District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 South First, Artesia, NM 88210
District III
'00 Rio Brazos Road, Aztec, NM 87410
strict IV
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

Oil Conservation Division
2040 South Pacheco
Santa Fe, NM 87505

Form C-141
Revised March 17, 1999

Submit 2 Copies to appropriate District Office in accordance with Rule 116 on back side of form

Release Notification and Corrective Action

OPERATOR

☐ Initial Report ☑ Final Repor

Name of Company: E.O.T.T. Energy Pipeline	Contact: Wayne Brunette / Frank Hernandez
Address: 5805 E Hiway 80, Midland Tx 79701	Telephone No.: 915.684.3479 / 915.638.3799
Facility Name: Exxon V State #2	Facility Type: Pipeline

Surface Owner	Mineral Owner	Lease No.
State of New Mexico		

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
J	10	21S	37E					Lea

Lat 32° 29' 28" N
Long 103° 08' 48" W

NATURE OF RELEASE

Refer to initial C-141

Type of Release: Crude oil	Volume of Release: / Volume Recovered:
Source of Release: 4" Steel Pipeline	Date and Hour of Occurrence: / Date and Hour of Discovery:
Was Immediate Notice Given? ☐ Yes ☐ No ☐ Not Required	If YES, To Whom?
Whom?	Date and Hour
Was a Watercourse Reached? ☐ Yes ☑ No	If YES, Volume Impacting the Watercourse.

If a Watercourse was Impacted, Describe Fully.*

RECEIVED DEC 2001 Hobbs OCD

Describe Cause of Problem and Remedial Action Taken.*
Internal Corrosion.

Contaminated soil excavated + the Line repaired with a clamp.

Describe Area Affected and Cleanup Action Taken.*
Refer to the initial C-141 + the attached report documenting implementation of the approved remediation Work Plan.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the NMOCD marked as "Final Report" does not relieve the operat of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

Signature: F. Hernandez	OIL CONSERVATION DIVISION
Printed Name: FRANK HERNANDEZ	Approved by District Supervisor:
Title: District Environmental Supervisor	Approval Date: / Expiration Date:
Date: 12-14-01 Phone: 915-638-3799	Conditions of Approval: / Attached ☐

* Attach Additional Sheets If Necessary

ENVIRONMENTAL PLUS, INC. Micro-Blaze Micro-Blaze Out™
STATE APPROVED LAND FARM AND ENVIRONMENTAL SERVICES

December 13, 2001

Mr. Paul Sheeley
Energy Minerals and Natural Resources Department
Oil Conservation Division
1625 North French
Hobbs, New Mexico 88240

Subject: E.O.T.T. Exxon V State #2 final C-141 and closure documentation

E.O.T.T ref. - #2000-10543

Dear Mr. Sheeley,

Environmental Plus, Inc. (EPI), on behalf of E.O.T.T. Energy Pipeline (EOTT) submits the attached final New Mexico Oil Conservation Division (NMOCD) form C-141 and report documenting successful implementation of the remediation proposal and risk assessment approved by the NMOCD. Based on this information, EPI on behalf of EOTT requests that "no further action" be required at this site.

If there are any questions please call Mr. Ben Miller or myself at the office or at 505.390.0288 and 505.390.7864, respectively or Mr. Wayne Brunette, E.O.T.T., at 915.684.3479.

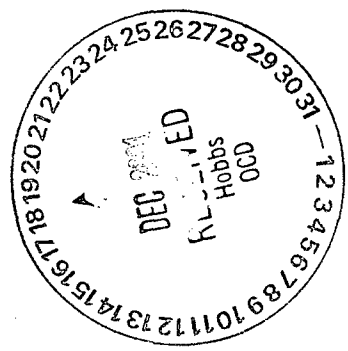
All official communication should be addressed to:

Mr. Wayne Brunette
E.O.T.T. Energy Pipeline
P.O. Box 1660
Midland, Texas 79703

Sincerely,

Pat McCasland
EPI Technical Services Manager

cc: Cutty Cunningham, ENRON
Wayne Brunette, E.O.T.T.
Ben Miller, EPI Vice President and General Manager
Sherry Miller, EPI President
file



ENVIRONMENTAL PLUS, INC.

P.O. BOX 1558 ••• 1324 NORTH MAIN ••• EUNICE, NEW MEXICO 88231
TELEPHONE 505•394•3481 FAX 505•394•2601

January 25, 2002

Mr. Wayne Brunette
E.O.T.T. Energy Pipeline
POB 1660
Midland, Texas 79703

Re: Final Closure - Exxon "V" State #2
Site Reference # 2000-10543
Dated: December 13, 2001

Dear Mr. Brunette,

The final site closure document referenced above submitted to the New Mexico Oil Conservation Division (OCD) by Environmental Plus, Inc., for E.O.T.T. Energy Pipeline is **hereby approved**. According to the documentation submitted no further action is required at this time.

Please be advised that OCD approval of this plan does not relieve E.O.T.T. Energy Pipeline of liability should their operations fail to adequately investigate and remediate contaminants that that threaten ground water, surface water, human health or the environment. In addition, OCD approval does not relieve E.O.T.T. Energy Pipeline of responsibility for compliance with any other federal, state, or local laws and/or regulations.

If you have any questions or need assistance please feel free to write or call me at (505) 393-6161, x113 or email psheeeley@state.nm.us

Sincerely,

Sent 1-25-02

Paul Sheeley-Environmental Engineer
Cc: Roger Anderson - Environmental Bureau Chief
Chris Williams - District I Supervisor
Bill Olson - Hydrologist
Larry Johnson - Environmental Engr.

E.O.T.T. ENERGY CORPORATION

IRP-76
10-6-05

FINAL C-141
CLOSURE DOCUMENTATION

EXXON "V" STATE #2
Ref.# 2000-10543 (LF-115)

NE ¼ SW ¼ of Sec 10, T21S, R37E,
~4 miles northeast of Eunice
Lea County, New Mexico

December 8, 2001

Prepared by

Environmental Plus, Inc.
2100 Avenue O
P.O. Box 1558
Eunice, New Mexico 88231
Tele 505•394•3481 FAX 505•394•2601

Table of Contents

EXECUTIVE SUMMARY

Initial spill response was to repair the leak and scrape the surface areas inundated by the crude oil spill. The contaminated soil was placed in the spoils pile on the southwest corner of an Apache Corp. Northeast Drinkard Unit Well #413 well pad. Site delineation determined that the soil in the area around the leak origin was contaminated to ~20-25' below ground surface ('bgs), the spill flow path only surficially, and the north pooling area to between ~10-15'bgs. The area on the compacted caliche well pad affected by the spill is stained but did not exhibit significant subsurface Total Petroleum Hydrocarbon EPA Method 8015m (TPH^{8015m}) or Benzene, Toluene, Ethyl Benzene, Xylenes (BTEX) contamination. Interim activities included excavating visibly contaminated soil, shredding, and land spreading on location.

It was known that the west side wall of the leak origin excavation was contaminated at the time the "Work Plan Supplement: Project Plan/ Site Investigation /Remediation/ Risk Assessment and Closure Plan, May 4, 2001" was submitted to the New Mexico Oil Conservation Division (NMOCD) for approval, but was considered historical and not a part of the current spill. At the request of the NMOCD and to support the conservative nature of the Risk Assessment, the historically contaminated area west of the leak origin excavation was delineated. During this delineation, the decision was made to advance two boreholes to ground water to obtain accurate site-specific ground level information. Surprisingly, there was no saturation overlaying the clastic red clay confining interbed encountered at ~60'bgs at either location, i.e., BH2 and BH8. This information was reported to the NMOCD in the letter report of November 15, 2001, justifying a Site Rank of "0" with a corresponding TPH remedial goal of 5,000 mg/Kg. The remediation strategy for the west delineation was to remove soil contaminated above the remedial goals, blend to acceptable levels, and backfill. Subsequent to NMOCD's approval of the Work Plan Supplement of May 4, 2001 and the Letter Report of November 15, 2001, the compacted clay barriers were installed and the excavated areas backfilled with the remediated soil and contoured to grade. Reseeding will occur in the Spring of 2002.

1.0 INTRODUCTION

This letter report documents implementation of the processes and procedures approved by the NMOCD in the EOTT Work Plan Supplement and Closure Plan dated May 4, 2001 and the Letter Report of November 15, 2001. Information provided in this report should be considered along with the previous reports.

2.0 BACKGROUND

The site is associated with an E.O.T.T. Energy Pipeline 2" steel pipeline located on New Mexico State Land leased by the Will Terry Trust. The area has been used historically for livestock grazing and access to oil and gas production facilities. The site is located ~4 miles northeast of Eunice, Lea County, New Mexico in Unit Letter J, in the NW¼ of the SE¼ of Section 10, T21S, R37E at latitude 32°29'28"N and longitude 103°08'48"W.

3.0 CLOSURE PLAN IMPLEMENTATION

The first phase of the closure plan consisted of excavating, shredding and blending the contaminated soil. The second phase installed the compacted clay barriers at ~8'bgs and tested to 95% of the clay Proctor density. The third phase was to backfill the excavation with the remediated soil.

3.1 Excavation, Shredding and Blending

Consistent with the approved proposal, the affected soil was excavated, shredded and blended with local clean soil in the area east of the spill. A map of the site excavation and blending area is included as Attachment I.

3.2 Clay Barrier Installation

Approximately 550 yd^3 of clastic red clay was purchased from Wallach Concrete in Eunice, New Mexico and installed in 2 successive compacted lifts, each 1' thick in the area of the leak origin and the north pooling area. The engineering firm of Pettigrew and Associates, Hobbs, New Mexico performed compaction tests on the first lift in two distinct areas on November 21, 2001 and on November 26, 2001 on the second lift. All compaction tests achieved 95% of the Proctor criteria. Copies of the Density tests are included as Attachment II.

3.3 Backfilling and Contouring

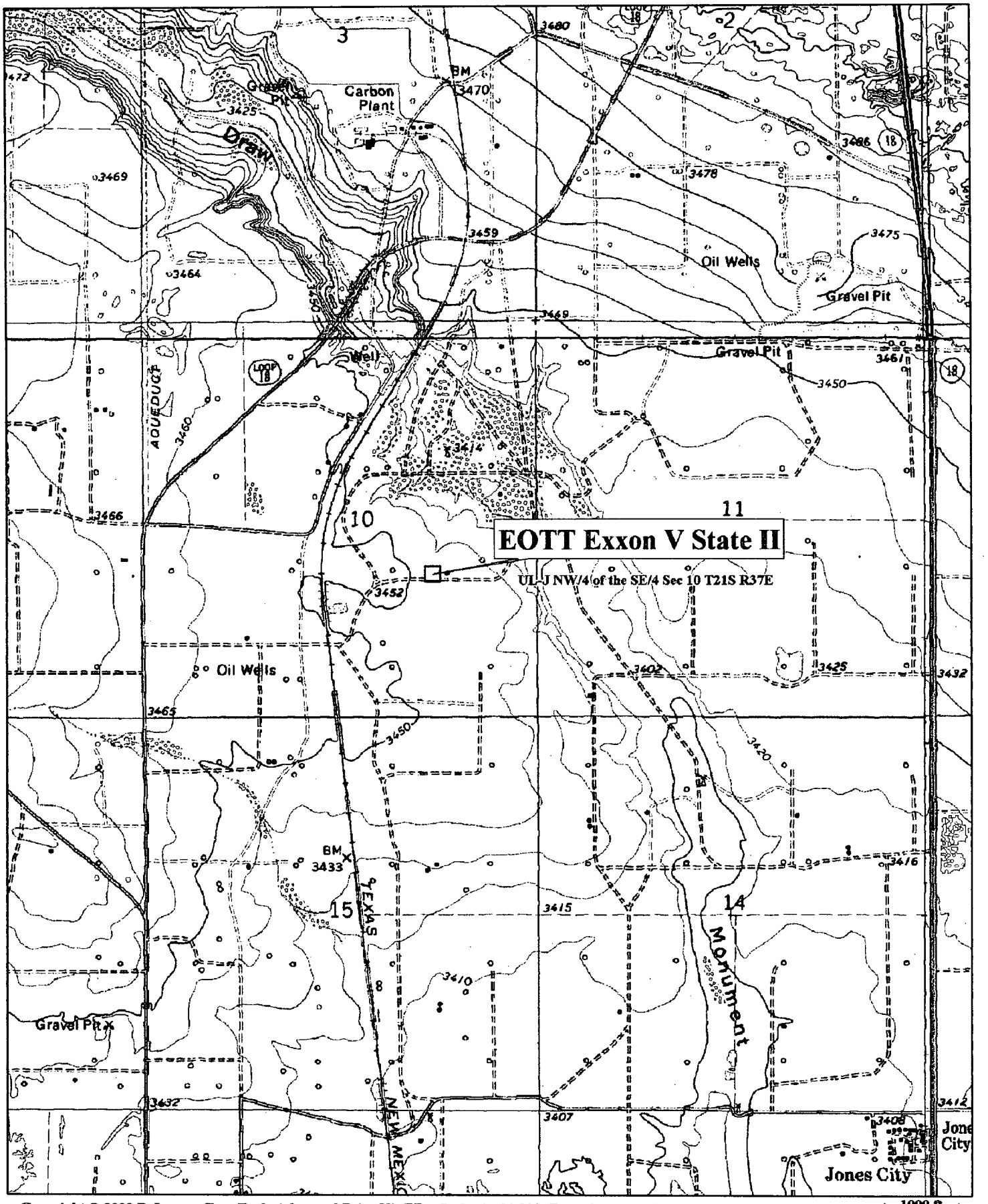
Subsequent to successful barrier installation, the excavation was backfilled with the remediated soil and contoured. Prior to backfilling, the remediation of the soil was verified by analyzing composite samples collected from each quadrant of the blending cell. Each quadrant represents between 500 and 700 yd^3 of remediated soil. All TPH^{8015m} and BTEX data were well below the NMOCD acceptable remedial goals. The data reports are included as Attachment IV and photographs are included as Attachment III. The table below summarizes the TPH^{8015m} data for the remediated backfill.

