

AP - 013

**GENERAL
CORRESPONDENCE**

YEAR(S):
2000-1998



NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

GARY E. JOHNSON

Governor

Jennifer A. Salisbury

Cabinet Secretary

Lori Wrotenbery

Director

Oil Conservation Division

December 7, 2000

LB 11/8

CERTIFIED MAIL

RETURN RECEIPT NO: 5051-3921

Mr. Glen Waldrop
EOTT Energy Pipeline Limited Partnership
P.O. Box 1660
Midland, Texas 79702

RE: TNM-97-18 STAGE 1 GROUND WATER ABATEMENT PLAN (AP-13)

Dear Mr. Waldrop:

The New Mexico Oil Conservation Division (OCD) has reviewed the following EOTT Energy Pipeline Limited Partnership (EOTT) documents:

- October 4, 2000 "NOTICE OF PUBLICATION, GROUNDWATER ABATEMENT PLAN (AP-13), TNM-97-18 SITE, LEA COUNTY, NEW MEXICO" which was submitted on behalf of EOTT by their consultant Environmental Technology Group, Inc.
- June 27, 2000 "PETROLEUM RELEASE SITE TNM 97-18, SW1/4, NE1/4 SECTION 28, TOWNSHIP 20 SOUTH, RANGE 37 EAST, LEA COUNTY, ADDITIONAL INFORMATION REQUESTED FOR STAGE 1 ABATEMENT PLAN" which was submitted on behalf of EOTT by their consultant Environmental Technology Group, Inc.
- January 5, 2000 "STAGE 1 GROUND WATER ABATEMENT PLAN (AP-13), TNM-97-18 SITE".

These documents contain the results of EOTT's initial investigation of soil and ground water contamination resulting from a crude oil pipeline spill at EOTT's TNM-97-18 site located in Unit G, Section 28, Township 20 South, Range 37 East, NMPM, Lea County, New Mexico. The documents also contain EOTT's Stage 1 Abatement Plan Proposal to complete the definition of the extent of soil and ground water contamination at the site and proof of public notice of the Stage 1 Plan. The OCD has the following comments and requests for information regarding the June 27, 2000 document:

1. The document contains the results of a geoprobe survey of soils at the site. However, the data shows that the extent of soil contamination has not been completely defined. Please provide a plan to completely determine the extent of soil contamination.

2. The document indicates that 2 additional monitor wells (MW-4 and MW-5) were installed at the site, but there is no reference to the analytical results of soil or water quality sampling of these wells. Please provide this information.
3. The document proposes to install 3 additional monitoring wells to determine the downgradient extent of ground water contamination and states that the locations of the wells can be found on the attached map. However, only 1 proposed monitor well location can be found on the attached map. Please provide a corrected map showing the proposed locations of the 3 additional monitor wells.

Please submit the above information to the OCD Santa Fe Office by January 7, 2000 with a copy provided to the OCD Hobbs District Office.

If you have any questions or comments, please contact me at (505) 827-7154 . .

Sincerely,



William C. Olson
Hydrologist
Environmental Bureau

xc: Chris Williams, OCD Hobbs District Office
Jesse Taylor, Environmental Technology Group, Inc.

October 4, 2000

OCT 6 2000



Roger C. Anderson
Environmental Bureau Chief
Energy, Minerals and Natural Resources Department
Oil Conservation Division
2040 S. Pacheco
Santa Fe, New Mexico 87505

Re: Notice of Publication
Groundwater Abatement Plan (AP-13)
TNM-97-18-Site
Lea County, New Mexico

Dear Mr. Anderson:

In accordance with Oil Conservation Division Rule 19.G.(1).(a,b,c,d,e), written notice has been forwarded to the following persons and officials, identified by Rule 19 and the Director, who are required to be notified or who have requested notification. Enclosed are the Affidavits of Publication for Hobbs News-Sun, Albuquerque Journal, and Lovington Daily Leader and a copy of the Notice of Publication for your files.

If additional information is needed, please contact me at (505) 397-4882 or FAX (505) 397-4701.

Sincerely,

Beth A. Aldrich
Geologist

Attachments: Affidavit of Publication, Hobbs News-Sun
Affidavit of Publication, Albuquerque Journal
Affidavit of Publication, Lovington Daily Leader
Notice of Publication

Cc: State Land Office, Hobbs District
Chris Shuey, Southwest Research & Information Center
Director, State Park & Recreation
Marcia Simmons, KOAT-RV
Dr. Jay Sorenson
Bob Steele, Land & Mineral Resources
Westinghouse Electric Corp., Manager-Uranium Resources Div.
George Vlahos, Sierra Club
Lee Wilson & Associates
Secretary, New Mexico Environment Department
Thomas Kellahin
Director, Department of Game & Fish
Jackie Jennings, Core Laboratories, Inc.
Olson Plunck, Southwestern Public Service
Soil and Water Conservation Bureau
Environmental Affairs, Public Service Company
Governor, Pueblo of Laguna
State Engineer, Water Resources Division

State Director, Bureau Of Land Management
NM Citizens, Clean Air & Water
William F. Carr, Campbell & Black
NM Municipal League
Jay Lazarus
Director, Water Resources Dept.
NM Water Well Association
Field Supervisor, US Fish & Wildlife Service
Patricia A. D'Andrea
Bruce S. Garber, Attorney at Law
Mike Matush, State Land Office Building
Science Applications, Inc.
Dr. Harry Bishara
Director, Albuquerque Environmental Health Department
John Draper, Montgomery & Andrews
Perry Pearce, Burlington Resources
Lynn Brandvold, NM Bureau of Mines & Mineral Resources
Kay Grotbeck
Jeanne Haffen, El Paso Natural Gas
Richard P. Chagnon, Hydrologist
Regional Forester, USFS Regional Office
Director, Colorado River Comm. of Nevada
Gerald R. Zimmerman, Colorado River Board of Calif.
Director, Division of Water Quality (Utah)
Jack A. Barnett, Colorado River Basin Ctrl. Forum
Chief, Groundwater Bureau (Santa Fe, NM)
Chief, Hazardous Waste Bureau (Santa Fe, NM)
Thomas W. Merlan, Director
Chester Rail
Ken Marsh, Controlled Recovery Inc.
Colin Adams, Environmental Counsel
Devon E. Jercinovic, International Technology Corp.
NM Oil & Gas Association
Len Oyunque, The Tewa Company
William Turner, New Mexico Trustee for Natural Resources
Glen Waldrop, EOTT Energy Pipeline Limited Partnership
Millard Deck Estate
Lea Partners
S-W Cattle Company
Jimmie Cooper
Jimmie T. Cooper
Dale Cooper Family Trust
New Mexico State Land Office
Bureau Of Land Management
Lea County Commission
ETGI file

AFFIDAVIT OF PUBLICATION

State of New Mexico,
County of Lea.

I. KATHI BEARDEN

Publisher

of the Hobbs News-Sun, a
newspaper published at
Hobbs, New Mexico, do solemnly
swear that the clipping attached
hereto was published once a
week in the regular and entire
issue of said paper, and not a
supplement thereof for a period.

of 1
_____ weeks.

Beginning with the issue dated

September 29 2000

and ending with the issue dated

September 29 2000

Kathi Bearden

Publisher

Sworn and subscribed to before

me this 29th day of

September 2000

Jodi Benson

Notary Public.

My Commission expires
October 18, 2000
(Seal)

This newspaper is duly qualified
to publish legal notices or adver-
tisements within the meaning of
Section 3, Chapter 167, Laws of
1937, and payment of fees for
said publication has been made.

LEGAL NOTICE

September 29, 2000

NOTICE OF PUBLICATION
STATE OF NEW MEXICO
ENERGY, MINERALS AND NATURAL
RESOURCES DEPARTMENT
OIL CONSERVATION DIVISION

Notice is hereby given that pursuant to New Mexico Oil Con-
servation Division Regulations, the following Stage 1 Abate-
ment Plan Proposal has been submitted to the Director of the
Oil Conservation Division, 2040 South Pacheco, Santa Fe,
New Mexico, 87505, Telephone (505) 827-7131:

EOTT Energy Limited Partnership (EOTT), Glenn
Waldrop, Project Manager, Telephone (915) 684-3453,
P.O. Box 1860, Midland, Texas, 79702, has submitted a
Stage 1 Abatement Plan Proposal for the TMM 87-18
Leak Site, located south of Monument, New Mexico, in
SW 1/4, NE 1/4, Section 28, Township 20 South, Range
37 East, Lea County, New Mexico. EOTT operates a
crude oil pipeline at the site. Phase separated
hydrocarbons (PSH) have been observed on the ground
water. The Stage 1 Abatement Plan Proposal presents
EOTT's proposed methods for remediation of the site
including remediation of the contaminated soils;
remediation of contaminated ground water; site
maintenance activities; a monitoring and sampling plan
for soils and ground water; preparation of regular
remediation reports; and a schedule for implementation
of all remediation and monitoring activities.

Any interested person may obtain further information from the
Oil Conservation Division and may submit to the Director of the
Oil Conservation Division, at the address given above, written
comments or a written request for a public hearing that in-
cludes reasons why a hearing should be held. The Stage 1
Abatement Plan Proposal may be viewed at the above address
or at the Oil Conservation Division Hobbs District Office, 1825
N. French Drive, Hobbs, New Mexico, 88240, Telephone (505)
393-8161 between 8:00a.m. and 4:00p.m., Monday through
Friday. Prior to ruling on any Stage 2 Abatement Plan Propo-
sal, the Director of the Oil Conservation Division shall allow at
least thirty (30) days after the date of publication of this notice
during which written comments or a written request for a hear-
ing may be submitted.

