MONITORING REPORTS

ANNUAL MONITORING REPORT

TNM 98-02

LEA COUNTY, NEW MEXICO
NW ¼, SE ¼ OF SECTION 31, TOWNSHIP 19 SOUTH, RANGE 37 EAST
LINK ENERGY LEAK NUMBER: TNM 98-02 KNOWN
ETGI PROJECT NUMBER: LI 2068

PREPARED FOR:

LINK ENERGY
5805 EAST HIGHWAY 80
MIDLAND, TEXAS 79701

PREPARED BY:

ENVIRONMENTAL TECHNOLOGY GROUP, INC.
2540 WEST MARLAND
HOBBS, NEW MEXICO 88240

April 2004

ANNUAL MONITORING REPORT

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2540 WEST MARLAND
HOBBS, NEW MEXICO 88240

April 2004

Robert B. Eidson
Geologist / Senior Project Manager

Camille Reynolds
for Todd Choban
Todd Choban
Regional Manager

TABLE OF CONTENTS

FIGURES

TABLES

APPENDICES

INTRODUCTION

Environmental Technology Group, Inc. (ETGI) has prepared this Annual Monitoring Report on behalf of Link Energy (Link), in compliance with the New Mexico Oil Conservation Division (NMOCD) letter of May 1998 requiring submittal of an Annual Monitoring Report by April 1 of each year. This report is intended to be viewed as a complete document with figures, attachments, tables, and text. This report presents the results of quarterly groundwater monitoring events conducted in the calendar year 2000 only. For reference, a Site Location Map is provided as Figure 1.

This site was opened by other environmental consultants prior to the involvement of ETGI in November 1999. Due to site excavation activities, groundwater monitor well MW-3 was plugged and abandoned in November 1999. Groundwater monitoring was conducted during five monitoring events in the calendar year 2000 to assess the levels and extent of dissolved phase constituents. Groundwater monitoring events consisted of measuring static water levels in the monitor wells, purging and subsequent sampling of each well exhibiting sufficient recharge. Groundwater monitoring events were not conducted in the calendar years 2001, 2002 or 2003, due to site access restrictions imposed by the landowner.

FIELD ACTIVITIES

The monitor wells were gauged and sampled on March 9, May 19, June 6, August 30, and December 13, 2000. During each sampling event, the monitor wells were purged of approximately 3 well volumes of water or until the wells were dry using a PVC bailer or electrical Grundfos Pump. Groundwater was allowed to recharge and samples were obtained using disposable Teflon samplers. Groundwater samples were stored in clean glass containers provided by the laboratory and placed on ice in the field. Purge water was collected in a polystyrene tank and disposed of by Pate Trucking of Hobbs, New Mexico at a NMOCD licensed disposal facility (NMOCD AO SWD-730).

GROUNDWATER GRADIENT

Locations of the monitor wells and the inferred groundwater gradient, constructed from measurements collected during the sampling events are depicted on Figures 2A-2E, the Inferred Groundwater Gradient Maps. Cumulative groundwater elevation data is provided as Table 1. Groundwater elevation contours generated from water level measurements collected during the monitoring events of 2000 indicated a general gradient from approximately 0.006 ft./ft. to 0.009 ft./ft. to the southwest as measured between groundwater monitor wells MW-1 and MW-5. The depth to groundwater as measured from the top of the well casings ranged between 29.20 to 31.37 feet in the shallow alluvial aquifer.

LABORATORY RESULTS

Groundwater samples obtained during monitoring events were delivered to the Environmental Laboratory of Texas, Midland, Texas for determination of Benzene, Toluene, Ethylbenzene and Xylene (BTEX) constituent concentrations by EPA Method SW 846-8021B. A cumulative listing of BTEX constituent concentrations is summarized in Table 2 and copies of the laboratory reports are provided as Appendix A. Groundwater sampling results reflecting benzene and total BTEX concentrations are depicted on Figures 3A-3E, the Groundwater Concentration Maps.

Review of the laboratory analytical results generated from analysis of the groundwater samples obtained during the monitoring period indicate that benzene and total BTEX concentrations were below the applicable NMOCD regulatory standards in all of the monitor wells on-site. PSH has not been detected on-site during any of the groundwater monitoring events.

SUMMARY

This report presents the results of quarterly groundwater monitoring events conducted in the calendar year 2000 only. Groundwater monitoring events were not conducted during the calendar years 2001, 2002 or 2003 due to site access restrictions imposed by the landowner.

Groundwater elevation contours generated from water level measurements acquired during the quarterly monitoring events of 2000 indicated a general gradient of approximately 0.006 ft./ft. to 0.009 ft./ft. to the southwest as measured between groundwater monitor wells MW-1 and MW-5.

Review of the laboratory analytical results generated from analysis of the groundwater samples obtained during the monitoring period indicate that benzene and total BTEX concentrations were below the applicable NMOCD regulatory standards in all of the monitor wells on-site. PSH has not been detected on-site during any of the groundwater monitoring events. An additional groundwater monitor well is required adjacent to and down gradient of the release point in response to the NMOCD letter dated October 30, 2000, but has not been installed to date due to access restrictions imposed by the landowner. Contingent upon analytical results obtained from groundwater sampling of the proposed monitor well, a Site Closure Request will be submitted to the NMOCD during the calendar year 2004.

DISTRUBUTION

Copy 1 & 2: William C. Olson and Ed Martin
New Mexico Oil Conservation Division
Environmental Bureau
1220 South St. Francis Drive
Santa Fe, New Mexico 87505

Copy 3: Chris Williams
New Mexico Oil Conservation Division (District 1)
1625 French Drive
Hobbs, New Mexico 88240

Copy 4: Jeff Dann
Link Energy
2000 W. Sam Houston Parkway
Suite 400
Houston, Texas 77042

Copy 5: Jimmy Bryant
Link Energy
P. O. Box 1660
Midland, Texas 79702

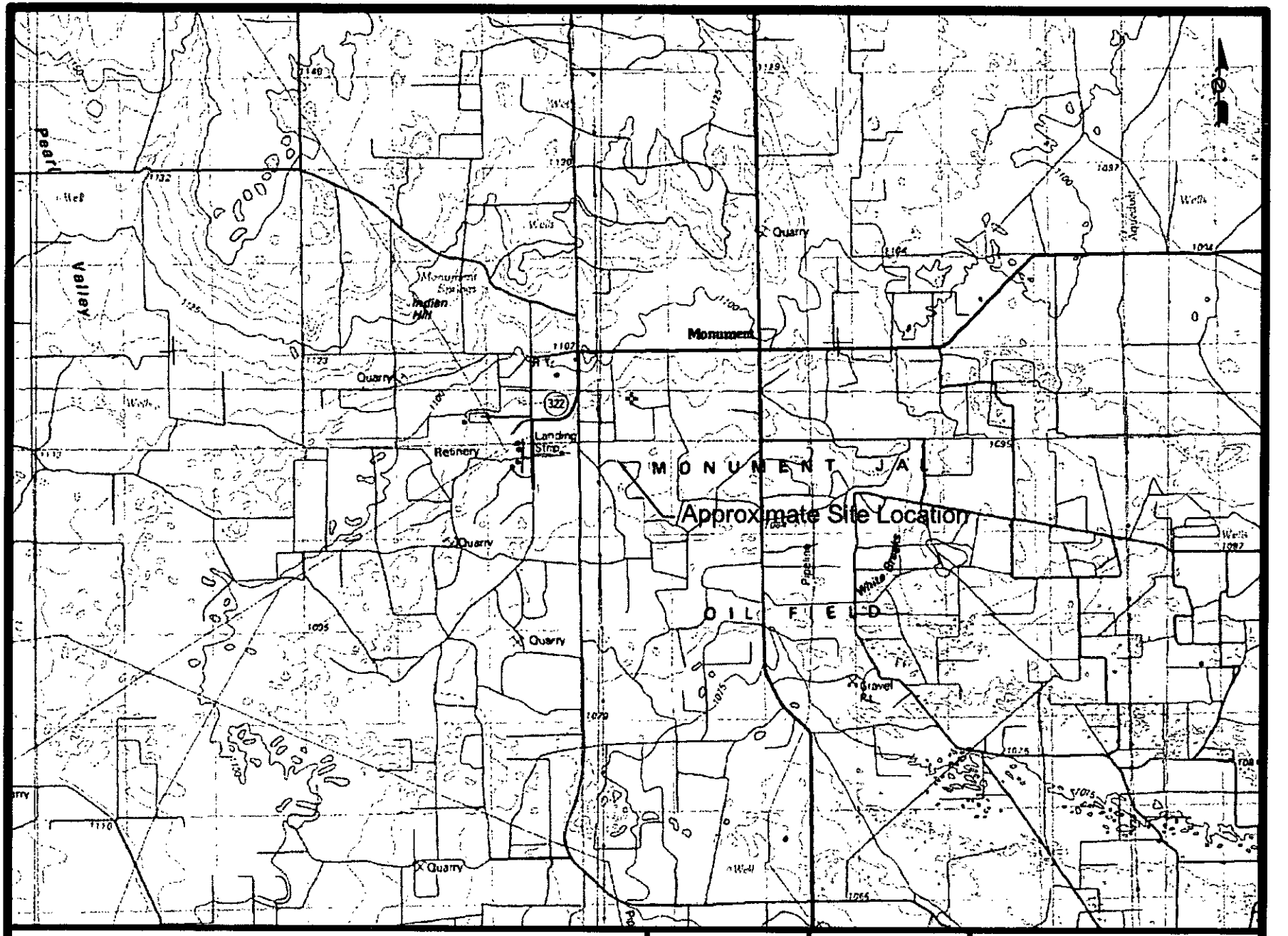
Copy 6: Environmental Technology Group, Inc,
4600 West Wall
Midland, Texas 79703

Copy 7: Environmental Technology Group, Inc.
2540 West Marland
Hobbs, New Mexico 88240

Copy Number _____

Quality Control Review_____

FIGURES



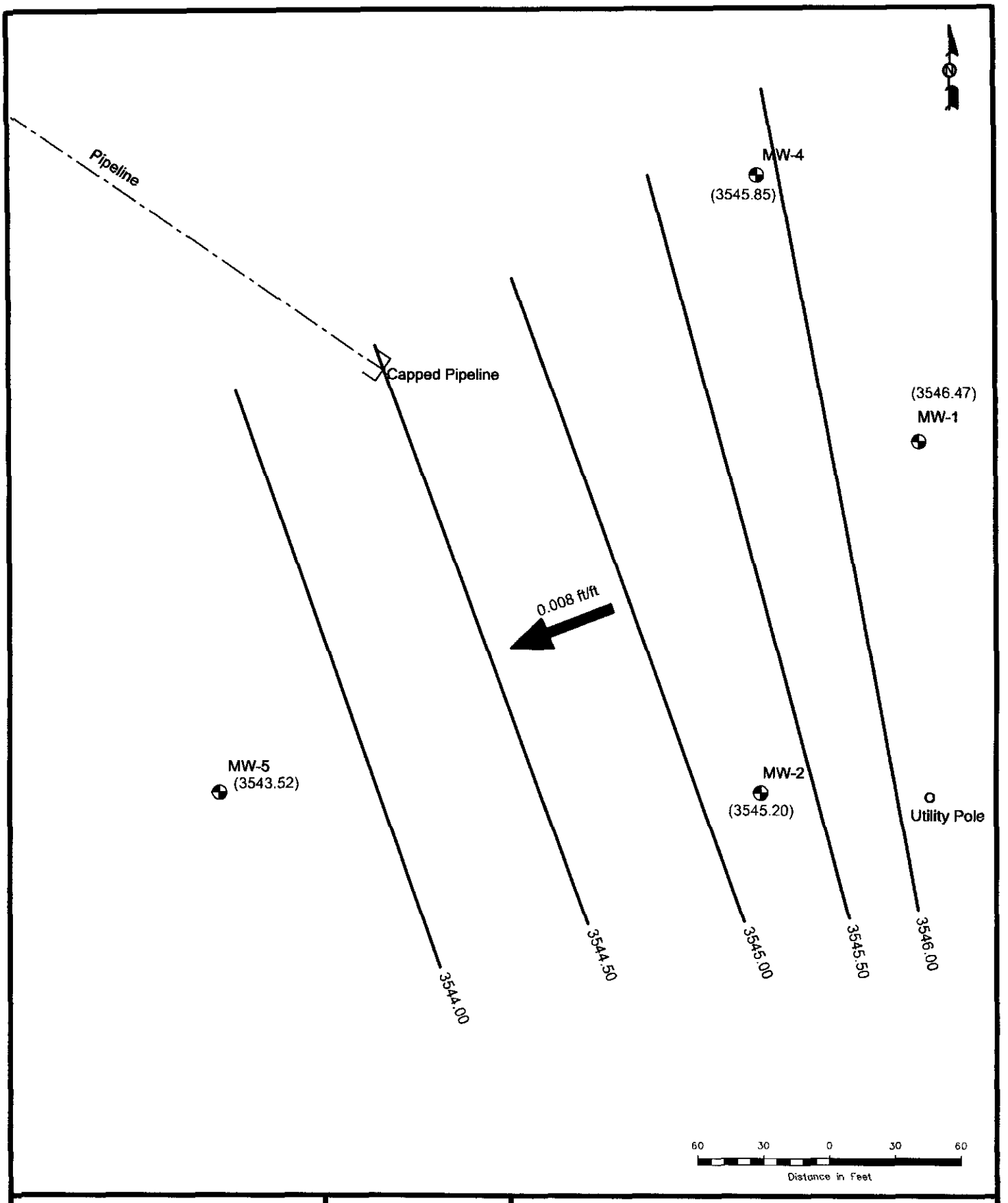
NW1/4, SE1/4 Section 31, T19S, R37E

Figure 1
Site Location Map

EOTT Energy Corp.
TNM 98-02
Lea County, NM

Environmental Technology Group, Inc.

Scale: NTS	Prep By: JDJ	Checked By: KD
January 23, 2001	ETGI Project # EOT2058C	



NW1/4, SE1/4, Section 31, T19S, R37E

LEGEND:

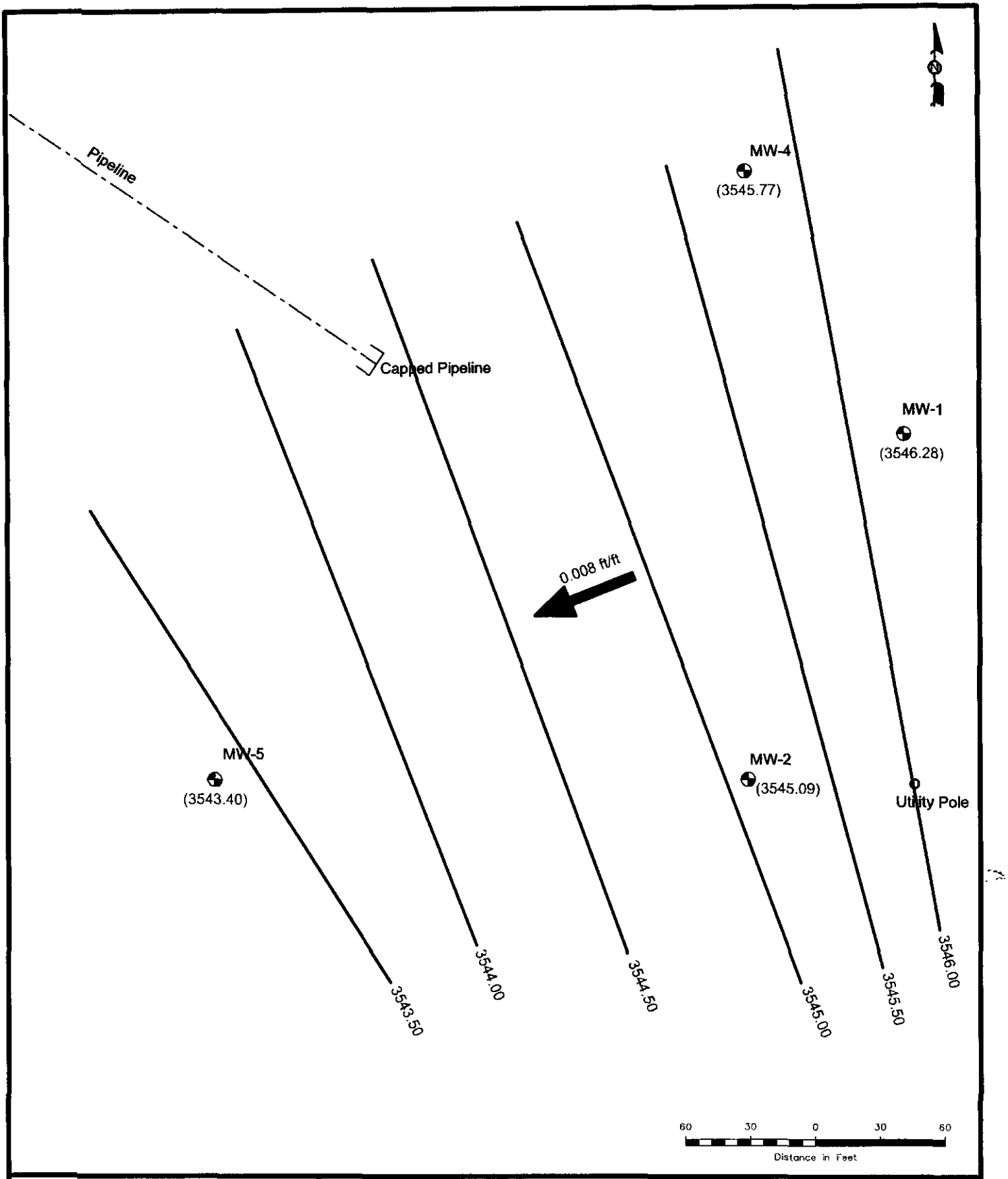
- Monitor Well Location
- Groundwater Gradient Line
- (3545.52) Groundwater Elevation in Feet
- 0.008 ft/ft Groundwater Gradient Direction and Magnitude

Figure 2A
Inferred Groundwater Gradient Map (3/09/00)

Link Energy
TNM 98-02
Lea County, NM

Environmental Technology Group, Inc.

Scale: 1" = 60'	Prep By: JDJ	Checked By: RBE
March 25, 2004	ETGI Project #: LI 2068	



NW1/4, SE1/4, Section 31, T19S, R37E

LEGEND:

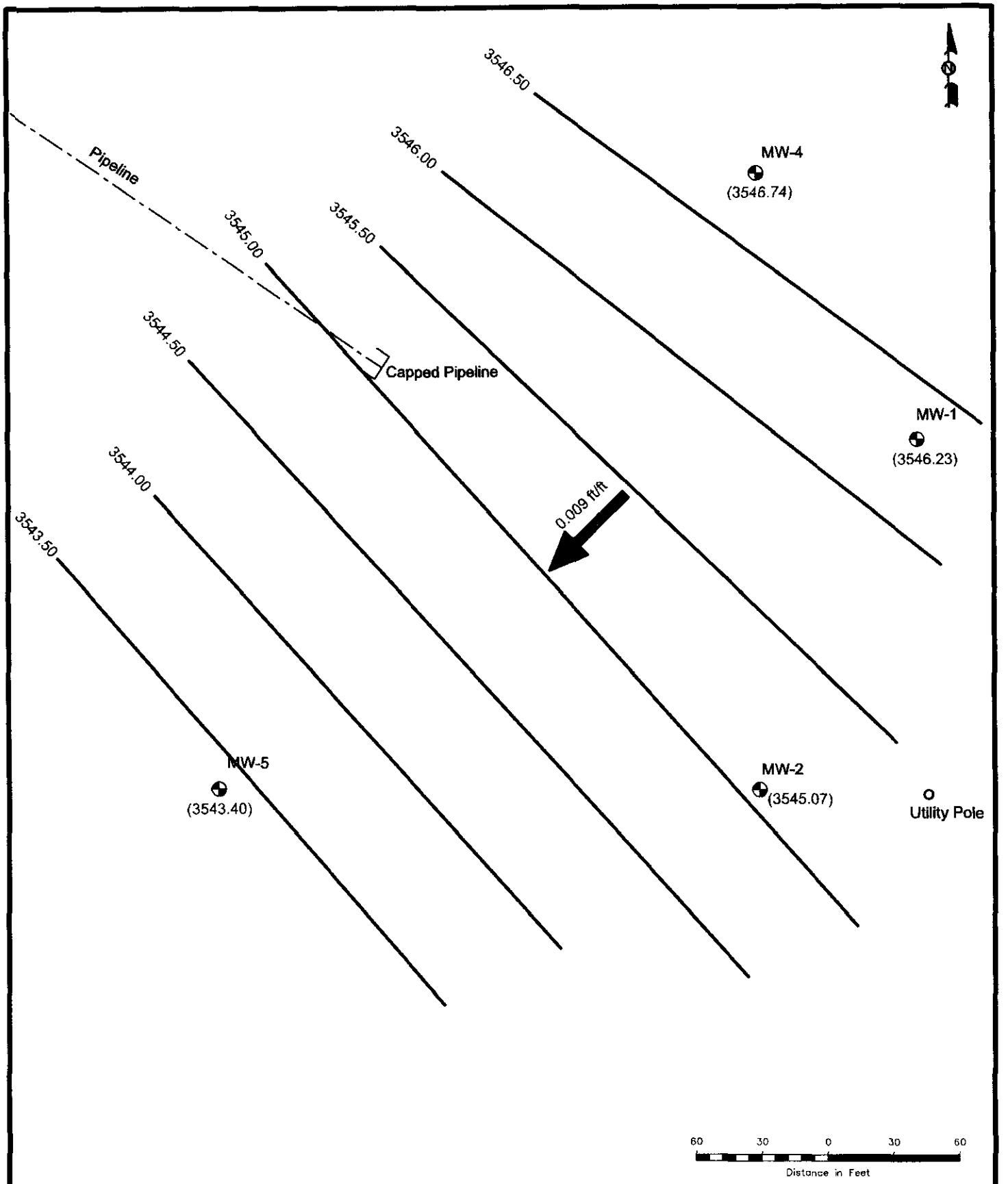
- Monitor Well Location
- Groundwater Gradient Line
- (3543.32) Groundwater Elevation in Feet
- 0.008 ft/ft Groundwater Gradient Direction and Magnitude

Figure 2B
Inferred Groundwater Gradient Map (5/19/00)

Link Energy
TNM 98-02
Lea County, NM

Environmental Technology Group, Inc.

Scale: 1" = 60'	Prep By: JDJ	Checked By: RBE
March 25, 2004	ETGI Project #: LI 2068	



NW1/4, SE1/4, Section 31, T19S, R37E

LEGEND:

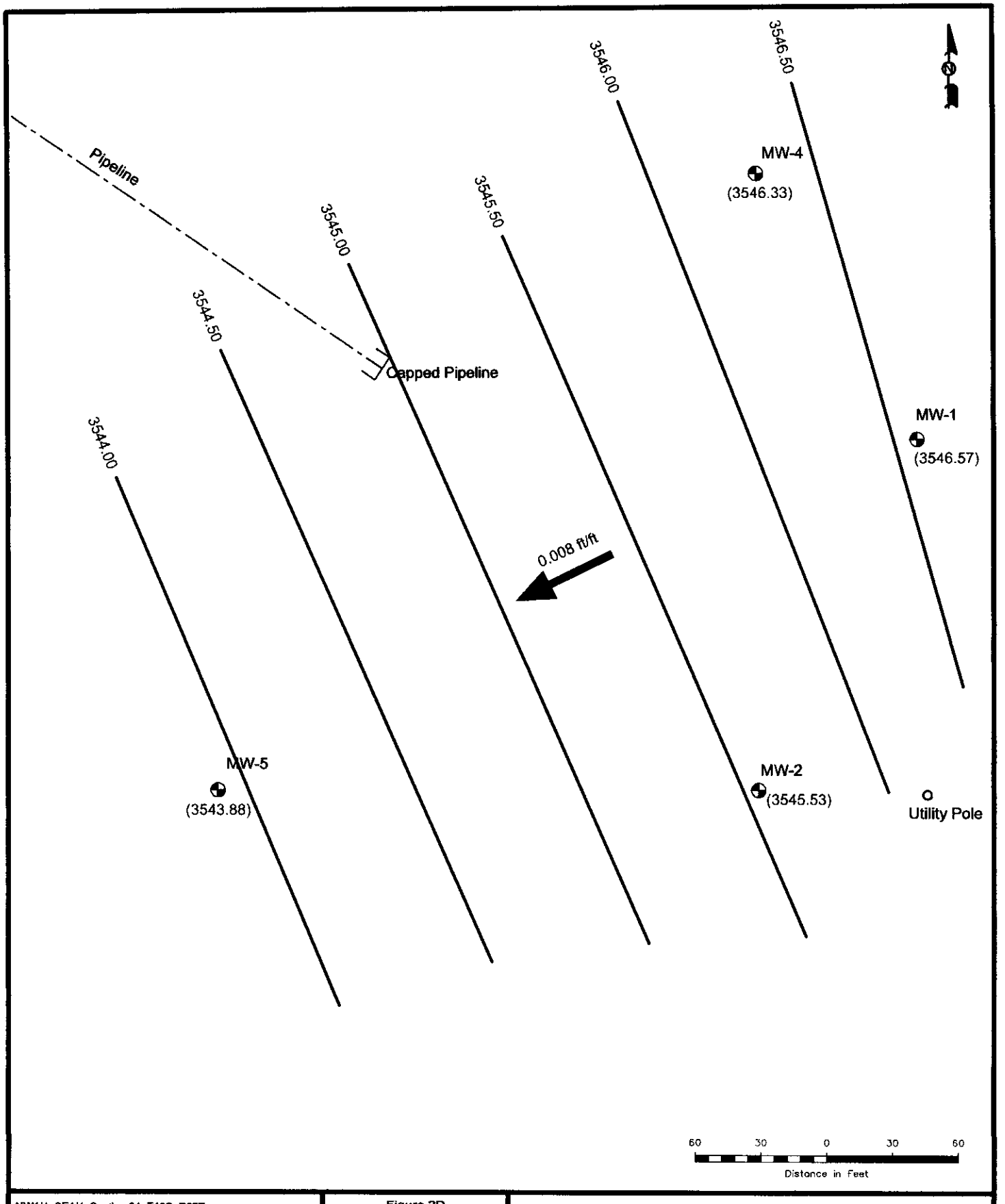
- Monitor Well Location
- Groundwater Gradient Line
- (3545.50) Groundwater Elevation in Feet
- 0.009 ft/ft Groundwater Gradient Direction and Magnitude

Figure 2C
Inferred Groundwater Gradient Map (6/06/00)

Link Energy
TNM 98-02
Lea County, NM

Environmental Technology Group, Inc.