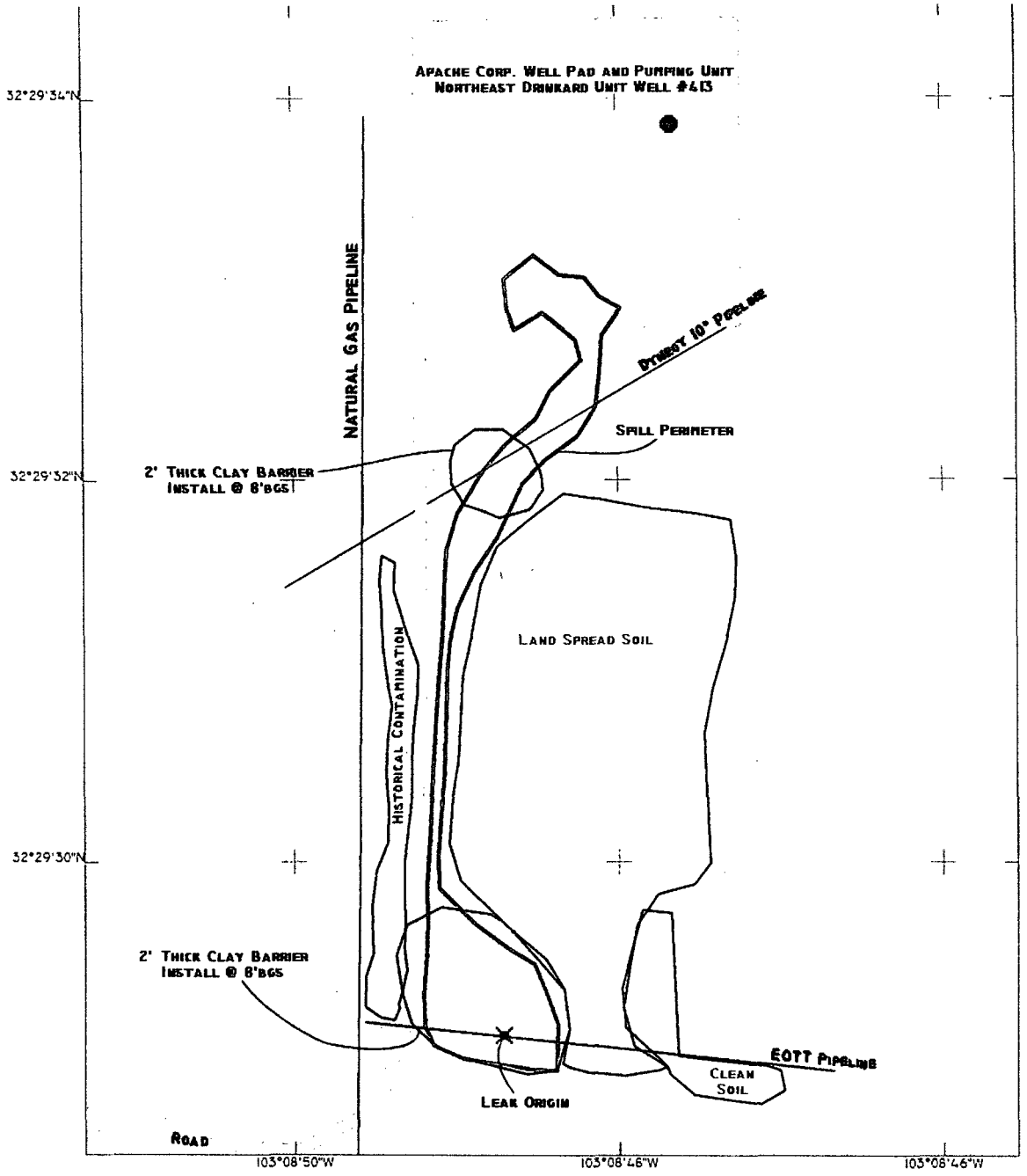
Quadrant Sample ID	Diesel Range Organics mg/Kg	Gasoline Range Organics mg/Kg	TPH^{8015m} mg/Kg
SEEV112601NE (Northeast)	442	2980	3422
SEEV112601NW (Northwest)	286	2970	3256
SEEV112601SE (Southeast)	252	2070	2322
SEEV112601SW (Southwest)	60	2930	2990
Averages	*260*	*2737*	*2997.5*

4.0 Closure Justification

This report documents successful implementation of the RA and Remediation Plan approved by the NMOCD. The data collected from the blending cell sampling indicates that the remediation processes, i.e. blending and shredding, were effective in achieving acceptable levels of CoCs. Based on the information provided in this report, EPI, on behalf of E.O.T.T. Energy Pipeline, requests that the NMOCD require "no further action" at this site.

Attachment I: Figures and Maps


EOTT Exxon V State II
UL-J NW/4 of the SE/4 Sec 10 T21S R37E
Carbon Plant
Gravel Pit
Draw
Oil Wells
Gravel Pit
Well
AQUEDUCT
Oil Wells
Gravel Pit
BM 3433
TEXAS
NEW MEXICO
Monument
Jones City
3680
3470
3425
3469
3478
3459
3475
3464
3450
3469
3461
3460
3414
3466
10
11
3452
3402
3425
3432
3465
3450
3420
3416
15
14
3415
3410
3432
3407
3408
3412
Copyright © 2000 DeLorme. TopoTools Advanced Print Kit TE. Scale: 1 : 20,800 Zoom Level: 13-0 Datum: WGS84
1000 ft



E.O.T.T. Energy Pipeline
Exxon V State 2
UL-J NW/4 of the SE/4 of Section 10 T21S R37E

Lat/Long
WGS 1984

N

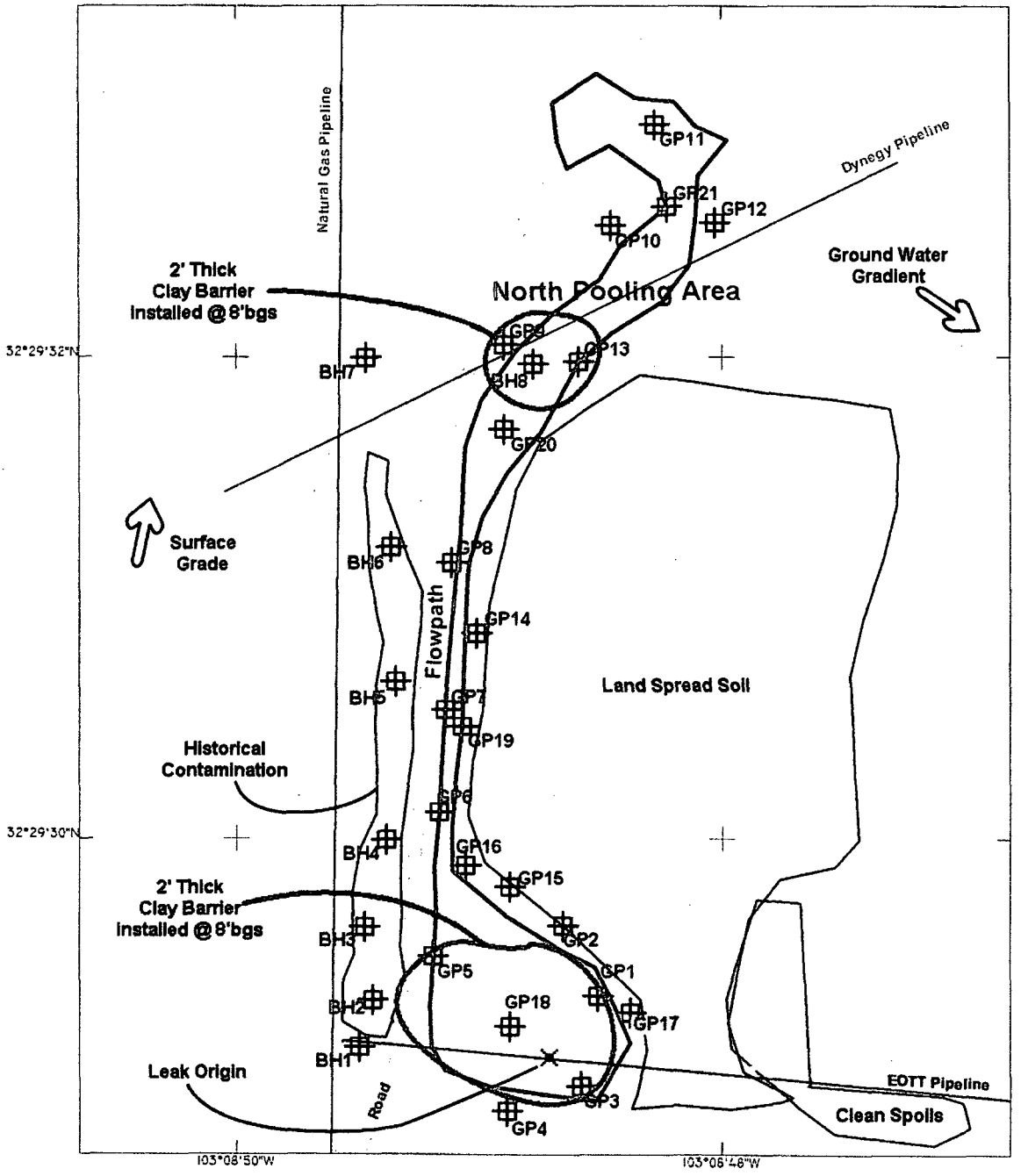
Scale 1 in : 90.0 ft

0 125.0

Feet

Multiple Files

12/14/2001



E.O.T.T. Energy Pipeline
Exxon V State 2
UL-J NW/4 of the SE/4 Section 10 T21S R37E