#17650

01105268000

01543920

Environmental Technology Group
P.O. Box 4845
MIDLAND, TX 79704

STATE OF NEW MEXICO
County of Bernalillo SS

Bill Tafoya, being duly sworn, declares and says that he is Classified Advertising Manager of The Albuquerque Journal, and that this newspaper is duly qualified to publish legal notices or advertisements within the meaning of Section 3, Chapter 167, Session Laws of 1937, and that payment therefore has been made of assessed as court cost; that the notice, copy of which is hereto attached, was published in said paper in the regular daily edition, for ONE times, the first publication being on the 29th day of September, 2000, and the subsequent consecutive publications on _____, 2000.

Sworn and subscribed to before me, a Notary Public, in and for the County of Bernalillo and State of New Mexico this 1st day of October of 2000.

PRICE \$ 32.12

Statement to come at end of month.

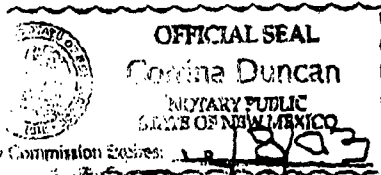
ACCOUNT NUMBER 085474

CLA-22-A (R-1/93)

Notice is hereby given that pursuant to New Mexico Oil Conservation Division Regulations, the following Stage 1 Abatement Plan Proposal has been submitted to the Director of the Oil Conservation Division, 2840 South Pecos Road, Suite 400, New Mexico 87505. Telephone (505) 827-7131:

EOTT Energy Limited Partnership (EOTT), Glenn Waldrop, Project Manager, Telephone (918) 894-9453, P.O. Box 1660, Midland, Texas 79702, has submitted a Stage 1 Abatement Plan Proposal for the TMM 87-18 Leak Site, located south of Monument, New Mexico, in the SW 1/4, NE 1/4, Section 28, Township 20 South, Range 37 East, Lea County, New Mexico. EOTT operates a crude oil pipeline at the site. Phase separated hydrocarbons (PSH) have been observed on the ground water. The Stage 1 Abatement Plan Proposal includes EOTT's proposed methodology for remediation of the contaminated site; installation of containment systems; site maintenance; monitoring and sampling plan for soils and ground water; preparation of regular remediation reports; and a schedule for implementation of all remediation and monitoring activities.

Any interested person may obtain further information from the Oil Conservation Division and may submit to the Director of the Oil Conservation Division, at the address given above, written comments of a written request for a public hearing that includes reasons why a hearing should be held. The Stage 1 Abatement Plan Proposal may be viewed at the Oil Conservation Division, 2840 South Pecos Road, Suite 400, New Mexico 87505. Telephone (505) 827-7131.



Corina Duncan

Affidavit of Publication

STATE OF NEW MEXICO)
) ss.
COUNTY OF LEA)

Joyce Clemens being first duly sworn on oath deposes and says that she is Advertising Director of **THE LOVINGTON DAILY LEADER**, a daily newspaper of general paid circulation published in the English language at Lovington, Lea County, New Mexico; that said newspaper has been so published in such county continuously and uninterruptedly for a period in excess of Twenty-six (26) consecutive weeks next prior to the first publication of the notice hereto attached as hereinafter shown; and that said newspaper is in all things duly qualified to publish legal notices within the meaning of Chapter 167 of the 1937 Session Laws of the State of New Mexico.

That the notice which is hereto attached, entitled

Notice Of Publication

was published in a regular and entire issue of **THE LOVINGTON DAILY LEADER** and not in any supplement thereof, for one (1) day, beginning with the issue of September 28, 2000 and ending with the issue of September 28, 2000.

And that the cost of publishing said notice is the sum of \$ 46.69 which sum has been (Paid) as Court Costs.

Joyce Clemens

Subscribed and sworn to before me this 4th day of October 2000.

Debbie Schilling

Debbie Schilling

Notary Public, Lea County, New Mexico
My Commission Expires June 22, 2002

RESOURCES DEPARTMENT OIL CONSERVATION DIVISION

Notice is hereby given that pursuant to New Mexico Oil Conservation Division Regulations the following Stage 1 Abatement Plan Proposal has been submitted to the Director of the Oil Conservation Division, 2040 South Pacheco, Santa Fe, New Mexico, 87505, Telephone (505) 827-7131:

EOTT Energy Limited Partnership (EOTT), Glenn Waldrop, Project Manager, Telephone (915) 684-3453, P.O. Box 1680, Midland, Texas 79702, has submitted a Stage 1 Abatement Plan Proposal for the TNM 87-18 Leak Site, located south of Monument, New Mexico, in SW1/4, NE1/4, Section 28, Township 20, South Range 37, East, Lea County, New Mexico. EOTT operates a crude oil pipeline at the site. Phase Separated hydrocarbons (PSH) have been observed on the ground water. The Stage 1 Abatement Plan Proposal presents EOTT's proposed methods for remediation of the site including remediation of the contaminated soils, remediation of contaminated ground water, site maintenance activities, a monitoring and sampling plan for soils and ground water, preparation of regular remediation reports, and a schedule for implementation of all remediation and monitoring activities.

may submit to the Director of the Oil Conservation Division at the address given above, written comments or a written request for a public hearing that includes reasons why a hearing should be held. The Stage 1 Abatement Plan Proposal may be viewed at the above address or at the Oil Conservation Division Hobbs District Office, 1825 N. French Drive, Hobbs, New Mexico, 88240, Telephone (505) 393-6161 between 8:00 a.m. and 4:00 p.m., Monday through Friday. Prior to ruling on any Stage 2 Abatement Plan Proposal, the Director of the Oil Conservation Division shall allow at least thirty (30) days after the date of publication of this notice during which written comments or a written request for a hearing may be submitted.

Published in the Lovington Daily Leader September 28, 2000.

LEGAL NOTICE
NOTICE OF
PUBLICATION
STATE OF
NEW MEXICO
ENERGY, MINERALS
AND NATURAL

Any interested person may obtain further information from the Oil Conservation Division and

NOTICE OF PUBLICATION

STATE OF NEW MEXICO ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT OIL CONSERVATION DIVISION

Notice is hereby given that pursuant to New Mexico Oil Conservation Division Regulations, the following Stage 1 Abatement Plan Proposal has been submitted to the Director of the Oil Conservation Division, 2040 South Pacheco, Santa Fe, New Mexico, 87505, Telephone (505) 827-7131:

EOTT Energy Limited Partnership (EOTT), Glenn Waldrop, Project Manager, Telephone (915) 684-3453, P.O. Box 1660, Midland, Texas, 79702, has submitted a Stage 1 Abatement Plan Proposal for the TNM 97-18 Leak Site, located south of Monument, New Mexico, in SW $\frac{1}{4}$, NE $\frac{1}{4}$, Section 28, Township 20 South, Range 37 East, Lea County, New Mexico. EOTT operates a crude oil pipeline at the site. Phase separated hydrocarbons (PSH) have been observed on the ground water. The Stage 1 Abatement Plan Proposal presents EOTT's proposed methods for remediation of the site including remediation of the contaminated soils; remediation of contaminated ground water; site maintenance activities; a monitoring and sampling plan for soils and ground water; preparation of regular remediation reports; and a schedule for implementation of all remediation and monitoring activities.

Any interested person may obtain further information from the Oil Conservation Division and may submit to the Director of the Oil Conservation Division, at the address given above, written comments or a written request for a public hearing that includes reasons why a hearing should be held. The Stage 1 Abatement Plan Proposal may be viewed at the the above address or at the Oil Conservation Division Hobbs District Office, 1625 N. French Drive, Hobbs, New Mexico, 88240, Telephone (505) 393-6161 between 8:00a.m. and 4:00p.m., Monday through Friday. Prior to ruling on any Stage 2 Abatement Plan Proposal, the Director of the Oil Conservation Division shall allow at least thirty (30) days after the date of publication of this notice during which written comments or a written request for a hearing may be submitted.



NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

GARY E. JOHNSON

Governor

Jennifer A. Salisbury

Cabinet Secretary

Lori Wrotenbery

Director

Oil Conservation Division

September 6, 2000

CERTIFIED MAIL

RETURN RECEIPT NO. 5051-3570

Mr. Glen Waldrop
EOTT Energy Pipeline Limited Partnership
P.O. Box 1660
Midland, Texas 79702

**RE: GROUND WATER ABATEMENT PLAN (AP-13)
TNM-97-18 SITE
LEA COUNTY, NEW MEXICO**

Dear Mr. Waldrop:

The New Mexico Oil Conservation Division (OCD) has completed a review of EOTT Energy Pipeline Limited Partnership's (EOTT) June 27, 2000 "PETROLEUM RELEASE SITE TNM 97-18, SW1/4, NE1/4 SECTION 28, TOWNSHIP 20 SOUTH, RANGE 37 EAST, LEA COUNTY, ADDITIONAL INFORMATION REQUESTED FOR STAGE 1 ABATEMENT PLAN" and January 5, 2000 "STAGE 1 GROUND WATER ABATEMENT PLAN (AP-13), TNM-97-18 SITE" which were submitted on behalf of EOTT by their consultant Environmental Technology Group, Inc. These documents contain the results of EOTT's initial investigation of soil and ground water contamination resulting from a crude oil pipeline spill at EOTT's TNM-97-18 site. The documents also contain EOTT's Stage 1 Abatement Plan Proposal to complete the definition of the extent of soil and ground water contamination at the site.

The Stage 1 Abatement Plan Proposal is administratively complete. Before the OCD can complete a review of the proposed Stage 1 Abatement Plan Proposal, the OCD requires that:

1. EOTT issue by September 21, 2000 the attached Stage 1 notice of publication in the Albuquerque Journal, the Hobbs News-Sun and the Lovington Daily Leader pursuant to OCD Rule 19.G.(2).
2. Prior to issuing public notice, EOTT shall issue written notice of the Stage 1 proposal pursuant to OCD Rule 19.G.(1). Please use the previously supplied 3.5" disk for a listing of "those persons, as identified by the Director, who have requested notification" pursuant to OCD Rule 19.G.(1).(d). The disk also contains the contact for the New Mexico Trustee for Natural Resources.

Please provide the OCD with proof of publication and proof of written notice as soon as possible upon completing issuance of the written and public notice.