Scale: 1" = 60'	Prep By: JDJ	Checked By: RBE
March 25, 2004	ETGI Project #: LI 2068	



NW1/4, SE1/4, Section 31, T19S, R37E

LEGEND:

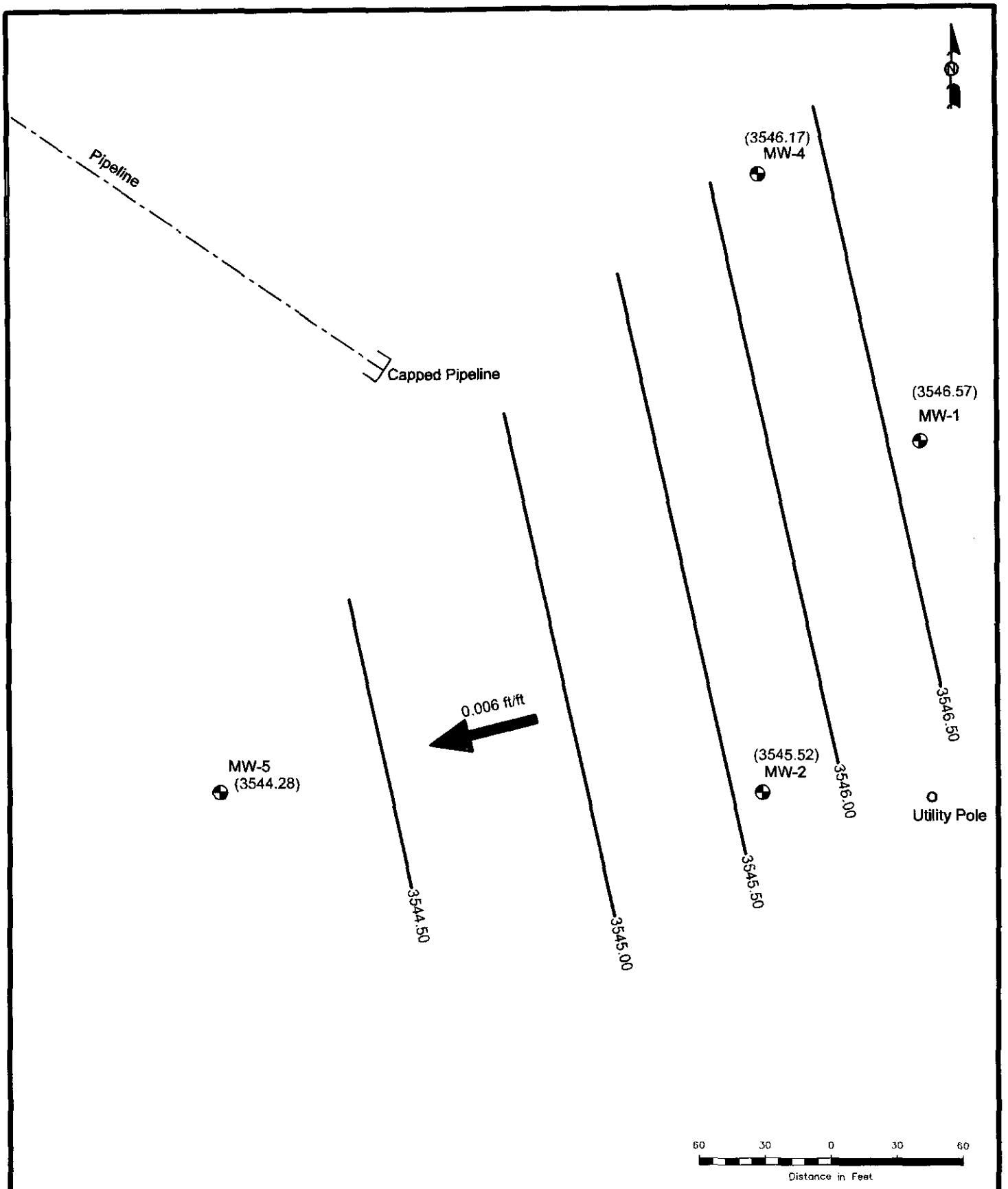
- Monitor Well Location
- Groundwater Gradient Line
- (3543.88) Groundwater Elevation in Feet
- 0.008 ft/ft Groundwater Gradient Direction and Magnitude

Figure 2D
Inferred Groundwater Gradient Map (8/30/00)

Link Energy
TNM 98-02
Lea County, NM

Environmental Technology Group, Inc.

Scale: 1" = 60'	Prep By: JDJ	Checked By: RBE
March 25, 2004	ETGI Project #: LI 2068	



NW1/4, SE1/4, Section 31, T19S, R37E

LEGEND:

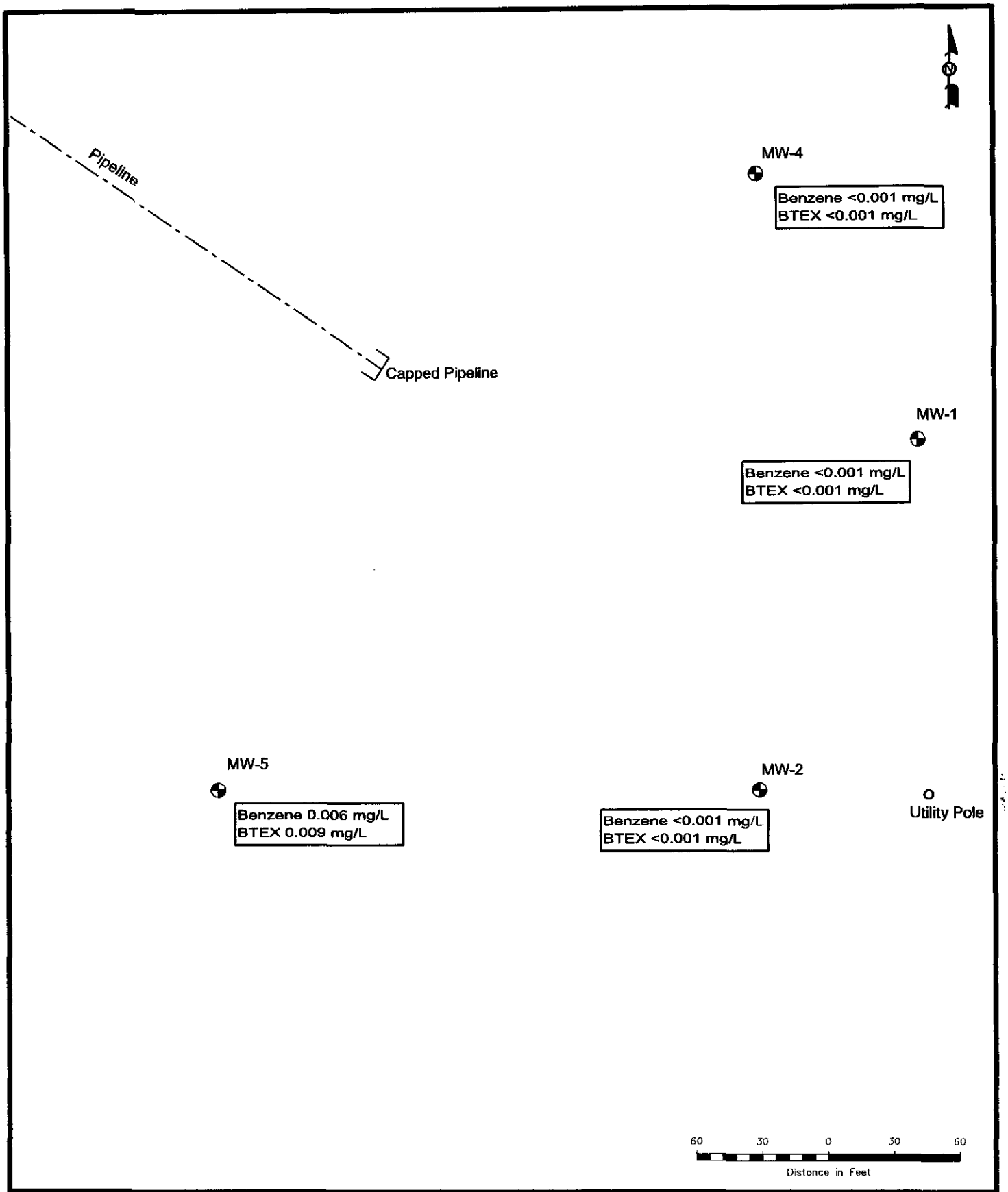
- Monitor Well Location
- Groundwater Gradient Line
- (3543.52) Groundwater Elevation in Feet
- 0.006 ft/ft Groundwater Gradient Direction and Magnitude

Figure 2E
Inferred Groundwater Gradient Map (12/13/00)

Link Energy
TNM 98-02
Lea County, NM

Environmental Technology Group, Inc.

Scale: 1" = 60'	Prep By: JDJ	Checked By: RBE
March 25, 2004	ETGI Project #: LI 2068	



NW1/4, SE1/4, Section 31, T19S, R37E

LEGEND:

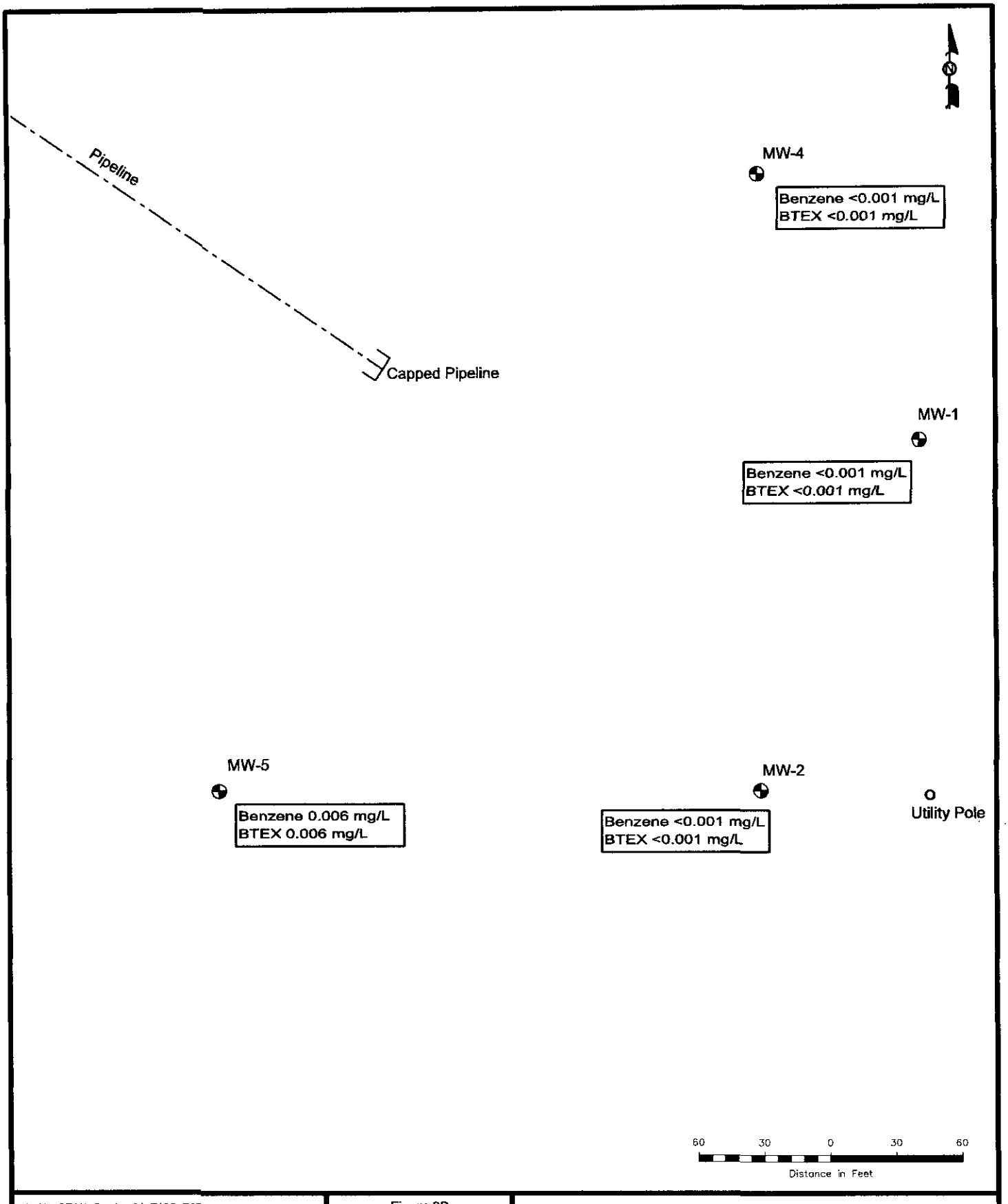
⊕ Monitor Well Location

Figure 3A
Groundwater Concentration Map (3/09/00)

Link Energy
TNM 98-02
Lea County, NM

Environmental Technology Group, Inc.

Scale: 1" = 60'	Prep By: CS	Checked By: RBE
March 25, 2004	ETGI Project #: LI 2068	



NW1/4, SE1/4, Section 31, T19S, R37E

LEGEND:

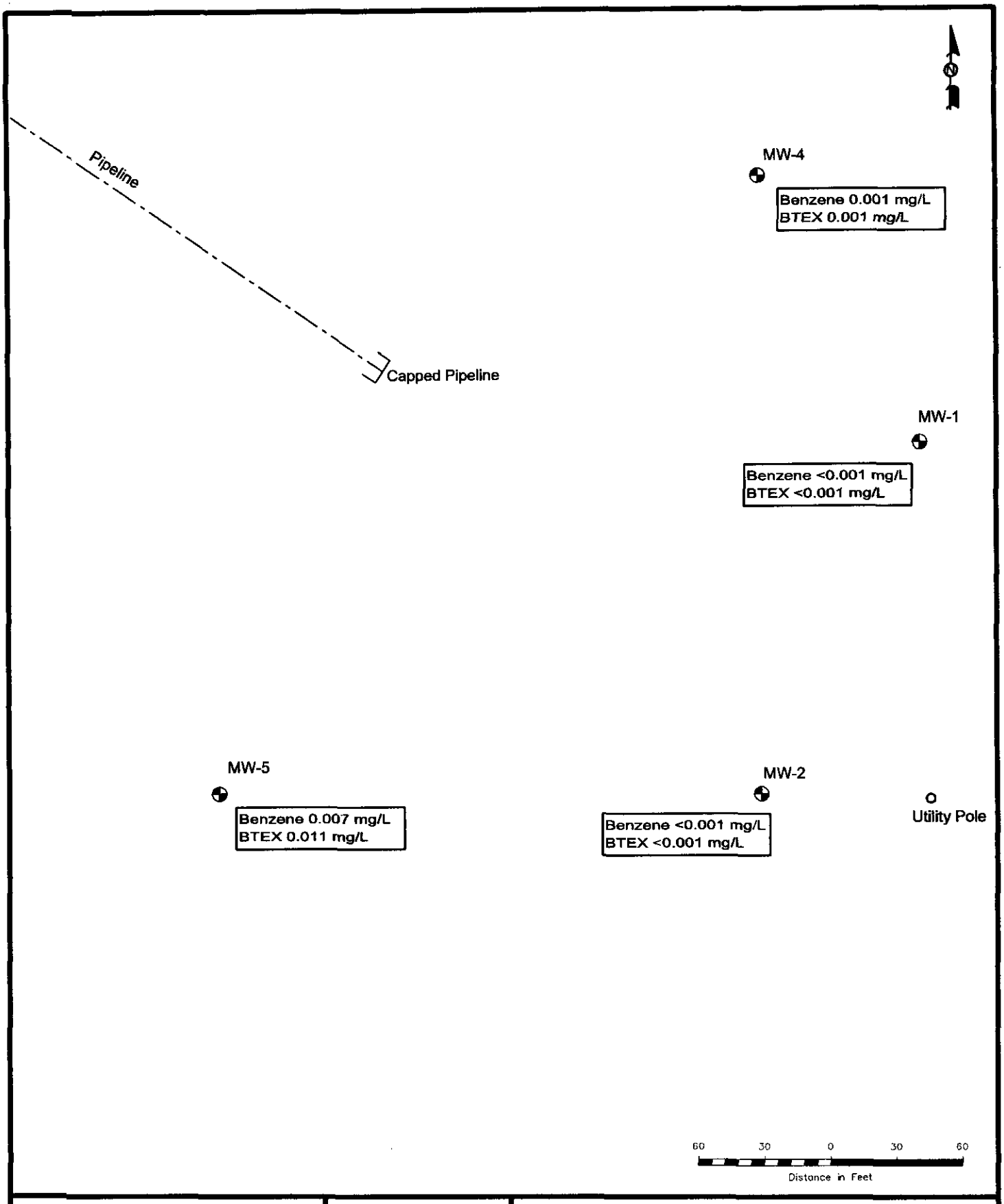
- Monitor Well Location

Figure 3B
Groundwater Concentration Map (5/19/00)

Link Energy
TNM 98-02
Lea County, NM

Environmental Technology Group, Inc.

Scale: 1" = 60'	Prep By: CS	Checked By: RBE
March 25, 2004	ETGI Project #: LI 2068	



NW1/4, SE1/4, Section 31, T19S, R37E

LEGEND:

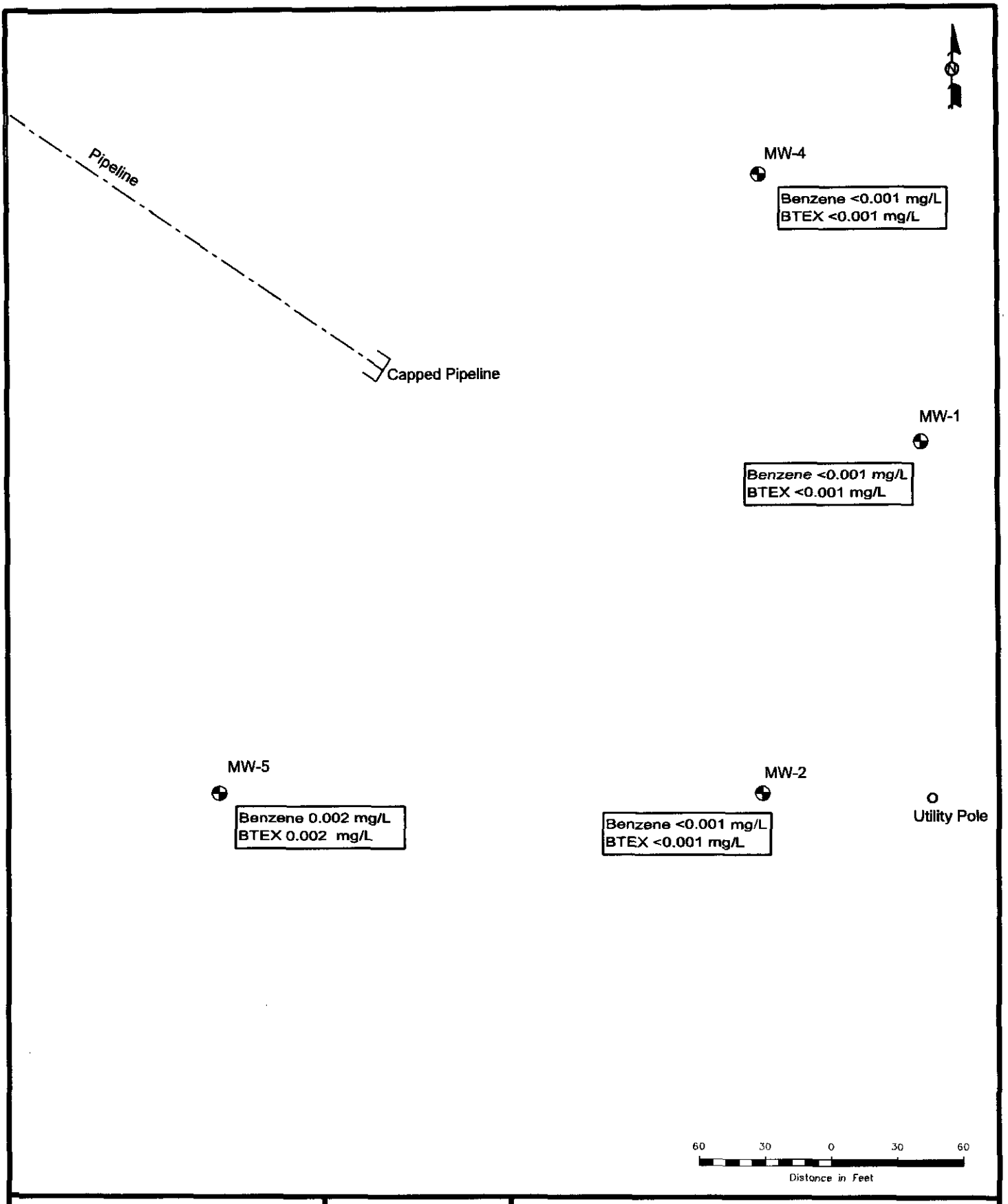
- Monitor Well Location

Figure 3C
Groundwater Concentration Map (6/06/00)

Link Energy
TNM 98-02
Lea County, NM

Environmental Technology Group, Inc.

Scale: 1" = 60'	Prep By: CS	Checked By: RBE
March 25, 2004	ETGI Project #: LI 2068	



NW1/4, SE1/4, Section 31, T19S, R37E

LEGEND:

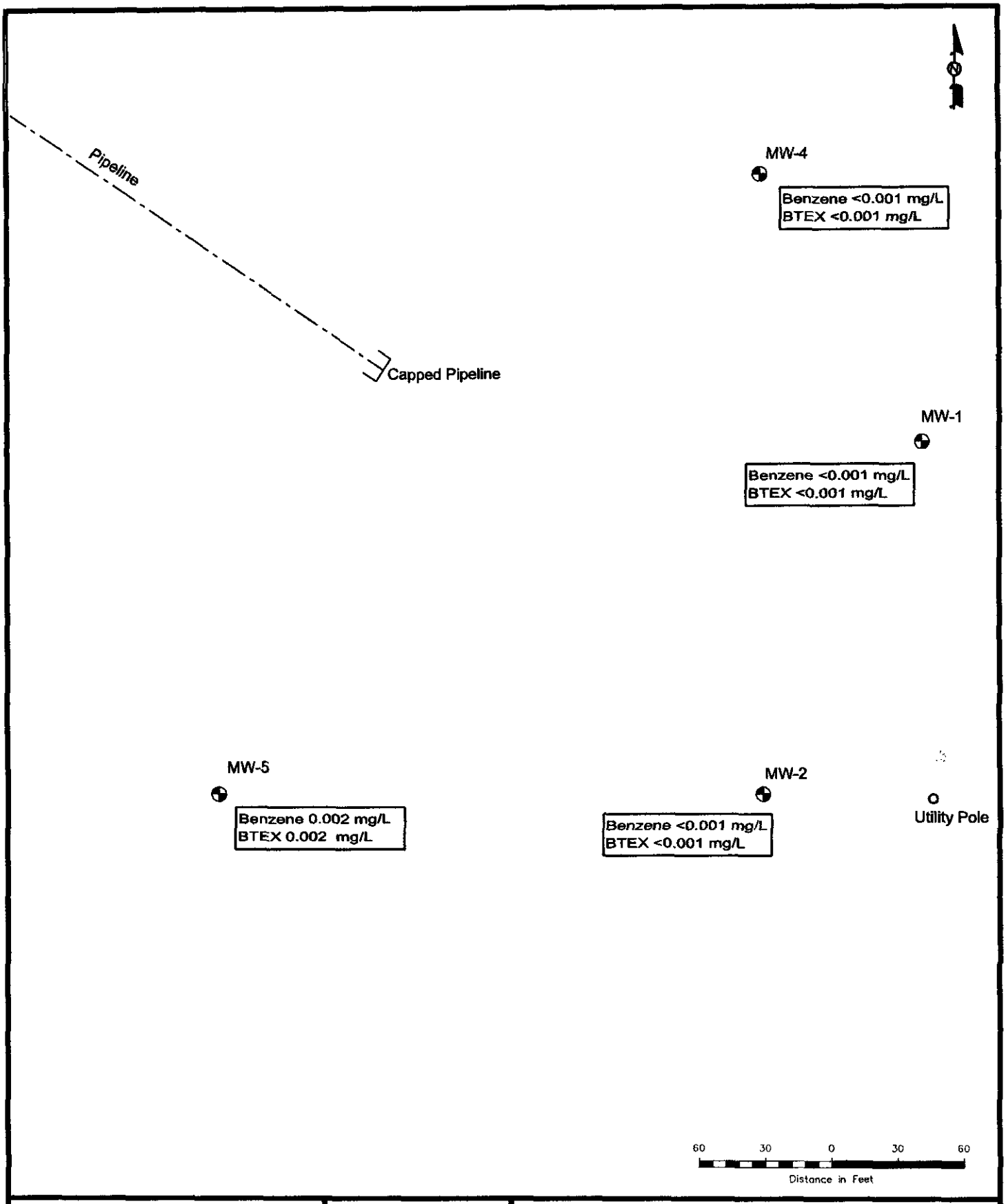
⊕ Monitor Well Location

Figure 3D
Groundwater Concentration Map (8/30/00)

Link Energy
TNM 98-02
Lea County, NM

Environmental Technology Group, Inc.

Scale: 1" = 60'	Prep By: CS	Checked By: RBE
March 25, 2004	ETGI Project #: LI 2068	



NW1/4, SE1/4, Section 31, T19S, R37E

LEGEND:

⊕ Monitor Well Location

Figure 3E
Groundwater Concentration Map (12/13/00)

Link Energy
TNM 98-02
Lea County, NM

Environmental Technology Group, Inc.

Scale: 1" = 60'	Prep By: CS	Checked By: RBE
March 25, 2004	ETGI Project #: LI 2068	

TABLES

TABLE 1

GROUNDWATER ELEVATION DATA

LINK ENERGY
TNM 98-02
LEA COUNTY, NEW MEXICO
ETGI PROJECT # LI2068

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 1	11/30/99	3,575.77	-	29.34	0.00	3,546.43
	03/09/00	3,575.77	-	29.30	0.00	3,546.47
	05/19/00	3,575.77	-	29.49	0.00	3,546.28
	06/06/00	3,575.77	-	29.54	0.00	3,546.23
	08/30/00	3,575.77	-	29.20	0.00	3,546.57
	12/13/00	3,575.77	-	29.20	0.00	3,546.57
MW - 2	11/30/99	3,575.48	-	30.17	0.00	3,545.31
	03/09/00	3,575.48	-	30.28	0.00	3,545.20
	05/19/00	3,575.48	-	30.39	0.00	3,545.09
	06/06/00	3,575.48	-	30.41	0.00	3,545.07
	08/30/00	3,575.48	-	29.95	0.00	3,545.53
	12/13/00	3,575.48	-	29.96	0.00	3,545.52
MW - 4	11/30/99	3,576.88	-	31.02	0.00	3,545.86
	03/09/00	3,576.88	-	31.03	0.00	3,545.85
	05/19/00	3,576.88	-	31.11	0.00	3,545.77
	06/06/00	3,576.88	-	30.14	0.00	3,546.74
	08/30/00	3,576.88	-	30.55	0.00	3,546.33
	12/13/00	3,576.88	-	30.71	0.00	3,546.17
MW - 5	11/30/99	3,574.77	-	31.14	0.00	3,543.63
	03/09/00	3,574.77	-	31.25	0.00	3,543.52
	05/19/00	3,574.77	-	31.37	0.00	3,543.40
	06/06/00	3,574.77	-	31.37	0.00	3,543.40
	08/30/00	3,574.77	-	30.89	0.00	3,543.88
	12/13/00	3,574.77	-	30.49	0.00	3,544.28

Elevations based on the North American Vertical Datum of 1929.

TABLE 2

CONCENTRATIONS OF BTEX IN GROUNDWATER

LINK ENERGY
TNM 98-02
LEA COUNTY, NEW MEXICO
ETGI PROJECT # LI2068

All concentrations are reported in mg/L.

SAMPLE LOCATION	SAMPLE DATE	SW 846-8021B, 5030				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE
MW - 1	08/25/99	<0.001	<0.001	<0.001	<0.001	<0.001
	11/30/99	<0.001	<0.001	<0.001	<0.001	<0.001
	03/09/00	<0.001	<0.001	<0.001	<0.001	<0.001
	05/19/00	<0.001	<0.001	<0.001	<0.001	<0.001
	06/06/00	<0.001	<0.001	<0.001	<0.001	<0.001
	08/30/00	<0.001	<0.001	<0.001	<0.001	<0.001
	12/13/00	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 2	08/25/99	<0.001	0.001	0.001	0.002	<0.001
	11/30/99	<0.001	<0.001	<0.001	<0.001	<0.001
	03/09/00	<0.001	<0.001	<0.001	<0.001	<0.001
	05/19/00	<0.001	<0.001	<0.001	<0.001	<0.001
	06/06/00	<0.001	<0.001	<0.001	<0.001	<0.001
	08/30/00	<0.001	<0.001	<0.001	<0.001	<0.001
	12/13/00	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 4	08/25/99	<0.001	0.002	0.002	0.004	0.002
	11/30/99	<0.001	<0.001	<0.001	<0.001	<0.001
	03/09/00	<0.001	<0.001	<0.001	<0.001	<0.001
	05/19/00	<0.001	<0.001	<0.001	<0.001	<0.001
	06/06/00	0.001	<0.001	<0.001	<0.001	<0.001
	08/30/00	<0.001	<0.001	<0.001	<0.001	<0.001
	12/13/00	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 5	08/25/99	0.011	0.002	0.001	0.006	0.009
	11/30/99	0.003	0.002	<0.001	0.001	<0.001
	03/09/00	0.006	<0.001	0.001	0.002	<0.001
	05/19/00	0.006	<0.001	<0.001	<0.001	<0.001
	06/06/00	0.007	0.003	0.001	<0.001	<0.001
	08/30/00	0.002	<0.001	<0.001	<0.001	<0.001
	12/13/00	0.002	<0.001	<0.001	<0.001	<0.001

Appendix A

Laboratory Reports

ENVIRONMENTAL LAB OF , INC.