LAT/LONG
WGS 1984

N

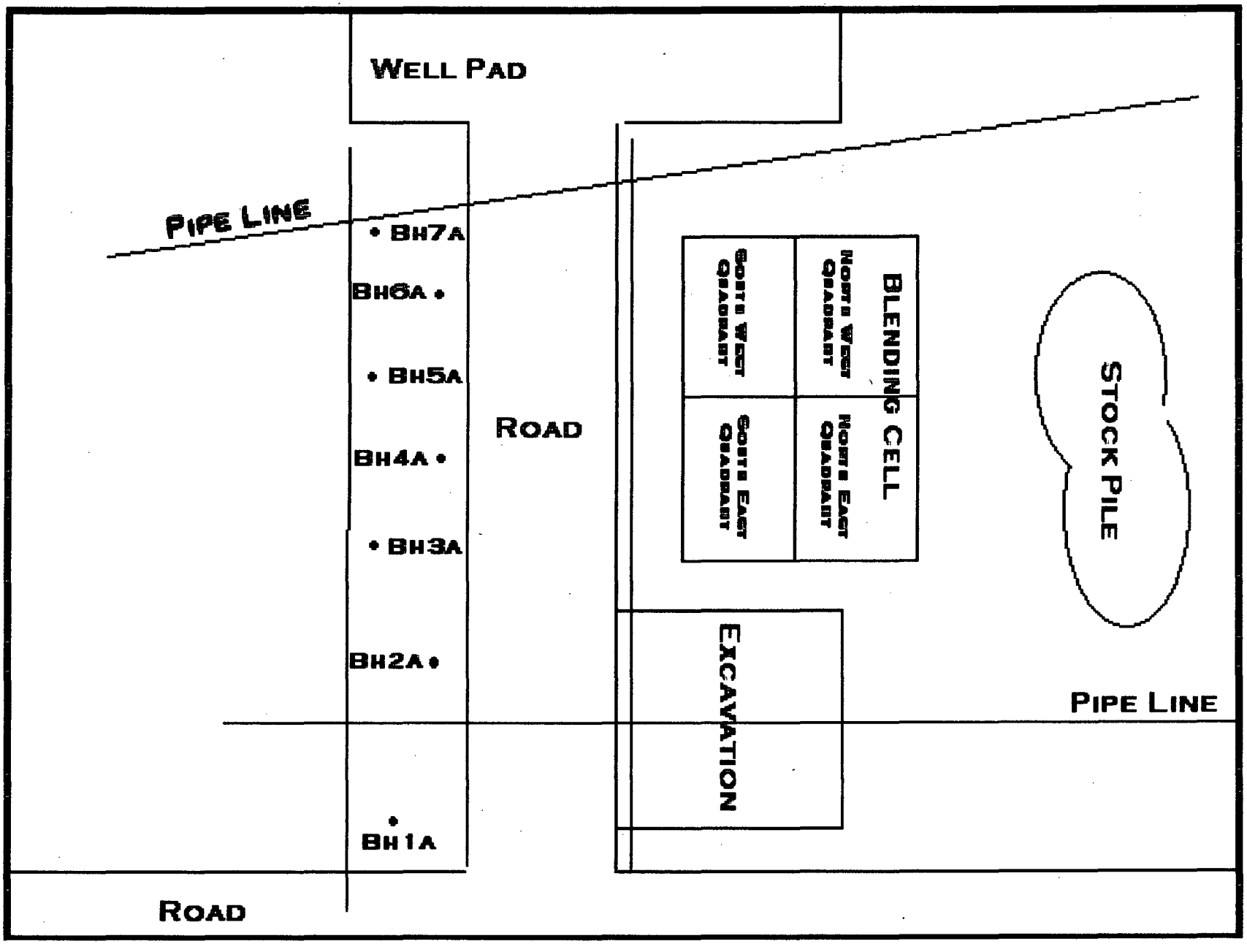
SCALE 1 IN : 60 FT

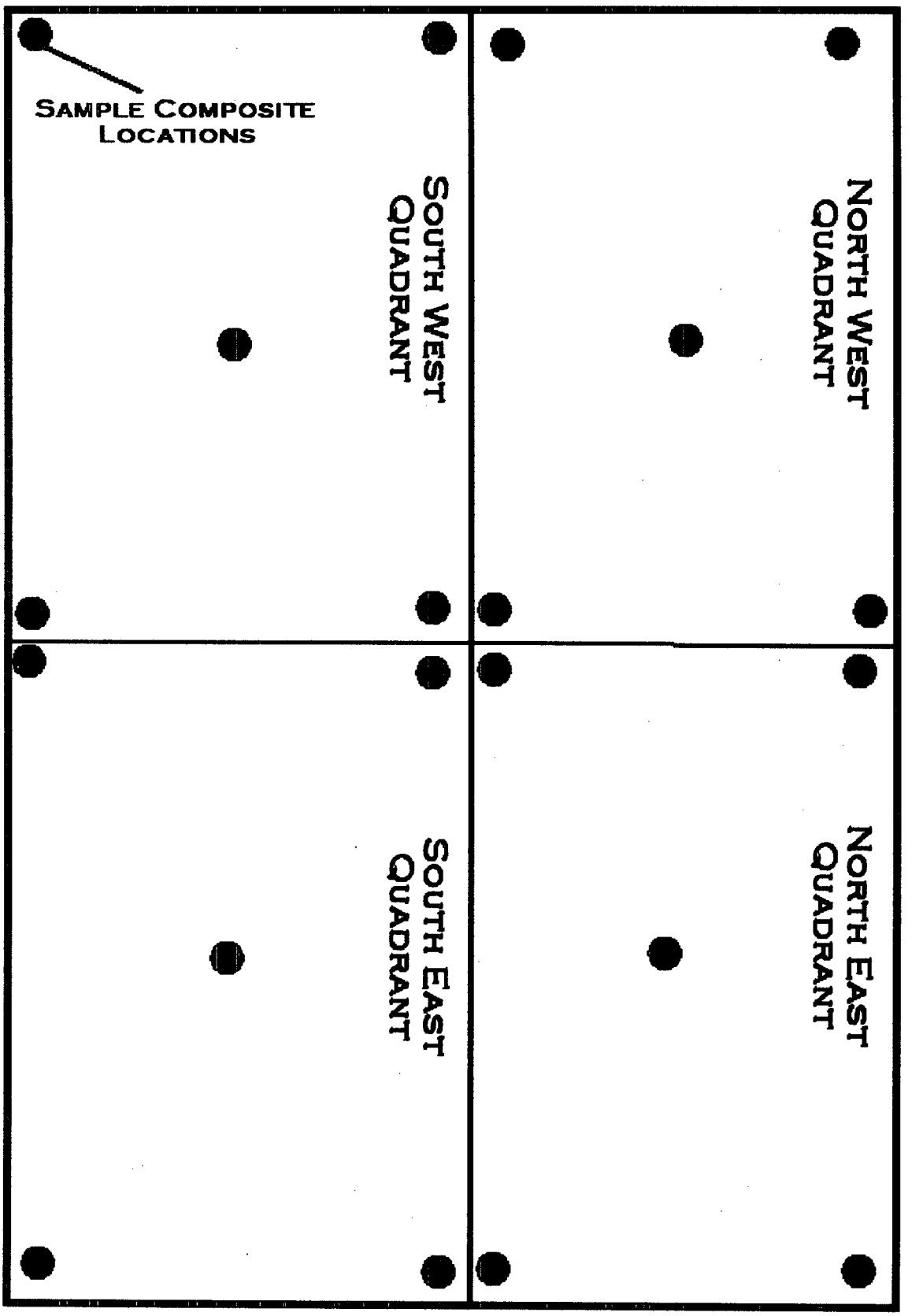
0 80.00

FEET

MULTIPLE FILES

12/14/2001


WELL PAD
PIPE LINE
BH7A
BH6A
BH5A
BH4A
BH3A
BH2A
BH1A
ROAD
BLENDING CELL
NORTH WEST QUADRANT
NORTH EAST QUADRANT
SOUTH WEST QUADRANT
SOUTH EAST QUADRANT
STOCK PILE
EXCAVATION
PIPE LINE
ROAD


SAMPLE COMPOSITE LOCATIONS
SOUTH WEST QUADRANT
NORTH WEST QUADRANT
SOUTH EAST QUADRANT
NORTH EAST QUADRANT

Attachment II: Density Test Reports

LABORATORY TEST REPORT
PETTIGREW and ASSOCIATES
1110 N. GRIMES
HOBBS, NM 88240
(505) 393-9827

DEBRA P. HICKS, P.E./ L.S.I.
WILLIAM M. HICKS, III, P.E./P.S.

TO: Environmental Plus, Inc.
Attn: Roger Boone
P.O. Box 1558
Eunice, NM 88231

MATERIAL: Red Clay

PROJECT: Exxon V-State #2
PO # 1999 10543

TEST METHOD: ASTM: D 2922

DATE OF TEST: November 21, 2001

DEPTH: 1' Finished Subgrade

TEST NO.	LOCATION	DRY DENSITY % Maximum	% MOISTURE	DEPTH
SG-1	S. Pit - 20' W. & 26' N. of the SE Corner	98.5	13.3	
SG-2	S. Pit - 25' W. & 30' N. of the SE Corner	95.7	13.3	
SG-3	N. Pit - 20' W. & 5' N. of the SE Corner	105.0	13.2	
SG-4	N. Pit - 25' W. & 25' N. of the SE Corner	109.1	12.3	

CONTROL DENSITY: 103.0
ASTM: D 698

OPTIMUM MOISTURE: 22.7%

REQUIRED COMPACTION: 95%

LAB NO.: 01 2408-2412

COPIES TO: Environmental Plus

PETTIGREW and ASSOCIATES

BY:

LABORATORY TEST REPORT
PETTIGREW and ASSOCIATES
1110 N. GRIMES
HOBBS, NM 88240
(505) 393-9827

DEBRA P. HICKS, P.E./ L.S.I.
WILLIAM M. HICKS, III, P.E./P.S.

TO: Environmental Plus, Inc.
Attn: Roger Boone
P.O. Box 1558
Eunice, NM 88231

MATERIAL: Red Clay

PROJECT: Exxon V-State #2
PO # 1999 10543

TEST METHOD: ASTM: D 2922

DATE OF TEST: November 26, 2001

DEPTH: Finished Subgrade

TEST NO.	LOCATION	DRY DENSITY % Maximum	% MOISTURE	DEPTH
SG-5	S. Pit - 10' N. & 20' E. of the SW Corner	108.0	11.6	
SG-6	S. Pit - 10' S. & 15' W. of the NE Corner	105.5	12.4	
SG-7	N. Pit - 10' S. & 7' E. of the NW Corner	106.0	9.1	
SG-8	N. Pit - 5' N. & 2' W. of the SE Corner	98.8	12.6	

