:

Envirotech ☐ Tierra ☐

Other Facility ☐ Name: _____

Pit Closure Date: 7-20-94 Pit Closed By: BEI

REMARKS

Remarks : EPNG lines marked soil grayish black

Strong Hydrocarbon odor Hit sandstone 4'

Signature of Specialist: Morgan Killian

CHAIN OF CUSTODY RECORD

PROJECT NUMBER		PROJECT NAME		PROJECT # 24324		DATE		7-20-94	
LABID		DATE	TIME	MATRIX	SAMPLE NUMBER	TOTAL NUMBERS OF CONTAINERS		SAMPLE TYPE	
146		7-20-94	08:58	Soil	MK163	1	UG	X	TPH EPA 418.1
147		7-20-94	09:40	Soil	MK164	1	UG	X	BTEX EPA 8020
148		7-20-94	10:21	Soil	MK165	1	UG	X	
149		7-20-94	10:59	Soil	MK166	1	UG	X	
150		7-20-94	11:35	Soil	MK167	1	UG	X	
151		7-20-94	12:35	Soil	MK168	1	UG	X	
152		7-20-94	13:24	Soil	MK169	1	UG	X	
153		7-20-94	14:40	Soil	MK170	1	UG	X	
154		7-20-94	15:45	Soil	MK171	1	UG	X	
155		7-20-94	16:49	Soil	MK172	1	UG	X	

REQUESTED ANALYSIS		RECEIVED BY: (Signature)		DATE/TIME		RECEIVED BY: (Signature)		DATE/TIME	
TPH EPA 418.1	BTEX EPA 8020	<i>L. Casbeer</i>	<i>L. Casbeer</i>	7-20-94	17:51	7-20-94	09:22		
REMARKS		RECEIVED OF LABORATORY BY: (Signature)		DATE/TIME		RECEIVED OF LABORATORY BY: (Signature)		DATE/TIME	
Sample MK171 - the lid was not taped with the tape Kim Kirby will tape sample was individually bagged		<i>Kim Kirby</i>							

REQUESTED TURNAROUND TIME:		SAMPLE RECEIPT REMARKS	
<input type="checkbox"/> ROUTINE	<input type="checkbox"/> RUSH	Sample MK171 - the lid was not taped with the tape Kim Kirby will tape sample was individually bagged	
CARRIER CO.		CHARGE CODE	
BILL NO.:		505-599-2144	

RESULTS & INVOICES TO:	
FIELD SERVICES LABORATORY EL PASO NATURAL GAS COMPANY P.O. BOX 4990 FARMINGTON, NEW MEXICO 87499	
FAX: 505-599-2261	

[illegible]

EL PASO FIELD SERVICES

FIELD SERVICES LABORATORY ANALYTICAL REPORT PIT CLOSURE PROJECT

SAMPLE IDENTIFICATION

	Field ID	Lab ID
SAMPLE NUMBER:	CMC402	980499
MTR CODE SITE NAME:	70661	Marron #1
SAMPLE DATE TIME (Hrs):	7/2/98	1046
PROJECT:	Phase II Drilling	
DATE OF TPH EXT. ANAL.:	7/15/98	7/15/98
DATE OF BTEX EXT. ANAL.:	7/9/98	7/9/98
TYPE DESCRIPTION:	VG	SOIL

Field Remarks: 25-25.5'

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 (MOD.8015)	<20	MG/KG				
HEADSPACE PID	6	PPM				
PERCENT SOLIDS	91.5	%				

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

The Surrogate Recovery was at 91.3 % for this sample All QA/QC was acceptable.

Narrative:

DF = Dilution Factor Used

Approved By: John Larden

Date: 7/22/98

GAS CHROMATOGRAPHY RESULTS

TEST : EPA 8015 MODIFIED (DIRECT INJECT)
CLIENT : EL PASO FIELD SERVICES
PROJECT # : (none)
PROJECT NAME : PHASE II DRILLING