"Don't Treat Your Soil Like Dirt!"

ENVIRONMENTAL TECHNOLOGY GROUP, INC.
ATTN: MR. JESSE TAYLOR
P.O. BOX 4845
MIDLAND, TEXAS 79704
FAX: 915-520-4310
FAX; 505-392-3760

SampleType: Water
Sample Condition: Intact/ Iced/HCl
Project #: EOT 1015C
Project Name: TNM 98-02
Project Location: Monument , N.M.

Sampling Date: 03/09/00
Receiving Date: 03/10/00
Analysis Date: 3/14-3/15/00

ELT#	FIELD CODE	BENZENE mg/L	TOLUENE mg/L	ETHYLBENZENE mg/L	m,p-XYLENE mg/L	o-XYLENE mg/L
24120	MW-1	<0.001	<0.001	<0.001	<0.001	<0.001
24121	MW-2	<0.001	<0.001	<0.001	<0.001	<0.001
24122	MW-4	<0.001	<0.001	<0.001	<0.001	<0.001
24123	MW-5	0.006	<0.001	0.001	0.002	<0.001
	% IA	103	94	94	102	90
	% EA	95	85	83	92	82
	BLANK	<0.001	<0.001	<0.001	<0.001	<0.001

METHODS: SW 846-8021B,5030

Raland K. Tuttle

3-16-00
Date

Environmental Lab of Texas, Inc.

12600 West I-20 East Odessa, Texas 79763
(915) 563-1800 FAX (915) 563-1713

CHAIN-OF-CUSTODY RECORD AND ANALYSIS REQUEST

COC 103

Project Manager: J ESSE TAYLOR
Phone #: (915) 664-9166
FAX #: (505) 392-8760

Company Name & Address: ETGT
P.O. BOX 4845 MIDLAND TX 79704

Project #: EOT 1015C
Project Name: TNM 98-02

Project Location: MONUMENT NM
Sampler Signature: Jesse Taylor

LAB # (LAB USE ONLY)	FIELD CODE	# CONTAINERS	Volume/Amount	MATRIX: WATER	SOIL	AIR	SLUDGE	OTHER	PRESERVATIVE METHOD: HCL	HNO3	ICE	NONE	OTHER	SAMPLING: DATE	TIME	BTEX 8021	TPH 418.1	TCLP Metals Ag As Ba Cd Cr Pb Hg Se	Total Metals Ag As Ba Cd Cr Pb Hg Se	TCLP Volatiles	TCLP Semi Volatiles	TDS	RCI
24120	MW1	2	V	X					X		X			3-9	1337	X							
24121	MW2														1405								
24122	MW4														1349								
24123	MW5														1315								

Relinquished by:	Date:	Times:	Received by:
Jesse Taylor	3-10-00	1600	
Relinquished by:	Date:	Times:	Received by:
Relinquished by:	Date:	Times:	Received by Laboratory:

REMARKS
MAIL RESULTS: K. DUTTON

INVOICE: LENNAH FROST 1015M

ENVIRONMENTAL LAB OF , INC.

"Don't Treat Your Soil Like Dirt!"

ENVIRONMENTAL TECHNOLOGY GROUP, INC.
ATTN: MR. JESSE TAYLOR
P.O. BOX 4845
MIDLAND, TEXAS 79704
FAX: 915-520-4310
FAX: 505-392-3760

SampleType: Water
Sample Condition: Intact/ Iced/HCl/ 56 deg. F
Project #: EOT 2015C
Project Name: TNM 98-02
Project Location: Monument, N.M.

Sampling Date: 05/19/00
Receiving Date: 05/22/00
Analysis Date: 05/27 & 05/28/00

ELT#	FIELD CODE	BENZENE mg/L	TOLUENE mg/L	ETHYLBENZENE mg/L	m,p-XYLENE mg/L	o-XYLENE mg/L
25947	MW 1	<0.001	<0.001	<0.001	<0.001	<0.001
25948	MW 2	<0.001	<0.001	<0.001	<0.001	<0.001
25949	MW 4	<0.001	<0.001	<0.001	<0.001	<0.001
25950	MW 5	0.006	<0.001	<0.001	<0.001	<0.001
% IA		97	94	95	102	94
% EA		94	91	93	98	91
BLANK		<0.001	<0.001	<0.001	<0.001	<0.001

METHODS: SW 846-8021B,5030

Raland K. Tuttle

5-30-00
Date

Environmental Lab of Texas, Inc.

12600 West I-20 East Odessa, Texas 79763
(915) 563-1800 FAX (915) 563-1713

CHAIN-OF-CUSTODY RECORD AND ANALYSIS REQUEST

COC # 141

Project Manager: JESSE TAYLOR
Phone #: (505) 392-8731
FAX #: (505) 392-3760

Company Name & Address: ETGT
P.O. BOX 4845 MIDLAND TX 79704

Project #: EOT 2015C
Project Name: TNM 98-02

Project Location: MONUMENT, NM
Sampler Signature:

LAB # (LAB USE ONLY)	FIELD CODE	# CONTAINERS	Volume/Amount	MATRIX: WATER	SOIL	AIR	SLUDGE	OTHER	PRESERVATIVE METHOD: HCL	HNO3	ICE	NONE	OTHER	SAMPLING: DATE	TIME	BTEX 8021B	TPH 418.1	TCLP Metals Ag As Ba Cd Cr Pb Hg Se	Total Metals Ag As Ba Cd Cr Pb Hg Se	TCLP Volatiles	TCLP Semi Volatiles	TDS	RCI
25947	MW 1	2	V	X					X		X			5-19	0945	X							
25948	MW 2														0925								
25949	MW 4														1005								
25950	MW 5														0911								

ANALYSIS REQUEST

Relinquished by:	Date:	Time:	Received by:
	5-19-00	1400	
Relinquished by:	Date:	Time:	Received by:
	22 MAY 00	1114	
Relinquished by:	Date:	Time:	Received by Laboratory:

REMARKS
MAIL RESULTS: K. DUTTON
Rec 56°F
INVOICE: EOT 2015m

ENVIRONMENTAL LAB OF , INC.

FILE

"Don't Treat Your Soil Like Dirt!"

ENVIRONMENTAL TECHNOLOGY GROUP, INC.
ATTN: MR. JESSE TAYLOR
P.O. BOX 4845
MIDLAND, TEXAS 79704
FAX: 915-520-4310
FAX: 505-392-3760

SampleType: Water
Sample Condition: Intact/ Iced/HCl/ 32 deg. F
Project #: EOT 2015C
Project Name: TNM 98-02
Project Location: Monument, N.M.

Sampling Date: 06/06/00
Receiving Date: 06/10/00
Analysis Date: 06/12/00

ELT#	FIELD CODE	BENZENE mg/L	TOLUENE mg/L	ETHYLBENZENE mg/L	m,p-XYLENE mg/L	o-XYLENE mg/L
26561	MW 1	<0.001	<0.001	<0.001	<0.001	<0.001
26562	MW 2	<0.001	<0.001	<0.001	<0.001	<0.001
26563	MW 4	0.001	<0.001	<0.001	<0.001	<0.001
26564	MW 5	0.007	0.003	0.001	0.002	<0.001
	% IA	90	87	89	96	88
	% EA	96	95	98	106	97
	BLANK	<0.001	<0.001	<0.001	<0.001	<0.001

METHODS: SW 846-8021B,5030

Umesh Rao

Umesh Rao, Ph. D.

6/14/00
Date

Environmental Lab of Texas, Inc.

12600 West I-20 East Odessa, Texas 79763
(915) 563-1800 FAX (915) 563-1713

CHAIN-OF-CUSTODY RECORD AND ANALYSIS REQUEST

COC # 155

Project Manager: Jesse Taylor
Phone #: (505) 392-8731
FAX #: (505) 392-3760

Company Name & Address: ETGI
P.O. Box 4645 Midland TX 79704

Project #: EOT 2015
Project Name: TNM 98-02

Project Location: Monument NM
Sampler Signature: Jesse Casas

LAB # (LAB USE ONLY)	FIELD CODE	# CONTAINERS	Volume/Amount	MATRIX: WATER	SOIL	AIR	SLUDGE	OTHER	PRESERVATIVE METHOD: HCL	HNO3	ICE	NONE	OTHER	SAMPLING: DATE 2000	TIME	BTEX 8021B/5030	TPH 418.1	TCLP Metals Ag As Ba Cd Cr Pb Hg Se	Total Metals Ag As Ba Cd Cr Pb Hg Se	TCLP Volatiles	TCLP Semi Volatiles	TDS	RCI
26561	MW 1	2	Y	X					X		X			6-6	1450	X							
26562	MW 2														1430								
26563	MW 4														1510								
26564	MW 5														1410								

ANALYSIS REQUEST

Relinquished by:	Date:	Time:	Received by:
Jesse Casas	10 Jun 00	1100	
Relinquished by:	Date:	Time:	Received by:
Relinquished by:	Date:	Time:	Received by Laboratory:

REMARKS
FAX Results: Hobbs office
32° F
ETGI
Invoice: [redacted]

ENVIRONMENTAL LAB OF , INC.

"Don't Treat Your Soil Like Dirt!"

ENVIRONMENTAL TECHNOLOGY GROUP, INC.
ATTN: BETH ALDRICH
P.O. BOX 4845
MIDLAND, TEXAS 79704
FAX: 915-520-4310

Sample Type: Water
Sample Condition: Intact/ Iced/ HCl/ 30 deg. F
Project #: EOT 2068C
Project Name: TNM 98-02
Project Location: Monument, N.M.

Sampling Date: 08/30/00
Receiving Date: 09/01/00
Analysis Date: 09/05/00

ELT#	FIELD CODE	BENZENE mg/L	TOLUENE mg/L	ETHYLBENZENE mg/L	m,p-XYLENE mg/L	o-XYLENE mg/L	TOTAL BTEX mg/L
30311	MW 1	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
% IA		103	100	103	106	99	
% EA		104	104	106	110	102	
BLANK		<0.001	<0.001	<0.001	<0.001	<0.001	

METHODS: SW 846-8021B,5030

Raland K. Tuttle

9-12-00
Date

ENVIRONMENTAL LAB OF , INC.

"Don't Treat Your Soil Like Dirt!"

ENVIRONMENTAL TECHNOLOGY GROUP, INC.
ATTN: BETH ALDRICH
P.O. BOX 4845
MIDLAND, TEXAS 79704
FAX: 915-520-4310

SampleType: Water
Sample Condition: Intact/ Iced/ HCl/ 30 deg. F
Project #: EOT 2068C
Project Name: TNM 98-02
Project Location: Monument, N.M.

Sampling Date: 08/30/00
Receiving Date: 09/01/00
Analysis Date: 09/06/00

ELT#	FIELD CODE	BENZENE mg/L	TOLUENE mg/L	ETHYLBENZENE mg/L	m,p-XYLENE mg/L	o-XYLENE mg/L	TOTAL BTEX mg/L
30312	MW 2	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
30313	MW 4	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
30314	MW 5	0.002	<0.001	<0.001	<0.001	<0.001	0.002
30315	EB 1	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	% IA	96	94	96	98	92	
	% EA	95	94	95	95	91	
	BLANK	<0.001	<0.001	<0.001	<0.001	<0.001	

METHODS: SW 846-8021B,5030

Raland K. Tuttle

9-12-00
Date

Environmental Technology Group, Inc.
ETGI

For Use On EOTT ENERGY CORP. Projects Only

4600 West Wall
Midland TX 79703
Tel (915) 522-1139
Fax (915) 520-4310

2540 West Marland
Hobbs, NM 88242
Tel (505) 397-4882
Fax (505) 397-4701

EOTT ENERGY CORP
5605 East Business 20
Midland, TX 79702
Tel (915) 687-3400
Fax (915) 682-2781

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

ANALYSIS REQUEST
(Circle or Specify Method No.)

COC 216

Project Manager: BETH ALDRICH

Project Name: TNM 98-02

Project Number: EOT 20685C

Project Location: MONUMENT NM

Sampler Signature: Tommy Cano

LAB # (Lab Use Only)	FIELD CODE	# CONTAINERS	Volume/Amount	MATRIX: WATER	SOIL	AIR	SLUDGE	PRESERVATION METHOD: HCL	HNO_3	$NaHSO_4$	ICE	NONE	SAMPLING: DATE	TIME	BTEX 8021B/602	TPH 418.1/TX 1005	TPH 8015M GRO/DRO	PAH 8270C (8100 New Mexico only)	Total Metals Ag As Ba Cd Cr Pb Se Hg 6010B/7470	TCLP Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Volatiles	TCLP Semi Volatiles	Vmatiles 8260B	Semi Volatiles 8270C	TDS 160.1	Cations/Anions 375.4/325.3
30311	MW 1	2	V	X				X			X		8-30	1445	X											
30312	MW 2													1455												
30313	MW 4													1415												
30314	MW 5													1405												
30315	EB 1	↓	↓	↓				↓			↓		↓	1510	↓											

Relinquished by: Tommy Cano Date: 9-1-00 Time: 1400

Received by: Date: Time:

REMARKS:
FAX RESULTS: HOBBS OFFICE
MAIL RESULTS: EOTT
INVOICE: EOTT

Relinquished by: Date: 9-1-00 Time: 1700

Received at Lab by: Date: 9.1.00 Time: 1705

ENVIRONMENTAL LAB OF , INC.

FILE

"Don't Treat Your Soil Like Dirt!"

ENVIRONMENTAL TECHNOLOGY GROUP, INC.
ATTN: MR. JESSE TAYLOR
P.O. BOX 4845
MIDLAND, TEXAS 79704
FAX: 505-392-3760

Sample Type: Water
Sample Condition: Intact/ Iced/HCl
Project #: TNM 98-02
Project Name: EOT 1015C
Project Location: Monument, N.M.

Sampling Date: 11/30/99
Receiving Date: 12/02/99
Analysis Date: 12/2 & 12/3/99

ELT#	FIELD CODE	BENZENE (mg/L)	TOLUENE (mg/L)	ETHYLBENZENE (mg/L)	m,p-XYLENE (mg/L)	o-XYLENE (mg/L)
21940	MW-1	<0.001	<0.001	<0.001	<0.001	<0.001
21941	MW-2	<0.001	<0.001	<0.001	<0.001	<0.001
21942	MW-4	<0.001	<0.001	<0.001	<0.001	<0.001
21943	MW-5	0.003	0.002	<0.001	0.001	<0.001
% IA		101	96	97	97	95
% EA		96	95	96	97	96
BLANK		<0.001	<0.001	<0.001	<0.001	<0.001

METHODS: EPA SW 846-8021B,5030

Raland K. Tuttle

12-6-99
Date

Environmental Lab of Texas, Inc.

12600 West I-20 East Odessa, Texas 79763
(915) 563-1800 FAX (915) 563-1713

CHAIN-OF-CUSTODY RECORD AND ANALYSIS REQUEST

046

Project Manager: Jesse Taylor
Phone #: (915) 664-9166
FAX #: (505) 392-3760

Company Name & Address: ETGE
P.O. Box 4845 Midland TX 79704

Project #: NAHE
TNM 98-02

Project Name or #: EOT 1015C

Project Location: Monument, NM

Sampler Signature: Lynn Cason

LAB # (LAB USE ONLY)	FIELD CODE	# CONTAINERS	Volume/Amount	MATRIX: WATER	SOIL	AIR	SLUDGE	OTHER	PRESERVATIVE METHOD: HCL	HNO3	ICE	NONE	OTHER	SAMPLING: DATE	TIME
21940	MW 1	2	V	X					X		X			11-30	1315
21941	MW 2	2													1322
21942	MW 4	2													1301
21943	MW 5	2	V	V					V		V			V	1330

ANALYSIS REQUEST

BTEX 8021B/602	TPH 418.1	TCLP Metals Ag As Ba Cd Cr Pb Hg Se	Total Metals Ag As Ba Cd Cr Pb Hg Se	TCLP Volatiles	TCLP Semi Volatiles	TDS	RCI
X							

Relinquished by:	Date:	Times:	Received by:
Lynn Cason	12-2-99	0900	
Relinquished by:	Date:	Times:	Received by:
Relinquished by:	Date:	Times:	Received by Laboratory:
	12-2-99	1320	

REMARKS: Mail Results Ken Dutton

Invoice LENNAH FROST 1015 M

ENVIRONMENTAL LAB OF , INC.

"Don't Treat Your Soil Like Dirt!"

ENVIRONMENTAL TECHNOLOGY GROUP, INC.
ATTN BETH ALDRICH
P.O. BOX 4845
MIDLAND, TEXAS 79704
FAX: 915-520-4310

Sample Type: Water
Sample Condition: Intact/ Iced/ HCl/ -2.5 deg. C
Project #: EOT 2068C
Project Name: TNM 98-02
Project Location. Monument, N.M

Sampling Date: 12/13/00
Receiving Date: 12/16/00
Analysis Date: 12/20/00

ELT#	FIELD CODE	BENZENE mg/L	TOLUENE mg/L	ETHYLBENZENE mg/L	m,p-XYLENE mg/L	o-XYLENE mg/L
35365	MW 1	<0.001	<0.001	<0.001	<0.001	<0.001
35366	MW 2	<0.001	<0.001	<0.001	<0.001	<0.001
35367	MW 4	<0.001	<0.001	<0.001	<0.001	<0.001
35368	MW 5	0.002	<0.001	<0.001	<0.001	<0.001
35369	EB 1	<0.001	<0.001	<0.001	<0.001	<0.001
	%IA	87	88	93	94	89
	%EA	87	86	85	86	85
	BLANK	<0.001	<0.001	<0.001	<0.001	<0.001

METHODS. EPA SW 846-8021B ,5030

Celey D. Keene

12/21/00
Date

COC 297 Page of

Environmental Technology Group, Inc. ETG

For Use On **EOTT ENERGY CORP.** Projects Only

4600 West Wall, Midland, TX 79703, Tel (915) 522-1139, Fax (915) 520-4310
2540 West Marland, Hobbs, NM 88242, Tel (505) 397-4882, Fax (505) 397-4701
EOTT ENERGY CORP., 5805 East Business 20, Midland, TX 79702, Tel (915) 687-3400, Fax (915) 682-2781

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

ANALYSIS REQUEST (Circle or Specify Method No.)

Project Manager: BETH ALDRICH
EOTT Leak Number:
Project Name: TNM 98-02
ETGI Project Number: EOT 2068C
Project Location: MONUMENT NM
Sampler Signature: Simon Casas

LAB # (Lab Use Only)	FIELD CODE	# CONTAINERS	Volume/Amount	MATRIX: WATER	SOIL	AIR	SLUDGE	PRESERVATION METHOD: HCL	HNO_3	$NaHSO_4$	ICE	NONE	SAMPLING: DATE	TIME	BTEX 8021B/5030	TPH 418.1/TX 1005	TPH 8015M GRO/DRO	PAH 8270C (8100 New Mexico only)	Total Metals Ag As Ba Cd Cr Pb Se Hg 6010B/7470	TCLP Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Volatiles	TCLP Semi Volatiles	Volatiles 8260B	Semi Volatiles 8270C	TDS 160.1	Cations/Anions 375.4/325.3
35365	MW 1	2	✓	X				X			X		12-13	1630	X											
35366	MW 2													1558												
35367	MW 4													1700												
35368	MW 5													1536												
35369	EB 1													1715												

Relinquished by: Simon Casas Date: 12-15-00 Time: 1000
Received by: [signature] Date: 12-15-00 Time: 1030
Relinquished by: [signature] Date: 12-16-00 Time: 11:30
Received at Lab by: [signature] Date: 12-16-00 Time: 1130

REMARKS:
FAX RESULTS! HOBBS Rec - 2.5°C
MAIL RESULTS! EOTT
INVOICE! EOTT

EOTT ENERGY LLC

P.O. BOX 4666
HOUSTON, TEXAS 77210-4666

March 31, 2003

Mr. Randolph Bayliss, P.E.
Hydrologist
Oil Conservation Division
State of New Mexico
1220 Sout St. Francis Drive
Santa Fe NM 87505

Dear Mr. Bayliss;

EOTT Energy, LLC is an Operator of crude oil pipelines and terminal facilities located in the state of New Mexico. EOTT actively monitors certain historical release sites exhibiting groundwater impacts, consistent with assessments and workplans developed in consultation with the New Mexico Oil Conservation Division. Consistent with the rules and regulations of the New Mexico OCD, EOTT hereby submits its annual monitoring reports for the following titled sites:

TNM 98-02	Section 31, Township 19 South, Range 37 East Lea County NM
TNM 97-16	Section 12, Township 24 South, Range 37 East, Lea County NM
Monument 19	Section 32, Township 19 South, Range 37 East, Lea County NM
TNM SPS-11	Section 18, Township 18 South, Range 36 East, Lea County NM
TNM 97-18	Section 28, Township 20 South, Range 37 East, Lea County NM
HDO 90-23	Section 6, Township 20 South, Range 37 East, Lea County NM
Monument 2	Section 06 & 07, Township 20 South, Range 38 East, Lea County NM
Leo (Flap) Sims	Section 27, Township 19 South, Range 37 East, Lea County NM
Monument 11	Section 30, Township 19 South, Range 37 East, Lea County NM
Monument 17	Section 17, Township 19 South, Range 37 East, Lea County NM
TNM 98-05A	Section 26, Township 21 South, Range 37 East, Lea County NM
LF 37	Sections 19 & 20, Township 19 South, Range 37 East, Lea County NM
TNM 97-04	Section 11, Township 16 South, Range 35 East, Lea County NM
LF-59	Section 32, Township 19 South, Range 37 East, Lea County NM
Monument Barber 10" Sour	Section 32, Township 19 South, Range 37 East, Lea County NM

ETGI prepared these documents and has vouched for their accuracy and completeness, and on behalf of EOTT Energy, I have personally reviewed the documents and interviewed ETGI in order to verify the accuracy and completeness of these documents. It is based upon these inquiries and reviews that EOTT Energy submits these Annual Compliance Monitoring Reports for the above 15 facilities.

I look forward to scheduling a meeting with you in the second or third week of March as you schedule allows, which will allow for an opportunity to review and discuss the results of the monitoring. If you have questions in the interim, please contact me at (713) 993-5047.

Sincerely,

Bill Von Drehle

Bill Von Drehle
Director Environmental
EOTT ENERGY LLC

Cc: Frank Hernandez

March 21, 2003

Mr. Bill Vondrehle
EOTT Energy, LLC
P.O. Box 4666
Houston, Texas 77210-4666

MAR 2 5 2003

RE: Annual Monitoring Reports
Various New Mexico Sites

Mr. Vondrehle,

Please review the attached Annual Monitoring Reports for submittal to the New Mexico Oil Conservation Division (OCD). Mr. Randy Bayliss of the OCD requested a cover letter be attached to each submittal of reports or each report stating the report was prepared on behalf of EOTT Energy, LLC by Environmental Technology Group, Inc., before it can be reviewed. Upon your review, if no edits are made, please forward these reports to Mr. William C. Olson and Mr. Randy Bayliss at the address provided below. Please notify Britt Byerly or myself of your approval or if any edits need to be made. Upon notification the remaining copies of this report will be edited, if needed, and distributed according to the distribution list included in the report. If edits are required please send a cover letter stating the report was prepared on behalf of EOTT Energy, LLC by Environmental Technology Group, Inc. to be attached to both New Mexico Oil Conservation Division report copies for distribution upon completion of your edits. We regret any inconvenience this causes yourself or EOTT, but the system is imposed by the OCD. If you have any questions, or if additional information is needed, please call.

Respectfully,

Chance I. Johnson
New Mexico Regional Manager
Environmental Technology Group, Inc.
(505) 397-4882

Address for Mr. William C. Olson and Mr. Randy Bayliss:

New Mexico Oil Conservation Division
Environmental Bureau
1220 South St. Francis Drive
Santa Fe, New Mexico 87505

cc: file

ANNUAL MONITORING REPORT

MAR 27 2003

1R-98

EOTT ENERGY, LLC
TNM 98-02
NW ¼, SE ¼ OF SECTION 31, TOWNSHIP 19 SOUTH, RANGE 37 EAST
LEA COUNTY, NEW MEXICO

PREPARED FOR:

EOTT ENERGY, LLC
5805 EAST HIGHWAY 80
MIDLAND, TEXAS 79701

PREPARED BY:

ENVIRONMENTAL TECHNOLOGY GROUP, INC.
2540 WEST MARLAND
HOBBS, NEW MEXICO 88240

April 2003

Camille Reynolds
Project Manager

FOR
Chance I. Johnson
New Mexico Regional Manager

TABLE OF CONTENTS

INTRODUCTION

Environmental Technology Group, Inc. (ETGI) is please to submit this Annual Monitoring Report on behalf of EOTT Energy, LLC (EOTT), in compliance with the New Mexico Oil Conservation Division (NMOCD) letter of May 1998 requiring submittal of an Annual Monitoring Report by April 1 of each year. This report presents the results of quarterly groundwater monitoring events only. For reference, the Site Location Map is provided as Figure 1.

This site was opened by other environmental consultants prior to the involvement of ETGI in November 1999. Due to site excavation activities groundwater monitor well MW-3 was plugged and abandoned in November 1999. Groundwater monitoring was conducted during four quarterly monitoring events in the calendar year 2000 to assess the levels and extent of dissolved phase constituents. Groundwater monitoring events consisted of measuring static water levels in the monitor wells, purging and subsequent sampling of each well exhibiting sufficient recharge. Groundwater monitoring events were not conducted in the calendar year 2001 or 2002, as the landowner would not allow access to the site.

FIELD ACTIVITIES

Quarterly groundwater sampling was not conducted in the years 2001 and 2002 because the landowner would not grant access to the site. The site monitor wells were last gauged and sampled on March 9, May 19, August 30, and December 13, 2000. During each sampling event, the monitor wells designated to be sampled were purged of approximately 3 well volumes of water or until the wells were dry using a PVC bailer or electrical Grundfos Pump. Groundwater was allowed to recharge and samples were obtained using disposable Teflon samplers. Groundwater samples were stored in clean glass containers provided by the laboratory and placed on ice in the field. Purge water was collected in a polystyrene tank and disposed of by Pate Trucking of Hobbs, New Mexico at the NMOCD licensed disposal facility NMOCD AO SWD-730.

GROUNDWATER GRADIENT

Locations of the monitor wells and the inferred groundwater gradient, as measured on December 13, 2000 are depicted on Figure 2 and Figure 3, the Groundwater Gradient Map and the NMOCD Site Map, respectively. The groundwater elevation data is provided as Table 1. Groundwater elevation contours generated from the final quarterly event of calendar year 2000 water level measurements indicate a general gradient of approximately 0.006 ft/ft to the southwest as measured between groundwater monitor wells MW-1 and MW-5. The depth to groundwater as measured from the top of the well casings ranged between 29.20 to 31.37 feet in the shallow alluvial aquifer.

LABORATORY RESULTS

Groundwater samples obtained during the calendar year 2000 sampling events were delivered to Environmental Laboratory of Texas, Midland, Texas for determination of Benzene, Toluene, Ethylbenzene and total Xylene (BTEX) constituent concentrations by EPA Method SW 846-8021B. The groundwater chemistry data is provided as Table 2 and the Laboratory Reports are provided as Appendix A.

Laboratory analytical results for the groundwater samples obtained during the calendar year 2000 monitoring period indicate that benzene and BTEX concentrations were below NMOCD regulatory standards for all of the on-site monitor wells.

SUMMARY

This report presents the results of monitoring activities for the annual monitoring period of calendar year 2000. Groundwater monitoring events were not conducted during calendar years 2001 and 2002 due to site access restrictions imposed by the landowner.

Groundwater elevation contours generated from the final quarterly monitoring event of calendar year 2000 indicate a general gradient of approximately 0.006 ft/ft to the southwest as measured between groundwater monitor wells MW-1 and MW-5.

Laboratory analytical results obtained during the calendar year 2000 monitoring period indicate that benzene and BTEX concentrations were below NMOCD regulatory standards for all of the on-site monitor wells. An additional groundwater monitor well is required at the release point in response to the NMOCD letter dated October 30, 2000, but has not been installed to date due to access restrictions imposed by the landowner. Contingent upon the laboratory results obtained from groundwater sampling of the proposed monitor well, a Site Closure Request will be submitted to the NMOCD.