CONTROL DENSITY: 103.0
ASTM: D 698

OPTIMUM MOISTURE: 22.7%

REQUIRED COMPACTION: 95%

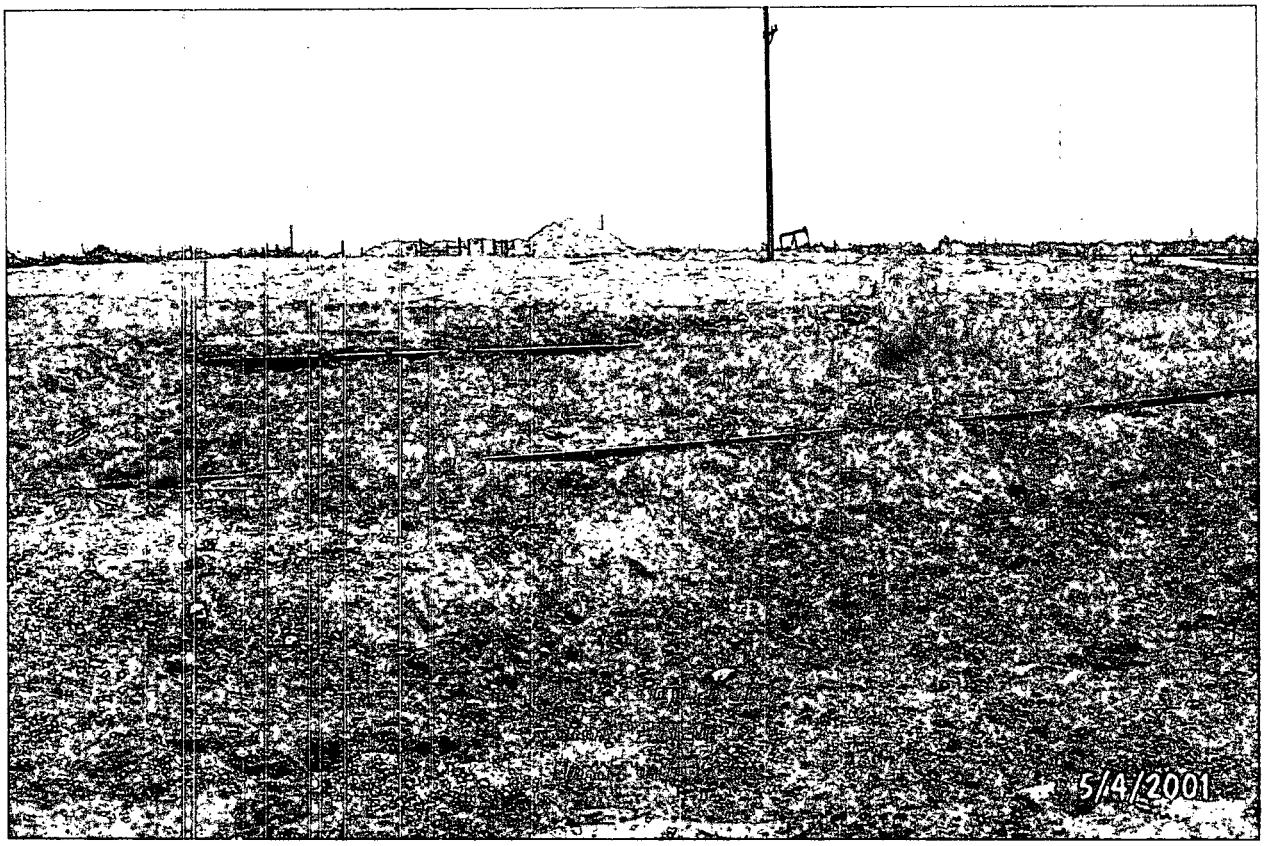
LAB NO.: 01 2413-2417

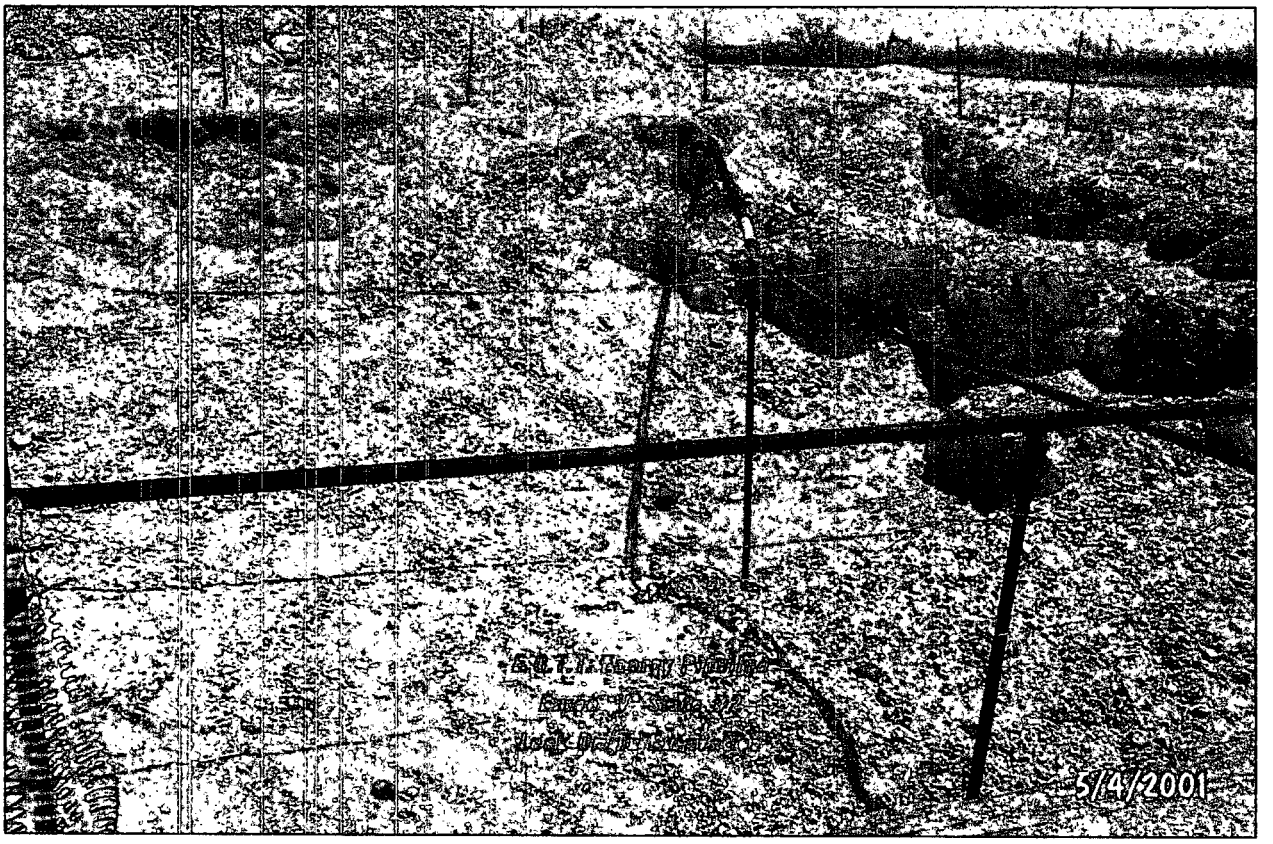
COPIES TO: Environmental Plus

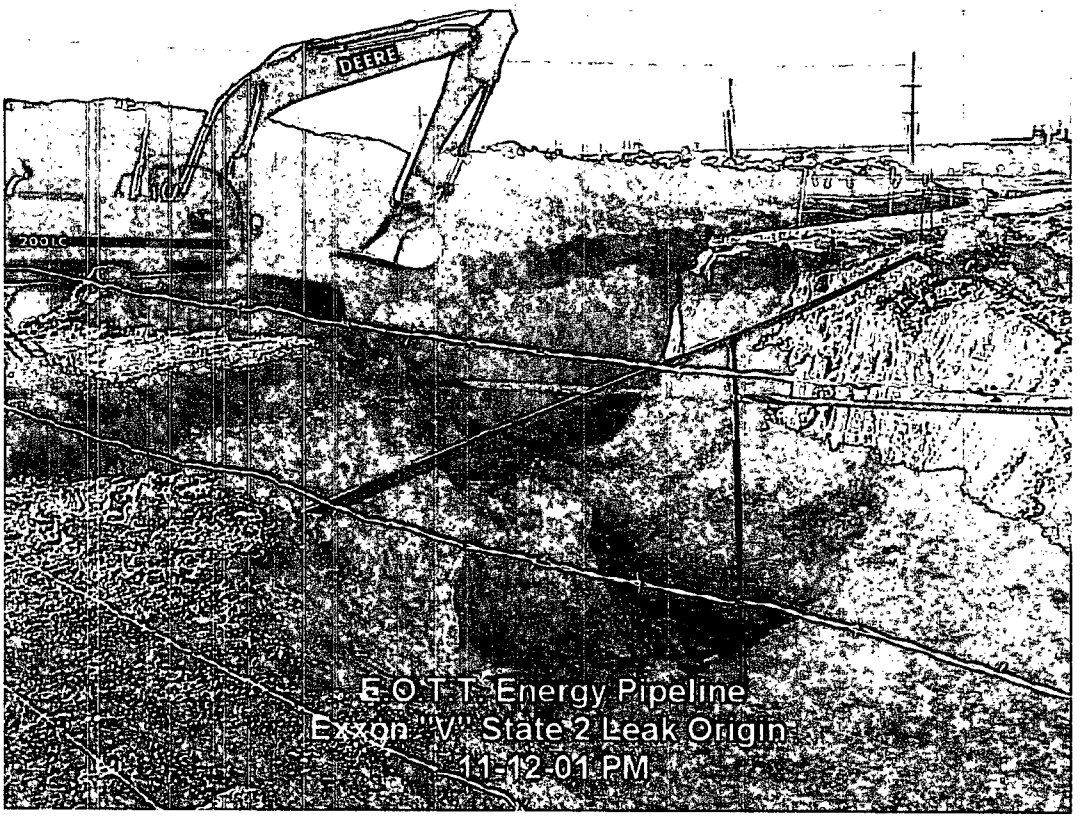
PETTIGREW and ASSOCIATES

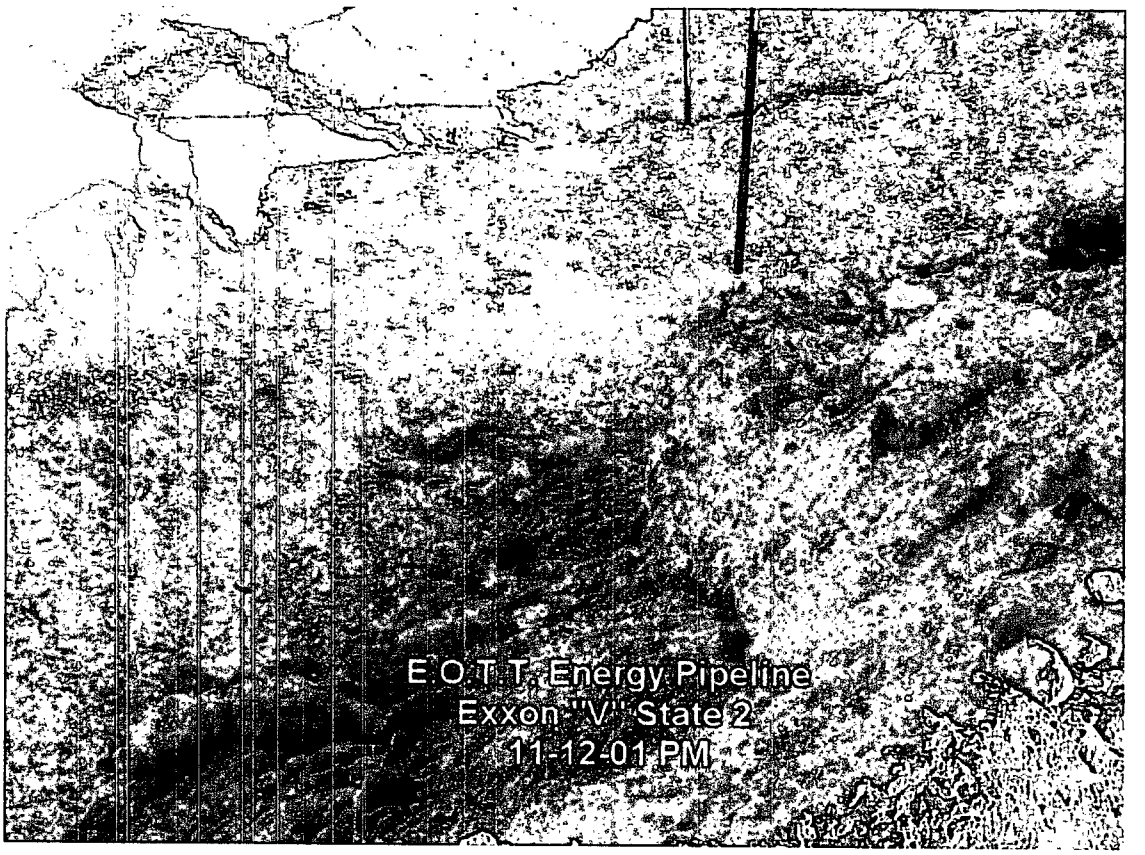
BY: [signature] SEC.