If you have any questions, please contact Bill Olson of my staff at (505) 827-7154.

Sincerely,

A handwritten signature in black ink, appearing to read "Roger C. Anderson". The signature is fluid and cursive, with a long horizontal stroke extending to the right.

Roger C. Anderson
Environmental Bureau Chief

RCA/wco

xc: Chris Williams, OCD Hobbs District Office
Jesse Taylor, Environmental Technology Group, Inc.

NOTICE OF PUBLICATION

STATE OF NEW MEXICO ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT OIL CONSERVATION DIVISION

Notice is hereby given that pursuant to New Mexico Oil Conservation Division Regulations, the following Stage 1 Abatement Plan Proposal has been submitted to the Director of the Oil Conservation Division, 2040 South Pacheco, Santa Fe, New Mexico 87505, Telephone (505) 827-7131:

EOTT Energy Pipeline Limited Partnership (EOTT), Glen Waldrop, Project Manager, Telephone (915) 684-3453, P.O. Box 1660, Midland, Texas 79702, has submitted a Stage 1 Abatement Plan Proposal for the TNM-97-18 site, located south of Monument, New Mexico in the SW1/4 of the NE1/4 of Section 28, Township 20 South, Range 37 East, NMPM, Lea County, New Mexico. EOTT operates a crude oil pipeline at the site. Phase-separated hydrocarbons (PSH) have been observed on the ground water. The Stage 1 Abatement Plan Proposal presents the following subsurface investigation activities: determine site geology and hydrogeology; conduct a registered water well search within a 1 mile radius of the site; install monitoring wells; collect soil samples for field screening and/or laboratory analysis from each boring; collect ground water samples for laboratory analysis from each monitoring well; obtain depth to ground water measurements and calculate the ground water gradient and direction; survey all well locations by a professional land surveyor registered in the State of New Mexico; and prepare a report summarizing field activities and laboratory results.

Any interested person may obtain further information from the Oil Conservation Division and may submit written comments to the Director of the Oil Conservation Division at the address given above. The Stage 1 Abatement Plan Proposal may be viewed at the above address or at the Oil Conservation Division Hobbs District Office, 1625 N. French Drive, Hobbs, New Mexico 88240, Telephone (505) 393-6161 between 8:00 a.m. and 4:00 p.m., Monday through Friday. Prior to ruling on any proposed Stage 1 Abatement Plan Proposal, the Director of the Oil Conservation Division shall allow at least thirty (30) days after the date of publication of this notice during which written comments may be submitted.



June 27, 2000

State of New Mexico
Oil Conservation Division
2040 S. Pacheco
Santa Fe, NM 87505
Attn: William Olson

RE: Petroleum Release Site TNM 97-18
SW1/4 NE1/4 Section 28, Township 20 South, Range 37 East, Lea County
Additional Information Requested for Stage 1 Abatement Plan

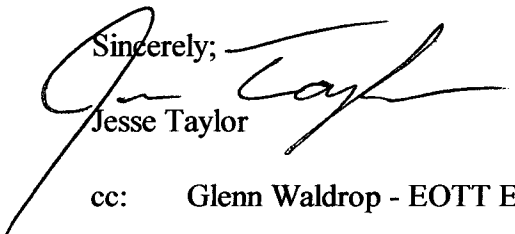
Dear Mr. Olson:

The following information regarding the referenced site is provided in response to your letter, dated April 20, 2000. These data were collected during field activities conducted by Environmental Technology Group, Inc. (ETGI) on behalf of EOTT Energy Corp. (EOTT). The inclusion of this data as an attachment should make the referenced document administratively complete.

- A geoprobe survey of the site was completed between March 16 and March 28, 2000. A total of 10 geoprobe points were advanced to refusal as depicted on the map in Attachment A. Boring logs for each point are also included as Attachment A. The soil laboratory data in tabulated form and the laboratory report for the soil samples are provided as Attachment B. The data indicate that some portion of the released crude oil flowed along the surface topographic low associated with the pipeline right-of-way and pooled in the stained area depicted on the map. It appears that crude oil which collected at this point infiltrated to the ground water as evidenced by the impact observed in monitoring well MW-4.
- The water well inventory is included as Attachment C. The survey indicates that there may be one water well within 1,000 feet of the site.
- In order to define the downgradient extent of ground water impact associated with that observed at monitoring well MW-4, ETGI proposes the installation of three ground water monitoring wells as depicted on the map.

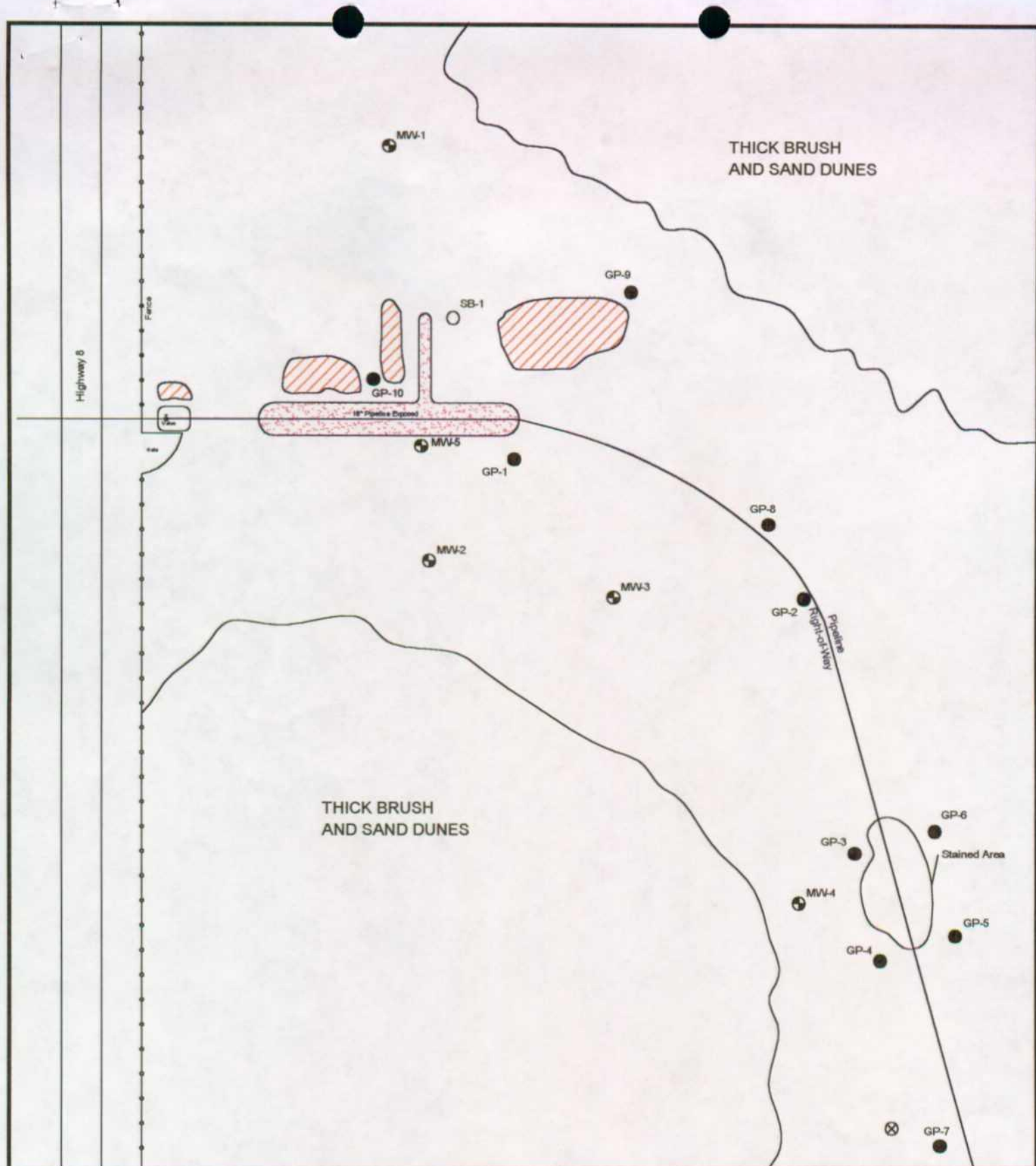
If you have any questions or comments, please telephone me at (915) 664-9166.

Sincerely;


Jesse Taylor

cc: Glenn Waldrop - EOTT Energy Corp.

ATTACHMENT A



LEGEND:

- Existing Monitoring Wells
- Existing Soil Boring
- ⊗ PROPOSED MONITORING WELLS

Stockpile Soil
Excavated Area

● GEOPROBE LOCATIONS



Figure 2
Map Site

TNM 97-18
Lea County, NM

Environmental Technology
Group, Inc.

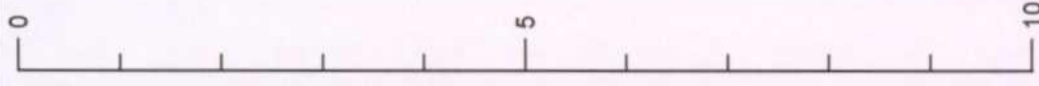
Scale: 1"=80'	Prep By: ETC	Checked By: JN
August 10, 1999	ETGI Project # EOT 835C	

Geoprobe GP-1

Geoprobe Details

Date Drilled 03/16/00
 Plugged - Surface to TD with Bentonite
 and hydrated with deionized
 water

Depth
 (feet)



Soil
 Column



Soil Sample
 Identification

Notes

Soil Description

GP-001

Slight Stain

Tan sand, well sorted, very fine grained.

GP-005

White sand, well sorted, very fine grained, silty.

GP-006

Slight Stain

White sand, well sorted, very fine grained, silty.

Geoprobe Log Details

Geoprobe GP-1

EOTT Energy Corp. TNM 97-18 Lea County, NM

Environmental Technology
 Group, Inc.