DISTRUBUTION

Copy 1 & 2: Mr. William C. Olson/Randy Bayliss
New Mexico Oil Conservation Division
Environmental Bureau
1220 South St. Francis Drive
Santa Fe, New Mexico 87505

Copy 3: Chris Williams
New Mexico Oil Conservation Division (District 1)
1625 French Drive
Hobbs, New Mexico 88240

Copy 4: Frank Hernandez
EOTT Energy, LLC
P. O. Box 1660
Midland, Texas 79702

Copy 5: Jimmy Bryant
EOTT Energy, LLC
P. O. Box 1660
Midland, Texas 79702

Copy 6: Mike Kelly
EOTT Energy, LLC
P. O. Box 4666
Houston, Texas 77210-4666

Copy 7: Bill Vondrehle
EOTT Energy, LLC
P. O. Box 4666
Houston, Texas 77210-4666

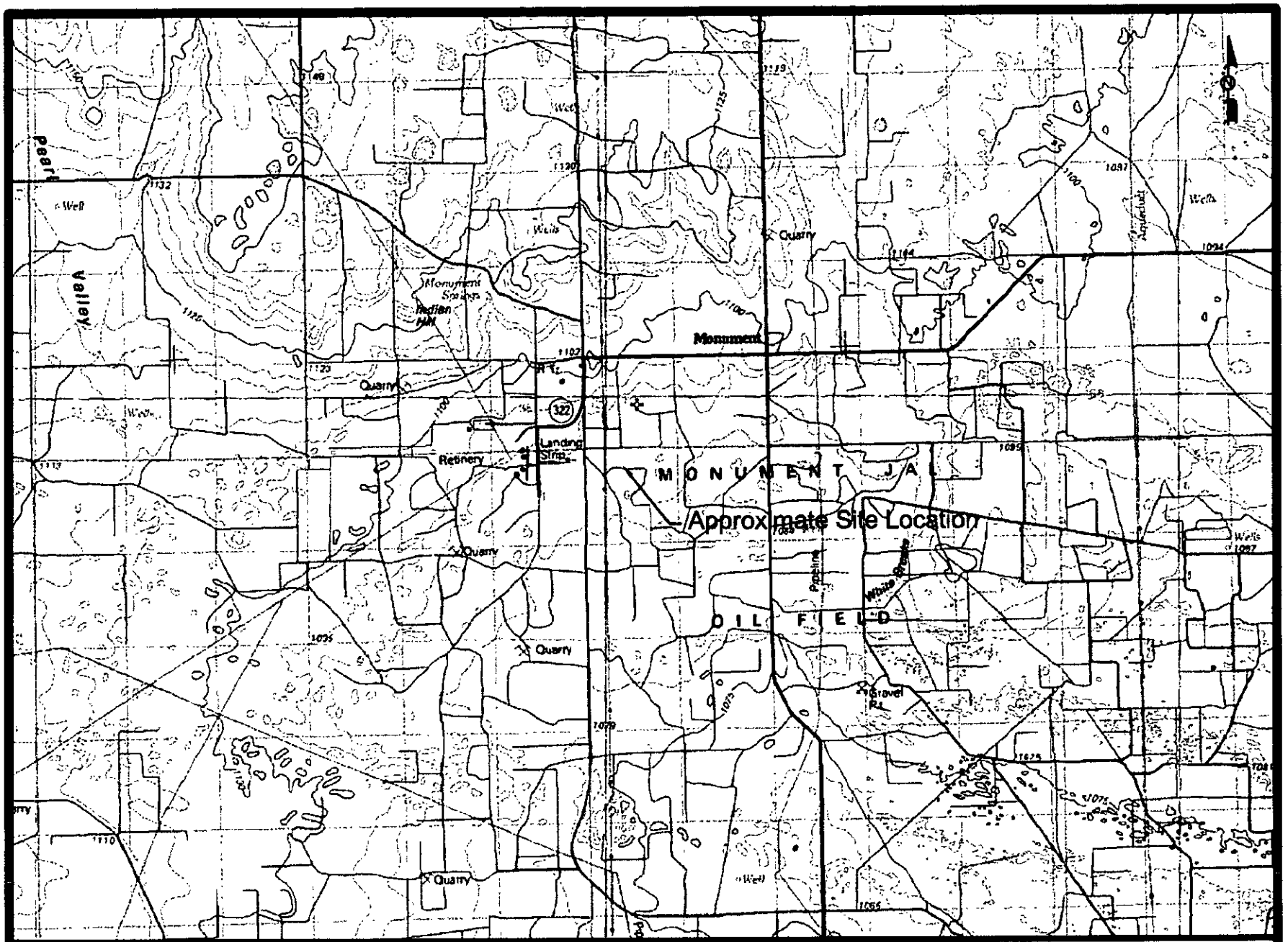
Copy 8: Environmental Technology Group, Inc,
4600 West Wall
Midland, Texas 79703

Copy 9: Environmental Technology Group, Inc.
2540 West Marland
Hobbs, New Mexico 88240

Copy Number 1

Quality Control Review Ron Dutton

FIGURES



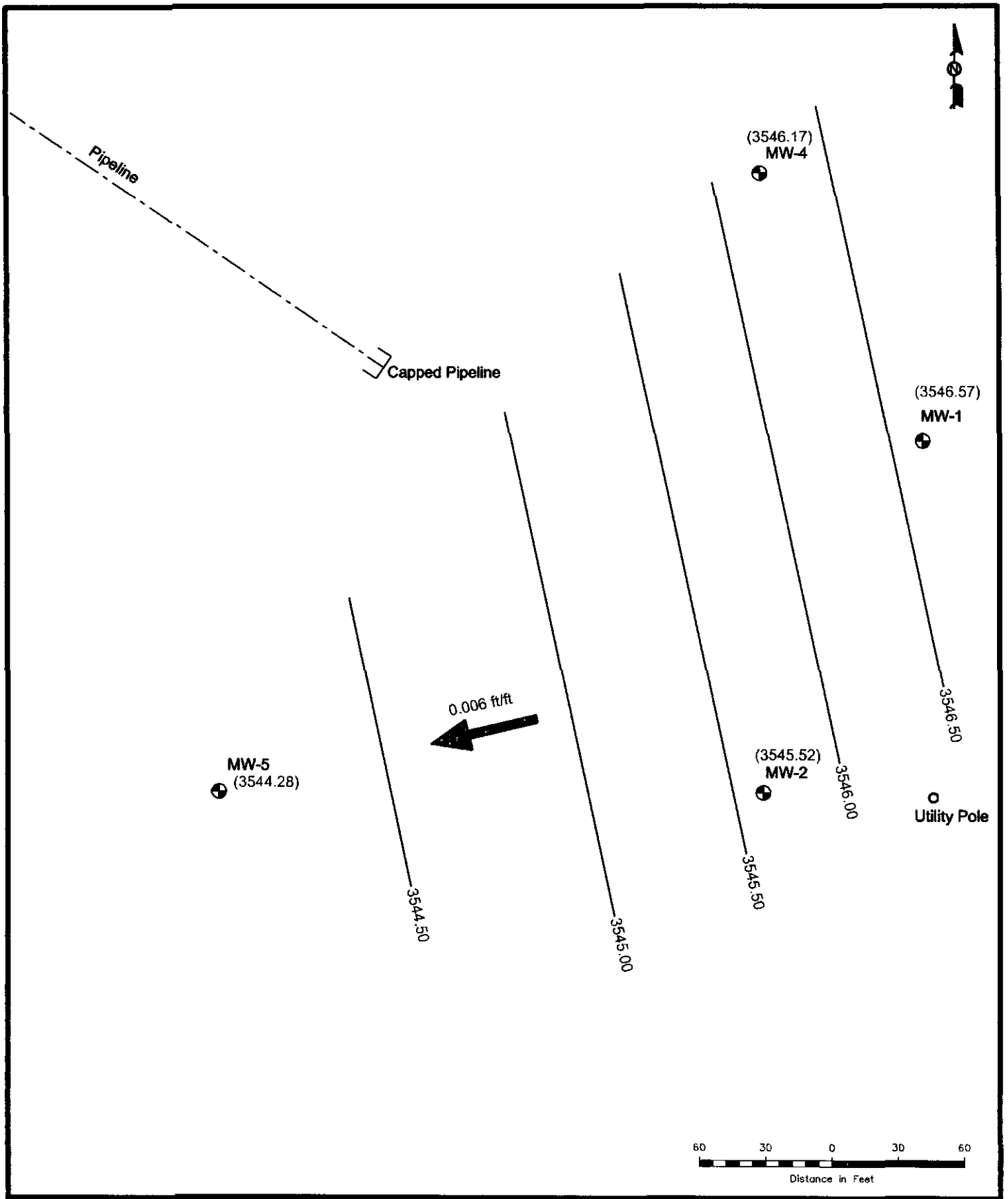
NW1/4, SE1/4 Section 31, T19S, R37E

Figure 1
Site Location Map

EOTT Energy Corp.
TNM 98-02
Lea County, NM

Environmental Technology Group, Inc.

Scale: NTS	Prep By: JDJ	Checked By: KD
January 23, 2001	ETGI Project # EOT2058C	



NW1/4, SE1/4, Section 31, T19S, R37E

LEGEND:

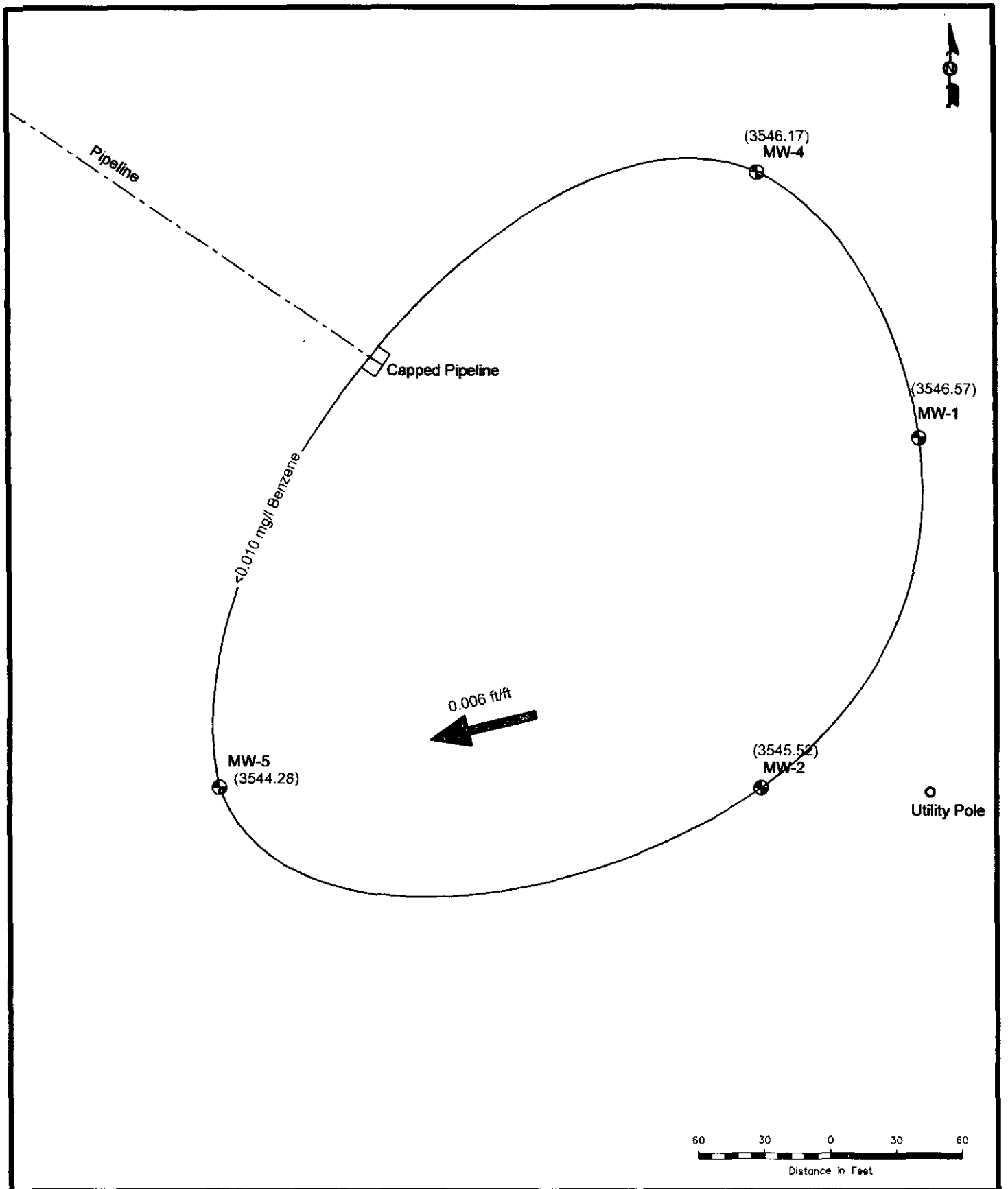
- Monitor Well Location
- Groundwater Gradient Line
- (3543.50) Groundwater Elevation in Feet
- 0.006 ft/ft Groundwater Gradient Direction and Magnitude

Figure 2
Site Groundwater Gradient Map (12/13/00)

EOTT Energy Corp.
TNM 98-02
Lea County, NM

Environmental Technology Group, Inc.

Scale: 1" = 60'	Prep By: JDJ	Checked By: CR
December 13, 2000	ETGI Project #: EO2068	



NW1/4, SE1/4, Section 31, T19S, R37E

LEGEND:

- Monitor Well Location
- Groundwater Gradient Line
- Groundwater Elevation in Feet
- Groundwater Gradient Direction and Magnitude

Figure 3
NMOCD Site Map
(12/13/00)

EOTT Energy Corp.
TNM 98-02
Lea County, NM

Environmental Technology Group, Inc.

Scale: 1" = 60'	Prep By: JDJ	Checked By: CR
December 13, 2000	ETGI Project #:EO2068	

TABLES

TABLE 1

GROUNDWATER ELEVATION

EOTT ENERGY, LLC
TNM 98-02
LEA COUNTY, NEW MEXICO
ETGI PROJECT # EO2068

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 1	11/30/99	3,575.77	-	29.34	0.00	3,546.43
	03/09/00	3,575.77	-	29.30	0.00	3,546.47
	05/19/00	3,575.77	-	29.49	0.00	3,546.28
	08/30/00	3,575.77	-	29.20	0.00	3,546.57
	12/13/00	3,575.77	-	29.20	0.00	3,546.57
MW - 2	11/30/99	3,575.48	-	30.17	0.00	3,545.31
	03/09/00	3,575.48	-	30.28	0.00	3,545.20
	05/19/00	3,575.48	-	30.39	0.00	3,545.09
	08/30/00	3,575.48	-	29.95	0.00	3,545.53
	12/13/00	3,575.48	-	29.96	0.00	3,545.52
MW - 4	11/30/99	3,576.88	-	31.02	0.00	3,545.86
	03/09/00	3,576.88	-	31.03	0.00	3,545.85
	05/19/00	3,576.88	-	31.11	0.00	3,545.77
	08/30/00	3,576.88	-	30.55	0.00	3,546.33
	12/13/00	3,576.88	-	30.71	0.00	3,546.17
MW - 5	11/30/99	3,574.77	-	31.14	0.00	3,543.63
	03/09/00	3,574.77	-	31.25	0.00	3,543.52
	05/19/00	3,574.77	-	31.37	0.00	3,543.40
	08/30/00	3,574.77	-	30.89	0.00	3,543.88
	12/13/00	3,574.77	-	30.49	0.00	3,544.28

TABLE 2

GROUNDWATER CHEMISTRY

EOTT ENERGY, LLC
TNM 98-02
LEA COUNTY, NEW MEXICO
ETGI PROJECT # EO 2068

All concentrations are in mg/L

SAMPLE LOCATION	SAMPLE DATE	SW 846-8021B, 5030			
		BENZENE	TOLUENE	ETHYL-BENZENE	TOTAL XYLENES
MW - 1	11/30/99	<0.001	<0.001	<0.001	<0.001
	03/09/00	<0.001	<0.001	<0.001	<0.001
	05/19/00	<0.001	<0.001	<0.001	<0.001
	08/30/00	<0.001	<0.001	<0.001	<0.001
	12/13/00	<0.001	<0.001	<0.001	<0.001
MW - 2	11/30/99	<0.001	<0.001	<0.001	<0.001
	03/09/00	<0.001	<0.001	<0.001	<0.001
	05/19/00	<0.001	<0.001	<0.001	<0.001
	08/30/00	<0.001	<0.001	<0.001	<0.001
	12/13/00	<0.001	<0.001	<0.001	<0.001
MW - 4	11/30/99	<0.001	<0.001	<0.001	<0.001
	03/09/00	<0.001	<0.001	<0.001	<0.001
	05/19/00	<0.001	<0.001	<0.001	<0.001
	08/30/00	<0.001	<0.001	<0.001	<0.001
	12/13/00	<0.001	<0.001	<0.001	<0.001
MW - 5	11/30/99	0.003	0.002	<0.001	0.001
	03/09/00	0.006	<0.001	0.001	0.002
	05/19/00	0.006	<0.001	<0.001	<0.001
	08/30/00	0.002	<0.001	<0.001	<0.001
	12/13/00	0.002	<0.001	<0.001	<0.001

Appendix A

Laboratory Reports

ENVIRONMENTAL LAB OF , INC.

"Don't Treat Your Soil Like Dirt!"

ENVIRONMENTAL TECHNOLOGY GROUP, INC.
ATTN: MR. JESSE TAYLOR
P.O. BOX 4845
MIDLAND, TEXAS 79704
FAX: 915-520-4310
FAX; 505-392-3760

SampleType: Water
Sample Condition: Intact/ Iced/HCl
Project #: EOT 1015C
Project Name: TNM 98-02
Project Location: Monument , N.M.

Sampling Date: 03/09/00
Receiving Date: 03/10/00
Analysis Date: 3/14-3/15/00

ELT#	FIELD CODE	BENZENE mg/L	TOLUENE mg/L	ETHYLBENZENE mg/L	m,p-XYLENE mg/L	o-XYLENE mg/L
24120	MW-1	<0.001	<0.001	<0.001	<0.001	<0.001
24121	MW-2	<0.001	<0.001	<0.001	<0.001	<0.001
24122	MW-4	<0.001	<0.001	<0.001	<0.001	<0.001
24123	MW-5	0.006	<0.001	0.001	0.002	<0.001
	% IA	103	94	94	102	90
	% EA	95	85	83	92	82
	BLANK	<0.001	<0.001	<0.001	<0.001	<0.001

METHODS: SW 846-8021B,5030

Roland K. Tuttle

3-16-00
Date

Environmental Lab of Texas, Inc.

12600 West I-20 East Odessa, Texas 79763
(915) 563-1800 FAX (915) 563-1713

CHAIN-OF-CUSTODY RECORD AND ANALYSIS REQUEST

COC 103

Project Manager: J. Bose Taylor
Phone #: (915) 664-9166
FAX #: (505) 392-3760

Company Name & Address: ENSR
P.O. Box 4845 Midland TX 79704

Project #: E01 1015C
Project Name: TNM 98-02

Project Location: Monument NM
Sampler Signature: Seman Good

LAB # (LAB USE ONLY)	FIELD CODE	# CONTAINERS	Volume/Amount	MATRIX: WATER	SOIL	AIR	SLUDGE	OTHER	PRESERVATIVE METHOD: HCL	HNO3	ICE	NONE	OTHER	SAMPLING: DATE	TIME	ANALYSIS REQUEST: BTEX 8021/5030	TPH 418.1	TCLP Metals Ag As Ba Cd Cr Pb Hg Se	Total Metals Ag As Ba Cd Cr Pb Hg Se	TCLP Volatiles	TCLP Semi Volatiles	TDS	RCI
	MW1	2	V	X					X		X			3-9	1337	X							
	MW2	↓	↓	↓					↓		↓			↓	1405	↓							
	MW4														1349								
	MW5														1315								

Relinquished by:	Date:	Time:	Received by:
Seman Good	3-10-00	1400	
Relinquished by:	Date:	Time:	Received by:
Relinquished by:	Date:	Time:	Received by Laboratory:

REMARKS
MAIL RESULTS! K. DUTTON

INVOICE: LORRAN FROST 1015M

ENVIRONMENTAL LAB OF , INC.

"Don't Treat Your Soil Like Dirt!"

ENVIRONMENTAL TECHNOLOGY GROUP, INC.
ATTN: MR. JESSE TAYLOR
P.O. BOX 4845
MIDLAND TEXAS 79704
FAX: 915-520-4310
FAX: 505-392-3760

SampleType: Water
Sample Condition: Intact/ Iced/HCl/ 56 deg. F
Project #: EOT 2015C
Project Name: TNM 98-02
Project Location: Monument, N.M.

Sampling Date: 05/19/00
Receiving Date: 05/22/00
Analysis Date: 05/27 & 05/28/00

ELT#	FIELD CODE	BENZENE mg/L	TOLUENE mg/L	ETHYLBENZENE mg/L	m,p-XYLENE mg/L	o-XYLENE mg/L
25947	MW 1	<0.001	<0.001	<0.001	<0.001	<0.001
25948	MW 2	<0.001	<0.001	<0.001	<0.001	<0.001
25949	MW 4	<0.001	<0.001	<0.001	<0.001	<0.001
25950	MW 5	0.006	<0.001	<0.001	<0.001	<0.001
% IA		97	94	95	102	94
% EA		94	91	93	98	91
BLANK		<0.001	<0.001	<0.001	<0.001	<0.001

METHODS: SW 846-8021B,5030

Roland K. Tuttle

5-30-00
Date

Environmental Lab of Texas, Inc.

12600 West I-20 East Odessa, Texas 79763
(915) 563-1800 FAX (915) 563-1713

CHAIN-OF-CUSTODY RECORD AND ANALYSIS REQUEST

COC # 1691

Project Manager: Kristi Johnson
Phone #: (505) 392-8237
FAX #: (505) 392-3760

Company Name & Address: [illegible]
[illegible] Midland TX 79705

Project #: 200 2003
Project Name: TNM 98-02

Project Location: McKinley, NM
Sampler Signature: Dana Coats

Lab # (LAB USE ONLY)	Field Code	# CONTAINERS	Volume/Amount	MATRIX: WATER	SOIL	AIR	SLUDGE	OTHER	PRESERVATIVE METHOD: HCL	HNO3	ICE	NONE	OTHER	SAMPLING: DATE	TIME	BTEX 8021B/5030	TPH 418.1	TCLP Metals Ag As Ba Cd Cr Pb Hg Se	Total Metals Ag As Ba Cd Cr Pb Hg Se	TCLP Volatiles	TCLP Semi Volatiles	TDS	RCI
25911	MW 1	2	V	X					X		X			5-19	1045	X							
25912	MW 2														0925								
25913	MW 4														1005								
25914	MW 5														0911								

Relinquished by:	Date:	Time:	Received by:
Dana Coats	5-19-00	1400	
Relinquished by:	Date:	Time:	Received by:
	22 MAY 00	1114	
Relinquished by:	Date:	Time:	Received by Laboratory:

REMARKS
Mail Results: K. Dutton
Rec 56°F
Invoice: EOT

ENVIRONMENTAL LAB OF , INC.

"Don't Treat Your Soil Like Dirt!"

ENVIRONMENTAL TECHNOLOGY GROUP, INC.
ATTN: BETH ALDRICH
P.O. BOX 4845
MIDLAND, TEXAS 79704
FAX: 915-520-4310

SampleType: Water
Sample Condition: Intact/ Iced/ HCl/ 30 deg. F
Project #: EOT 2068C
Project Name: TNM 98-02
Project Location: Monument, N.M.

Sampling Date: 08/30/00
Receiving Date: 09/01/00
Analysis Date: 09/05/00

ELT#	FIELD CODE	BENZENE mg/L	TOLUENE mg/L	ETHYLBENZENE mg/L	m,p-XYLENE mg/L	o-XYLENE mg/L	TOTAL BTEX mg/L
30311	MW 1	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
% IA		103	100	103	106	99	
% EA		104	104	106	110	102	
BLANK		<0.001	<0.001	<0.001	<0.001	<0.001	

METHODS: SW 846-8021B,5030

Rand A. Tuttle

9-12-00
Date

ENVIRONMENTAL LAB OF , INC.

"Don't Treat Your Soil Like Dirt!"

ENVIRONMENTAL TECHNOLOGY GROUP, INC.
ATTN: BETH ALDRICH
P.O. BOX 4845
MIDLAND, TEXAS 79704
FAX: 915-520-4310

SampleType: Water
Sample Condition: Intact/ Iced/ HCl/ 30 deg. F
Project #: EOT 2068C
Project Name: TNM 98-02
Project Location: Monument, N.M.

Sampling Date: 08/30/00
Receiving Date: 09/01/00
Analysis Date: 09/06/00

ELT#	FIELD CODE	BENZENE mg/L	TOLUENE mg/L	ETHYLBENZENE mg/L	m,p-XYLENE mg/L	o-XYLENE mg/L	TOTAL BTEX mg/L
30312	MW 2	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
30313	MW 4	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
30314	MW 5	0.002	<0.001	<0.001	<0.001	<0.001	0.002
30315	EB 1	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001

% IA	96	94	96	98	92
% EA	95	94	95	95	91
BLANK	<0.001	<0.001	<0.001	<0.001	<0.001

METHODS: SW 846-8021B,5030

Raland K. Tuttle

Date

ETGT Technology, Inc.
5805 West Wall, Midland, TX 79703, Tel (915) 522-1155, Fax (915) 520-4310
2514 West Marland, Hobbs, NM 88240, Tel (505) 397-4882, Fax (505) 397-4761

For Use On EOTT ENERGY CORP. Projects Only

EOTT ENERGY CORP
5805 East Business 20
Midland, TX 79702
Tel (915) 687-3400
Fax (915) 682-2781

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

ANALYSIS REQUEST
(Circle or Specify Method No.)

COC 216

Project Manager: Lora Hudson

Project Name: EW 28 #2

Project Number: EOT 20680

Project Location: Eddy Co. NM

Sampler Signature: Steve Sloan

LAB # (Lab Use Only)	FIELD CODE	# CONTAINERS	Volume/Amount	MATRIX: WATER	SOIL	AIR	SLUDGE	PRESERVATION METHOD: HCL	HNO_3	$NaHSO_4$	ICE	NONE	SAMPLING: DATE	TIME	BTEX 8021B/602	TPH 418.1/TX 1005	TPH 8015M GRO/DRO	TPH 8270C (PIANO) New Mexico only	Total Metals Ag As Ba Cd Cr Pb Se Hg 6010B/7470	TCLP Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Volatiles	TCLP Semi Volatiles	Volatiles 8260B	Semi Volatiles 8270C	TDS 160.1	Cations (Ca, Mg, Na, K) 6010B	Anions (Cl, SO4, CO3, HCO3) 300.0
30311	MW 1	2	V	X				X			X		8-30	1445	X												
30312	MW 2													1455													
30313	MW 4													1415													
30314	MW 5													1405													
30315	FB 1													1510													

Relinquished by: Steve Sloan Date: 8-31-00 Time: 1400

Received by: Date: Time:

Relinquished by: Date: Time:

Received at Lab by: Rob Hudson Date: 9-1-00 Time: 1705

REMARKS:
Fax Results: Hobbs Office
Mail Results: EOTT
Invoice: EOTT

ENVIRONMENTAL LAB OF , INC.

"Don't Treat Your Soil Like Dirt!"

ENVIRONMENTAL TECHNOLOGY GROUP, INC.
ATTN: BETH ALDRICH
P.O. BOX 4845
MIDLAND, TEXAS 79704
FAX: 915-520-4310

Sample Type: Water
Sample Condition: Intact/ Iced/ HCl/ -2.5 deg. C
Project #: BOT 2068C
Project Name: TNM 98-02
Project Location: Monument, N.M.