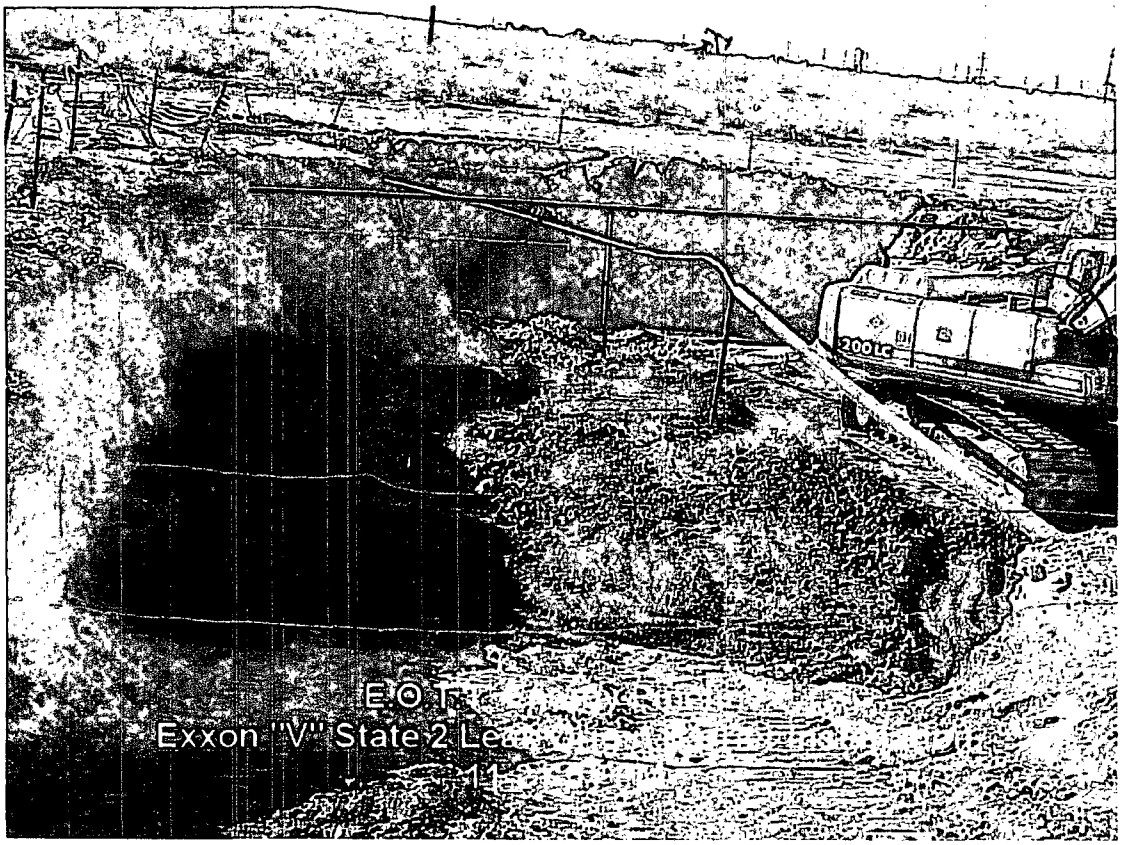
Attachment III: Photographs

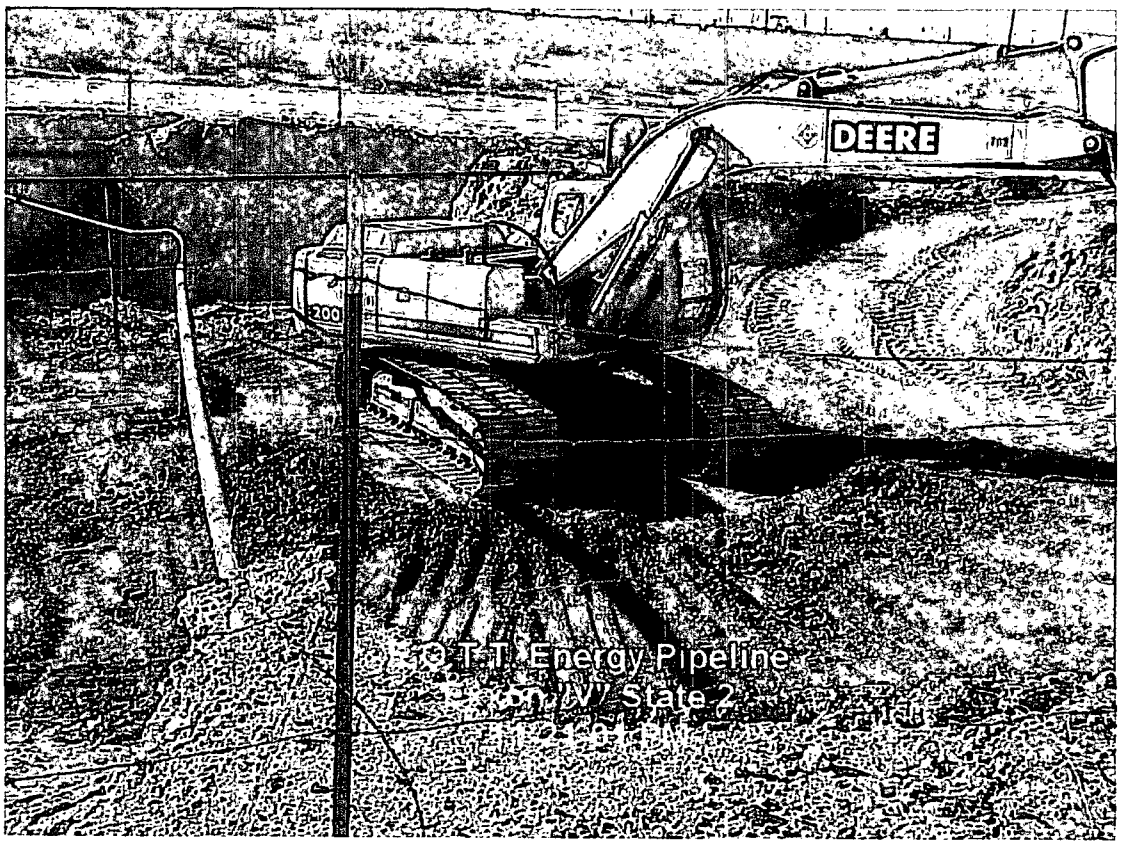

5/4/2001

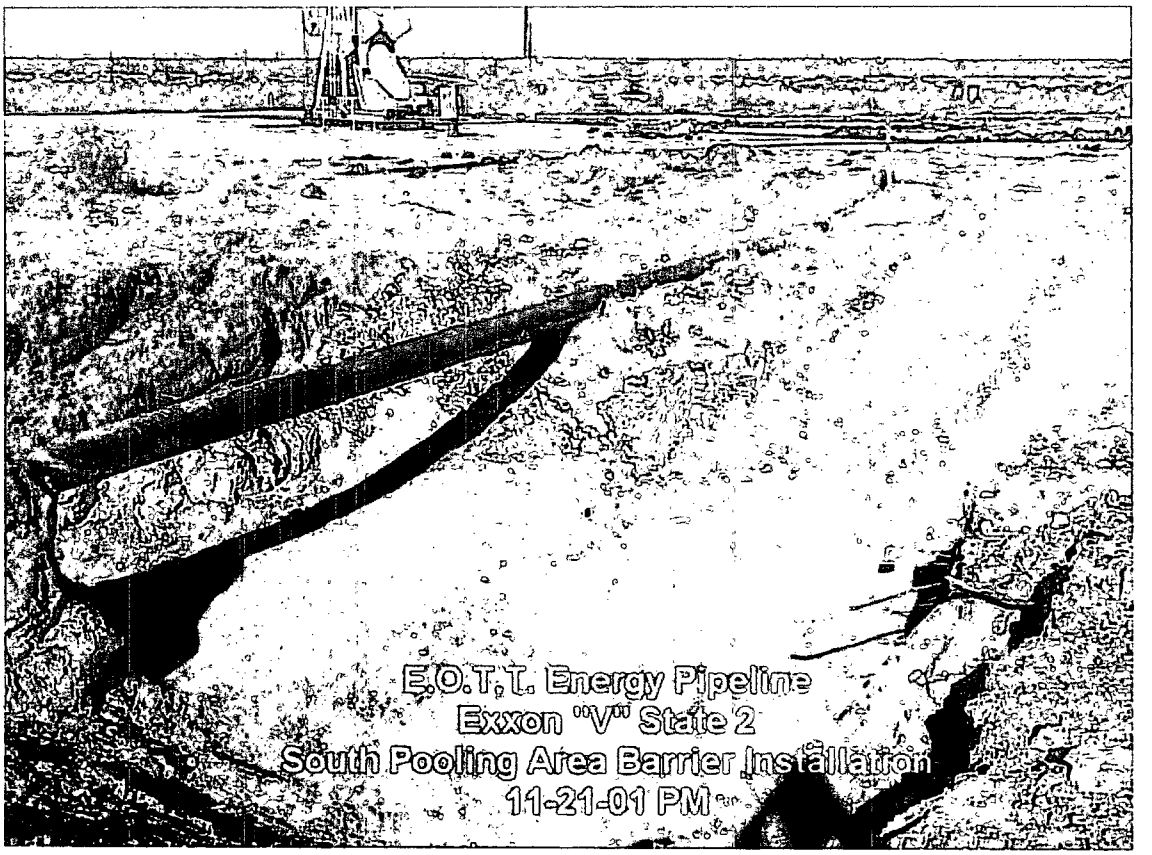

5/4/2001

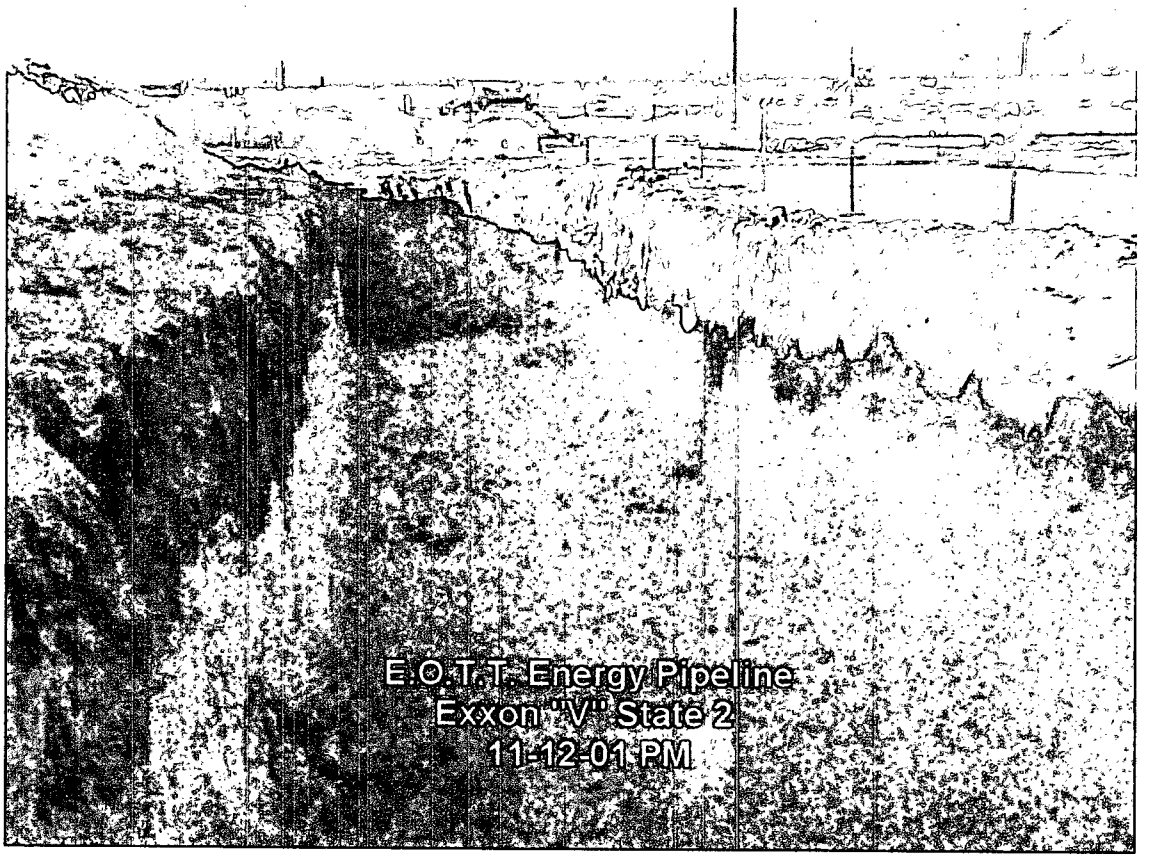

DEERE
E O T T Energy Pipeline
Exxon "V" State 2 Leak Origin
11-12-01 PM


E O T T Energy Pipeline
Exxon "V" State 2
11-12-01 PM

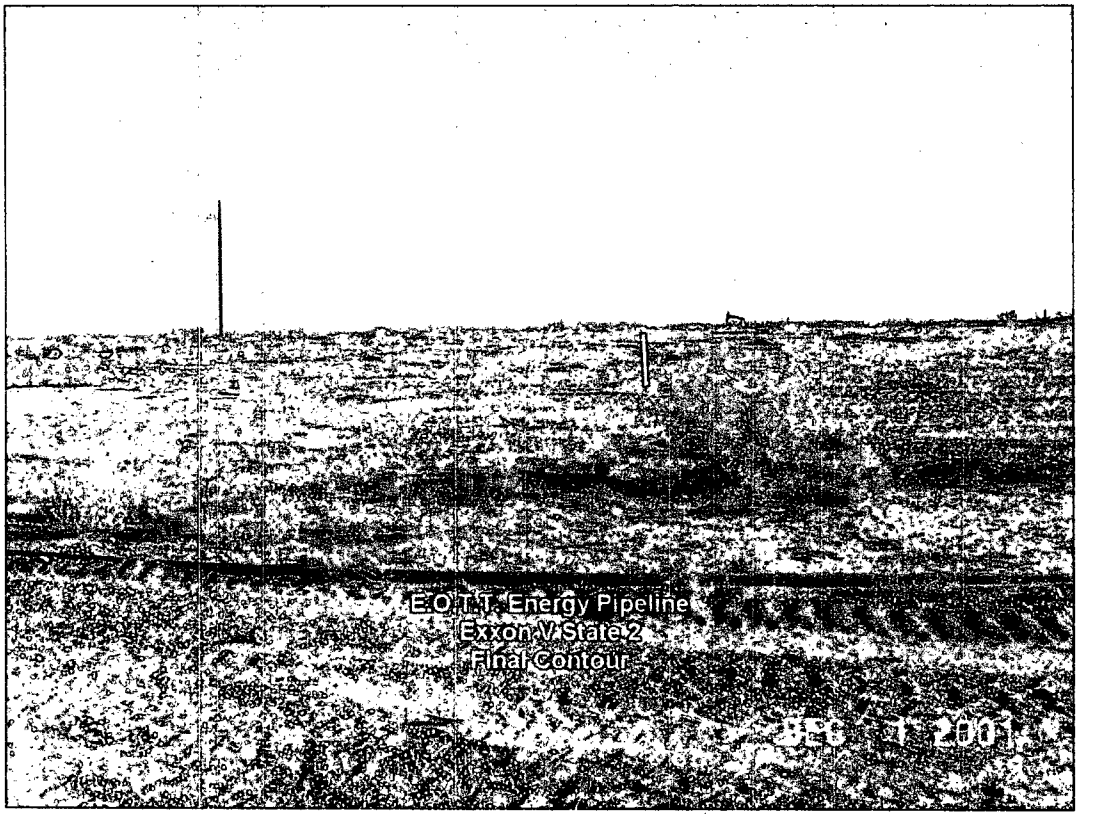

E.O.T.
Exxon "V" State 2 Lea
11

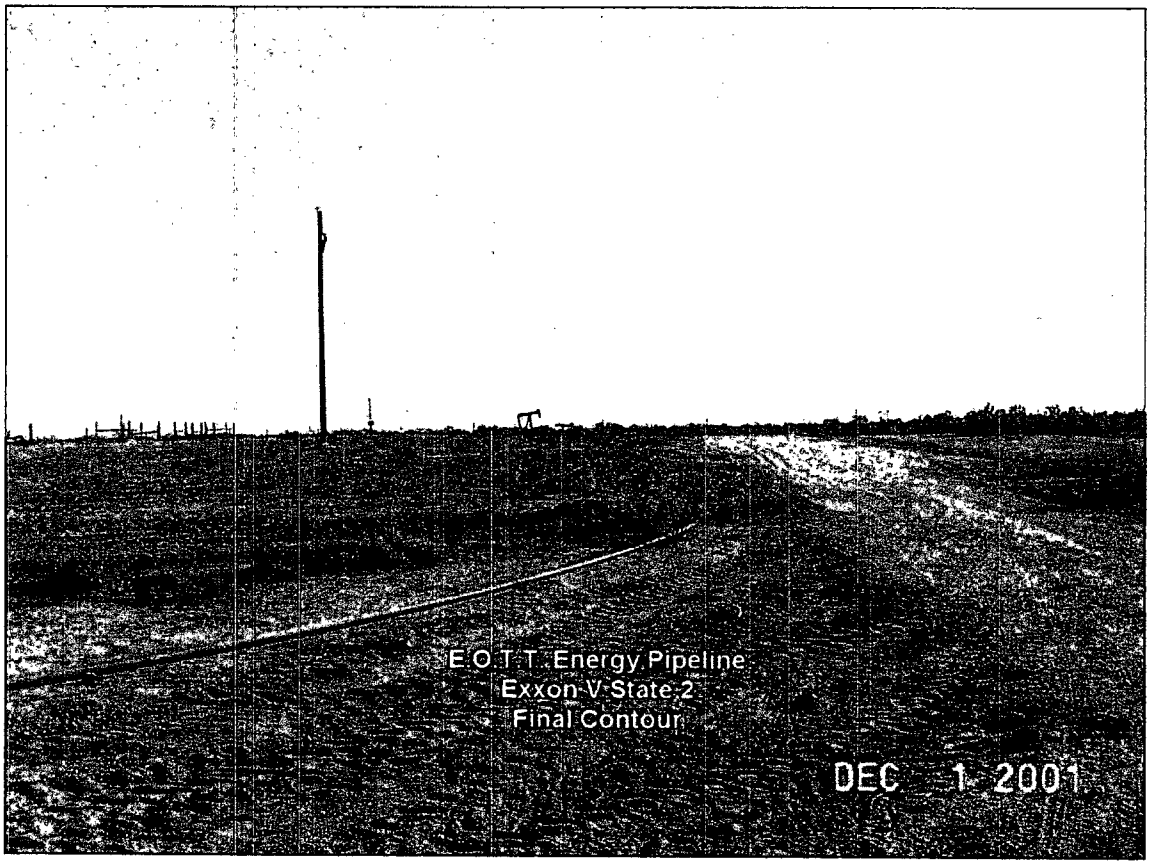

DEERE
200
E.O.T. Energy Pipeline
"V" State 2





West Excavation


E.O.T.T. Energy Pipeline
Exxon V State 2
Final Contour


E.O.T.T. Energy Pipeline
Exxon V State 2
Final Contour
DEC 1 2001

Attachment IV: Results Summary and Original Analytical Reports

E.O.T.T. Energy Pipeline Exxon V State #2

SAMPLE ID#	Date Taken	Borehole	Sampling Interval (FT. BGS[1])	HEADSPACE VOC[2] (ppm)	GRO[3] mg/Kg	DRO[4] mg/Kg	TPH[5] mg/Kg	BTEX µg/Kg	Benzene µg/Kg	Toluene µg/Kg	Ethyl Benzene µg/Kg	m,p-Xylene µg/Kg	o-Xylene µg/Kg
EEVS81401BH1A-5	8/14/2001	1	5	N/A	350.2	3230	3580.2	8971	20	171	1460	4570	2750
EEVS81401BH1A-10	8/14/2001		10	N/A	27.3	283	310.3	145.9	20	20	20	46.3	39.6
EEVS81401BH1A-15	8/14/2001		15	N/A	31.4	177	208.4	100	20	20	20	20	20
EEVS81401BH1A-20	8/14/2001		20	N/A	*5*	53.3	58.3	100	20	20	20	20	20
EEVS81401BH1A-25	8/14/2001		25	N/A	*5*	24.4	29.4	100	20	20	20	20	20
EEVS81401BH2A-2	8/14/2001	2	2	N/A	805.2	5800	**6605.2**	27000	110	3430	6920	10500	6040
EEVS81401BH2A-5	8/14/2001		5	N/A	1855.9	4500	**6355.9**	**85105**	**505**	13800	12500	40500	17800
EEVS81401BH2A-10	8/14/2001		10	N/A	1005.3	7180	**8185.3**	**71824**	424	13100	13800	31200	13300
EEVS81401BH2A-15	8/14/2001		15	N/A	1172.9	4910	**6082.9**	**82532**	332	16100	16400	34800	14900
EEVS81401BH2A-20	8/14/2001		20	N/A	316.4	1710	2026.4	13217	20	987	2830	6250	3130
EEVS81401BH2A-25	8/14/2001		25	N/A	*5*	*2.56*	7.56	100	20	20	20	20	20
EEVS81401BH2A-30	8/14/2001		30	N/A	*5*	9.16	14.16	100	20	20	20	20	20
EEVS81401BH3A-2	8/14/2001	3	2	N/A	24.7	319	343.7	106.4	20	20	20	26.4	20
EEVS81401BH3A-5	8/14/2001		5	N/A	111.9	1980	2091.9	546	20	48.5	248	185	44.5
EEVS81401BH3A-10	8/14/2001		10	N/A	821.7	2300	3121.7	13053	20	153	1850	7420	3610
EEVS81401BH3A-15	8/14/2001		15	N/A	315.9	1450	1765.9	5640.7	20	28.7	852	3140	1600
EEVS81401BH3A-20	8/14/2001		20	N/A	505.7	1860	2365.7	14654	20	824	2950	7610	3250
EEVS81401BH3A-25	8/14/2001		25	N/A	*5*	5.38	10.38	100	20	20	20	20	20
EEVS81401BH3A-30	8/14/2001		30	N/A	*5*	*2.62*	7.62	100	20	20	20	20	20
EEVS81401BH4-2	8/15/2001	4	2	N/A	*5*	524	529	100	20	20	20	20	20