Scale: NTS
 April 7, 2000
 Prep By: RS
 Checked By: JT
 ETGI Project # EOT 2025C



Geoprobe GP-2

Geoprobe Details

Date Drilled 03/16/00
Plugged - Surface to TD with Bentonite and hydrated with deionized water

Depth (feet)	Soil Column	Soil Sample Identification	Notes	Soil Description
0		GP-001		Light tan sand, well sorted, dry, very fine grained.
5		GP-002	Slight Stain	Light tan sand, well sorted, moist, silty, very fine grained.
10		GP-003		Light brown sand, well sorted, very fine grained, silty, moist.
15		GP-004		Light brown sand, well sorted, very fine grained, silty, dry.
20		GP-005		Light brown sand, well sorted, very fine grained, silty, moist. interbedded with very small amount of clay (very soft).
25		GP-006		Light tan sand, well sorted, moist, silty, very fine grained. interbedded with clay (very soft).

Geoprobe Log Details

Geoprobe GP-2

EOTT Energy Corp. TNM 97-18 Lea County, NM

Environmental Technology
Group, Inc.



Scale: NTS
April 7, 2000
Prep By: RS
Checked By: JT
ETGI Project # EOT 2025C

Geoprobe GP-3

Geoprobe Details

Date Drilled 03/28/00
Plugged - Surface to TD with Bentonite and hydrated with deionized water

Depth (feet)	Soil Column	Soil Sample Identification	Notes	Soil Description
0		GP-001		Light brown sand, well sorted, dry, medium grained.
5		GP-002		Light brown sand, well sorted, dry, medium grained.
10		GP-003	Strong Stain Strong Odor	Brown sand, well sorted, moist, very fine grained.
15		GP-004	Strong Stain Strong Odor	Gray sand, poorly sorted, moist, medium grained, interbedded with clay (very soft).
20		GP-005	Strong Stain Strong Odor	Black sand, well sorted, moist, very fine grained, oil visible.
		GP-006	Heavy Stain Heavy Odor	Gray sand, well sorted, moist, medium grained, oil visible, interbedded with clay, medium stiffness.
		GP-007	Heavy Stain Heavy Odor	Gray clay, wet, medium stiffness.
				TD

Geoprobe Log Details

Geoprobe GP-3

EOTT Energy Corp. TNM 97-18 Lea County, NM



Environmental Technology Group, Inc.

Scale: NTS
April 7, 2000
Prep By: RS
Checked By: JT
ETGI Project # EOT 2025C

Geoprobe GP-4

Geoprobe Details

Date Drilled 03/27/00
Plugged - Surface to TD with Bentonite and hydrated with deionized water

Depth (feet)	Soil Column	Soil Sample Identification	Notes	Soil Description
0		GP-001		Brown sand, well sorted, very fine grained, moist.
5		GP-002		Light tan sand, well sorted, very fine grained, moist, silty.
10		GP-003	Strong Stain Slight Odor	Light brown sand, well sorted, moist, very fine grained, silty.
15		GP-004	Strong Stain Strong Odor	Brown sand, poorly sorted, moist, medium grained.
20		GP-005	Strong Stain Strong Odor	Brown grayish sand, well sorted, moist, medium grained.
25		GP-006	Strong Stain Strong Odor	Grayish sand, poorly sorted, medium grained, interbedded with clay (medium stiffness).
TD		GP-007	Strong Stain Strong Odor	Grayish clay, mixed with sand, well sorted, medium stiffness, very fine grained.

Geoprobe Log Details

Geoprobe GP-4

EOTT Energy Corp. TNM 97-18 Lea County, NM

Environmental Technology
Group, Inc.

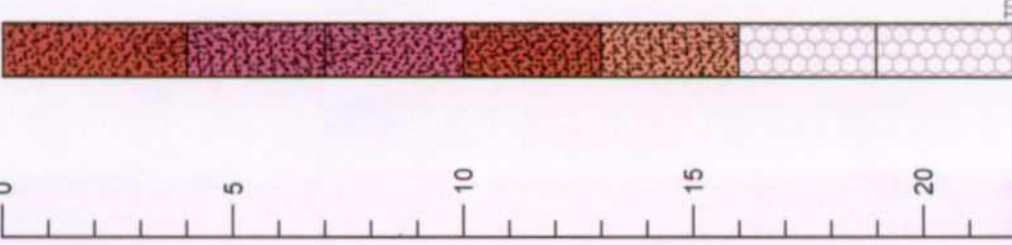


Scale: NTS
April 7, 2000
Prep By: RS
Checked By: JT
ETGI Project # EOT 2025C

Geoprobe GP-5

Geoprobe Details

Date Drilled 03/28/00
Plugged - Surface to TD with Bentonite and hydrated with deionized water

Depth (feet)	Soil Column	Soil Sample Identification	Notes	Soil Description
0		GP-001		Brown sand, well sorted, very fine grained, moist
5		GP-002		Light brown sand, moist, well sorted, very fine grained, silty.
10		GP-003	Strong Stain Strong Odor	Light brown sand, moist, well sorted, very fine grained, silty.
15		GP-004	Strong Stain Strong Odor	Brown sand, well sorted, medium grained, moist, silty.
		GP-005	Strong Stain Strong Odor	Light tan sand, well sorted, moist, medium grained.
		GP-006	Strong Stain Strong Odor	Gray clay, medium stiffness, mixed with light brown sand, moist, well sorted, silty.
20		GP-007	Strong Stain Strong Odor	Grayish clay, medium stiffness, mixed with well sorted very fine grained silty sand.

Geoprobe Log Details

Geoprobe GP-5

EOTT Energy Corp. TNM 97-18 Lea County, NM

Environmental Technology
Group, Inc.




Scale: NTS
Prep By: RS
Checked By: JT
April 7, 2000
ETGI Project # EOT 2025C

Geoprobe GP-6

Geoprobe Details

Date Drilled 03/28/00
Plugged - Surface to TD with Bentonite and hydrated with deionized water

Depth (feet)	Soil Column	Soil Sample Identification	Notes	Soil Description
0		GP-001		Light brown sand, well sorted, very fine grained.
5		GP-002		Brown sand, well sorted, ver fine grained, dry.
10		GP-003	Strong Stain Strong Odor	Brown sand, well sorted, very fine grained, moist.
15		GP-004	Strong Stain Strong Odor	Light tan sand, poorly sorted, medium and fine grained, moist.
		GP-005	Strong Stain Strong Odor	Dark brown sand, moist, well sorted, medium grained.
		GP-006	Strong Stain Strong Odor	Tan sand, well sorted, moist, medium grained, interbedded with greyish clay (very soft).
20		GP-007	Strong Stain Strong Odor	Grayish clay, moist, medium stiffness, medium grained sand. very fine grained.

Geoprobe Log Details

Geoprobe GP-6

EOTT Energy Corp. TNM 97-18 Lea County, NM



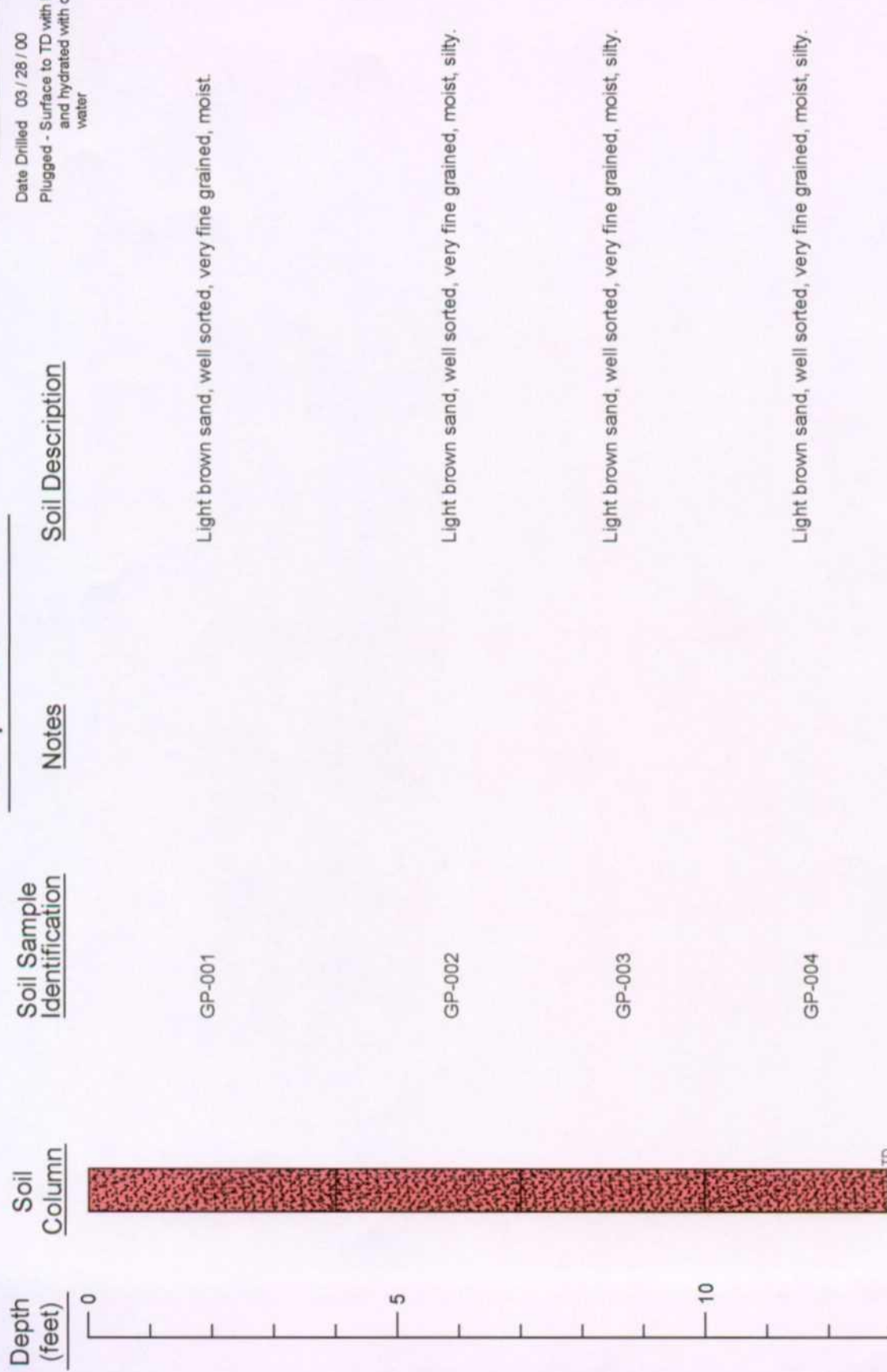
Environmental Technology
Group, Inc.