Sampling Date: 12/13/00
Receiving Date: 12/16/00
Analysis Date: 12/20/00

ELT#	FIELD CODE	BENZENE mg/L	TOLUENE mg/L	ETHYLBENZENE mg/L	m,p-XYLENE mg/L	o-XYLENE mg/L
35365	MW 1	<0.001	<0.001	<0.001	<0.001	<0.001
35366	MW 2	<0.001	<0.001	<0.001	<0.001	<0.001
35367	MW 4	<0.001	<0.001	<0.001	<0.001	<0.001
35368	MW 5	0.002	<0.001	<0.001	<0.001	<0.001
35369	EB 1	<0.001	<0.001	<0.001	<0.001	<0.001
%IA		87	88	93	94	89
%EA		87	86	85	86	85
BLANK		<0.001	<0.001	<0.001	<0.001	<0.001

METHODS: EPA SW 846-8021B, 5030

Celey D. Keene

Celey D. Keene

12/21/00
Date

COC 292 Page of

For Use On: **EOTT ENERGY CORP.** Projects Only

Environmental Technology Group, Inc.

4600 West Wall, Midland, TX 79703, Tel: (915) 522-1139, Fax (915) 520-4310
2540 West Marland, Hobbs, NM 88242, Tel (505) 397-4882, Fax (505) 397-4701
EOTT ENERGY CORP, East Business 20, TX 79702, (915) 687-3400, (915) 582-2781
5805, Midland, Tel, Fax

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

ANALYSIS REQUEST
(Circle or Specify Method No.)

Project Manager: BETH ALDRICH
EOTT Leak Number:
Project Name: TNM 98-02
ETGI Project Number: EOT 2068C
Project Location: Monument NM
Sampler Signature: Lemon Casas

LAB # (Lab Use Only)	FIELD CODE	# CONTAINERS	Volume/Amount	MATRIX: WATER	SOIL	AIR	SLUDGE	PRESERVATION METHOD: HCL	HNO_3	$NaHSO_4$	ICE	NONE	SAMPLING: DATE	TIME	BTEX 8021B/5030	TPH 418.1/TX1005	TPH 8015M GRO/DRO	PAH 8270C (8100 New Mexico only)	Total Metals Ag As Ba Cd Cr Pb Se Hg 6010B/7470	TCLP Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Volatiles	TCLP Semi Volatiles	Volatiles 8260B	Semi Volatiles 8270C	TDS 160.1	Cations/Anions 375.4/325.3
35365	MW 1	2	V	X				X			X		12-13	1630	X											
35366	MW 2													1558												
35367	MW 4													1700												
35368	MW 5													1530												
35369	EB 1													1715												

Relinquished by: [signature] Date: 12-15-00 Time: 1000
Received by: [signature] Date: 12-15-00 Time: 1030

Relinquished by: [signature] Date: 12-16-00 Time: 1130
Received at Lab by: [signature] Date: 12-16-00 Time: 1130

REMARKS:
FAX RESULTS! HOBBS Rec - 2.5°C
MAIL RESULTS! EOTT
INVOICE! EOTT

August 1, 2002

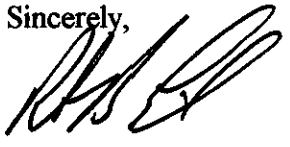
Mr. William Olson
New Mexico Energy, Minerals, and Natural Resources
Oil Conservation Division, District 4
1220 S. St. Francis Drive
Sante Fe, New Mexico 87505

RE: Annual Report
TNM 98-02 Release Site
NW ¼ SE ¼ Section 31, Township 19 South, Range 37 East
Lea County, New Mexico

Environmental Technology Group, Inc. (ETGI) is pleased to provide the New Mexico Oil Conservation Division (NMOCD) with this Annual Report pertaining to the above referenced site. Groundwater monitoring events were not conducted in the calendar year 2001 as the landowner would not allow access to the site.

If you should have any questions or require any additional information concerning this transmission, please contact me at (505) 397-4882 or (505) 631-2974.

Sincerely,



Robert Eidson
Geologist / Project Manager
Environmental Technology Group, Inc.

Attachment

ANNUAL MONITORING REPORT

EOTT PIPELINE COMPANY
TNM 98-02
LEA COUNTY, NEW MEXICO

PREPARED FOR:

EOTT PIPELINE COMPANY
5805 EAST HIGHWAY 80
MIDLAND, TEXAS 79701

PREPARED BY:

ENVIRONMENTAL TECHNOLOGY GROUP, INC.
2540 WEST MARLAND
HOBBS, NEW MEXICO 88240

July 2002

TABLE OF CONTENTS

INTRODUCTION

Environmental Technology Group, Inc. (ETGI) is please to submit this Annual Monitoring Report on behalf of EOTT Energy Corp. (EOTT), in compliance with the New Mexico Oil Conservation Division (OCD) letter of May 1998 requiring submittal of an Annual Monitoring Report by April 1 of each year. This report presents the results of quarterly groundwater monitoring events only. For reference, the Site Location Map is provided as Figure 1.

This site was opened by other environmental consultants prior to the involvement of ETGI in November 1999. Due to site excavation activities, groundwater monitoring well MW-3 was plugged and abandoned in November 1999. Groundwater monitoring was conducted during four quarterly monitoring events in the calendar year 2000 to assess the levels and extent of dissolved phase constituents. Groundwater monitoring events consisted of measuring static water levels in the monitoring wells, purging and subsequent sampling of each well exhibiting sufficient recharge. Groundwater monitoring events were not conducted in the calendar year 2001 as the landowner would not allow access to the site.

FIELD ACTIVITIES

Quarterly groundwater sampling was not conducted in the year 2001 because the landowner would not grant access to the site. The site monitor wells were last gauged and sampled on March 9, May 19, August 30, and December 13, 2000. During each sampling event, the monitor wells designated to be sampled were purged of approximately 3 well volumes of water or until the wells were dry using a PVC bailer or electrical Grundfos Pump. Groundwater was allowed to recharge and samples were obtained using disposable Teflon samplers. Groundwater samples were stored in clean glass containers provided by the laboratory and placed on ice in the field. Purge water was collected in a polystyrene tank and disposed of by Pate Trucking of Hobbs, New Mexico at the NMOCD licensed disposal facility OCD AO SWD-730.

GROUNDWATER GRADIENT

Locations of the monitor wells and the inferred groundwater gradient, as measured on December 13, 2000 are depicted on Figure 2. The groundwater elevation data are provided in Table 1. Groundwater elevation contours, generated from the final quarterly event of calendar year 2000 water level measurements, indicated a general gradient of approximately 0.006 ft/ft to the southwest as measured between groundwater monitor wells MW-1 and MW-5. The depth to groundwater, as measured from the top of the well casings, ranged between 29.20 to 31.37 feet in the shallow alluvial aquifer.

LABORATORY RESULTS

Groundwater samples collected during calendar year 2000 sampling events were hand delivered to Environmental Laboratory of Texas, Midland, Texas for analysis of the following analytes: Benzene, toluene, ethyl benzene and total xylenes (BTEX by EPA Method SW846-8021B). The

groundwater chemistry data are provided as Table 2 and the Laboratory Reports are provided as Appendix A.

Laboratory analytical results for the groundwater samples, obtained during the calendar year 2000 monitoring period, indicated that benzene and BTEX concentrations were below method detection limits for monitor wells MW-1, MW-2, and MW-4. The Benzene and BTEX concentrations contained in the groundwater samples collected from monitor well MW-5 was below regulatory standards as determined by the NMOCD.

SUMMARY

This report presents the results of monitoring activities for the annual monitoring period of calendar year 2000. Groundwater monitoring events were not conducted in the calendar year 2001 due to site access restrictions imposed by the landowner. Groundwater elevation contours generated from the final quarterly monitoring event of calendar year 2000 indicated a general gradient of approximately 0.006 ft/ft to the southwest as measured between groundwater monitor wells MW-1 and MW-5.

Laboratory analytical results obtained during the calendar year 2000 monitoring period indicated that Benzene and BTEX concentrations were below method detection limits for monitoring wells MW-1, MW-2, and MW-4. The Benzene and BTEX concentrations contained in the groundwater samples collected from monitor well MW-5 was below regulatory standards. An additional groundwater monitor well is required at the release point in response to the OCD letter dated February 8, 2001, but has not been placed to date due to access restrictions imposed by the landowner. Contingent upon the laboratory results of the proposed monitor well, a Site Closure Request will be submitted to the NMOCD.

DISTRIBUTION

Copies 1 & 2: Mr. William C. Olson/Randy Bayliss
New Mexico Oil Conservation Division-District 4
1220 S. St. Francis Dr.
Sante Fe, New Mexico 87505

Copy 3: Chris Williams
New Mexico Oil Conservation Division-District 1
1625 French Drive
Hobbs, New Mexico 88240

Copy 4: Cutty Cunningham
Enron Transportation and Services Company
1400 Smith Street ECN4546
Houston, Texas 77002

Copy 5: Mike Kelly
EOTT Energy Corp.
2000 W. Sam Houston Parkway
Houston, Texas 77042

Copy 6: Frank Hernandez
Enron Transportation and Services Company
8112 W. Hwy 82
Lovington, New Mexico 88260

Copy 7: Environmental Technology Group, Inc.
4600 W. Wall
Midland, Texas 79703

Copy 8: Environmental Technology Group, Inc.
2540 W. Marland
Hobbs, New Mexico 88240

Copy Number: 1

Ken Dutton
Quality Control Review

FIGURES

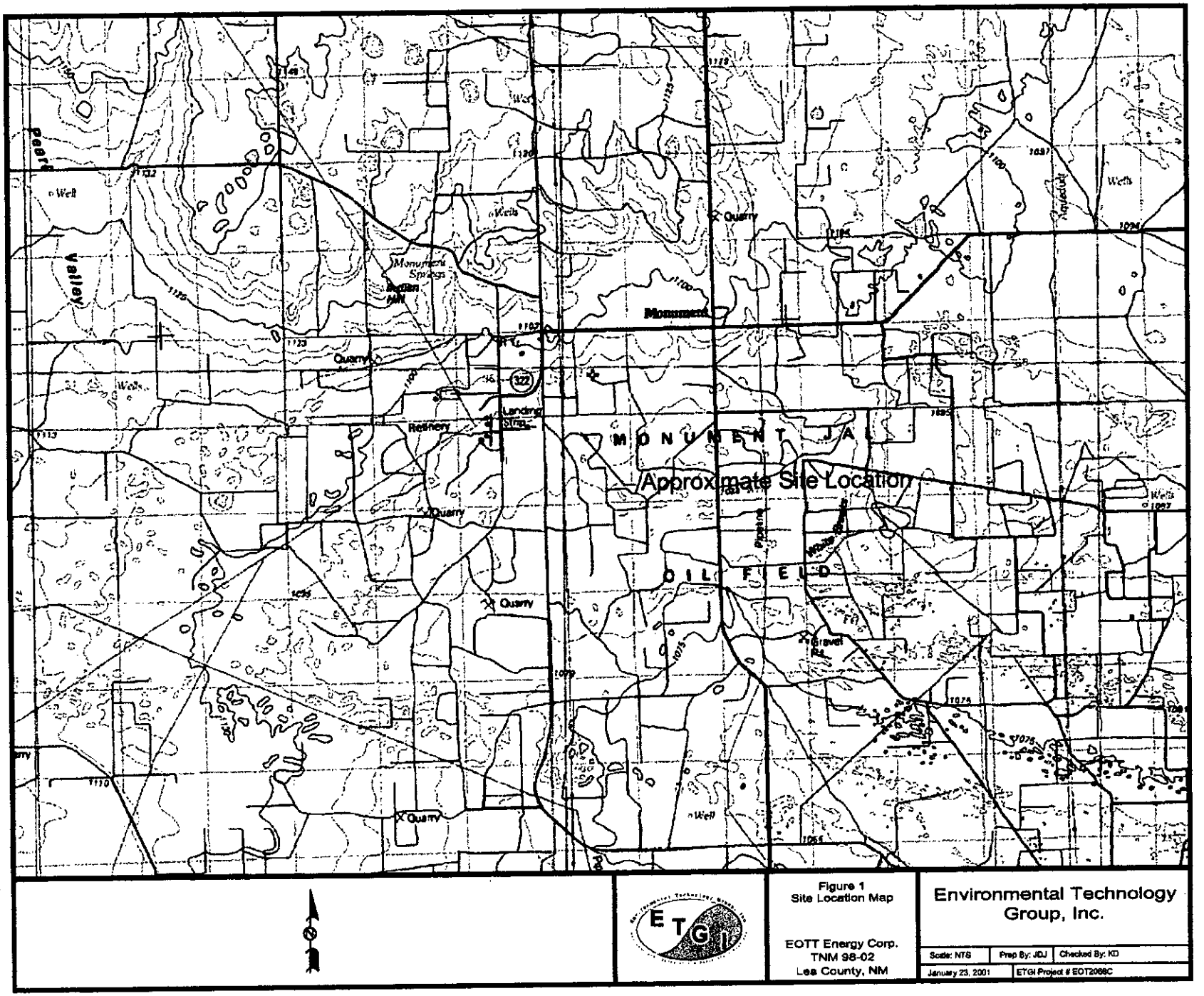
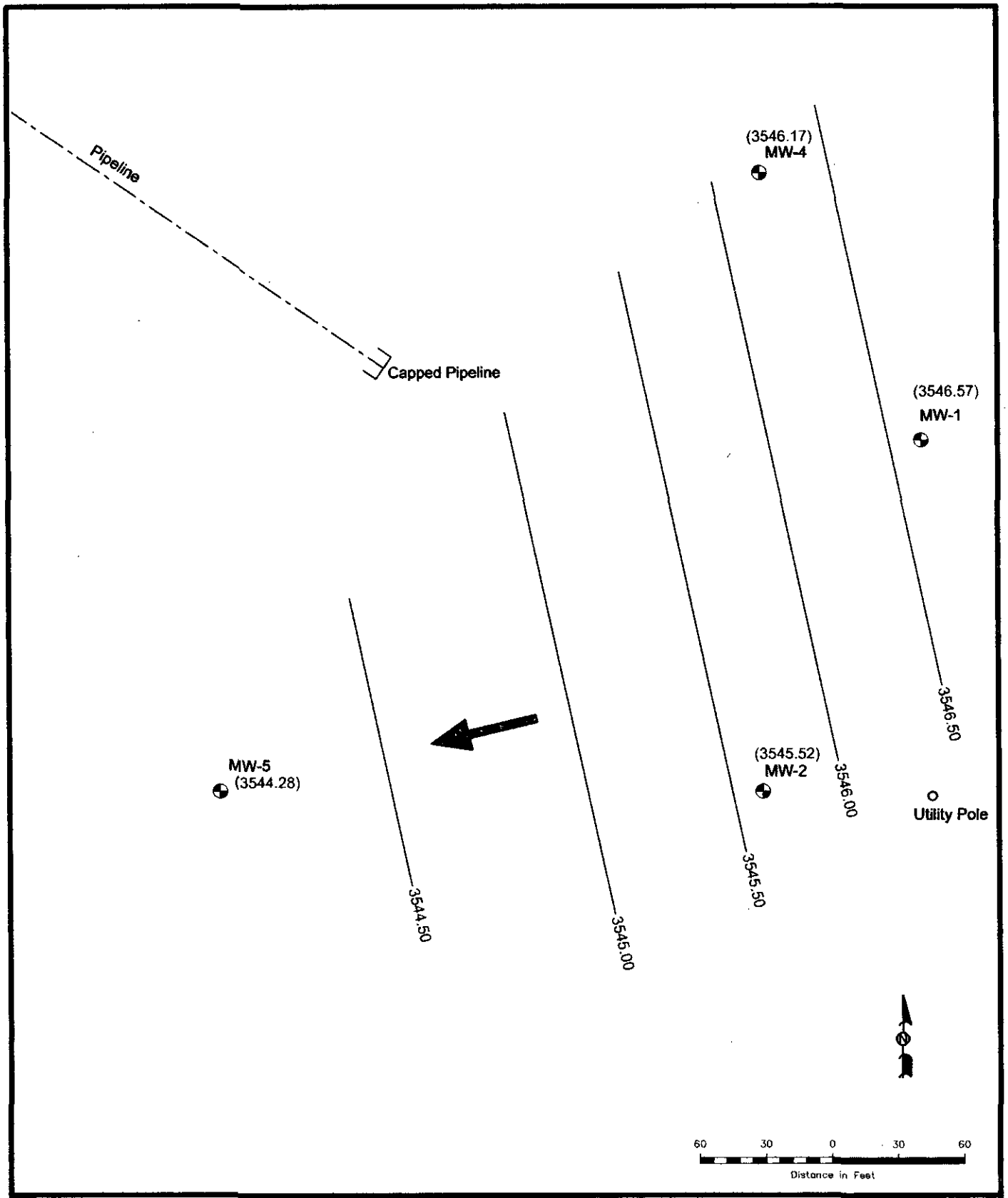


Figure 1
Site Location Map

EOTT Energy Corp.
TNM 98-02
Lea County, NM

Environmental Technology Group, Inc.

Scale: NTS	Prep By: JDJ	Checked By: KD
January 23, 2001	ETGI Project # EOT2068C	



LEGEND:

- Monitor Well Location
- Groundwater Gradient Line
- (3543.52) Groundwater Elevation in Feet

Figure 2
Site Groundwater Gradient Map (12/13/00)

EOTT Energy Corp.
TNM 98-02
Lea County, NM

Environmental Technology Group, Inc.

Scale: 1" = 60'	Prep By: JDJ	Checked By: CR
December 13, 2000	ETGI Project #: EOT2068C	

TABLES

TABLE 1

GROUND WATER ELEVATION
HISTORICAL TABLE

EOTT ENERGY CORPORATION
TNM 98-02
LEA COUNTY, NEW MEXICO
ETGI PROJECT # EOT2068C

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 1	11/30/99	3,575.77	-	29.34	0.00	3,546.43
	03/09/00	3,575.77	-	29.30	0.00	3,546.47
	05/19/00	3,575.77	-	29.49	0.00	3,546.28
	08/30/00	3,575.77	-	29.20	0.00	3,546.57
	12/13/00	3,575.77	-	29.20	0.00	3,546.57
MW - 2	11/30/99	3,575.48	-	30.17	0.00	3,545.31
	03/09/00	3,575.48	-	30.28	0.00	3,545.20
	05/19/00	3,575.48	-	30.39	0.00	3,545.09
	08/30/00	3,575.48	-	29.95	0.00	3,545.53
	12/13/00	3,575.48	-	29.96	0.00	3,545.52
MW - 4	11/30/99	3,576.88	-	31.02	0.00	3,545.86
	03/09/00	3,576.88	-	31.03	0.00	3,545.85
	05/19/00	3,576.88	-	31.11	0.00	3,545.77
	08/30/00	3,576.88	-	30.55	0.00	3,546.33
	12/13/00	3,576.88	-	30.71	0.00	3,546.17
MW - 5	11/30/99	3,574.77	-	31.14	0.00	3,543.63
	03/09/00	3,574.77	-	31.25	0.00	3,543.52
	05/19/00	3,574.77	-	31.37	0.00	3,543.40
	08/30/00	3,574.77	-	30.89	0.00	3,543.88
	12/13/2000	3,574.77	-	30.49	0.00	3,544.28

TABLE 2

GROUND WATER CHEMISTRY

EOTT ENERGY CORPORATION
TNM 98-02
LEA COUNTY, NEW MEXICO
ETGI PROJECT # EOT 2068C

All concentrations are in mg/L

SAMPLE LOCATION	SAMPLE DATE	SW 846-8021B, 5030				
		BENZENE	TOLUENE	ETHYL-BENZENE	M,P-XYLENES	O-XYLENES
MW - 1	11/30/99	<0.001	<0.001	<0.001	<0.001	<0.001
	03/09/00	<0.001	<0.001	<0.001	<0.001	<0.001
	05/19/00	<0.001	<0.001	<0.001	<0.001	<0.001
	08/30/00	<0.001	<0.001	<0.001	<0.001	<0.001
	12/13/00	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 2	11/30/99	<0.001	<0.001	<0.001	<0.001	<0.001
	03/09/00	<0.001	<0.001	<0.001	<0.001	<0.001
	05/19/00	<0.001	<0.001	<0.001	<0.001	<0.001
	08/30/00	<0.001	<0.001	<0.001	<0.001	<0.001
	12/13/00	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 4	11/30/99	<0.001	<0.001	<0.001	<0.001	<0.001
	03/09/00	<0.001	<0.001	<0.001	<0.001	<0.001
	05/19/00	<0.001	<0.001	<0.001	<0.001	<0.001
	08/30/00	<0.001	<0.001	<0.001	<0.001	<0.001
	12/13/00	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 5	11/30/99	0.003	0.002	<0.001	0.001	<0.001
	03/09/00	0.006	<0.001	0.001	0.002	<0.001
	05/19/00	0.006	<0.001	<0.001	<0.001	<0.001
	08/30/00	0.002	<0.001	<0.001	<0.001	<0.001
	12/13/00	0.002	<0.001	<0.001	<0.001	<0.001

APPENDIX A

Laboratory Results

ENVIRONMENTAL LAB OF , INC.

"Don't Treat Your Soil Like Dirt!"

ENVIRONMENTAL TECHNOLOGY GROUP, INC.
ATTN: MR. JESSE TAYLOR
P.O. BOX 4845
MIDLAND, TEXAS 79704
FAX: 915-520-4310
FAX; 505-392-3760

SampleType: Water
Sample Condition: Intact/ Iced/HCl
Project #: EOT 1015C
Project Name: TNM 98-02
Project Location: Monument , N.M.

Sampling Date: 03/09/00
Receiving Date: 03/10/00
Analysis Date: 3/14-3/15/00

ELT#	FIELD CODE	BENZENE mg/L	TOLUENE mg/L	ETHYLBENZENE mg/L	m,p-XYLENE mg/L	o-XYLENE mg/L
24120	MW-1	<0.001	<0.001	<0.001	<0.001	<0.001
24121	MW-2	<0.001	<0.001	<0.001	<0.001	<0.001
24122	MW-4	<0.001	<0.001	<0.001	<0.001	<0.001
24123	MW-5	0.006	<0.001	0.001	0.002	<0.001
	% IA	103	94	94	102	90
	% EA	95	85	83	92	82
	BLANK	<0.001	<0.001	<0.001	<0.001	<0.001

METHODS: SW 846-8021B,5030

Raland K. Tuttle

3-16-00
Date

Environmental Lab of Texas, Inc.

12600 West I-20 East Odessa, Texas 79763
(915) 563-1800 FAX (915) 563-1713

CHAIN-OF-CUSTODY RECORD AND ANALYSIS REQUEST

COC 103

Project Manager: J ESSE TAYLOR
Phone #: (915) 664-9161
FAX #: (505) 392-8260

Company Name & Address: ETGT
P.O. BOX 4845 MIDLAND TX 79704

Project #: EOT 1015C
Project Name: TNM 98-02

Project Location: MONUMENT NM
Sampler Signature: Simon Cano

ANALYSIS REQUEST

LAB # (LAB USE ONLY)	FIELD CODE	# CONTAINERS	Volume/Amount	MATRIX: WATER	SOIL	AIR	SLUDGE	OTHER	PRESERVATIVE METHOD: HCL	HNO3	ICE	NONE	OTHER	SAMPLING: DATE	TIME	BTEX 8020 (8260)	TPH 418.1	TCLP Metals Ag As Ba Cd Cr Pb Hg Se	Total Metals Ag As Ba Cd Cr Pb Hg Se	TCLP Volatiles	TCLP Semi Volatiles	TDS	RCI
24120	MW1	2	V	X					X		X			3-9	1337	X							
24121	MW2														1405								
24122	MW4														1349								
24123	MW5														1315								

Relinquished by:	Date:	Times:	Received by:
Simon Cano	3-10-00	1600	
Relinquished by:	Date:	Times:	Received by:
Relinquished by:	Date:	Times:	Received by Laboratory:

REMARKS
MAIL RESULTS! K. DUTTON

INVOICE: LORRAN FROST 1015M

ENVIRONMENTAL LAB OF , INC.

"Don't Treat Your Soil Like Dirt!"

ENVIRONMENTAL TECHNOLOGY GROUP, INC.
ATTN: MR. JESSE TAYLOR
P.O. BOX 4845
MIDLAND, TEXAS 79704
FAX: 915-520-4310
FAX: 505-392-3760

SampleType: Water
Sample Condition: Intact/ Iced/HCl/ 56 deg. F
Project #: EOT 2015C
Project Name: TNM 98-02
Project Location: Monument, N.M.

Sampling Date: 05/19/00
Receiving Date: 05/22/00
Analysis Date: 05/27 & 05/28/00

ELT#	FIELD CODE	BENZENE mg/L	TOLUENE mg/L	ETHYLBENZENE mg/L	m,p-XYLENE mg/L	o-XYLENE mg/L
25947	MW 1	<0.001	<0.001	<0.001	<0.001	<0.001
25948	MW 2	<0.001	<0.001	<0.001	<0.001	<0.001
25949	MW 4	<0.001	<0.001	<0.001	<0.001	<0.001
25950	MW 5	0.006	<0.001	<0.001	<0.001	<0.001
% IA		97	94	95	102	94
% EA		94	91	93	98	91
BLANK		<0.001	<0.001	<0.001	<0.001	<0.001

METHODS: SW 846-8021B,5030

Raland K. Tuttle

5-30-00
Date

Environmental Lab of Texas, Inc.

12600 West I-20 East Odessa, Texas 79763
(915) 563-1800 FAX (915) 563-1713

CHAIN-OF-CUSTODY RECORD AND ANALYSIS REQUEST

COC # 141

Project Manager: JESSE TAYLOR
Phone #: (505) 392-8731
FAX #: (505) 392-3760

Company Name & Address: ETGT
P.O. BOX 4845 MIDLAND TX 79704

Project #: EOT 2015C
Project Name: TNM 98-02

Project Location: FARMINGTON, NM
Sampler Signature: Jesse Cook

LAB # (LAB USE ONLY)	FIELD CODE	# CONTAINERS	Volume/Amount	MATRIX: WATER	SOIL	AIR	SLUDGE	OTHER	PRESERVATIVE METHOD: HCL	HNO3	ICE	NONE	OTHER	SAMPLING: DATE	TIME	BTEX 8021B/5030	TPH 418.1	TCLP Metals Ag As Ba Cd Cr Pb Hg Se	Total Metals Ag As Ba Cd Cr Pb Hg Se	TCLP Volatiles	TCLP Semi Volatiles	TDS	RCI
25947	MW 1	2	V	X					X		X			5-19	0845	X							
25948	MW 2														0925								
25949	MW 4														1005								
25950	MW 5														0911								

Relinquished by:	Date:	Times:	Received by:
	5-19-00	1400	
Relinquished by:	Date:	Times:	Received by:
	22 MAY 00	1114	
Relinquished by:	Date:	Times:	Received by Laboratory:

REMARKS
MAIL RESULTS: K. DUTTON
Rec 56°F
INVOICE: EOT 1015 M

ENVIRONMENTAL LAB OF , INC.

"Don't Treat Your Soil Like Dirt!"

ENVIRONMENTAL TECHNOLOGY GROUP, INC.
ATTN: BETH ALDRICH
P.O. BOX 4845
MIDLAND, TEXAS 79704
FAX: 915-520-4310

SampleType: Water
Sample Condition: Intact/ Iced/ HCl/ 30 deg. F
Project #: EOT 2068C
Project Name: TNM 98-02
Project Location: Monument, N.M.

Sampling Date: 08/30/00
Receiving Date: 09/01/00
Analysis Date: 09/05/00

ELT#	FIELD CODE	BENZENE mg/L	TOLUENE mg/L	ETHYLBENZENE mg/L	m,p-XYLENE mg/L	o-XYLENE mg/L	TOTAL BTEX mg/L
30311	MW 1	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
% IA		103	100	103	106	99	
% EA		104	104	106	110	102	
BLANK		<0.001	<0.001	<0.001	<0.001	<0.001	

METHODS: SW 846-8021B,5030

Raland K. Tuttle

9-12-00
Date

ENVIRONMENTAL LAB OF , INC.

"Don't Treat Your Soil Like Dirt!"

ENVIRONMENTAL TECHNOLOGY GROUP, INC.
ATTN: BETH ALDRICH
P.O. BOX 4845
MIDLAND, TEXAS 79704
FAX: 915-520-4310

SampleType: Water
Sample Condition: Intact/ Iced/ HCl/ 30 deg. F
Project #: EOT 2068C
Project Name: TNM 98-02
Project Location: Monument, N.M.