AEN I.D.: 807329

SAMPLE		MATRIX	DATE	DATE	DATE	DIL.
ID. #	CLIENT I.D.		SAMPLED	EXTRACTED	ANALYZED	FACTOR
01	980499	NON-AQ	7/2/98	7/15/98	7/15/98	1
02	980500	NON-AQ	7/2/98	7/15/98	7/15/98	1
PARAMETER		DET. LIMIT	UNITS	01	02	
FUEL HYDROCARBONS, C6-C10		10	MG/KG	< 10	< 10	
FUEL HYDROCARBONS, C10-C22		5.0	MG/KG	< 5.0	< 5.0	
FUEL HYDROCARBONS, C22-C36		5.0	MG/KG	< 5.0	< 5.0	
CALCULATED SUM:						

surrogate:
 surrogate LIMITS

(66 - 151)

108

97

CHEMIST NOTES:
N/A

PROJECT MANAGER: John Lambdin

COMPANY: El Paso Field Services Co.
ADDRESS: 770 W. NAVAJO
FARMINGTON, NM 87401
PHONE: (505) 599-2144
FAX: (505) 599-2261
BILL TO: Above
COMPANY:
ADDRESS:

Above

COMPANY:

ADDRESS:

LIBRARY	DATE	TIME	TABLET
98C499	7/2/98	1046	So:1
98O500	7/2/98	1440	So:1

980500	7/2/98	1440	Sci
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[illegible]

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[illegible][illegible]

INFORMATION

SECURITY INFORMATION ☐ 24hr ☐ 48hr

10-11-12 13-14-15 16-17-18 19-20-21 22-23-24 25-26-27 28-29-30 31-32-33 34-35-36 37-38-39 40-41-42 43-44-45 46-47-48 49-50-51 52-53-54 55-56-57 58-59-60 61-62-63 64-65-66 67-68-69 70-71-72 73-74-75 76-77-78 79-80-81 82-83-84 85-86-87 88-89-90 91-92-93 94-95-96 97-98-99 100-101-102 103-104-105 106-107-108 109-110-111 112-113-114 115-116-117 118-119-120 121-122-123 124-125-126 127-128-129 130-131-132 133-134-135 136-137-138 139-140-141 142-143-144 145-146-147 148-149-150 151-152-153 154-155-156 157-158-159 160-161-162 163-164-165 166-167-168 169-170-171 172-173-174 175-176-177 178-179-180 181-182-183 184-185-186 187-188-189 190-191-192 193-194-195 196-197-198 199-200-201 202-203-204 205-206-207 208-209-210 211-212-213 214-215-216 217-218-219 220-221-222 223-224-225 226-227-228 229-230-231 232-233-234 235-236-237 238-239-240 241-242-243 244-245-246 247-248-249 250-251-252 253-254-255 256-257-258 259-260-261 262-263-264 265-266-267 268-269-270 271-272-273 274-275-276 277-278-279 280-281-282 283-284-285 286-287-288 289-290-291 292-293-294 295-296-297 298-299-300 301-302-303 304-305-306 307-308-309 310-311-312 313-314-315 316-317-318 319-320-321 322-323-324 325-326-327 328-329-330 331-332-333 334-335-336 337-338-339 340-341-342 343-344-345 346-347-348 349-350-351 352-353-354 355-356-357 358-359-360 361-362-363 364-365-366 367-368-369 370-371-372 373-374-375 376-377-378 379-380-381 382-383-384 385-386-387 388-389-390 391-392-393 394-395-396 397-398-399 400-401-402 403-404-405 406-407-408 409-410-411 412-413-414 415-416-417 418-419-420 421-422-423 424-425-426 427-428-429 430-431-432 433-434-435 436-437-438 439-440-441 442-443-444 445-446-447 448-449-450 451-452-453 454-455-456 457-458-459 460-461-462 463-464-465 466-467-468 469-470-471 472-473-474 475-476-477 478-479-480 481-482-483 484-485-486 487-488-489 490-491-492 493-494-495 496-497-498 499-500-501 502-503-504 505-506-507 508-509-510 511-512-513 514-515-516 517-518-519 520-521-522 523-524-525 526-527-528 529-530-531 532-533-534 535-536-537 538-539-540 541-542-543 544-545-546 547-548-549 550-551-552 553-554-555 556-557-558 559-560-561 562-563-564 565-566-567 568-569-570 571-572-573 574-575-576 577-578-579 580-581-582 583-584-585 586-587-588 589-590-591 592-593-594 595-596-597 598-599-600 601-602-603 604-605-606 607-608-609 610-611-612 613-614-615 616-617-618 619-620-621 622-623-624 625-626-627 628-629-630 631-632-633 634-635-636 637-638-639 640-641-642 643-644-645 646-647-648 649-650-651 652-653-654 655-656-657 658-659-660 661-662-663 664-665-666 667-668-669 670-671-672 673-674-675 676-677-678 679-680-681 682-683-684 685-686-687 688-689-690 691-692-693 694-695-696 697-698-699 700-701-702 703-704-705 706-707-708 709-710-711 712-713-714 715-716-717 718-719-720 721-722-723 724-725-726 727-728-729 730-731-732 733-734-735 736-737-738 739-740-741 742-743-744 745-746-747 748-749-750 751-752-753 754-755-756 757-758-759 760-761-762 763-764-765 766-767-768 769-770-771 772-773-774 775-776-777 778-779-780 781-782-783 784-785-786 787-788-789 790-791-792