Scale: NTS
Prep By: RS
Checked By: JT
April 7, 2000
ETGI Project # EOT 2025C

Geoprobe GP-7

Geoprobe Details

Date Drilled 03/28/00
Plugged - Surface to TD with Bentonite and hydrated with deionized water



Geoprobe Log Details

Geoprobe GP-7

EOTT Energy Corp. TNM 97-18 Lea County, NM

Environmental Technology Group, Inc.

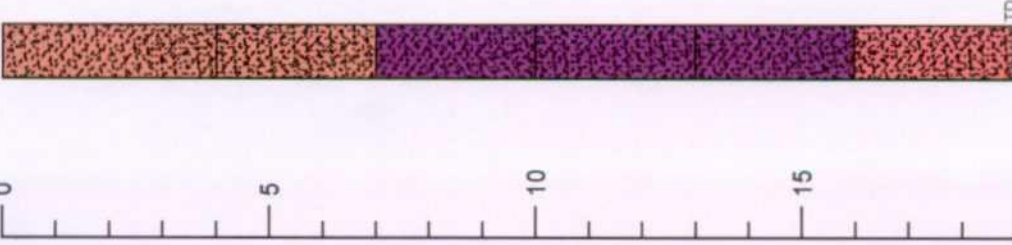
Scale: NTS
April 7, 2000
Prep By: RS
Checked By: JT
ETGI Project # EOT 2025C



Geoprobe GP-8

Geoprobe Details

Date Drilled 03/28/00
Plugged - Surface to TD with Bentonite and hydrated with deionized water

Depth (feet)	Soil Column	Soil Sample Identification	Notes	Soil Description
0		GP-001		Light brown sand, well sorted, very fine grained, moist.
5		GP-002		Light brown sand, well sorted, very fine grained, moist, silty.
10		GP-003		Brown sand, well sorted, very fine grained, moist, silty.
		GP-004		Brown sand, fine grained, interbedded with brownish grey clay.
15		GP-005		Brown sand, well sorted, very fine grained, moist, silty.
		GP-006	Slight Stain Slight Odor	Light tan sand, mixed with clay (very soft).

Geoprobe Log Details

Geoprobe GP-8

EOTT Energy Corp. TNM 97-18 Lea County, NM

Environmental Technology
Group, Inc.



Scale: NTS
April 7, 2000
Prep By: RS
Checked By: JT
ETGI Project # EOT 2025C

Geoprobe GP-9

Geoprobe Details

Date Drilled 03/28/00
 Plugged - Surface to TD with Bentonite
 and hydrated with deionized
 water

Depth (feet)	Soil Column	Soil Sample Identification	Notes	Soil Description
0		GP-001		Dark brown sand, well sorted, very fine grained, moist, silty.
5		GP-002	Slight Stain Strong Odor	Tan sand, poorly, medium grained, moist.
10		GP-003	Strong Stain Strong Odor	Brown sand, well sorted, very fine grained, moist, silty.
		GP-004	Strong Stain Strong Odor	Brown sand, well sorted, very fine grained, moist, silty.
15		GP-005	Slight Stain Strong Odor	Tan sand, well sorted, medium grained, moist.
		GP-006	Strong Stain Strong Odor	Tan sand, well sorted, medium grained, moist, silty.
				TD

Geoprobe Log Details

Geoprobe GP-9

EOTT Energy Corp. TNM 97-18 Lea County, NM



Environmental Technology
 Group, Inc.

Scale: NTS
 April 7, 2000
 Prep By: RS
 Checked By: JT
 ETGI Project # EOT 2025C

Geoprobe GP-10

Geoprobe Details

Date Drilled 03/28/00
Plugged - Surface to TD with Bentonite and hydrated with deionized water



Geoprobe Log Details

Geoprobe GP-10

EOTT Energy Corp. TNM 97-18 Lea County, NM



Environmental Technology Group, Inc.

Scale: NTS
April 7, 2000
Prep By: RS
Checked By: JT
ETGI Project # EOT 2025C

ATTACHMENT B

TABLE 1

**SUMMARY OF SOIL CHEMISTRY
TNM 97-18 RELEASE SITE
LEA COUNTY, NM
ETGI PROJECT #EOT1025C**

SAMPLE LOCATION	SAMPLE DATE	SAMPLE DEPTH (feet)	Methods: EPA SW 8746-8021B, 5030					Methods: EPA SW 846-8015M GRO/DRO	
			BENZENE (mg/kg)	TOLUENE (mg/kg)	ETHYL- BENZENE (mg/kg)	m,p-XYLENE (mg/kg)	o-XYLENE (mg/kg)	GRO C6-C10 (mg/kg)	DRO >C10-C25 (mg/kg)
GP-1	3/16/00	4'	<0.100	<0.100	<0.100	<0.100	<0.100	<10	39
GP-1	3/16/00	7'	<0.100	<0.100	<0.100	<0.100	<0.100	<10	20
GP-1	3/16/00	10'	<0.100	<0.100	<0.100	<0.100	<0.100	<10	1102
GP-2	3/16/00	4'	<0.100	<0.100	<0.100	<0.100	<0.100	<10	98
GP-2	3/16/00	7'	<0.100	<0.100	<0.100	<0.100	<0.100	<10	40
GP-2	3/16/00	10'	<0.100	<0.100	<0.100	<0.100	<0.100	<10	23
GP-2	3/16/00	13'	<0.100	<0.100	<0.100	<0.100	<0.100	<10	37
GP-2	3/16/00	16'	<0.100	<0.100	<0.100	<0.100	<0.100	<10	<10
GP-2	3/16/00	23'	<0.100	<0.100	<0.100	<0.100	<0.100	<10	<10
GP-3	3/16/00	4'	<0.100	<0.100	<0.100	<0.100	<0.100	<10	<10
GP-3	3/16/00	7'	<0.100	<0.100	<0.100	<0.100	<0.100	<10	192
GP-3	3/16/00	10'	<0.100	<0.100	<0.100	<0.100	<0.100	<10	1715
GP-3	3/16/00	13'	<0.100	<0.100	0.489	0.229	0.122	<10	332
GP-3	3/16/00	16'	<0.100	<0.100	<0.100	<0.100	<0.100	<10	126
GP-3	3/16/00	19'	<0.100	<0.100	<0.100	<0.100	<0.100	<10	75
GP-3	3/16/00	22'	<0.100	<0.100	<0.100	<0.100	<0.100	<10	51
GP-6	3/16/00	4'	<0.100	<0.100	<0.100	<0.100	<0.100	<10	56
GP-6	3/16/00	7'	<0.100	<0.100	<0.100	<0.100	<0.100	<10	679
GP-6	3/16/00	10'	<0.100	<0.100	<0.100	<0.100	<0.100	<10	2156
GP-6	3/16/00	13'	<0.100	<0.100	<0.100	<0.100	<0.100	<10	385
GP-6	3/16/00	16'	<0.100	<0.100	<0.100	<0.100	<0.100	<10	161
GP-6	3/16/00	19'	<0.100	<0.100	<0.100	<0.100	<0.100	<10	103
GP-6	3/16/00	22'	<0.100	0.44	1.42	1.24	0.656	<10	112

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

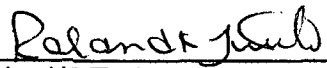
SampleType: Soil
Sample Condition: Intact/ Iced
Project #: EOT 1025C
Project Name: TNM 97-18
Project Location: Hwy. 18 New Mexico

Sampling Date: 03/16/00
Receiving Date: 03/27/00
Analysis Date: 3/29 & 3/30/00

ELT#	FIELD CODE	BENZENE mg/kg	TOLUENE mg/kg	ETHYLBENZENE mg/kg	m,p-XYLENE mg/kg	o-XYLENE mg/kg
24338	GP1 001 4 ft.	<0.100	<0.100	<0.100	<0.100	<0.100
24339	GP1 002 7 ft.	<0.100	<0.100	<0.100	<0.100	<0.100
24340	GP1 003 10 ft.	<0.100	<0.100	<0.100	<0.100	<0.100
24341	GP2 001 4 ft.	<0.100	<0.100	<0.100	<0.100	<0.100
24342	GP2 002 7 ft.	<0.100	<0.100	<0.100	<0.100	<0.100
24343	GP2 003 10 ft.	<0.100	<0.100	<0.100	<0.100	<0.100
24344	GP2 004 13 ft.	<0.100	<0.100	<0.100	<0.100	<0.100
24345	GP2 005 16 ft.	<0.100	<0.100	<0.100	<0.100	<0.100
24346	GP2 006 23 ft.	<0.100	<0.100	<0.100	<0.100	<0.100
24347	GP3 001 4 ft.	<0.100	<0.100	<0.100	<0.100	<0.100
24348	GP3 002 7 ft.	<0.100	<0.100	<0.100	<0.100	<0.100
24349	GP3 003 10 ft.	<0.100	<0.100	<0.100	<0.100	<0.100
24350	GP3 004 13 ft.	<0.100	<0.100	0.489	0.229	0.122
24351	GP3 005 16 ft.	<0.100	<0.100	<0.100	<0.100	<0.100
24352	GP3 006 19 ft.	<0.100	<0.100	<0.100	<0.100	<0.100
24353	GP3 007 22 ft.	<0.100	<0.100	<0.100	<0.100	<0.100
24354	GP6 001 4 ft.	<0.100	<0.100	<0.100	<0.100	<0.100
24355	GP6 002 7 ft.	<0.100	<0.100	<0.100	<0.100	<0.100
24356	GP6 003 10 ft.	<0.100	<0.100	<0.100	<0.100	<0.100
24357	GP6 004 13 ft.	<0.100	<0.100	<0.100	<0.100	<0.100
24358	GP6 005 16 ft.	<0.100	<0.100	<0.100	<0.100	<0.100
24359	GP6 006 19 ft.	<0.100	<0.100	<0.100	<0.100	<0.100
24360	GP6 007 22 ft.	<0.100	0.440	1.42	1.24	0.656

% IA	102	99	100	103	94
% EA	99	95	97	100	92
BLANK	<0.100	<0.100	<0.100	<0.100	<0.100

METHODS: SW 846-8021B,5030


Raland K. Tuttle

3-31-00
Date

ENVIRONMENTAL LAB OF , INC.