Sampling Date: 08/30/00
Receiving Date: 09/01/00
Analysis Date: 09/06/00

ELT#	FIELD CODE	BENZENE mg/L	TOLUENE mg/L	ETHYLBENZENE mg/L	m,p-XYLENE mg/L	o-XYLENE mg/L	TOTAL BTEX mg/L
30312	MW 2	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
30313	MW 4	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
30314	MW 5	0.002	<0.001	<0.001	<0.001	<0.001	0.002
30315	EB 1	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
% IA		96	94	96	98	92	
% EA		95	94	95	95	91	
BLANK		<0.001	<0.001	<0.001	<0.001	<0.001	

METHODS: SW 846-8021B,5030

Raland K. Tuttle

9-12-00
Date

Environmental Technology Group, Inc.

For Use On **EOTT ENERGY CORP.** Projects Only

4500 West Wall
Midland TX 79703
Tel (915) 522-1139
Fax (915) 520-4310

2540 West Marland
Hobbs, NM 88242
Tel (505) 397-4682
Fax (505) 397-4701

EOTT ENERGY CORP
5805 East Business 20
Midland, TX 79702
Tel (915) 687-3400
Fax (915) 682-2781

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

ANALYSIS REQUEST
(Circle or Specify Method No.)

COC 216

Project Manager: BETH ALDRICH

Project Name: TNM 98-02

Project Number: EOT 2068C

Project Location: MONUMENT NM

Sampler Signature: [signature]

LAB # (Lab Use Only)	FIELD CODE	# CONTAINERS	Volume/Amount	MATRIX: WATER	SOIL	AIR	SLUDGE	PRESERVATION METHOD: HCL	HNO_3	$NaHSO_4$	ICE	NONE	SAMPLING: DATE	TIME	BTEX 8021B/602	TPH 418.1/TX 1005	TPH 8015M GRO/DRO	PAH 8270C (8100 New Mexico only)	Total Metals Ag As Ba Cd Cr Pb Se Hg 6010B/7470	TCLP Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Volatiles	TCLP Semi Volatiles	Volatiles 8260B	Semi Volatiles 8270C	TDS 160.1	Cations/Anions 375.4/325.3
30311	MW 1	2	V	X				X			X		8-30	1445	X											
30312	MW 2													1455												
30313	MW 4													1415												
30314	MW 5													1405												
30315	EB 1													1510												

Relinquished by: [signature] Date: 9-1-00 Time: 1400

Received by: Date: Time:

Relinquished by: Date: Time: 9-1-00 1700

Received at Lab by: [signature] Date: 9-1-00 Time: 1705

REMARKS:
FAX RESULTS: HOBBS OFFICE
MAIL RESULTS: EOTT
INVOICE: EOTT

3°C

Sep 26 00 01:40p

p. 4

ENVIRONMENTAL LAB OF , INC.

"Don't Treat Your Soil Like Dirt!"

ENVIRONMENTAL TECHNOLOGY GROUP, INC.
ATTN: BETH ALDRICH
P.O. BOX 4845
MIDLAND, TEXAS 79704
FAX: 915-520-4310

Sample Type: Water
Sample Condition: Intact/ Iced/ HCl/ -2.5 deg. C
Project #: EOT 2068C
Project Name: TNM 98-02
Project Location: Monument, N.M.

Sampling Date: 12/13/00
Receiving Date: 12/16/00
Analysis Date: 12/20/00

ELT#	FIELD CODE	BENZENE mg/L	TOLUENE mg/L	ETHYLBENZENE mg/L	m,p-XYLENE mg/L	o-XYLENE mg/L
35365	MW 1	<0.001	<0.001	<0.001	<0.001	<0.001
35366	MW 2	<0.001	<0.001	<0.001	<0.001	<0.001
35367	MW 4	<0.001	<0.001	<0.001	<0.001	<0.001
35368	MW 5	0.002	<0.001	<0.001	<0.001	<0.001
35369	EB 1	<0.001	<0.001	<0.001	<0.001	<0.001
%IA		87	88	93	94	89
%EA		87	86	85	86	85
BLANK		<0.001	<0.001	<0.001	<0.001	<0.001

METHODS: EPA SW 846-8021B ,5030

Celey D Keene
Celey D. Keene

12/21/00
Date

COC 297 Page of

Environmental Technology Group, Inc.

For use on **EOTT ENERGY CORP.** Projects Only

4600 West Wall, Midland, TX 79703, Tel (915) 522-1139, Fax (915) 520-4310
2540 West Marland, Hobbs, NM 88242, Tel (505) 397-4892, For (505) 397-4701
EOTT ENERGY CORP, East Business 20, TX 79702, (915) 687-3400, (915) 682-2761
5805, Midland, Tel, Fax

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

ANALYSIS REQUEST
(Circle or Specify Method No.)

Project Manager: BETH ALDRICH
EOTT Leak Number:
Project Name: TNM 98-02
ETGI Project Number: EOT 2068C
Project Location: MONUMENT NM
Sampler Signature: Simon Casas

LAB # (Lab Use Only)	FIELD CODE	# CONTAINERS	Volume/Amount	MATRIX: WATER	SOIL	AIR	SLUDGE	PRESERVATION METHOD: HCL	HNO_3	$NaHSO_4$	ICE	NONE	SAMPLING: DATE	TIME	BTEX 8021B/5030	TPH 418.1/TX 1005	1311 8015M GRO/DRO	EPAH 8270C (8100 New Mexico only)	Total Metals Ag As Ba Cd Cr Pb Se Hg 6010B/7470	TCLP Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Volatiles	TCLP Semi Volatiles	Volatiles 8260B	Semi Volatiles 8270C	TDS 160.1	Cations/Anions 375.4/325.3
35365	MW 1	2	V	X				X			X		12-13	1630	X											
35366	MW 2													1558												
35367	MW 4													1700												
35368	MW 5													1530												
35369	EB 1													1715												

Relinquished by: Simon Casas Date: 12-15-00 Time: 1000
Received by: [signature] Date: 12-15-00 Time: 1030

Relinquished by: [signature] Date: 12-16-00 Time: 11:30
Received at Lab by: [signature] Date: 12-16-00 Time: 1130

REMARKS:
FAX RESULTS! HOBBS Rec - 2.5°C
MAIL RESULTS! EOTT
INVOICE! EOTT

• 11/5 Rb

ANNUAL MONITORING REPORT

EOTT PIPELINE COMPANY
TNM 98-02
LEA COUNTY, NEW MEXICO

IR 98

RECEIVED

MAY 0 9 2001

ENVIRONMENTAL BUREAU
OIL CONSERVATION DIVISION

PREPARED FOR:

EOTT PIPELINE COMPANY
5805 EAST HIGHWAY 80
MIDLAND, TEXAS 79701

PREPARED BY:

ENVIRONMENTAL TECHNOLOGY GROUP, INC.
2540 WEST MARLAND
HOBBS, NEW MEXICO 88240

April 2001

TABLE OF CONTENTS

INTRODUCTION

Environmental Technology Group, Inc. (ETGI), on behalf of EOTT Energy Corp. (EOTT), prepared this annual report in compliance with the New Mexico Oil Conservation Division (OCD) letter of May 1998, requiring submittal of an annual report by April 1 of each year. The report presents the results of the quarterly ground water monitoring events only. For reference, the Site Location Map is provided as Figure 1.

Ground water monitoring was conducted during four quarterly events in calendar year 2000 to assess the levels and extent of dissolved phase constituents. The ground water monitoring events consisted of measuring static water levels in the monitoring wells, and purging and sampling of each well exhibiting sufficient recharge.

FIELD ACTIVITIES

The site monitoring wells were gauged and sampled on March 9, May 19, August 30, and December 13, 2000. During each sampling event, the monitoring wells, designated to be sampled, were purged of approximately 3 well volumes of water or until the wells were dry using a PVC bailer or electrical Grundfos Pump. Ground water was allowed to recharge and samples were obtained using disposable Teflon samplers. Water samples were stored in clean, glass containers provided by the laboratory and placed on ice in the field. Purge water was collected in a polystyrene tank and disposed of by Pate Trucking, Hobbs, New Mexico, utilizing a licensed disposal facility (OCD AO SWD-730).

GROUND WATER GRADIENT

Locations of the monitoring wells and the inferred ground water gradient, as measured on December 13, 2000, are depicted on Figure 2, the Site Ground Water Gradient Map. The ground water elevation data are provided as Table 1. Ground water elevation contours, generated from the final quarterly event of calendar year 2000 water level measurements, indicated a general gradient of approximately 0.006 ft/ft to the southwest as measured between ground water monitoring wells MW-1 and MW-5. The depth to ground water, as measured from the top of the well casing, ranged between 29.20 to 31.37 feet for the shallow alluvial aquifer.

LABORATORY RESULTS

Ground water samples collected during the sampling events were hand delivered to Environmental Laboratory of Texas, Midland, Texas for determination of benzene, toluene, ethyl benzene and total xylenes (BTEX) concentrations by EPA Method SW846-8021B. The ground water chemistry data are provided as Table 2 and the Laboratory Reports are provided as Appendix A.

Laboratory results for all of the site ground water samples, obtained during the calendar year 2000 monitoring period, indicated that Benzene and BTEX concentrations were below method detection limits for monitoring wells MW-1, MW-2, and MW-4. The Benzene and BTEX

concentrations contained in the ground water samples collected from monitoring well MW-5 were below regulatory standards.

SUMMARY

This report presents the results of monitoring activities for the annual monitoring period of calendar year 2000. Ground water elevation contours, generated from the final quarterly event of calendar year 2000 water level measurements, indicated a general gradient of approximately 0.006 ft/ft to the southwest as measured between ground water monitoring wells MW-1 and MW-5.

Laboratory results for all of the site ground water samples, obtained during the calendar year 2000 monitoring period, indicated that Benzene and BTEX concentrations were below method detection limits for monitoring wells MW-1, MW-2, and MW-4. The Benzene and BTEX concentrations contained in the ground water samples collected from monitoring well MW-5 were below regulatory standards. An additional ground water monitoring well is scheduled to be installed at the release point in response to the OCD letter dated February 8, 2001. Contingent upon the laboratory results of the proposed monitoring well, a site closure request will be submitted to the OCD in the near future.

FIGURES

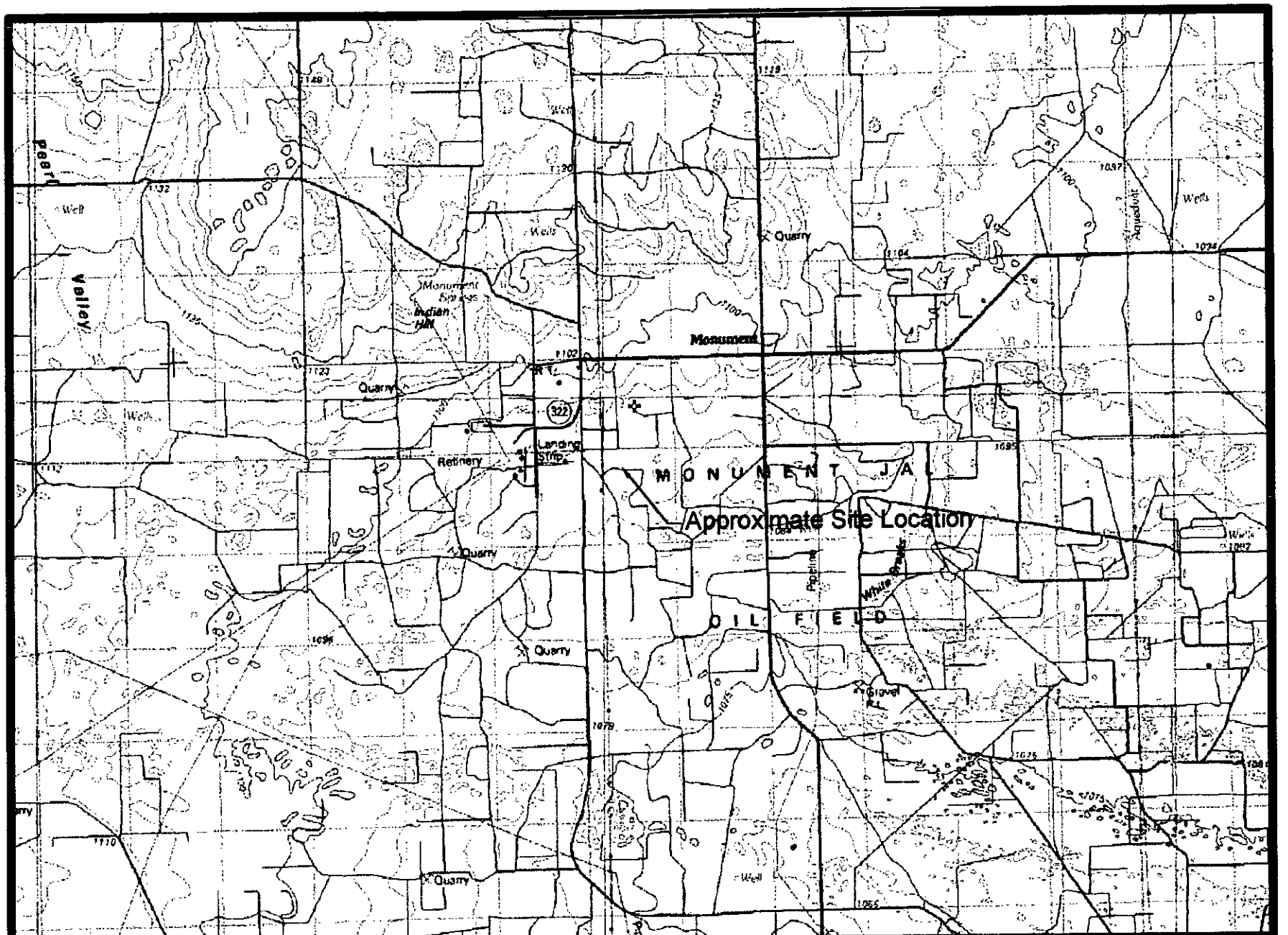
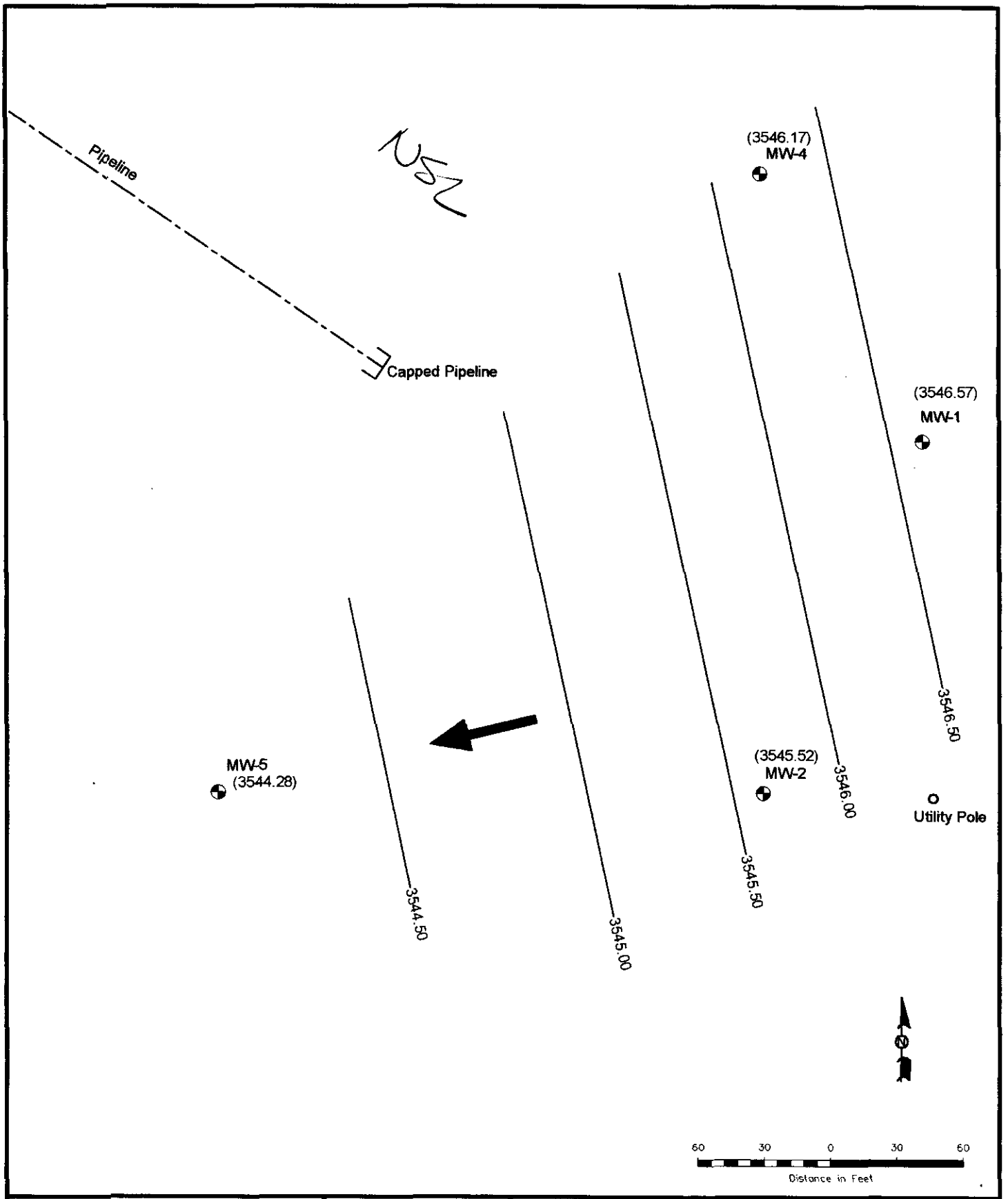


Figure 1
Site Location Map

EOTT Energy Corp.
TNM 98-02
Lea County, NM

Environmental Technology Group, Inc.

Scale: NTS	Prep By: JDJ	Checked By: KD
January 23, 2001	ETGI Project # EOT2068C	



LEGEND:

- Monitor Well Location
- Groundwater Gradient Line
- (3543.52) Groundwater Elevation in Feet

Figure 2
Site Groundwater Gradient Map (12/13/00)

EOTT Energy Corp.
TNM 98-02
Lea County, NM

Environmental Technology Group, Inc.

Scale: 1" = 60'	Prep By: JDJ	Checked By: CR
December 13, 2000	ETGI Project #: EOT2068C	

TABLES

TABLE 1

GROUND WATER ELEVATION
ANNUAL REPORT

EOTT ENERGY CORPORATION
TNM 98-02
LEA COUNTY, NEW MEXICO
ETGI PROJECT # EOT2068C

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 1	03/09/00	3,575.77	-	29.30	0.00	3,546.47
	05/19/00	3,575.77	-	29.49	0.00	3,546.28
	08/30/00	3,575.77	-	29.20	0.00	3,546.57
	12/13/00	3,575.77	-	29.20	0.00	3,546.57
MW - 2	03/09/00	3,575.48	-	30.28	0.00	3,545.20
	05/19/00	3,575.48	-	30.39	0.00	3,545.09
	08/30/00	3,575.48	-	29.95	0.00	3,545.53
	12/13/00	3,575.48	-	29.96	0.00	3,545.52
MW - 4	03/09/00	3,576.88	-	31.03	0.00	3,545.85
	05/19/00	3,576.88	-	31.11	0.00	3,545.77
	08/30/00	3,576.88	-	30.55	0.00	3,546.33
	12/13/00	3,576.88	-	30.71	0.00	3,546.17
MW - 5	03/09/00	3,574.77	-	31.25	0.00	3,543.52
	05/19/00	3,574.77	-	31.37	0.00	3,543.40
	08/30/00	3,574.77	-	30.89	0.00	3,543.88
	12/13/00	3,574.77	-	30.49	0.00	3,544.28

TABLE 2

GROUND WATER CHEMISTRY
ANNUAL REPORT

EOTT ENERGY CORPORATION
TNM 98-02
LEA COUNTY, NEW MEXICO
ETGI PROJECT # EOT 2068C

All concentrations are in mg/L

SAMPLE LOCATION	SAMPLE DATE	SW 846-8021B, 5030				
		BENZENE	TOLUENE	ETHYL-BENZENE	M,P-XYLENES	O-XYLENES
MW - 1	03/09/00	<0.001	<0.001	<0.001	<0.001	<0.001
	05/19/00	<0.001	<0.001	<0.001	<0.001	<0.001
	08/30/00	<0.001	<0.001	<0.001	<0.001	<0.001
	12/13/00	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 2	03/09/00	<0.001	<0.001	<0.001	<0.001	<0.001
	05/19/00	<0.001	<0.001	<0.001	<0.001	<0.001
	08/30/00	<0.001	<0.001	<0.001	<0.001	<0.001
	12/13/00	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 4	03/09/00	<0.001	<0.001	<0.001	<0.001	<0.001
	05/19/00	<0.001	<0.001	<0.001	<0.001	<0.001
	08/30/00	<0.001	<0.001	<0.001	<0.001	<0.001
	12/13/00	<0.001	<0.001	<0.001	<0.001	<0.001
MW - 5	03/09/00	0.006	<0.001	0.001	0.002	<0.001
	05/19/00	0.006	<0.001	<0.001	<0.001	<0.001
	08/30/00	0.002	<0.001	<0.001	<0.001	<0.001
	12/13/00	0.002	<0.001	<0.001	<0.001	<0.001

APPENDIX

ENVIRONMENTAL LAB OF , INC.

"Don't Treat Your Soil Like Dirt!"

ENVIRONMENTAL TECHNOLOGY GROUP, INC.
ATTN: MR. JESSE TAYLOR
P.O. BOX 4845
MIDLAND, TEXAS 79704
FAX: 915-520-4310
FAX: 505-392-3760

SampleType: Water
Sample Condition: Intact/ Iced/HCl
Project #: EOT 1015C
Project Name: TNM 98-02
Project Location: Monument , N.M.

Sampling Date: 03/09/00
Receiving Date: 03/10/00
Analysis Date: 3/14-3/15/00

ELT#	FIELD CODE	BENZENE mg/L	TOLUENE mg/L	ETHYLBENZENE mg/L	m,p-XYLENE mg/L	o-XYLENE mg/L
24120	MW-1	<0.001	<0.001	<0.001	<0.001	<0.001
24121	MW-2	<0.001	<0.001	<0.001	<0.001	<0.001
24122	MW-4	<0.001	<0.001	<0.001	<0.001	<0.001
24123	MW-5	0.006	<0.001	0.001	0.002	<0.001
% IA		103	94	94	102	90
% EA		95	85	83	92	82
BLANK		<0.001	<0.001	<0.001	<0.001	<0.001

METHODS: SW 846-8021B,5030

Raland K. Tuttle

3-16-00
Date

Environmental Lab of Texas, Inc.

12600 West I-20 East Odessa, Texas 79763
(915) 563-1800 FAX (915) 563-1713

CHAIN-OF-CUSTODY RECORD AND ANALYSIS REQUEST

COC 103

Project Manager: J Esse Taylor
Phone #: (915) 664-9166
FAX #: (505) 392-8760

Company Name & Address: ETGT
P.O. Box 4845 Midland TX 79704

Project #: EOT 1015C
Project Name: TNM 98-02

Project Location: Monument NM
Sampler Signature: Simon Cano

LAB # (LAB USE ONLY)	FIELD CODE	# CONTAINERS	Volume/Amount	MATRIX: WATER	SOIL	AIR	SLUDGE	OTHER	PRESERVATIVE METHOD: HCL	HNO3	ICE	NONE	OTHER	SAMPLING: DATE	TIME	ANALYSIS REQUEST: BTEX 8021B/5030	TPH 418.1	TCLP Metals Ag As Ba Cd Cr Pb Hg Se	Total Metals Ag As Ba Cd Cr Pb Hg Se	TCLP Volatiles	TCLP Semi Volatiles	TDS	RCI
	MW1	2	V	X					X		X			3-9	1337	X							
	MW2														1405								
	MW4														1349								
	MW5														1315								

Relinquished by:	Date:	Times:	Received by:
Simon Cano	3-10-00	1600	
Relinquished by:	Date:	Times:	Received by:
Relinquished by:	Date:	Times:	Received by Laboratory:

REMARKS
Mail Results! K. Dutton

Turn around time 1015m

ENVIRONMENTAL LAB OF , INC.

"Don't Treat Your Soil Like Dirt!"

ENVIRONMENTAL TECHNOLOGY GROUP, INC.
ATTN: MR. JESSE TAYLOR
P.O. BOX 4845
MIDLAND, TEXAS 79704
FAX: 915-520-4310
FAX: 505-392-3760

SampleType: Water
Sample Condition: Intact/ Iced/HCl/ 56 deg. F
Project #: EOT 2015C
Project Name: TNM 98-02
Project Location: Monument, N.M.

Sampling Date: 05/19/00
Receiving Date: 05/22/00
Analysis Date: 05/27 & 05/28/00

ELT#	FIELD CODE	BENZENE mg/L	TOLUENE mg/L	ETHYLBENZENE mg/L	m,p-XYLENE mg/L	o-XYLENE mg/L
25947	MW 1	<0.001	<0.001	<0.001	<0.001	<0.001
25948	MW 2	<0.001	<0.001	<0.001	<0.001	<0.001
25949	MW 4	<0.001	<0.001	<0.001	<0.001	<0.001
25950	MW 5	0.006	<0.001	<0.001	<0.001	<0.001
% IA		97	94	95	102	94
% EA		94	91	93	98	91
BLANK		<0.001	<0.001	<0.001	<0.001	<0.001

METHODS: SW 846-8021B,5030

Raland K. Tuttle

5-30-00
Date

Env. nmental Lab of Texas, Inc.

12600 West I-20 E Odessa, Texas 79763
(915) 563-1800 FAX (915) 563-1713

CHAIN-OF-CUSTODY RECORD AND ANALYSIS REQUEST

COC # 141

Project Manager: JESSE TAYLOR
Phone #: (505) 392-8731
FAX #: (505) 392-3760

Company Name & Address: ETGI
P.O. BOX 4545 MIDLAND TX 79704

Project #: EOT 2015C
Project Name: TNM 98-02

Project Location: MONUMENT, NM
Sampler Signature: Simon Cook

LAB # (LAB USE ONLY)	FIELD CODE	# CONTAINERS	Volume/Amount	MATRIX: WATER	SOIL	AIR	SLUDGE	OTHER	PRESERVATIVE METHOD: HCL	HNO3	ICE	NONE	OTHER	SAMPLING: DATE	TIME	BTEX 8021B/5030	TPH 418.1	TCLP Metals Ag As Ba Cd Cr Pb Hg Se	Total Metals Ag As Ba Cd Cr Pb Hg Se	TCLP Volatiles	TCLP Semi Volatiles	TDS	RCI
	MW 1	2	V	X					X		X			5-19	0945	X							
	MW 2														0925								
	MW 4														1005								
	MW 5														0911								

ANALYSIS REQUEST

Relinquished by:	Date:	Times:	Received by:
Simon Cook	5-19-00	1400	
Relinquished by:	Date:	Times:	Received by:
	22 MAY 00	1114	
Relinquished by:	Date:	Times:	Received by Laboratory:

REMARKS

MAIL RESULTS: K. DUTTON

Rec 56°F

INVOICE: EOT 1015M

ENVIRONMENTAL LAB OF , INC.

"Don't Treat Your Soil Like Dirt!"

ENVIRONMENTAL TECHNOLOGY GROUP, INC.
ATTN: BETH ALDRICH
P.O. BOX 4845
MIDLAND, TEXAS 79704
FAX: 915-520-4310

SampleType: Water
Sample Condition: Intact/ Iced/ HCl/ 30 deg. F
Project #: EOT 2068C
Project Name: TNM 98-02
Project Location: Monument, N.M.

Sampling Date: 08/30/00
Receiving Date: 09/01/00
Analysis Date: 09/05/00

ELT#	FIELD CODE	BENZENE mg/L	TOLUENE mg/L	ETHYLBENZENE mg/L	m,p-XYLENE mg/L	o-XYLENE mg/L	TOTAL BTEX mg/L
30311	MW 1	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
% IA		103	100	103	106	99	
% EA		104	104	106	110	102	
BLANK		<0.001	<0.001	<0.001	<0.001	<0.001	

METHODS: SW 846-8021B,5030

Raland K. Tuttle

9-12-00
Date

ENVIRONMENTAL LAB OF , INC.