Case # 01111111

FedEx	COMMENTS: FIXED F
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AMPLE RECEIPT

2

Y/N/CA

yes

20

American Environmental Network (NM), Inc. • 2709-D Pan American

SHADED AREAS ARE FOR LAB USE ONLY.

PLEASE FILL THIS FORM IN COMPLETELY.

BTEX SOIL SAMPLE WORKSHEET

File	:	980499	Date Printed	:	7/16/98
Soil Mass (g)	:	5.04	Multiplier (L/g)	:	0.00099
Extraction vol. (mL)	:	10	CAL FACTOR (Analytical)	:	200
Shot Volume (uL)	:	50	CAL FACTOR (Report)	:	0.19841

	DILUTION FACTOR:	1	Det. Limit
Benzene (ug/L) : <0.5	Benzene (mg/Kg):	#VALUE!	0.496
Toluene (ug/L) : <0.5	Toluene (mg/Kg):	#VALUE!	0.496
Ethylbenzene (ug/L) : <0.5	Ethylbenzene (mg/Kg):	#VALUE!	0.496
p & m-xylene (ug/L) : <1.0	p & m-xylene (mg/Kg):	#VALUE!	0.992
o-xylene (ug/L) : <0.5	o-xylene (mg/Kg):	#VALUE!	0.496
	Total xylenes (mg/Kg):	#VALUE!	1.488
	Total BTEX (mg/Kg):	#VALUE!	

RECORD OF SUBSURFACE EXPLORATION

PHILIP SERVICES CORP.

4000 Monroe Road
Albuquerque, New Mexico 87401
(505) 326-2262 FAX (505) 326-2388

Borehole # BH- 1
Well # 134
Page 1 of 1

Project Number 19643 Phase 1001.77
Project Name EPFS PITS >10
Project Location Marron #1 70661

Elevation _____
Borehole Location LTR: M S: 24 T: 27 R: 8
GWL Depth NA
Drilled By K. PADILLA
Well Logged By C. CHANCE
Date Started 7/2/98
Date Completed 7/2/98

Drilling Method 4 1/4 ID HSA
Air Monitoring Method PID

Depth (Feet)	Sample Number	Sample Interval	Sample Type & Recovery (inches)	Sample Description Classification System: USCS	USCS Symbol	Depth Lithology Change (feet)	Air Monitoring Units: PPM			Drilling Conditions & Blow Counts
							BZ	BH	S/HS	
0				Excavation Sand collected @ 4'						BZ=Breathing Zone BH=Borehole S/HS=Sample/Headspace
5	1	5-5.5	6	Lt br silty SAND, med-coarse sand, v dense, dry, abnt Qtz			0	0	$\frac{165}{158}$	1004 hr
10	2	10-10.5	6	Grn/Gry silty SAND, med-coarse, v dense, dry, abnt Qtz			0	9	$\frac{406}{402}$	1012 hr
15	3	15-15.5	4	Lt br silty SAND, med-coarse sand, v dense, dry, abnt Qtz			5	110	$\frac{341}{86}$	1020 hr
20	4	20-20.5	4	Gry silty SAND, coarse sand, well sorted, v dense, dry, Qtz Br SILTSTONE, mod hard, to clay parting			4	36	$\frac{34}{9}$	1030 hr Drilling harder
25	5	25-25.5	6	Lt Br clayey SAND, v F-F sand dense, dry TOB 25.5			3	116	$\frac{3}{6}$	1046
30										
35										
40										

Comments: CMC 402 (25-25.5) sent to lab for BTEX, TPH. No GW encountered.
OH, grouted to surface

Geologist Signature

Cory Chance