EEVS81501BH4-5	8/15/2001		5	N/A	210.9	2910	3120.9	100	20	20	20	20	20
EEVS81501BH4-10	8/15/2001		10	N/A	*5*	*2.23*	7.23	100	20	20	20	20	20
EEVS81501BH4-15	8/15/2001		15	N/A	*5*	8.17	13.17	100	20	20	20	20	20

100 ppm Isobutylene calibration gas = 101 ppm

[1]bgs – below ground surface

[2]VOC–Volatile Organic Contaminants/Constituents

[3]GRO-Gasoline Range Organics

[4]DRO-Diesel Range Organics

[5]TPH-Total Petroleum Hydrocarbon = GRO+DRO.

[6]Bolded values are in excess of the New Mexico Oil Conservation Division guideline threshold for the parameter

[7]Italicized values are < the instrument detection limit.

[8]N/A Not Analyzed

Reported detection limits are considered "de minimus" values and are included in the GRO/DRO and BTEX summations.

E.O.T.T. Energy Pipeline Exxon V State #2

SAMPLE ID#	Date Taken	Borehole	Sampling Interval (FT. BGS[1])	HEADSPACE VOC[2] (ppm)	GRO[3] mg/Kg	DRO[4] mg/Kg	TPH[5] mg/Kg	BTEX µg/Kg	Benzene µg/Kg	Toluene µg/Kg	Ethyl Benzene µg/Kg	m,p-Xylene µg/Kg	o-Xylene µg/Kg
EEVS81501BH5-2	8/15/2001	5	2	N/A	*5*	6	11	100	20	20	20	20	20
EEVS81501BH5-5	8/15/2001		5	N/A	*5*	10.7	15.7	100	20	20	20	20	20
EEVS81501BH5-10	8/15/2001		10	N/A	*5*	6.71	11.71	100	20	20	20	20	20
EEVS81501BH5-15	8/15/2001		15	N/A	*5*	*3.78*	8.78	100	20	20	20	20	20
EEVS81501BH6-2	8/15/2001	6	2	N/A	*5*	13.5	18.5	100	20	20	20	20	20
EEVS81501BH6-5	8/15/2001		5	N/A	*5*	8.32	13.32	100	20	20	20	20	20
EEVS81501BH6-10	8/15/2001		10	N/A	*5*	10.1	15.1	100	20	20	20	20	20
EEVS81501BH6-15	8/15/2001		15	N/A	*5*	11.2	16.2	100	20	20	20	20	20
EEVS81501BH7-2	8/15/2001	7	2	N/A	*5*	6.41	11.41	100	20	20	20	20	20
EEVS81501BH7-5	8/15/2001		5	N/A	*5*	*4.04*	9.04	100	20	20	20	20	20
EEVS81501BH7-10	8/15/2001		10	N/A	*5*	*2.18*	7.18	100	20	20	20	20	20
EEVS81501BH7-15	8/15/2001		15	N/A	*5*	*1.81*	6.81	100	20	20	20	20	20
EEVS81601BH8-60	8/16/2001	8	60	N/A	*5*	15.4	20.4	100	20	20	20	20	20
SEEV112601NE	11/26/2001	North East Quad	Composite	56.7	442	2980	**3422**	17.034	0.064	1.56	3.08	8.84	3.49
SEEV112601SE	11/26/2001	South East Quad	Composite	50.4	252	2070	**2322**	7.37	0.115	0.785	1.36	3.68	1.43
SEEV112601NW	11/26/2001	North West Quad	Composite	58.2	286	2970	**3256**	8.255	0.025	0.54	1.45	4.47	1.77
SEEV112601SW	11/26/2001	South West Quad	Composite	22.8	60	2930	**2990**	2.192	0.025	0.496	0.319	0.987	0.365

100 ppm Isobutylene calibration gas = 101 ppm

[1]bgs – below ground surface

[2]VOC–Volatile Organic Contaminants/Constituents

[3]GRO-Gasoline Range Organics

[4]DRO-Diesel Range Organics

[5]TPH-Total Petroleum Hydrocarbon = GRO+DRO.