"Don't Treat Your Soil Like Dirt!"

ENVIRONMENTAL TECHNOLOGY GROUP, INC.
ATTN: BETH ALDRICH
P.O. BOX 4845
MIDLAND, TEXAS 79704
FAX: 915-520-4310

SampleType: Water
Sample Condition: Intact/ Iced/ HCl/ 30 deg. F
Project #: EOT 2068C
Project Name: TNM 98-02
Project Location: Monument, N.M.

Sampling Date: 08/30/00
Receiving Date: 09/01/00
Analysis Date: 09/06/00

ELT#	FIELD CODE	BENZENE mg/L	TOLUENE mg/L	ETHYLBENZENE mg/L	m,p-XYLENE mg/L	o-XYLENE mg/L	TOTAL BTEX mg/L
30312	MW 2	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
30313	MW 4	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
30314	MW 5	0.002	<0.001	<0.001	<0.001	<0.001	0.002
30315	EB 1	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
% IA		96	94	96	98	92	
% EA		95	94	95	95	91	
BLANK		<0.001	<0.001	<0.001	<0.001	<0.001	

METHODS: SW 846-8021B,5030

Raland K. Tuttle

9-12-00
Date

Environmental Technology Group, Inc
Environmental Consulting & Remediation Services

For Use On **EOTT ENERGY CORP.** Projects Only

4600 West Wall
Midland, TX 79703
Tel (915) 522-1139
Fax (915) 520-4310

2540 West Marland
Hobbs, NM 88242
Tel (505) 397-4882
Fax (505) 397-4701

EOTT ENERGY CORP.
5805 East Business 20
Midland, TX 79702
Tel (915) 687-3400
Fax (915) 582-2781

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

ANALYSIS REQUEST
(Circle or Specify Method No.)
COC 216

Project Manager: BETH ALDRICH

Project Name: TNM 98-02

Project Number: EOT 2068C

Project Location: MONUMENT NM

Sampler Signature: [signature]

LAB # (Lab Use Only)	FIELD CODE	# CONTAINERS	Volume/Amount	MATRIX: WATER	SOIL	AIR	SLUDGE	PRESERVATION METHOD: HCL	HNO_3	$NaHSO_4$	ICE	NONE	SAMPLING: DATE	TIME	BTEX 8021B/	TPH 418.1/TX 1005	TPH 8015M GRO/DRO	PAH 8270C (8100 New Mexico only)	Total Metals Ag As Ba Cd Cr Pb Se Hg 6010B/7470	TCLP Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Volatiles	TCLP Semi Volatiles	Volatiles 8260B	Semi Volatiles 8270C	TDS 160.1	Calions/Anions 375.4/325.3
	MW 1	2	V	X				X			X		8-30	1445	X											
	MW 2													1455												
	MW 4													1415												
	MW 5													1405												
	EB 1													1570												

Relinquished by: [signature] Date: 9-1-00 Time: 1400

Received by: Date: Time:

Relinquished by: [signature] Date: 9-1-00 Time: 1700

Received at Lab by: [signature] Date: 9.1.00 Time: 1705

REMARKS:
FAX RESULTS: HOBBS OFFICE
MAIL RESULTS: EOTT
INVOICE: EOTT

3 of 3

ENVIRONMENTAL LAB OF , INC.

"Don't Treat Your Soil Like Dirt!"

ENVIRONMENTAL TECHNOLOGY GROUP, INC.
ATTN: BETH ALDRICH
P.O. BOX 4845
MIDLAND, TEXAS 79704
FAX: 915-520-4310

Sample Type: Water
Sample Condition: Intact/ Iced/ HCl/ -2.5 deg. C
Project #: EOT 2068C
Project Name: TNM 98-02
Project Location: Monument, N.M.

Sampling Date: 12/13/00
Receiving Date: 12/16/00
Analysis Date: 12/20/00

ELT#	FIELD CODE	BENZENE mg/L	TOLUENE mg/L	ETHYLBENZENE mg/L	m,p-XYLENE mg/L	o-XYLENE mg/L
35365	MW 1	<0.001	<0.001	<0.001	<0.001	<0.001
35366	MW 2	<0.001	<0.001	<0.001	<0.001	<0.001
35367	MW 4	<0.001	<0.001	<0.001	<0.001	<0.001
35368	MW 5	0.002	<0.001	<0.001	<0.001	<0.001
35369	EB 1	<0.001	<0.001	<0.001	<0.001	<0.001
%IA		87	88	93	94	89
%EA		87	86	85	86	85
BLANK		<0.001	<0.001	<0.001	<0.001	<0.001

METHODS: EPA SW 846-8021B ,5030

Celey D. Keene

Celey D. Keene

12/21/00

Date

COC 297 Page of

Environmental Technology Group, Inc

For Use On **EOTT ENERGY CORP.** Projects Only

4600 West Wall, Midland, TX 79703, Tel (915) 522-1139, Fax (915) 520-4310
2540 West Marland, Hobbs, NM 88242, Tel (505) 397-4882, Fax (505) 397-4701
EOTT ENERGY CORP, East Business 20, TX 79702, (915) 687-3400, (915) 582-2781
5805 Midland, Tel Fax

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

ANALYSIS REQUEST
(Circle or Specify Method No.)

Project Manager: BETH ALDRICH
EOTT Leak Number:
Project Name: TNM 98-02
ETGI Project Number: EOT 2068C
Project Location: MONUMENT NM
Sampler Signature: Simon Casas

LAB # (Lab Use Only)	FIELD CODE	# CONTAINERS	Volume/Amount	MATRIX: WATER	SOIL	AIR	SLUDGE	PRESERVATION METHOD: HCL	HNO_3	$NaHSO_4$	ICE	NONE	SAMPLING: DATE	TIME	BTEX 8021B/5030	TPH 418.1/TX 1005	TPH 8015M GRO/DRO	PAH 8270C (8100 New Mexico only)	Total Metals Ag As Ba Cd Cr Pb Se Hg 6010B/7470	TCLP Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Volatiles	TCLP Semi Volatiles	Volatiles 8260B	Semi Volatiles 8270C	TDS 160.1	Cations/Anions 375.4/325.3
35365	MW 1	2	✓	X				X			X		12-13	1630	X											
35366	MW 2													1558												
35367	MW 4													1700												
35368	MW 5													1536												
35369	EB 1													1715												

Relinquished by:	Date:	Time:	Received by:	Date:	Time:
Simon Casas	12-15-00	1000	Doug Dale	12-15-00	1000
Relinquished by:	Date:	Time:	Received at Lab by:	Date:	Time:
Doug Dale	12-16-00	11:30	[illegible]	12-16-00	1130

REMARKS:
FAX RESULTS! HOBBS Rec - 2.5°C
MAIL RESULTS! EOTT
INVOICE! EOTT

ANNUAL MONITORING REPORT

EOTT PIPELINE COMPANY
TNM 98-02
LEA COUNTY, NEW MEXICO

PREPARED FOR:

EOTT PIPELINE COMPANY
P. O. BOX
MIDLAND, TEXAS 79704

Ms. Lennah Frost

PREPARED BY:

ENVIRONMENTAL TECHNOLOGY GROUP, INC.
4600 WEST WALL STREET
MIDLAND, TEXAS 79704

March 2000

TABLE OF CONTENTS

INTRODUCTION

Environmental Technology Group, Inc. (ETGI), on behalf of EOTT Energy Corp. (EOTT), prepared this annual report in compliance with the New Mexico Oil Conservation Division (OCD) letter of May 1998, requiring submittal of an annual report by April 1 of each year. The report presents the results of the quarterly ground water monitoring events only. For reference, a site location map is provided as Figure 1.

Ground water monitoring was conducted during four quarterly events in 1999 to assess the levels and extent of dissolved phase and free phase petroleum hydrocarbon constituents. The groundwater monitoring events consisted of measuring static water levels in the monitoring wells, checking for the presence of phase-separated hydrocarbons (PSH), and purging and sampling of each well exhibiting sufficient recharge. Monitoring wells containing measurable levels of PSH were not sampled.

FIELD ACTIVITIES

The site monitoring wells were gauged and sampled on March 4, May 13, August 25, and November 30, 1999. During each sampling event, the monitoring wells, designated to be sampled, were purged of approximately 3 well volumes of water or until the wells were dry using a PVC bailer or electrical Grundfos Pump. Groundwater was allowed to recharge and samples were obtained using disposable Teflon samplers. Monitoring wells with a measurable presence of PSH were not sampled. Water samples were stored in clean, glass containers provided by the laboratory and placed on ice in the field. Purge water was collected in a polystyrene tank and disposed of by Pate Trucking, Hobbs, New Mexico, utilizing a licensed disposal facility (OCD AO SWD-730).

GROUNDWATER GRADIENT

Locations of the monitoring wells and the inferred ground water gradient, as measured on November 30, 1999, are depicted on Figure 2. The ground water elevation data are provided as Table 1. Groundwater elevation contours, generated from the final quarterly event of 1999 water level measurements, indicated a general gradient of approximately 0.008 ft/ft to the southwest. The depth to groundwater, as measured from the top of the well casing, ranged between 29.34 to 31.79 feet for the shallow alluvial aquifer. There was no PSH detected in the monitoring well.

LABORATORY RESULTS

Ground water samples obtained during the first and second sampling events were mailed to Xenco Laboratories in San Antonio, Texas. Ground water samples collected during the third and fourth event were hand delivered to Environmental Laboratory of Texas, Midland, Texas for determination of benzene, toluene, ethyl benzene and total xylenes (BTEX) concentrations by EPA Method SW846-8020 and 8021B. The ground water chemistry data are provided as Table 2 and the Laboratory Reports are provided as Appendix A.

Laboratory results for all of the site ground water samples, obtained during the 1999 annual period, indicated that BTEX concentrations were below detection limits for samples collected from MW-1, MW-2, MW-4, and MW-5 during the first sampling event. Subsequently, BTEX concentrations in samples collected from monitoring wells MW-1, MW-2 and MW-4 remained below detection limits, while the samples from monitoring well MW-5 ranged from 0.005 ml/L to 0.029 ml/L BTEX during the remaining sampling events.

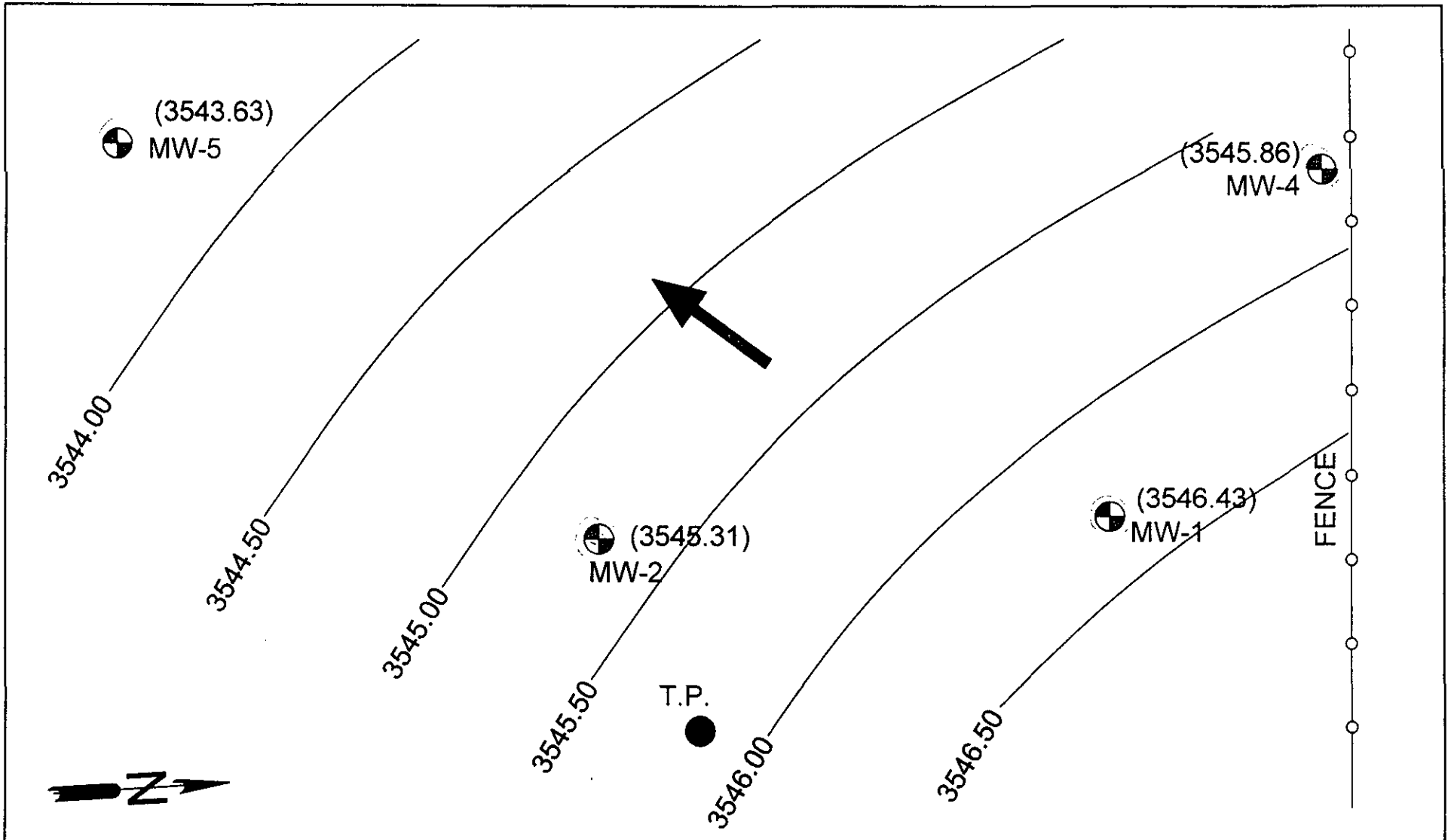
SUMMARY

This report presents the results of monitoring activities for the annual monitoring period of calendar year 1999. No PSH was detected in the site well during the four monitoring events.

Laboratory results for all of the site ground water samples, obtained during the 1999 annual period, indicated that BTEX concentrations were below detection limits for samples collected from MW-1, MW-2, MW-4, and MW-5 during the first sampling event. Subsequently, BTEX concentrations in samples collected from monitoring wells MW-1, MW-2 and MW-4 remained below detection limits, while the samples from monitoring well MW-5 ranged from 0.005 ml/L to 0.029 ml/L BTEX during the remaining sampling events.

FIGURES

FIGURE 1	Site Location Map	Environmental Technology Group, Inc.
Not To Scale	EOTT Energy Corp. TNM 98-02 Lea County NM	02 - 8 - 00 RS
		ETGI Project # EOT 1015C



LEGEND:

- Monitoring Well Locations
- Ground Water Contour Lines

Figure 2
Inferred Ground Water Contours 11/30/99

E.O.T.T. Energy
TNM 98-02
Lea County, NM

Environmental Technology Group, INC.

Scale: 1" = 50'	Prep By: RS	Checked By: JT
February 7, 2000	ETGI Project # EOT 1015C	

TABLES

TABLE 1
GROUNDWATER ELEVATION TABLE
TNM 98-02
LEA COUNTY, NM
ETGI PROJECT# EOT1015C

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW-1	03/04/99	3,575.77	-	29.41	0.00	3,546.36
MW-1	05/13/99	3,575.77	-	29.37	0.00	3,546.40
MW-1	08/25/99	3,575.77	-	29.34	0.00	3,546.43
MW-1	11/30/99	3,575.77	-	29.34	0.00	3,546.43
MW-2	03/04.99	3,575.48	-	30.38	0.00	3,545.10
MW-2	05/13/99	3,575.48	-	30.29	0.00	3,545.19
MW-2	08/25/99	3,575.48	-	30.41	0.00	3,545.07
MW-2	11/30/99	3,575.48	-	30.17	0.00	3,545.31
MW-4	03/04/99	3,576.88	-	31.05	0.00	3,545.83
MW-4	05/13/99	3,576.88	-	31.03	0.00	3,545.85
MW-4	08/25/99	3,576.88	-	31.32	0.00	3,545.56
MW-4	11/30/99	3,576.88	-	31.02	0.00	3,545.86
MW-5	03/04/99	3,574.77	-	31.79	0.00	3,542.98
MW-5	05/13/99	3,574.77	-	31.50	0.00	3,543.27
MW-5	08/25/99	3,574.77	-	31.07	0.00	3,543.70
MW-5	11/30/99	3,574.77	-	31.14	0.00	3,543.63

TABLE 2
GROUND WATER CHEMISTRY
TNM 98-02
LEA COUNTY, NEW MEXICO
ETGI PROJECT # EOT1015C

SAMPLE	SAMPLE DATE	BENZENE (mg/L)	TOLUENE (mg/L)	ETHYLBENZENE (mg/L)	mp-XYLENE (mg/L)	o-XYLENE (mg/L)
MW-1	03/04/99	<0.001	<0.001	<0.001	<0.002	<0.001
MW-1	05/13/99	<0.001	<0.001	<0.001	<0.002	<0.001
MW-1	08/25/99	<0.001	<0.001	<0.001	<0.001	<0.001
MW-1	11/29/99	<0.001	<0.001	<0.001	<0.001	<0.001
MW-2	03/04/99	<0.001	<0.001	<0.001	<0.002	<0.001
MW-2	05/13/99	<0.001	<0.001	<0.001	<0.002	<0.001
MW-2	08/25/99	<0.001	0.001	0.001	0.002	<0.001
MW-2	11/29/99	<0.001	<0.001	<0.001	<0.001	<0.001
MW-4	03/04/99	<0.001	<0.001	<0.001	<0.002	<0.001
MW-4	05/13/99	<0.001	<0.001	<0.001	<0.002	<0.001
MW-4	08/25/99	<0.001	0.002	0.002	0.004	0.002
MW-4	11/29/99	<0.001	<0.001	<0.001	<0.001	<0.001
MW-5	03/04/99	<0.001	<0.001	<0.001	<0.002	<0.001
MW-5	05/13/99	<0.001	<0.001	<0.001	<0.002	<0.001
MW-5	08-25-99	0.011	0.002	0.001	0.006	0.009
MW-5	11/29/99	0.003	0.002	<0.001	0.001	<0.001

Methods: EPA SW 846-8020, 5030

APPENDIX A

XENCO Laboratories
11381 Meadowglen Suite L
Houston, Texas 77082-2647
(281) 589-0692 Fax: (281) 589-0695
Houston - Dallas - San Antonio - Latin America

March 10, 1999

Project Manager: S. Grover/ T. Nix
KEI Consultants, Inc.
5309 Wurzbach Rd. Suite 100
San Antonio, TX 78238

Reference: **XENCO Report No.: -90927**
Project Name: TNMPL
Project ID: 810044-1-0
Project Address: Monument, NM

Dear S. Grover/ T. Nix:

We are reporting to you the results of the analyses performed on the samples received under the project name referenced above and identified with XENCO Chain of Custody Number -90927.r All results being reported to you apply only to the samples analyzed, properly identified with a Laboratory ID number. This letter documents the official transmission of the contents of the report and validates the information contained within.

All the results for the quality control samples passed thorough examination. Also, all parameters for data reduction and validation checked satisfactorily. In view of this, we are able to release the analytical data for this report within acceptance criteria for accuracy, precision, completeness or properly flagged.

The validity and integrity of this report will remain intact as long as it is accompanied by this letter and reproduced in full, unless written approval is granted by XENCO Laboratories. This report will be filed for at least 3 years in our archives and after that time it will be destroyed without further notice, unless otherwise arranged with you. The samples received, and described as recorded in COC No. -90927r will be filed for 60 days, and after that time they will be properly disposed of without further notice, unless otherwise arranged with you. We reserve the right to return to you any unused samples, extracts or solutions related to them if we consider so necessary (e.g., samples identified as hazardous waste, sample sizes exceeding analytical standard practices, controlled substances under regulated protocols, etc).

XENCO operates under the A2LA guidelines. Our Quality System meets ISO/IEC Guide 25 requirements which is strictly implemented and enforced through our standard QA/QC procedures.

We thank you for selecting XENCO Laboratories to serve your analytical needs. If you have any questions concerning this report, please feel free to contact us at any time.

Sincerely,

Eddie L. Clemons, II
QA/QC Manager

Laboratories

ANALYTICAL CHAIN OF CUSTODY REPORT
CHRONOLOGY OF SAMPLES

KEI Consultants, Inc.

Project ID: 810044-1-0
Project Manager: S. Grover/ T. Nix
Project Location: Monument, NM

Project Name: TNMPL

XENCO COC#: -90927
Date Received in Lab: Mar 5, 1999 09:55 by JO
XENCO contact : Carlos Castro/Karen Olson

	Field ID	Lab. ID	Method Name	Method ID	Units	Turn Around	Date and Time: Sample Collected	Date and Time: Addition Requested	Date and Time: Extraction	Date and Time: Analysis
1	MW-1	90927-001	BTEX	SW-846	ppm	7 days	Mar 4, 1999		Mar 9, 1999 by HL	Mar 9, 1999 20:10 by HL
2	MW-2	90927-002	BTEX	SW-846	ppm	7 days	Mar 4, 1999		Mar 9, 1999 by HL	Mar 9, 1999 18:42 by HL
3	MW-4	90927-003	BTEX	SW-846	ppm	7 days	Mar 4, 1999		Mar 9, 1999 by HL	Mar 9, 1999 19:52 by HL
4	MW-5	90927-004	BTEX	SW-846	ppm	7 days	Mar 4, 1999		Mar 9, 1999 by HL	Mar 9, 1999 19:35 by HL

XENCO Laboratories

CERTIFICATE OF ANALYSIS SUMMARY -90927

KEI Consultants, Inc.

Project Name: TNMPL

Project ID: 810044-1-0
Project Manager: S. Grover/ T. Nix
Project Location: Monument, NM

Date Received in Lab : Mar 5, 1999 09:55
Date Report Faxed: Mar 10, 1999
XENCO contact : Carlos Castro/Karen Olson

Analysis Requested	*Lab ID:*	90927 001		90927 002		90927 003		90927 004	
	Field ID:	MW-1		MW-2		MW-4		MW-5	
	Depth:								
	Matrix:	Liquid		Liquid		Liquid		Liquid	
	Sampled:	03/04/99		03/04/99		03/04/99		03/04/99	
BTEX	*Analyzed:*	03/09/99	R.L.	03/09/99	R.L.	03/09/99	R.L.	03/09/99	R.L.
EPA 8021B	*Units:*	ppm		ppm		ppm		ppm	
Benzene		< 0.001	(0.001)	< 0.001	(0.001)	< 0.001	(0.001)	< 0.001	(0.001)
Toluene		< 0.001	(0.001)	< 0.001	(0.001)	< 0.001	(0.001)	< 0.001	(0.001)
Ethylbenzene		< 0.001	(0.001)	< 0.001	(0.001)	< 0.001	(0.001)	< 0.001	(0.001)
m,p-Xylene		< 0.002	(0.002)	< 0.002	(0.002)	< 0.002	(0.002)	< 0.002	(0.002)
o-Xylene		< 0.001	(0.001)	< 0.001	(0.001)	< 0.001	(0.001)	< 0.001	(0.001)
Total BTEX		N.D.		N.D.		N.D.		N.D.	

Eddie L. Clemons, II
QA/QC Manager

XENCO Laboratories

Certificate Of Quality Control for Batch : 19A25B12

SW- 846 5030/8021B BTEX

Date Validated: Mar 10, 1999 13:00
Date Analyzed: Mar 9, 1999 13:22

Analyst: HL
Matrix: Liquid

	BLANK SPIKE / BLANK SPIKE DUPLICATE AND RECOVERY										
Parameter	[A] Blank Result ppm	[B] Blank Spike Result ppm	[C] Blank Spike Duplicate Result ppm	[D] Blank Spike Amount ppm	[E] Detection Limit ppm	Blank Limit Relative Difference %	[F] QC Spike Relative Difference %	[G] QC Blank Spike Recovery %	[H] QC B.S.D. Recovery %	[I] Blank Spike Recovery Range %	[J] Qualifier
Benzene	< 0.0010	0.1010	0.1010	0.1000	0.0010	20.0	0.0	100.9	100.9	65-135	
Toluene	< 0.0010	0.0969	0.0923	0.1000	0.0010	20.0	4.9	96.9	92.3	65-135	
Ethylbenzene	< 0.0010	0.0961	0.0936	0.1000	0.0010	20.0	2.6	96.1	93.6	65-135	
m,p-Xylene	< 0.0020	0.1960	0.1930	0.2000	0.0020	20.0	1.5	98.0	96.5	65-135	
o-Xylene	< 0.0010	0.0957	0.0941	0.1000	0.0010	20.0	1.7	95.7	94.1	65-135	

Spike Relative Difference [F] = 200*(B-C)/(B+C)
Blank Spike Recovery [G] = 100*(B-A)/[D]
B.S.D. = Blank Spike Duplicate
B.S.D. Recovery [H] = 100*(C-A)/[D]
N.D. = Below detection limit or not detected
All results are based on MDL and validated for QC purposes

Eddie L. Clemons, II
QA/QC Manager

XENCO Laboratories

Certificate Of Quality Control for Batch : 19A25B12

SW- 846 5030/8021B BTEX

Date Validated: Mar 10, 1999 13:00
Date Analyzed: Mar 9, 1999 18:42

Analyst: HL
Matrix: Liquid

	MATRIX SPIKE / MATRIX SPIKE DUPLICATE AND RECOVERY										
Q.C. Sample ID 90927- 002	[A] Sample Result	[B] Matrix Spike Result	[C] Matrix Spike Duplicate Result	[D] Matrix Spike Amount	[E] Detection Limit	Matrix Limit Relative Difference	[F] QC Spike Relative Difference	[G] QC Matrix Spike Recovery	[H] QC M.S.D. Recovery	[I] Matrix Spike Recovery Range	[J] Qualifier
Parameter	ppm	ppm	ppm	ppm	ppm	%	%	%	%	%	
Benzene	< 0.0010	0.1130	0.1020	0.1000	0.0010	20.0	10.2	113.0	102.0	65-135	
Toluene	< 0.0010	0.1060	0.0943	0.1000	0.0010	20.0	11.7	106.0	94.3	65-135	
Ethylbenzene	< 0.0010	0.1080	0.0953	0.1000	0.0010	20.0	12.5	108.0	95.3	65-135	
m,p-Xylene	< 0.0020	0.2240	0.1970	0.2000	0.0020	20.0	12.8	112.0	98.5	65-135	
o-Xylene	< 0.0010	0.1100	0.0969	0.1000	0.0010	20.0	12.7	110.0	96.9	65-135	

Spike Relative Difference [F] = 200*(B-C)/(B+C)
Matrix Spike Recovery [G] = 100*(B-A)/[D]
M.S.D. = Matrix Spike Duplicate
M.S.D. Recovery [H] = 100*(C-A)/[D]
N.D. = Below detection limit or not detected
All results are based on MDL and validated for QC purposes

Eddie L. Clemons, II
QA/QC Manager

XENCO Laboratories

☐ 11381 Meadowglen, Suite L, Houston TX 77082 281-589-0692
☒ 5309 Wurzbach Road, Suite 104, San Antonio, TX 78238 210-509-3334
☐ 11078 Morrison Road, Suite D, Dallas, TX 75229 972-481-9999

ANALYSIS REQUEST CHAIN CUS RE D

On-LINE Help & Technical Services at XENCO.com

Company COC No: 273

Work Order No: 810044-1-Φ Page 1 of 1

Company	KEJ
Phone	(210) 680-3767
Project Name	TNHPL
☒ Previously done at XENCO	
Project ID	810044-1-Φ
Location	MONUMENT NM
Project Manager (PM)	S GROVER / T. NIX
Project Director (PD)	M. HAWTHORNE
Fax Results to ☒ PM and / or	(210) 680-3763 / (512) 364-3556
Fax	
Invoice to ☐ Accounting ☐ Include Invoice with Final Report Attn PM ☐ Invoice must have a P.O Bill to:	810044-1-Φ
Quote No.	P.O No ☐ Call for a P.O.
Special DLs (RR I RR II DW QAPP See Lab PM Call Proj. PM)	
Specifications	
Sampler Name	Ken Sutton
Signature	

Lab Only: 90927-SA

TAT: 5h 12h 20h 24h 48h 3d 5d 7d 14d 21d Standard TAT is 10 Working Days unless otherwise agreed in writing. But often reported in 5-7 Working Days

Remarks: QUESTIONS: S. GROVER OR T. NIX @ 680-3767

Lab Only Additions: From: / Rcv by: / Date

	Sample ID	Sampling Date	Time	Depth ft' in" m	Matrix A P S (W)	Composite	Grab	# Containers	Container Size	Type	Preservatives	BTEX by 8021
1	MW-1	3/4/99			W		X	2	V	G A	HCl	X
2	MW-2											
3	MW-4											
4	MW-5											
5												
6												
7												
8												
9												
10												

Other: 624 602 8260 8021 BTEX by 8021 | 624 602 8260 8021 BTEX-MTBE by 8020 | 624 Other 8015Jetf 8015DRO 8015GRO 418.1 TPH by TX1005 | 8310 8100 PAHs by 8270 | TCLP8 13PP 23TAL Tot Pb 8RCRA METALS by 6010 | See List Call PM 624 BTEX MTBE PPs TCL VOAs by 8260 | See List Call PM 625 PAHs BN&A TCL PPs SVOAs by 8270

TAT 5h 12h 20h 24h 48h 3d 5d 7d 10d 14d 21d | Addn: PAH above mg/L W. mg/Kg S Highest Hit | Hold Analysis

UPS N235 4304 11 9 EXPORT 2

Relinquished by (Initials and Signature)	Relinquished to (Initials and Signature)	Date & Time
1 KD / Ken Sutton		4 MAR 99 / 1545
2		via U.P.S.
3	Lab: Johnny Ortiz	5 Mar. 99 9:55

Total Containers per COC: 8

Rush TATs Fax Due: Final Fax Due:

Final Report Data Package Due Date:

Rush Charges are Pre-Approved upon Requesting them. All Terms Apply

Preservatives - Various (V), HCl pH<2 (H), H2SO4 pH<2 (S), HNO4 pH<2 (N), NaOH+Asbc Acid (NAA), ZnAc+NaOH (ZA), (Cool,<4C) (C4), None (N), See Label (SL), Other (O) _____

SIZE: 4oz (4), 8oz (8), 32oz (32), 40ml VOA (V), 1L (1), 500ml (.5), Ziplock Bag (B), Wipe (W), Other _____ **TYPE** Glass Amb (GA), Glass Clear (GC), Plastic (P), Other (O) _____

11381 Meadowglen Suite L
Houston, Texas 77082-2647
(281) 589-0692 Fax: (281) 589-0695
Houston - Dallas - San Antonio - Latin America

May 20, 1999

Project Manager: Stan Grover
KEI Consultants, Ltd.
5309 Wurzbach Rd. Suite 100
San Antonio, TX 78238

Reference: **XENCO Report No.: -91942**
Project Name: EOTT
Project ID: 810044-1-0
Project Address: Lea County, NM

Dear Stan Grover:

We are reporting to you the results of the analyses performed on the samples received under the project name referenced above and identified with XENCO Chain of Custody Number -91942.v All results being reported to you apply only to the samples analyzed, properly identified with a Laboratory ID number. This letter documents the official transmission of the contents of the report and validates the information contained within.