"Don't Treat Your Soil Like Dirt!"

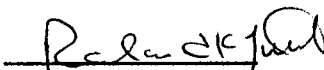
ENVIRONMENTAL TECHNOLOGY GROUP, INC.
ATTN: MR. JESSE TAYLOR
P.O. BOX 4845
MIDLAND, TEXAS 79704
FAX: 915-520-4310
FAX: 505-392-3760

Sample Type: Soil
Sample Condition: Intact/Iced
Project #: EOT1025C
Project Name: TNM 97-18
Project Location: Hwy. 18 New Mexico

Sampling Date: 03/16/00
Receiving Date: 03/27/00
Analysis Date: 03/28/00

ELT#	FIELD CODE	GRO C6-C10 mg/kg	DRO >C10-C28 mg/kg
24338	GP1 001 4ft.	<10	39
24339	GP1 002 7 ft.	<10	20
24340	GP1 003 10 ft.	<10	1102
24341	GP2 001 4 ft.	<10	98
24342	GP2 002 7 ft.	<10	40
24343	GP2 003 10 ft.	<10	23
24344	GP2 004 13 ft.	<10	37
24345	GP2 005 16 ft.	<10	<10
24346	GP2 006 23 ft.	<10	<10
24347	GP3 001 4 ft.	<10	<10
24348	GP3 002 7 ft.	<10	192
24349	GP3 003 10 ft.	<10	1715
24350	GP3 004 13 ft.	<10	332
24351	GP3 005 16 ft.	<10	126
24352	GP3 006 19 ft.	<10	75
24353	GP3 007 22 ft.	<10	51
24354	GP6 001 4 ft.	<10	56
24355	GP6 002 7 ft.	<10	679
24356	GP6 003 10 ft.	<10	2156
24357	GP6 004 13 ft.	<10	385
24358	GP6 005 16 ft.	<10	161
24359	GP6 006 19 ft.	<10	103
24360	GP6 007 22 ft.	<10	112
	%INSTRUMENT ACCURACY	104	106
	% EXTRACTION ACCURACY	118	118
	BLANK	<10	<10

Methods: EPA SW 846-8015M GRO/DRO


Raland K. Tuttle

3-31-00
Date

CHAIN-OF-CUSTODY RECORD AND ANALYSIS REQUEST

Project Name & Address:						Company Name & Address:						Project Location:						Project Name:						Analysis Request					
Jesse Taylor						ETGE						FOT 025C						TNM 97-18											
Phone #: 915-664-9166 Fax #: 915-664-9167						Phone #: 915-664-9166 Fax #: 915-664-9167						May 18 New Mexico						Jesse Taylor											
LAB # (LAB USE ONLY)		FIELD CODE		# CONTAINERS	VOLUME/AMOUNT	MATRIX				PRESERVATIVE METHOD				SAMPLING DATE		TIME		TCLP Metals Ag As Ba Cd Cr Pb Hg Se		TCLP Semivolatiles		TDS		RCL					
						AIR	SLUDGE	OTHER	HCL	HNO3	ICE	MHDE	OTHER	DATE	TIME														
24338	GPI 001	Y 4T	40Z			X					X			3/1															
24339	GPI 002	7FT	40Z			X					X			3/1															
24340	GPI 003	10FT	40Z			X					X			3/1															
24341	GPI 001	4FT	40Z			X					X			3/20															
24342	GPI 002	7FT	40Z			X					X			3/20															
24343	GPI 003	10FT	40Z			X					X			3/20															
24344	GPI 004	13FT	40Z			X					X			3/21															
24345	GPI 005	16FT	40Z			X					X			3/21															
24346	GPI 006	23FT	40Z			X					X			3/21															
24347	GPI 001	4FT	40Z			X					X			3/21															
24348	GPI 002	7FT	40Z			X					X			3/21															

Relinquished by: [Signature] Date: 3/27/06 Time: 1000 Received by: [Signature]

Relinquished by: [Signature] Date: [] Time: [] Received by: [Signature]

Relinquished by: [Signature] Date: [] Time: [] Received by: [Signature]

FAX RESULTS ASAP

**SUMMARY OF SOIL CHEMISTRY
TNM 97-18 RELEASE SITE
LEA COUNTY, NM
ETGI PROJECT #EOT1025C**

[illegible]

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

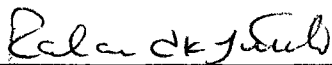
SampleType: Soil
Sample Condition: Intact/ Iced
Project #: EOT 1025C
Project Name: TNM 97-18
Project Location: Monument, N.M.

Sampling Date: 03/28/00
Receiving Date: 03/29/00
Analysis Date: 3/30, 3/31 & 4/3/00

ELT#	FIELD CODE	BENZENE mg/kg	TOLUENE mg/kg	ETHYLBENZENE mg/kg	m,p-XYLENE mg/kg	o-XYLENE mg/kg
24393	GP4 001 4	<0.100	<0.100	<0.100	<0.100	<0.100
24394	GP4 002 7	<0.100	<0.100	<0.100	<0.100	<0.100
24395	GP4 003 10	<0.100	<0.100	0.116	0.182	<0.100
24396	GP4 004 13	0.193	<0.100	17.6	7.99	5.87
24397	GP4 005 16	0.457	5.14	32.8	32.3	12.6
24398	GP4 006 19	0.493	18.1	51.3	56.4	18.4
24399	GP4 007 22	<0.100	6.42	12.0	14.2	5.80
24400	GP5 001 4	<0.100	<0.100	<0.100	0.107	<0.100
24401	GP5 002 7	<0.100	<0.100	<0.100	<0.100	<0.100
24402	GP5 003 10	<0.100	<0.100	0.243	0.340	<0.100
24403	GP5 004 13	0.105	<0.100	17.8	7.44	5.43
24404	GP5 005 16	<0.100	3.44	20.6	20.1	9.10
24405	GP5 006 19	1.06	36.2	79.2	86.3	34.2
24406	GP5 007 22	0.805	25.2	35.9	37.7	13.2
24407	GP7 001 4	<0.100	<0.100	<0.100	<0.100	<0.100
24408	GP7 002 7	<0.100	<0.100	0.187	<0.100	0.238
24409	GP7 003 10	<0.100	<0.100	<0.100	<0.100	<0.100

% IA	99	96	97	99	91
% EA	103	102	128	134	104
BLANK	<0.100	<0.100	<0.100	<0.100	<0.100

METHODS: SW 846-8021B,5030


Raland K. Tuttle

4-5-00
Date

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

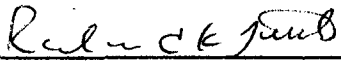
SampleType: Soil
Sample Condition: Intact/ Iced
Project #: EOT 1025C
Project Name: TNM 97-18
Project Location: Monument, N.M.

Sampling Date: 03/28/00
Receiving Date: 03/29/00
Analysis Date: 4/01/00

ELT#	FIELD CODE	BENZENE mg/kg	TOLUENE mg/kg	ETHYLBENZENE mg/kg	m,p-XYLENE mg/kg	o-XYLENE mg/kg
24410	GP7 004 13	<0.100	<0.100	<0.100	<0.100	<0.100
24411	GP8 001 4	<0.100	<0.100	<0.100	<0.100	<0.100
24412	GP8 002 7	<0.100	<0.100	<0.100	0.121	<0.100
24413	GP8 003 10	<0.100	<0.100	<0.100	<0.100	<0.100
24414	GP8 004 13	<0.100	<0.100	<0.100	<0.100	<0.100
24415	GP8 005 16	<0.100	0.107	<0.100	0.270	0.123
24416	GP8 006 19	<0.100	<0.100	1.04	2.01	<0.100
24417	GP9 001 4	<0.100	<0.100	<0.100	<0.100	<0.100
24418	GP9 002 7	<0.100	<0.100	9.69	15.1	7.13
24419	GP9 003 10	<0.100	<0.100	4.43	9.11	3.74
24420	GP9 004 13	<0.100	<0.100	11.8	22.7	3.99
24421	GP9 005 16	1.61	<0.100	11.2	20.9	<0.100
24422	GP9 006 19	<0.100	<0.100	9.11	20.8	<0.100

% IA	100	96	97	100	91
% EA	97	94	97	100	92
BLANK	<0.100	<0.100	<0.100	<0.100	<0.100

METHODS: SW 846-8021B,5030


Randal K. Tuttle

4-5-00
Date

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

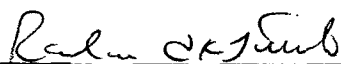
SampleType: Soil
Sample Condition: Intact/ Iced
Project #: EOT 1025C
Project Name: TNM 97-18
Project Location: Monument, N.M.