[6]Bolded values are in excess of the New Mexico Oil Conservation Division guideline threshold for the parameter

[7]Italicized values are < the instrument detection limit.

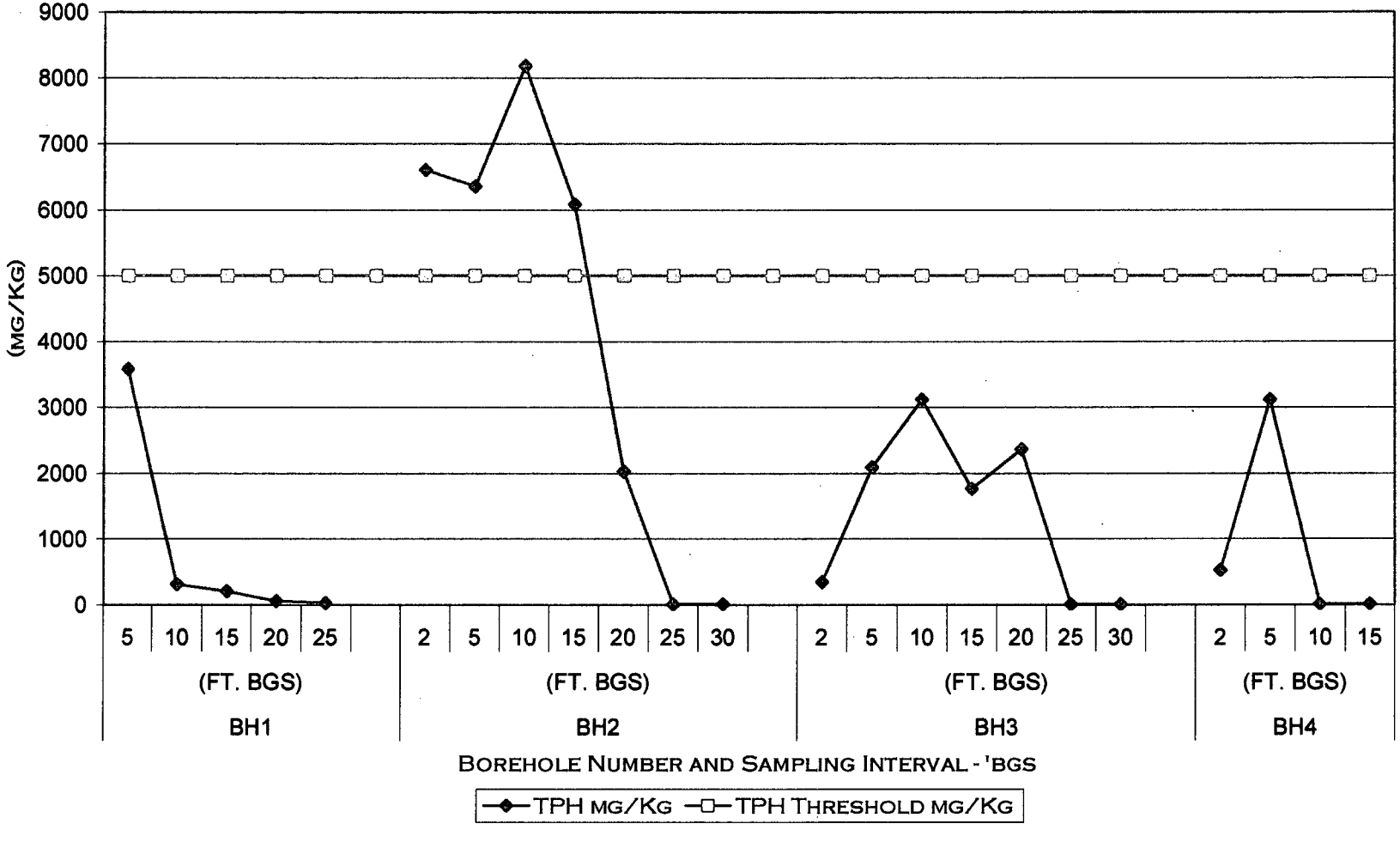
[8]N/A Not Analyzed

Reported detection limits are considered "de minimus" values and are included in the GRO/DRO and BTEX summations.

E.O.T.T. Energy Pipeline

Exxon V. State #2

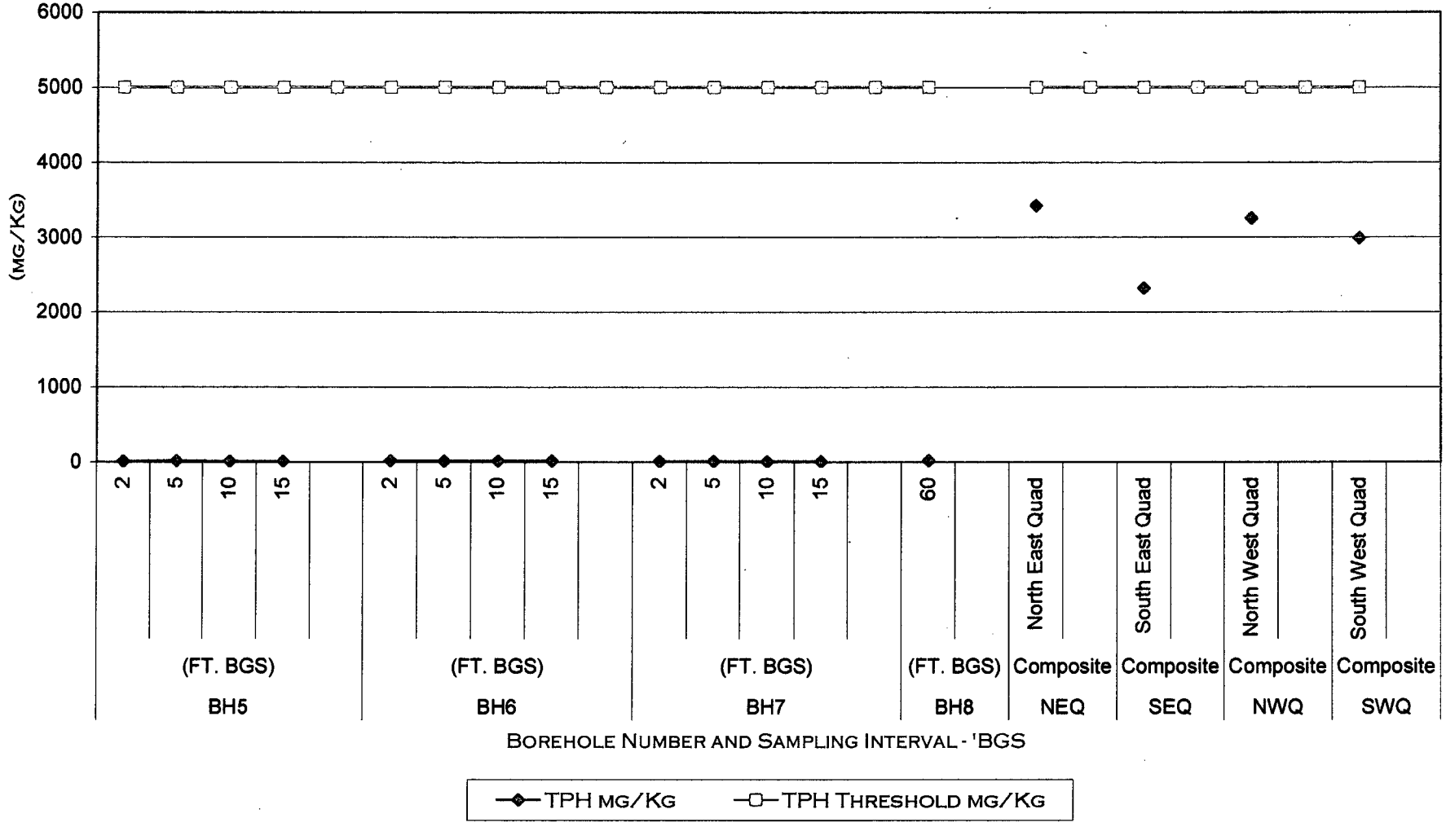
Total Petroleum Hydrocarbon



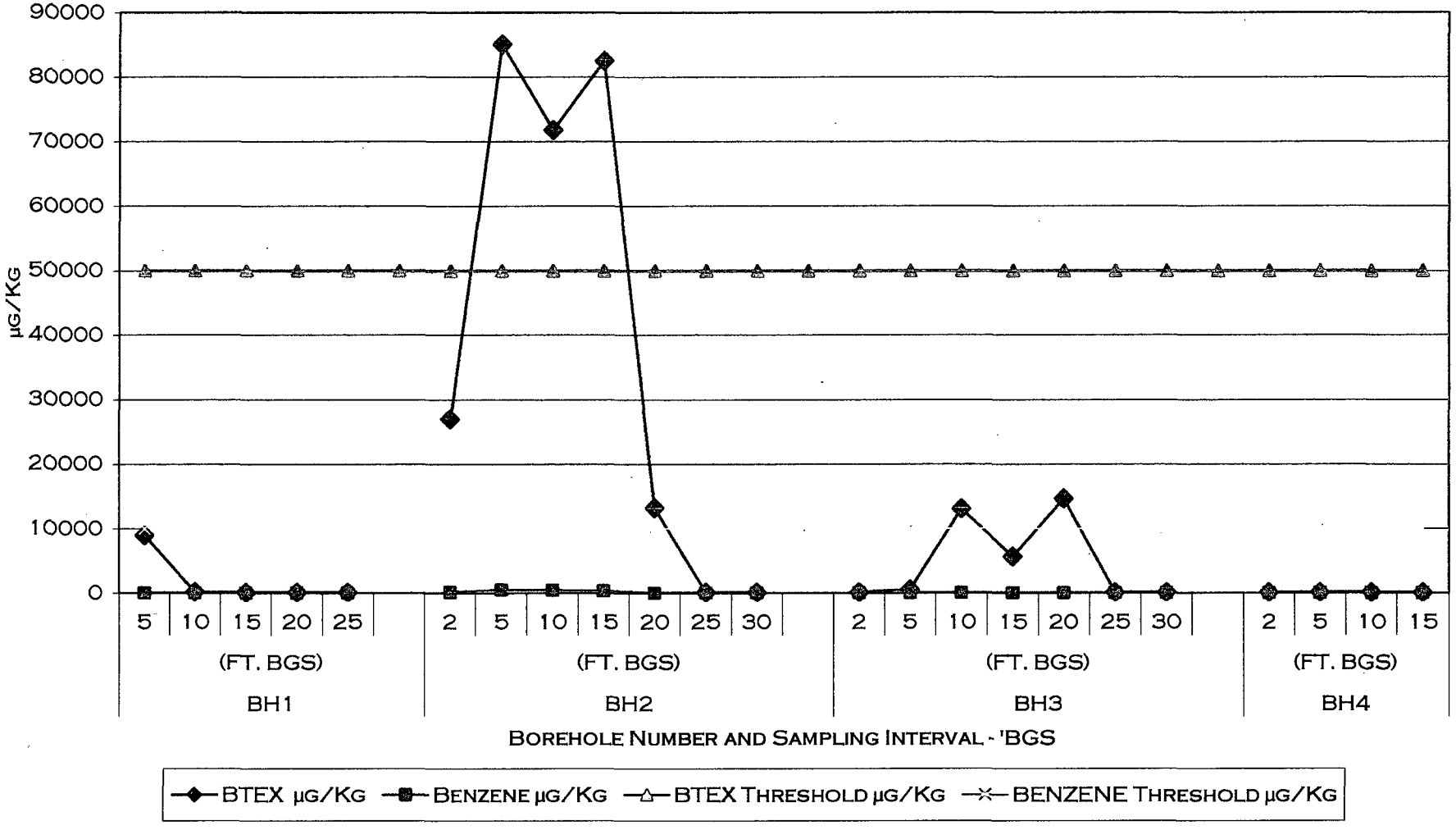
E.O.T.T. ENERGY PIPELINE

EXXON V. STATE #2

TOTAL PETROLEUM HYDROCARBON (8015M)