All the results for the quality control samples passed thorough examination. Also, all parameters for data reduction and validation checked satisfactorily. In view of this, we are able to release the analytical data for this report within acceptance criteria for accuracy, precision, completeness or properly flagged.

The validity and integrity of this report will remain intact as long as it is accompanied by this letter and reproduced in full, unless written approval is granted by XENCO Laboratories. This report will be filed for at least 3 years in our archives and after that time it will be destroyed without further notice, unless otherwise arranged with you. The samples received, and described as recorded in COC No. -91942v will be filed for 60 days, and after that time they will be properly disposed of without further notice, unless otherwise arranged with you. We reserve the right to return to you any unused samples, extracts or solutions related to them if we consider so necessary (e.g., samples identified as hazardous waste, sample sizes exceeding analytical standard practices, controlled substances under regulated protocols, etc).

XENCO operates under the A2LA guidelines. Our Quality System meets ISO/IEC Guide 25 requirements which is strictly implemented and enforced through our standard QA/QC procedures.

We thank you for selecting XENCO Laboratories to serve your analytical needs. If you have any questions concerning this report, please feel free to contact us at any time.

Sincerely,

Eddie L. Clemons, II
QA/QC Manager

ANALYTICAL CHAIN C CUSTODY REPORT
CHRONOLOGY OF SAMPLES

KEI Consultants, Ltd.

Project ID: *810044-1-0*
Project Manager: *Stan Grover*
Project Location: *Lea County, NM*

Project Name: EOTT

XENCO COC#: -91942
Date Received in Lab: *May 14, 1999 09:45 by JO*
XENCO contact : *Carlos Castro/Debbie Simmons*

	Field ID	Lab. ID	Method Name	Method ID	Units	Turn Around	Date and Time: Sample Collected	Addition Requested	Extraction	Analysis
1	MW-1	91942-001	BTEX	SW-846	ppm	7 days	May 13, 1999 15:00		May 18, 1999 by MGC	May 18, 1999 22:16 by MGC
2	MW-2	91942-002	BTEX	SW-846	ppm	7 days	May 13, 1999 14:30		May 18, 1999 by MGC	May 18, 1999 22:38 by MGC
3	MW-4	91942-003	BTEX	SW-846	ppm	7 days	May 13, 1999 15:30		May 18, 1999 by MGC	May 18, 1999 23:01 by MGC
4	MW-5	91942-004	BTEX	SW-846	ppm	7 days	May 13, 1999 13:45		May 18, 1999 by MGC	May 18, 1999 23:23 by MGC

XENCO Laboratories

CERTIFICATE OF ANALYSIS SUMMARY -91942

KEI Consultants, Ltd.

Project Name: EOTT

Project ID: *810044-1-0*
Project Manager: *Stan Grover*
Project Location: *Lea County, NM*

Date Received in Lab : *May 14, 1999 09:45*
Date Report Faxed: *May 20, 1999*
XENCO contact : *Carlos Castro/Debbie Simmons*

Analysis Requested	Lab ID: / Field ID: / Depth: / Matrix: / Sampled:	91942 001 MW-1 Liquid 05/13/99 15:00	91942 002 MW-2 Liquid 05/13/99 14:30	91942 003 MW-4 Liquid 05/13/99 15:30	91942 004 MW-5 Liquid 05/13/99 13:45
BTEX EPA 8021B	Analyzed:	05/18/99	05/18/99	05/18/99	05/18/99
	Units:	ppm R.L.	ppm R.L.	ppm R.L.	ppm R.L.
Benzene		< 0.001 (0.001)	< 0.001 (0.001)	< 0.001 (0.001)	0.005 (0.001)
Toluene		< 0.001 (0.001)	< 0.001 (0.001)	< 0.001 (0.001)	< 0.001 (0.001)
Ethylbenzene		< 0.001 (0.001)	< 0.001 (0.001)	< 0.001 (0.001)	< 0.001 (0.001)
m,p-Xylene		< 0.002 (0.002)	< 0.002 (0.002)	< 0.002 (0.002)	< 0.002 (0.002)
o-Xylene		< 0.001 (0.001)	< 0.001 (0.001)	< 0.001 (0.001)	< 0.001 (0.001)
Total BTEX		N.D.	N.D.	N.D.	0.005

Eddie L. Clemons, II
QA/QC Manager

XENCO Laboratories

Certificate Of Quality Control for Batch : 19A03C13

SW- 846 5030/8021B BTEX

Date Validated: May 19, 1999 15:10

Date Analyzed: May 18, 1999 21:08

Analyst: MGC

Matrix: Liquid

BLANK SPIKE / BLANK SPIKE DUPLICATE AND RECOVERY

Parameter	[A] Blank Result ppm	[B] Blank Spike Result ppm	[C] Blank Spike Duplicate Result ppm	[D] Blank Spike Amount ppm	[E] Detection Limit ppm	Blank Limit Relative Difference %	[F] QC Spike Relative Difference %	[G] QC Blank Spike Recovery %	[H] QC B.S.D. Recovery %	[I] Blank Spike Recovery Range %	[J] Qualifier
Benzene	< 0.0010	0.0954	0.0932	0.1000	0.0010	20.0	2.3	95.4	93.2	65-135	
Toluene	< 0.0010	0.0936	0.0916	0.1000	0.0010	20.0	2.2	93.6	91.6	65-135	
Ethylbenzene	< 0.0010	0.1013	0.0996	0.1000	0.0010	20.0	1.7	101.2	99.6	65-135	
m,p-Xylene	< 0.0020	0.1918	0.1888	0.2000	0.0020	20.0	1.6	95.9	94.4	65-135	
o-Xylene	< 0.0010	0.0907	0.0893	0.1000	0.0010	20.0	1.6	90.7	89.3	65-135	

Spike Relative Difference [F] = 200*(B-C)/(B+C)
Blank Spike Recovery [G] = 100*(B-A)/[D]
B.S.D. = Blank Spike Duplicate
B.S.D. Recovery [H] = 100*(C-A)/[D]
N.D. = Below detection limit or not detected
All results are based on MDL and validated for QC purposes

Eddie L. Clemons, II
QA/QC Manager

XENCO Laboratories

☐ 11381 Meadowglen, Suite L, Houston TX 77082 281-589-0692
☒ 5309 Wurzbach Road, Suite 104, San Antonio, TX 78238 210-509-3334
☐ 11078 Morrison Road, Suite D, Dallas, TX 75229 972-481-9999

ANALYSIS REQUEST & CHAIN OF CUSTODY RECORD

On-LINE Help & Technical Services at XENCO.com

608

Company COC No: 339 Work Order No: Page 1 of 1

Company	KEI	Phone	(210) 680-3767
Project Name	☒ Previously done at XENCO EOTT	Project ID	(810044-1-0)
Location	LEA COUNTY NM		
Project Manager (PM)	S GROVER	Project Director (PD)	M HAWTHORNE
Fax Results to	☒ PM and/or	Fax	(210) 680-3763

Invoice to ☐ Accounting ☒ Include Invoice with Final Report Attn PM ☐ Invoice must have a P.O Bill to:

Quote No. P.O No ☒ Call for a P.O.

Special DLs (RRT RRP DW OAPP See Lab PM Call Proj. PM)

Specifications

Sampler Name: Ken Dutton Signature:

Lab Only: 91942 -SA

TAT: 5h 12h 20h 24h 48h 3d 5d 7d 14d 21d Standard TAT is 10 Working Days unless otherwise agreed in writing. But often reported in 5-7 Working Days

Lab Only Additions: From: Rcv by: Date

	Sample ID	Sampling Date	Time	Depth ft / in / m	Matrix A P S W	Composite	Grab	Containers	Container Size	Type	Preservatives	BTEX by 8020	BTEX-MTBE by 8020	TPH by TX1005	PAHs by 8270	METALS by 6010 8RCRA Tot Pb	VOAs by 8260 624	SVOAs by 8270 625 PAHs	TAT 5h 12h 20h 24h 48h 3d 5d 7d 14d 21d	Addn: PAH above	Hold Analysis
1	MW-1	5/13/99	1500		W		X	2+	V	GA	C4	X									
2	MW-2		1430																		
3	MW-4		1530																		
4	MW-5		1345																		
5																					
6																					
7																					
8																					
9																					
10																					

Other: 624 602 8021 8260 | Other: 624 602 8021 8260 | Other: 624 602 8021 8260 8015GRO 8015DRO 8015Jet:F | See List: TCLP8 13PP 23TAL | Call PM: See List TCL PPs BN&A TCL PPs See List Call PM | 10d 14d 21d | mg/Kg S mg/L W. | Highest Hit

Remarks: QUESTION S GROVER (210) 680-3767

Relinquished by (Initials and Signature)	Relinquished to (Initials and Signature)	Date & Time
1 KD Ken Dutton		5/13/99 1615
2		
3	Lab: Johnny Ogra	May 14, 1999 9:45

Total Containers per COC: 8

Rush TATs Fax Due: Final Fax Due:

Final Report Data Package Due Date:

Rush Charges are Pre-Approved upon Requesting them. All Terms Apply

Preservatives - Various (V), HCl pH<2 (H), H2SO4 pH<2 (S), HNO4 pH<2 (N), NaOH Asbc Acid (NAA), Zn Ac NaOH (ZA), (Cool.<4C) (C4), None (N), See Label (SL), Other (O) _____

SIZE: 4oz (4), 8oz (8), 32oz (32), 40ml VOA (V), 1L (1), Quart (.5), Tedlar Bag (B), Wipe (W), Other _____ TYPE Glass Amb (GA), Glass Clear (GC), Plastic (P), Other (O) _____

GROUND WATER MONITORING AND SAMPLING DATA

JOB NO.: TNM 9802 FIELD TECHNICIAN: KD DATE: 25 Aug 99

WELL NO.	TIME WELL PURGED	TOTAL WELL DEPTH (feet) 1	DEPTH TO WATER (feet) 2	HEIGHT WATER COLUMN (feet) (1-2)=3	WELL FACTOR 2"=.16 4"=.65 6"=1.5 4	CALC. WELL VOLUME (gal) (3x4)=5	TOTAL WATER PURGED (gal) 6	ESTIMATED NO. WELL VOLUMES PURGED 6/5	1999 TIME SAMPLE TAKEN/DATE	DEPTH TO PSH (feet)	PSH THICKNESS (feet)	SAMPLE CHARACTERISTIC
MW-1	1345	35.12	29.34	5.78	.65	3.75	11.27	3.0	1415 8-25	0 15mV	PH 6.99 T 21.0	C 1528µS DO 2.56
CONDITION:		Cover:	Cap:	Casing:	Lock:	Manway/Pad:						
MW-2	1210	39.00	30.41	8.59	.16	1.37	4.12	3.0	1235 8-25	0 8mV	PH 7.06 T 21.9	C 1349µS DO 1.33
CONDITION:		Cover:	Cap:	Casing:	Lock:	Manway/Pad:						
MW-4	1250	35.95	31.32	4.63	.16	0.740	2.22	3.0	1220 8-25	0 53mV	PH 7.17 T 21.3	C 1876µS DO 2.41
CONDITION:		Cover:	Cap:	Casing:	Lock:	Manway/Pad:						
MW-5	1115	36.75	31.07	5.68	.16	0.908	2.72	3.0	1150 8-25	0 2mV	PH 7.03 T 19.9	C 1762µS DO 3.72
CONDITION:		Cover:	Cap:	Casing:	Lock:	Manway/Pad:						
CONDITION:		Cover:	Cap:	Casing:	Lock:	Manway/Pad:						
CONDITION:		Cover:	Cap:	Casing:	Lock:	Manway/Pad:						
CONDITION:		Cover:	Cap:	Casing:	Lock:	Manway/Pad:						
CONDITION:		Cover:	Cap:	Casing:	Lock:	Manway/Pad:						
CONDITION:		Cover:	Cap:	Casing:	Lock:	Manway/Pad:						

Total Removed: 20.33 gal.

COC: 009

DRUMS ON SITE:

CARBON DRUM TRAILER: (yes/no)

DISCHARGE SAMPLE (time/date):

pH:

COMMENTS:

ENVIRONMENTAL LAB OF , INC.

"Don't Treat Your Soil Like Dirt!"

ENVIRONMENTAL TECHNOLOGY GROUP, INC.
ATTN: MR. JESSE TAYLOR
P.O. BOX 4845
MIDLAND, TEXAS 79704
FAX: 915-520-4310

Sample Type: Water
Sample Condition: Intact/ Iced/HCl
Project #: TNM 98-02
Project Name: None Given
Project Location: Lea County, N.M.

Sampling Date: 08/25/99
Receiving Date: 08/27/99
Analysis Date: 08/27/99

ELT#	FIELD CODE	BENZENE (mg/L)	TOLUENE (mg/L)	ETHYLBENZENE (mg/L)	m,p-XYLENE (mg/L)	o-XYLENE (mg/L)
19604	MW-1	<0.001	<0.001	<0.001	<0.001	<0.001
19605	MW-2	<0.001	0.001	0.001	0.002	<0.001
19606	MW-4	<0.001	0.002	0.002	0.004	0.002
19607	MW-5	0.011	0.002	0.001	0.006	0.009
	% IA	97	92	93	91	92
	% EA	97	89	85	86	86
	BLANK	<0.001	<0.001	<0.001	<0.001	<0.001

METHODS: EPA SW 846-8020,5030

Raland K. Tuttle

9-2-99
Date

COC: 004

P 1 of 1

Environmental Lab of Texas, Inc.

12600 West I-20 East Odessa, Texas 79763
(915) 563-1800 FAX (915) 563-1713

CHAIN-OF-CUSTODY RECORD AND ANALYSIS REQUEST

Project Manager: JESSE TAYLOR

Phone #: (915) 664-9166

FAX #:

Company Name & Address: ETGI
PO Box 4845 MIDLAND, TX 79704

Project #: TNM 98-02

Project Name: —

Project Location: LEA COUNTY NM

Sampler Signature: Ken Dutton

LAB # (LAB USE ONLY)	FIELD CODE	# CONTAINERS	Volume/Amount	MATRIX: WATER	SOIL	AIR	SLUDGE	OTHER	PRESERVATIVE METHOD: HCL	HNO3	ICE	HONE	OTHER	SAMPLING: DATE	TIME	BTEX 8021B/5030	TPH 418.1	TCLP Metals Ag As Ba Cd Cr Pb Hg Se	Total Metals Ag As Ba Cd Cr Pb Hg Se	TCLP Volatiles	TCLP Semi Volatiles	TOS	RCI
19604	MW-1	2	V	X					X		X			8-25	1415	X							
19605	MW-2	2	V	X					X		X			8-25	1235	X							
19606	MW-4	2	V	X					X		X			8-25	1320	X							
19607	MW-5	2	V	X					X		X			8-25	1150	X							

Relinquished by:	Date:	Times:	Received by:
Ken Dutton	26 Aug 99	0845	
Relinquished by:	Date:	Times:	Received by:
Relinquished by:	Date: 8-26-99	Times:	Received by Laboratory:

REMARKS: MAIL RESULTS:
KEN DUTTON
1606 W. CALLE SUR, APT B
HOBBS NM 88240-9985

GROUND WATER MONITORING AND SAMPLING DATA

KEI JOB NO.: TNM 98-02 FIELD TECHNICIAN: SC/KW DATE: 11-30-99

WELL NO.	TIME WELL PURGED	TOTAL WELL DEPTH (feet) 1	DEPTH TO WATER (feet) 2	HEIGHT WATER COLUMN (feet) (1-2)=3	WELL FACTOR 2"=.16 4"=.65 6"=1.5 4	CALC. WELL VOLUME (gal) (3x4)=5	TOTAL WATER PURGED (gal) 6	ESTIMATED NO. WELL VOLUMES PURGED 6/5	1999 TIME SAMPLE TAKEN/DATE	DEPTH TO PSH (feet)	PSH THICKNESS (feet)	SAMPLE CHARACTERISTIC
MW1	1240	35.15	29.34	5.81	.65	3.77	11.32	3.0	11-30 1315			
CONDITION:	Cover:	Cap:	Casing:	Lock:	Manway/Pad:							
MW2	1230	39.00	30.17	8.83	.16	1.41	4.23	3.0	11-30 1322			
CONDITION:	Cover:	Cap:	Casing:	Lock:	Manway/Pad:							
MW4	1250	35.95	31.02	4.93	.16	0.78	2.36	3.0	11-30 1301			
CONDITION:	Cover:	Cap:	Casing:	Lock:	Manway/Pad:							
MW5	1220	36.80	31.14	5.66	.16	0.905	2.71	3.0	11-30 1330			
CONDITION:	Cover:	Cap:	Casing:	Lock:	Manway/Pad:							
CONDITION:	Cover:	Cap:	Casing:	Lock:	Manway/Pad:							
CONDITION:	Cover:	Cap:	Casing:	Lock:	Manway/Pad:							
CONDITION:	Cover:	Cap:	Casing:	Lock:	Manway/Pad:							
CONDITION:	Cover:	Cap:	Casing:	Lock:	Manway/Pad:							
CONDITION:	Cover:	Cap:	Casing:	Lock:	Manway/Pad:							

Total Removed: _____ gal.

DRUMS ON SITE: _____

CARBON DRUM TRAILER: (yes/no) _____

DISCHARGE SAMPLE (time/date): _____

pH: _____

COMMENTS: Myron 6P INOP

ENVIRONMENTAL
LAB OF , INC.
"Don't Treat Your Soil Like Dirt!"

ENVIRONMENTAL TECHNOLOGY GROUP, INC.
ATTN. MR. JESSE TAYLOR
P.O. BOX 4845
MIDLAND, TEXAS 79704
FAX: 505-392-3760

Sample Type: Water
Sample Condition: Intact/ Iced/HCl
Project #: TNM 98-02
Project Name: EOT 1015C
Project Location: Monument, N.M.

Sampling Date: 11/30/99
Receiving Date: 12/02/99
Analysis Date: 12/2 & 12/3/99

ELT#	FIELD CODE	BENZENE (mg/L)	TOLUENE (mg/L)	ETHYLBENZENE (mg/L)	m,p-XYLENE (mg/L)	o-XYLENE (mg/L)
21940	MW-1	<0.001	<0.001	<0.001	<0.001	<0.001
21941	MW-2	<0.001	<0.001	<0.001	<0.001	<0.001
21942	MW-4	<0.001	<0.001	<0.001	<0.001	<0.001
21943	MW-5	0.003	0.002	<0.001	0.001	<0.001
% IA		101	96	97	97	95
% EA		98	95	96	97	96
BLANK		<0.001	<0.001	<0.001	<0.001	<0.001

METHODS: EPA SW 846-8021B,5030

Roland K. Tuttle

12-6-99
Date

Environmental Lab of Texas, Inc.

12600 West I-20 East Odessa, Texas 79763
(915) 563-1800 FAX (915) 563-1713

CHAIN-OF-CUSTODY RECORD AND ANALYSIS REQUEST

046

Project Manager: Jesse Taylor
Phone #: (915) 684-9166
FAX #: (505) 392-3760

Company Name & Address: ETGI
P.O Box 4845 Midland TX 79704

Project Name: TNM 98-02
Project # EOT 10155

Project Location: Monument, NM
Sampler Signature: Lisa Casas

LAB # (LAB USE ONLY)	FIELD CODE	# CONTAINERS	Volume/Amount	MATRIX: WATER	SOIL	AIR	SLUDGE	OTHER	PRESERVATIVE METHOD: HCL	HNO3	ICE	NONE	OTHER	SAMPLING: DATE 1999	TIME	BTEX 8021B	TPH 418.1	TCLP Metals Ag As Ba Cd Cr Pb Hg Se	Total Metals Ag As Ba Cd Cr Pb Hg Se	TCLP Volatiles	TCLP Semi Volatiles	TDS	PCI
21940	MW 1	2	V	X					X		X			11-30	1315	X							
21941	MW 2	2													1322								
21942	MW 4	2													1301								
21943	MW 5	2	V	V					V		V			V	1330	V							

Relinquished by:	Date:	Time:	Received by:
Lisa Casas	12-2-99	0900	
Relinquished by:	Date:	Time:	Received by:
Relinquished by:	Date:	Time:	Received by Laboratory:
	12-2-99	1320	Monument

REMARKS: Mail Results Ken Dutton

Temp. Corrected Frost 10.5 °C

Environmental Lab of Texas, Inc.

12600 West I-20 East Odessa, Texas 79763
(915) 563-1800 FAX (915) 563-1713

CHAIN-OF-CUSTODY RECORD AND ANALYSIS REQUEST

046

Project Manager: Jesse Taylor

Phone #: (915) 664-9166

FAX #: (505) 392-3760

Company Name & Address: ETGE
P.O Box 4845 Midland TX 79704

Project#: NAME
TNM 98-02

Project ~~Name~~ #
EOT 1015C

Project Location: Monument, NM

Sampler Signature: Linda Casas

ANALYSIS REQUEST

LAB # (LAB USE ONLY)	FIELD CODE	# CONTAINERS	Volume/Amount	MATRIX: WATER	SOIL	AIR	SLUDGE	OTHER	PRESERVATIVE METHOD: HCL	HNO3	ICE	NONE	OTHER	SAMPLING: DATE	TIME	BTEX 8021B	TPH 418.1	TCLP Metals Ag As Ba Cd Cr Pb Hg Se	Total Metals Ag As Ba Cd Cr Pb Hg Se	TCLP Volatiles	TCLP Semi Volatiles	TDS	RCI
	MW 1	2	V	X					X		X			11-30-99	1315	X							
	MW 2	2	↓	↓					↓		↓			↓	1322	↓							
	MW 4	2													1301								
	MW 5	2	↓	↓					↓		↓			↓	1330	↓							

Relinquished by:	Date:	Times:	Received by:
Linda Casas	12-2-99	0900	
Relinquished by:	Date:	Times:	Received by:
Relinquished by:	Date:	Times:	Received by Laboratory:
	12-2-99	1320	

REMARKS: Mail Results Ken Dutton

Invoice LENNAH FROST 1015 MW

ENVIRONMENTAL LAB OF , INC.

"Don't Treat Your Soil Like Dirt!"

ENVIRONMENTAL TECHNOLOGY GROUP, INC.
ATTN: MR. JESSE TAYLOR
P.O. BOX 4845
MIDLAND, TEXAS 79704
FAX: 505-392-3760

Sample Type: Water
Sample Condition: Intact/ Iced/HCl
Project #: TNM 98-02
Project Name: EOT 1015C
Project Location: Monument, N.M.

Sampling Date: 11/30/99
Receiving Date: 12/02/99
Analysis Date: 12/2 & 12/3/99

ELT#	FIELD CODE	BENZENE (mg/L)	TOLUENE (mg/L)	ETHYLBENZENE (mg/L)	m,p-XYLENE (mg/L)	o-XYLENE (mg/L)
21940	MW-1	<0.001	<0.001	<0.001	<0.001	<0.001
21941	MW-2	<0.001	<0.001	<0.001	<0.001	<0.001
21942	MW-4	<0.001	<0.001	<0.001	<0.001	<0.001
21943	MW-5	0.003	0.002	<0.001	0.001	<0.001
% IA		101	96	97	97	95
% EA		96	95	96	97	96
BLANK		<0.001	<0.001	<0.001	<0.001	<0.001

METHODS: EPA SW 846-8021B,5030

Raland K. Tuttle

12-6-99
Date

Environmental Lab of Texas, Inc.

12600 West I-20 East Odessa, Texas 79763
(915) 563-1800 FAX (915) 563-1713

CHAIN-OF-CUSTODY RECORD AND ANALYSIS REQUEST

046

Project Manager: Jesse Taylor

Phone #: (915) 664-9166

FAX #: (505) 392-3760

Company Name & Address: ETGT
P.O. Box 4648 Midland TX 79704

Project NAME: TNM 98-02

Project #: EOT 1015C

Project Location: Monument, NM

Sampler Signature: Simon Casas

ANALYSIS REQUEST

LAB # (LAB USE ONLY)	FIELD CODE	# CONTAINERS	Volume/Amount	MATRIX: WATER	SOIL	AIR	SLUDGE	OTHER	PRESERVATIVE METHOD: HCL	HNO3	ICE	NONE	OTHER	SAMPLING: DATE	TIME	BTEX 8021/5030	TPH 418.1	TCLP Metals Ag As Ba Cd Cr Pb Hg Se	Total Metals Ag As Ba Cd Cr Pb Hg Se	TCLP Volatiles	TCLP Semi Volatiles	TDS	RCI
21940	MW 1	2	V	X					X		X			11-30	1315	X							
21941	MW 2	2													1322								
21942	MW 4	2													1301								
21943	MW 5	2	V	V					V		V			V	1330	V							

Relinquished by:	Date:	Times:	Received by:
Simon Casas	12-2-99	0900	
Relinquished by:	Date:	Times:	Received by:
Relinquished by:	Date:	Times:	Received by Laboratory:
	12-2-99	1320	

REMARKS: Mail Results to Ken Dutton

Invoice Lennah Frost 1015M