Sampling Date: 03/28/00
Receiving Date: 03/29/00
Analysis Date: 4/02/00

ELT#	FIELD CODE	BENZENE mg/kg	TOLUENE mg/kg	ETHYLBENZENE mg/kg	m,p-XYLENE mg/kg	o-XYLENE mg/kg
24423	GP10 001 4	<0.100	<0.100	<0.100	<0.100	<0.100
24424	GP10 002 7	<0.100	<0.100	<0.100	<0.100	<0.100
24425	GP10 003 10	<0.100	0.190	<0.100	0.214	<0.100
24426	GP10 004 13	<0.100	<0.100	<0.100	<0.100	<0.100
24427	GP10 005 16	<0.100	<0.100	<0.100	<0.100	<0.100

% IA	95	96	100	106	97
% EA	94	98	99	105	96
BLANK	<0.100	<0.100	<0.100	<0.100	<0.100

METHODS: SW 846-8021B,5030


Raland K. Tuttle

4-5-00
Date

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

Sample Type: Soil
Sample Condition: Intact/Iced
Project #: EOT1025C
Project Name: TNM 97-18
Project Location: Monument, N.M.

Sampling Date: 03/28/00
Receiving Date: 03/29/00
Analysis Date: 03/30/00

ELT#	FIELD CODE	GRO	DRO
		C6-C10 mg/kg	>C10-C28 mg/kg
24393	GP4 001 4	<10	<10
24394	GP4 002 7	<10	64
24395	GP4 003 10	98	3940
24396	GP4 004 13	407	1287
24397	GP4 005 16	1399	4304
24398	GP4 006 19	1357	3763
24399	GP4 007 22	105	63
24400	GP5 001 4	<10	153
24401	GP5 002 7	<10	112
24402	GP5 003 10	174	5536
24403	GP5 004 13	959	3660
24404	GP5 005 16	770	2690
24405	GP5 006 19	3130	7782
24406	GP5 007 22	181	804
24407	GP7 001 4	<10	304
24408	GP7 002 7	<10	2324
24409	GP7 003 10	<10	261
24410	GP7 004 13	<10	128
24411	GP8 001 4	<10	53
% INSTRUMENT ACCURACY		99	114
% EXTRACTION ACCURACY		99	113
BLANK		<10	<10

Methods: EPA SW 846-8015M GRO/DRO


Raland K. Tuttle

4-5-00
Date

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

Sample Type: Soil
Sample Condition: Intact/Iced
Project #: EOT1025C
Project Name: TNM 97-18
Project Location: Monument, N.M.

Sampling Date: 03/28/00
Receiving Date: 03/29/00
Analysis Date: 03/30/00

ELT#	FIELD CODE	GRO C6-C10 mg/kg	DRO >C10-C28 mg/kg
24412	GP8 002 7	<10	492
24413	GP8 003 10	11	3624
24414	GP8 004 13	<10	115
24415	GP8 005 16	<10	81
24416	GP8 006 19	113	1099
24417	GP9 001 4	<10	4322
24418	GP9 002 7	655	1888
24419	GP9 003 10	756	2664
24420	GP9 004 13	2482	6660
24421	GP9 005 16	476	929
24422	GP9 006 19	2364	5114
24423	GP10 001 4	<10	241
24424	GP10 002 7	<10	121
24425	GP10 003 10	<10	33
24426	GP10 004 13	<10	50
24427	GP10 005 16	<10	14

% INSTRUMENT ACCURACY	87	111
% EXTRACTION ACCURACY	94	103
BLANK	<10	<10

Methods: EPA SW 846-8015M GRO/DRO


Raland K. Tuttle

4-5-00
Date

Environmental Lab of Texas, Inc. 12600 West 1-20 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 #: 970-44-1058

Company Name & Address: ETGI
Project #: E01025C
Project Location: Monument NM

Project Name: TNM 97-18
Sampler Signature: *[Signature]*

ANALYSIS REQUEST

Pg 1 of 3

LAB # (LAB USE ONLY)	FIELD CODE	# CONTAINERS	Volume/Amount	MATRIX						PRESERVATIVE METHOD				DATE	TIME
				WATER	SOIL	AIR	SLUDGE	OTHER	HCL	HNO3	ICE	NONE	OTHER		
24393	GP4 001 4	402		X					X					3/29	
24394	GP4 002 7														
24395	GP4 003 10														
24396	GP4 004 13														
24397	GP4 005 16														
24398	GP4 006 19														
24399	GP4 007 22														
24400	GP5 001 4														
24401	GP5 002 7														
24402	GP5 003 10														
24403	GP5 004 13														
Relinquished by: 24404	GP5 005														

REMARKS

Received by:

Time:

Date:

Relinquished by:

Received by:

Time:

Date:

Relinquished by:

FAX RESULTS ASAP

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

3/29

TNM 97-18

ETGI

Jesse Taylor

Project Manager:

Environmental Lab of Texas, Inc. 12600 West 1-20 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 #: 970-44-1058

Company Name & Address: ETGI
Project #: E01025C
Project Location: Monument NM

Project Name: TNM 97-18
Sampler Signature: *[Signature]*

ANALYSIS REQUEST

Pg 1 of 3

LAB # (LAB USE ONLY)	FIELD CODE	# CONTAINERS	Volume/Amount	MATRIX						PRESERVATIVE METHOD				DATE	TIME
				WATER	SOIL	AIR	SLUDGE	OTHER	HCL	HNO3	ICE	NONE	OTHER		
24393	GP4 001 4	402		X					X					3/29	
24394	GP4 002 7														
24395	GP4 003 10														
24396	GP4 004 13														
24397	GP4 005 16														
24398	GP4 006 19														
24399	GP4 007 22														
24400	GP5 001 4														
24401	GP5 002 7														
24402	GP5 003 10														
24403	GP5 004 13														
Relinquished by: 24404	GP5 005														

REMARKS

Received by:

Time:

Date:

Relinquished by:

Received by:

Time:

Date:

Relinquished by:

FAX RESULTS ASAP

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

3/29

TNM 97-18

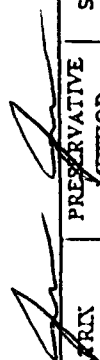

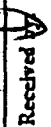

ETGI

Jesse Taylor

Project Manager:

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 #: 915-664-9164		ANALYSIS REQUEST		PG 2 of 3					
Company Name & Address: ETGI		FAX #: 970-461-1058		Total Metals Ag As Ba Cd Cr Pb Hg Se		TCLP Metals Ag As Ba Cd Cr Pb Hg Se					
Project #: E051025C		Project Name: TNM 97-18		TCLP Volatiles		TCLP Semi Volatiles					
Project Location: Monterey NM		Sampler Signature: 		TPH 418.1		RCI					
LAB # (LAB USE ONLY)	FIELD CODE	# CONTAINERS	Volume/Amount	MATRIX	PRESERVATIVE METHOD				DATE	TIME	
					WATER	AIR	SLUDGE	OTHER			HCL
24405	6P5 006 19	401		X					X	3/28	
24406	6P5 007 22										
24407	6P7 001 4										
24408	6P7 002 7										
24409	6P7 003 10										
24410	6P7 004 13										
24411	6P8 001 4										
24412	6P8 002 7										
24413	6P8 003 10										
24414	6P8 004 13										
24415	6P8 005 16										
Relinquished by:  24416		Date: 3/28/00		Time: 15:00		Received by: 		REMARKS: ✓			
Relinquished by:		Date:		Time:		Received by:		REMARKS: ✓			
Relinquished by:		Date: 3/29/00		Time: 8:00		Received by: 		REMARKS: ✓			

FAA RESULTS !

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 #: 915-664-9164		ANALYSIS REQUEST		Pg 3 of 3	
Company Name & Address: ETGI		FAX #: 915-664-9164		TCLP Metals Ag As Ba Cd Cr Pb Hg Se			
Project #:		Project Name:		TCLP Volatiles			
Project Location:		TNM 97-18		TCLP Semi Volatiles			
Monument NIM		Sampler Signature:		Total Metals Ag As Ba Cd Cr Pb Hg Se			
LAB # (LAB USE ONLY)		FIELD CODE		TPH 418.1			
24417		GP9 001 4		BTEX 810/5030			
24418		GP9 002 7					
24419		GP9 003 10					
24420		GP9 004 13					
24421		GP9 005 16					
24422		GP9 006 19					
24423		GP10 001 4					
24424		GP10 002 7					
24425		GP10 003 10					
24426		GP10 004 13					
24427		GP10 005 16					
Relinquished by:		Date:		Received by:		REMARKS	
[Signature]		3/28/01				FAX RESULTS ASAP!	
Relinquished by:		Date:		Received by:			
[Signature]		3/29/00					
Relinquished by:		Date:		Received by Laboratory:			
[Signature]		3/29/00		C. Keene			

ATTACHMENT C

New Mexico Office of the State Engineer
Well Reports and Downloads

Township: 20S Range: 37E Sections: 20,21,22,27,28,29,32,33,34

NAD27 X: Y: Zone: Search Radius:

County: Basin: Number: Suffix:

Owner Name: (First) (Last) Non-Domestic Domestic All

WELL DATA REPORT 06/27/2000

(acre ft per annum)				(quarters are biggest to smallest)			
DB File Nbr	Use	Diversion	Owner	Well Number	Tws	Rng	Sec q q q Zone
L 02402	DOM	3	GULF REFINING COMPANY-SOUTHER L	02402 APPRO	20S	37E	28 1 4 1
L 07108	SAN		NORTHERN NATURAL GAS CO. L	07108 EXP	20S	37E	33 1 2 2
L 07355	SAN	3	NORHTERN NATURAL GAS CO. L	07355	20S	37E	33 1 2 2
L 08157	SAN	3	NORTHERN NATURL GAS CO. L	08157	20S	37E	33 1 2 2
Record Count: 4							