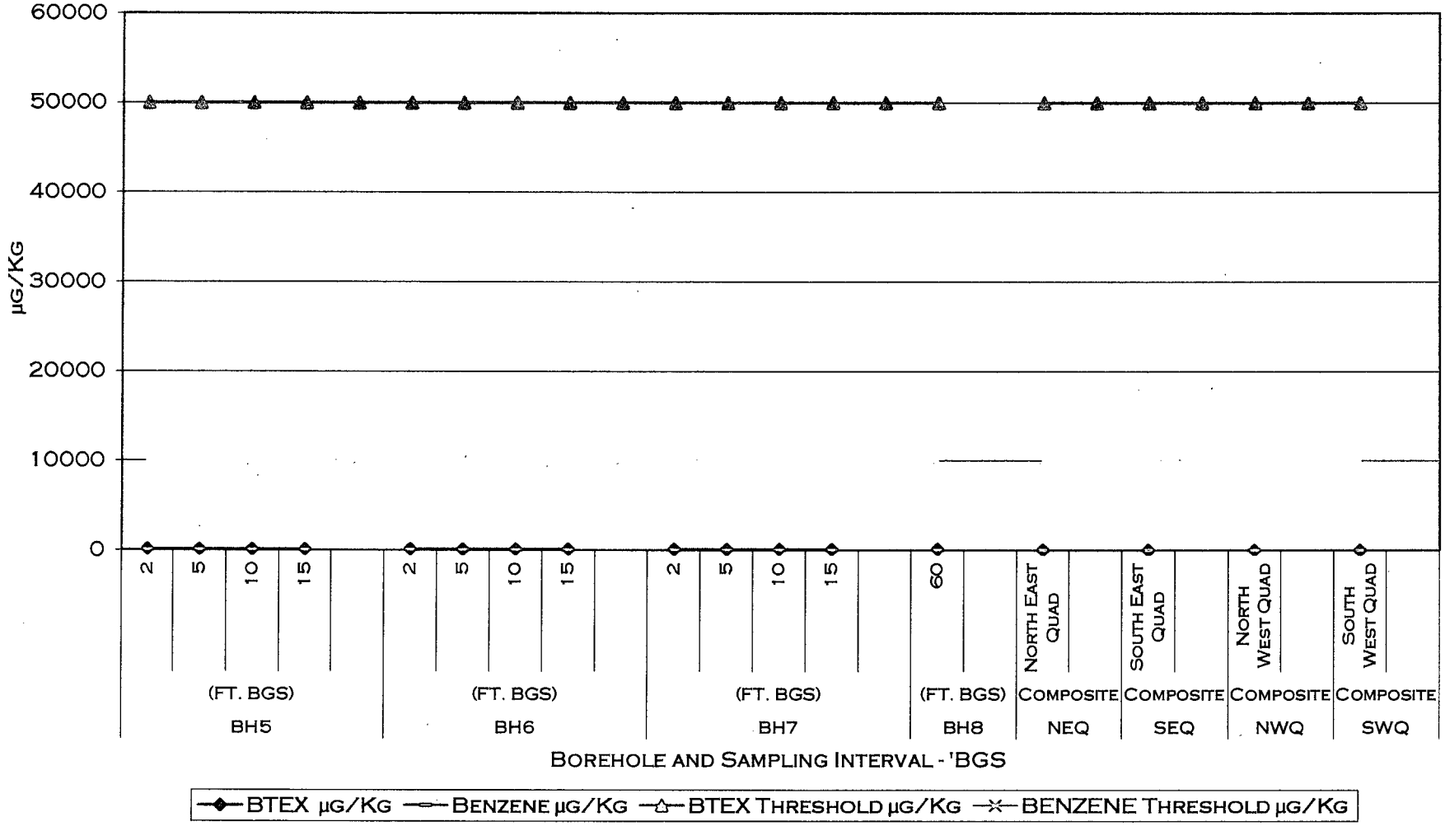
E.O.T.T. ENERGY PIPELINE
EXXON V. STATE #2
BTEX AND BENZENE DELINEATION



E.O.T.T. ENERGY PIPELINE

EXON V. STATE #2

BTEX AND BENZENE DELINEATION



ENVIRONMENTAL LAB OF , INC.

"Don't Treat Your Soil Like Dirt!"

EOTT
ATTN: FRANK HERNANDEZ
5805 E. HIGHWAY 80
MIDLAND, TEXAS 79701
FAX: 684-3456
FAX: 505-394-2601 (Pat McCasland)

Sample Type: Soil
Sample Condition: Intact/ Iced/ 0.5 deg C
Project Name: Exxon V State 11
Project #: None Given
Project Location: Eunice, NM
PO#: 2000-10543

Sampling Date: 11/26/01
Receiving Date: 11/26/01
Analysis Date: 11/26/01

ELT#	FIELD CODE	BENZENE mg/kg	TOLUENE mg/kg	ETHYLBENZENE mg/kg	m,p-XYLENE mg/kg	o-XYLENE mg/kg
0102076-01	SEEV112601NE	0.064	1.56	3.08	8.84	3.49
0102076-02	SEEV112601SE	0.115	0.785	1.36	3.68	1.43
0102076-03	SEEV112601NW	<0.025	0.540	1.45	4.47	1.77
0102076-04	SEEV112601SW	<0.025	0.496	0.319	0.987	0.365
QUALITY CONTROL		0.098	0.097	0.102	0.204	0.099
TRUE VALUE		0.100	0.100	0.100	0.200	0.100
% IA		98	97	102	105	99
SPIKED AMOUNT		0.100	0.100	0.100	0.200	0.100
ORIGINAL SAMPLE		0.119	0.808	1.37	1.09	1.34
SPIKE		0.109	0.130	0.154	0.257	0.151
SPIKE DUP		0.096	0.122	0.142	0.233	0.141
%EA		104	95	99	106	97
BLANK		<0.025	<0.025	<0.025	<0.025	<0.025
RPD		12.7	6.3	8.2	9.8	6.8

METHODS: EPA SW 846-8021B ,5030

Raland K. Tuttle

11-27-01
Date

ENVIRONMENTAL LAB OF , INC.

"Don't Treat Your Soil Like Dirt!"

EOTT
ATTN: FRANK HERNANDEZ
5805 E. HWY. 80
MIDLAND, TEXAS 79701
FAX: 684-3456
FAX: 505-394-2601 (Pat McCasland)

Sample Type: Soil
Sample Condition: Intact/ Iced/ 0.5 deg C
Project Name: Exxon V State 11
Project #: None Given
Project Location: Eunice, NM
PO#: 2000-10543

Sampling Date: 11/26/01
Receiving Date: 11/26/01
Analysis Date: 11/26/01

ELT#	FIELD CODE	GRO C6-C10 mg/kg	DRO >C10-C28 mg/kg
0102076-01	SEEV112601NE	442	2980
0102076-02	SEEV112601SE	252	2070
0102076-03	SEEV112601NW	286	2970
0102076-04	SEEV112601SW	60	2930

QUALITY CONTROL	490	594
TRUE VALUE	500	500
% INSTRUMENT ACCURACY	98	119
SPIKED AMOUNT	476	476
ORIGINAL SAMPLE	<10	<10
SPIKE	529	608
SPIKE DUP	498	575
% EXTRACTION ACCURACY	111	128
BLANK	<10	<10
RPD	6.0	5.6

Methods: SW 846-8015M

Raland K. Tuttle

11-27-01
Date

12600 West I-20 East • Odessa, Texas 79765 • (915) 563-1800 • Fax (915) 563-1713

Environmental Lab of Texas, Inc.

12600 West I-20 East
Odessa, Texas 79763
Phone: 915-563-1800
Fax: 915-563-1713

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

Project Manager: FRANK HERNANDEZ
Company Name: EOTT
Company Address:
City/State/Zip:
Telephone No:
Fax No:
Sampler Signature: Roger Boone

Project Name: EXXON V State 11
Project #:
Project Loc: EUNICE N.M.
PO #: 2000 - 10543

LAB # (lab use only)	FIELD CODE	Date Sampled	Time Sampled	No of Containers	Preservative	Matrix	Analyze For	RUSH TAT (Pre-Schedule)	Standard TAT
012076-01	SEEV112601 NE	11-26-01	10:10	1	ICE	Soil	BTEX 8021B/5030	✓	
-02	SEEV112601 SE	11-26-01	10:20	1	ICE	Soil	BTEX 8021B/5030	✓	
-03	SEEV112601 NW	11-26-01	10:30	1	ICE	Soil	BTEX 8021B/5030	✓	
-04	SEEV112601 SW	11-26-01	10:40	1	ICE	Soil	BTEX 8021B/5030	✓	

Special Instructions:
(505) 394-3481 verbal
FAX to P. McCASLAND 505-394-2601

Sample Containers Intact? (Y) N
Temperature Upon Receipt:
Laboratory Comments: 0.5 °C

Relinquished by	Date	Time	Received by	Date	Time
Roger Boone	11-26-01	1435			
Relinquished by	Date	Time	Received by ELOT	Date	Time
			Jana McMurray	11-26-01	1435

Attachment V: Site Information and Metrics Form

Site Information and Metrics

SITE: Exxon "V" State Site #2	Assigned Site Reference # 2000-10609
Company: EOTT	
Company Street Address: 5805 E. Highway 80, Midland, Texas 79701	
Company Mailing Address: P.O. Box 1660	
Company City, State, Zip: Midland, Texas 79702	
Company Representative: Wayne Brunette	
Company Representative Telephone: 915.553.7557	
Company Telephone: 915.684.3479 Fax: 915.684.3456	
Fluid volume released (bbls) =?	
>25 bbls: Notify NMOCD verbally within 24 hrs and submit form C-141 within 15 days.	
(Also applies to unauthorized releases >500 mcf Natural Gas)	
5-25 bbls: Submit form C-141 within 15 days (Also applies to unauthorized releases of 50-500 mcf Natural Gas)	
Leak, Spill, or Pit (LSP) Name: EOTT Exxon "V" State #2	
Source of contamination: Pipe Line	
Land Owner, i.e., BLM, ST, Fee, Other: New Mexico State Land leased by the Will Terry Trust	
LSP Dimensions: affected area = 510' NS x 60' EW	
LSP Area = 9285 ft^2	
Location of Reference Point (RP):	
Location distance and direction from RP:	
Latitude: 32° 29' 28N	
Longitude: 103° 08' 48W	
Elevation above mean sea level: ~ 3454 amsl	
Feet from South Section Line	
Feet from West Section Line	
Location- Unit or ¼¼:Unit J (NW¼ of the SE¼)	
Location- Section = S10	
Location- Township = 21S	
Location- Range = 37E	
Surface water body within 1000 ' radius of site: None	
Domestic water wells within 1000' radius of site: None	
Agricultural water wells within 1000' radius of site: None	
Public water supply wells within 1000' radius of site: None	
Depth from land surface to ground water (DG): New Mexico State Eng. Off. Section 10: 1) 24.87 2) 24.43 Monument Draw	
Depth of contamination (DC): The lower most contamination >1000 mg/Kg occurs at approximately 15' bgs	
Depth to ground water (DG – DC = DtGW) ~9' bgs (Ground water was not observed at this site during the investigation)	

1. Ground Water	2. Wellhead Protection Area	3. Distance to Surface Water Body
If Depth to GW <50 feet: *20 points*	If <1000' from water source, or;<200' from private domestic water source: *20 points*	<200 horizontal feet: *20 points*
If Depth to GW 50 to 99 feet: *10 points*		200-100 horizontal feet: *10 points*
If Depth to GW >100 feet: *0 points*	If >1000' from water source, or; >200' from private domestic water source: *0 points*	>1000 horizontal feet: *0 points*
Ground water Score = 0	*Wellhead Protection Area Score= 0*	*Surface Water Score= 0*
Site Rank (1+2+3) = 20+0+0 =0 points		

Total Site Ranking Score and Acceptable Concentrations

Parameter	>19	19-10	**0-9**
Benzene[1]	10 ppm	10 ppm	**10 ppm**
BTEX[1]	50 ppm	50 ppm	**50 ppm**
TPH	100 ppm	1000 ppm	**5000 ppm**

[1]100 ppm field VOC headspace measurement may be substituted for lab analysis