PURPOSE OF USE CODES

<u>Use Code</u>	<u>Description</u>
AGR	AGRICULTURE OTHER THAN IRRIGATION
BPW	BRINE PRODUCTION WELL
COM	COMMERCIAL
CON	CONSTRUCTION
CPS	CATHODIC PROTECTION WELL
DAI	DAIRY OPERATION
DEW	DEWATERING WELL
DOM	72-12-1 DOMESTIC ONE HOUSEHOLD
EXP	EXPLORATION
FGP	FISH AND GAME PROPOGATION
FPO	FEED PEN OPERATION
HWY	HIGHWAY CONSTRUCTION
IND	INDUSTRIAL
INJ	INJECTION
IRR	IRRIGATION
MDW	COMMUNITY TYPE USE - MDWCA, PRIVATE OR COMMERCIAL SUPPLIED
MFG	MANUFACTURING
MIL	MILITARY - MILITARY INSTALLATIONS
MIN	MINING OR MILLING OR OIL
MOB	MOBILE HOME PARKS
MON	MONITORING WELL
MPP	MEAT PACKING PLANT
MUL	72-12-1 MULTIPLE DOMESTIC HOUSEHOLDS
MUN	MUNICIPAL - CITY OR COUNTY SUPPLIED WATER
NON	NON-PROFIT ORGANIZATIONAL USE
NOT	NO USE OF RIGHT OR POD
NRT	NO RIGHT
OBS	OBSERVATION
OFM	OIL FIELD MAINTENANCE
OIL	OIL PRODUCTION
POU	POULTRY AND EGG OPERATION
PPP	PETROLEUM PROCESSING PLANT
PRO	72-12-1 PROSPECTING OR DEVELOPMENT OF NATURAL RESOURCE
PUB	2-12-1 CONSTRUCTION OF PUBLIC WORKS
REC	RECREATION
SAN	72-12-1 SANITARY IN CONJUNCTION WITH A COMMERCIAL USE
SCH	SCHOOL USE - PUBLIC, PRIVATE, PAROCHIAL, & UNIVERSITIES
SRO	SECONDARY RECOVERY OF OIL
STK	72-12-1 LIVESTOCK WATERING
STO	STORAGE
SUB	SUBDIVISION
UTL	PUBLIC UTILITY



STATE OF NEW MEXICO
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION

2040 S. PACHECO
SANTA FE, NEW MEXICO 87505
(505) 827-7131

April 20, 2000

CERTIFIED MAIL
RETURN RECEIPT NO: 5051-2986

Mr. Glen Waldrop
EOTT Energy Pipeline Limited Partnership
P.O. Box 1660
Midland, Texas 79702

**RE: STAGE 1 GROUND WATER ABATEMENT PLAN (AP-13)
TNM-97-18 SITE**

Dear Mr. Waldrop:

The New Mexico Oil Conservation Division (OCD) has reviewed EOTT Energy Pipeline Limited Partnership's (EOTT) January 5, 2000 "STAGE 1 GROUND WATER ABATEMENT PLAN (AP-13), TNM-97-18 SITE". This document contains EOTT's Stage 1 work plan proposal for investigation of the extent of soil and ground water contamination related to a crude oil spill at EOTT's TNM-97-18 site located in Section 28, Township 20 South, Range 37 East, NMPM, Lea County, New Mexico.

The OCD has identified the following deficiencies in the above referenced document and therefore the proposed Stage 1 Investigation plan is not administratively complete:

1. The document does not contain a plan to determine the extent of soil contamination at the site of the leak. Please provide such a plan.
2. The document does not contain a plan to inventory all water wells inside and within one mile from the perimeter of the site. Please provide such a plan.
3. The document proposes to install 1 additional monitoring well to determine the downgradient extent of ground water contamination. However, the document does not contain a plan to determine the lateral extent of the ground water contamination. Please provide such a plan.

The OCD requires that EOTT submit the above information to the OCD by May 19, 2000 with a copy provided to the OCD Hobbs District Office.

If you have any questions or comments, please contact me at (505) 827-7154 .

Sincerely,

A handwritten signature in black ink, appearing to read 'W. C. Olson', written in a cursive style.

William C. Olson
Hydrologist
Environmental Bureau

xc: Chris Williams, OCD Hobbs District Office
Jesse Taylor, Environmental Technology Group, Inc.

EOTT ENERGY Pipeline Limited Partnership

P.O. BOX 1660
5805 E. BUSINESS 20
MIDLAND, TEXAS 79702
(915) 682-3761

FEDERAL EXPRESS
AIR BILL # 8170 0342 3660

March 30, 2000

State of New Mexico
Oil Conservation Division
2040 S. Pacheco
Santa Fe, NM 87505
Attn: William Olson

RE: ANNUAL GROUND WATER MONITORING REPORTS

Dear Mr. Olson:

Attached please find the 2000 Annual Groundwater Monitoring Reports for the following sites:

Monument #18	Monument #10
Monument #17	TNM-97-16 (Becky Jo Doom site)
Monument #2	HDO-90-23
Monument #15	SPS-11
TNM-97-17	TNM-98-02
TNM-97-18	TNM-98-S01
TNM-98-05A	TNM-97-23
TNM-96-16	TNM-95-10 (Saunders)
TNM-97-14	TNM-97-04 (Townsend)

I hope all meets with OCD requirements for closure of the site but if you have any questions, please don't hesitate to call me at 915/684-3467.

Sincerely,



Lennah Frost
Sr. Environmental Engineer

cc: Environmental File

EOTT ENERGY Pipeline Limited Partnership

P.O. BOX 1660
5805 E. BUSINESS 20
MIDLAND, TEXAS 79702
(915) 682-3761

January 5, 2000

State of New Mexico
Oil Conservation Division
2040 S. Pacheco
Santa Fe, NM 87505
Attn: William Olson

RECEIVED

JAN 12 2000

ENVIRONMENTAL BUREAU
OIL CONSERVATION DIVISION

**RE: STAGE 1 GROUND WATER ABATEMENT PLAN (AP-13)
TNM-97-18 SITE**

Dear Mr. Olson:

As per your letter dated December 22, 1999, attached please find EOTT's additional Subsurface Investigation Report and Stage 1 Abatement Plan for the above captioned leaksite. This information should meet and/or exceed the requirements set out in your letter.

I hope all meets with OCD approval but if you have any questions, please don't hesitate to call.

Sincerely,



Lennah Frost
Sr. Environmental Engineer

/attachments

cc: NMOCD - Hobbs



STATE OF NEW MEXICO
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION
2040 S. PACHECO
SANTA FE, NEW MEXICO 87505
(505) 827-7131

December 22, 1999

CERTIFIED MAIL
RETURN RECEIPT NO: Z-274-520-745

Ms. Lennah Frost
EOTT Energy Pipeline Limited Partnership
P.O. Box 1660
Midland, Texas 79702

**RE: STAGE 1 GROUND WATER ABATEMENT PLAN (AP-13)
TNM-97-18 SITE**

Dear Ms. Frost:

The New Mexico Oil Conservation Division (OCD) has reviewed EOTT Energy Pipeline Limited Partnership's (EOTT) October 4, 1999 "ADDITIONAL DATA REQUIRED TO COMPLETE STAGE 1 ABATEMENT PLANS FOR THE FOLLOWING SITES: SPS-11 LEA COUNTY, NEW MEXICO; TNM-98-05A LEA COUNTY, NEW MEXICO; TNM-97-14 LEA COUNTY, NEW MEXICO; TNM-97-16 LEA COUNTY, NEW MEXICO; TNM-97-17 LEA COUNTY, NEW MEXICO; TNM-97-18 LEA COUNTY, NEW MEXICO". This document, which was submitted on behalf of EOTT by their consultant Environmental Technology Group, Inc., contains EOTT's work plans for installation of additional monitor wells at a number of EOTT crude oil pipeline spill sites

The above referenced work plan for the TNM-97-18 is not administratively complete since this document conflicts with the EOTT's prior August 30, 1999 proposed Stage 1 Plan Proposal and only contains partial information required under OCD Rule 19. The OCD requires that EOTT submit a single comprehensive Stage 1 Abatement Plan Proposal for the TNM-97-18 site pursuant to 19NMAC.15.A.19.E.3 which includes:

- a. Descriptions of the site, including a site map, and of site history including the nature of the release that caused the water pollution and a summary of previous investigations.
- b. A detailed site investigation work plan to define the site geology and hydrogeology, the vertical and horizontal extent and magnitude of vadose-zone and ground water contamination, the rate and direction of contaminant migration, and an inventory of water wells inside and within one mile from the perimeter of the site.

- c. A monitoring program, including sampling stations and frequencies, for the duration of the abatement plan.
- d. A quality assurance plan consistent with the sampling and analytical techniques listed in 20 NMAC.6.2.3017.B for all work to be conducted pursuant to the abatement plan.
- e. A schedule for all Stage 1 abatement plan activities, including the submission of a detailed final site investigation report to the OCD for approval.
- f. Any additional information necessary to design and perform an adequate site investigation.

The OCD requires that EOTT submit the above information to the OCD by January 27, 2000 with a copy provided to the OCD Hobbs District Office.

The OCD also requires that in the future EOTT submit separate work plans and reports for each site since some of the sites are being remediated under different rules and regulations

If you have any questions or comments, please contact me at (505) 827-7154 .

Sincerely,



William C. Olson
Hydrologist
Environmental Bureau

xc: Chris Williams, OCD Hobbs District Office
Jesse Taylor, Environmental Technology Group, Inc.

EOTT ENERGY Pipeline Limited Partnership

P.O. BOX 1660
5805 E. BUSINESS 20
MIDLAND, TEXAS 79702
(915) 682-3761

October 15, 1999

State of New Mexico
Oil Conservation Division - Hobbs District Office
1625 N. French Dr.
Hobbs, NM 88240
Attn: Donna Williams

684-3400
RECEIVED

OCT 25 1999

ENVIRONMENTAL BUREAU
OIL CONSERVATION DIVISION

RE: Installation of Additional Monitor Wells in Lea County, NM

Dear Ms. Williams:

Below is a list of old Texas-New Mexico Pipeline sites that require additional monitor wells to be installed. Also on this list are 3 EOTT sites that require additional and/or new monitor wells.

TNM - SPS-11	TNM - 98-05A
TNM - 97-14	TNM - 97-16
TNM - 97-17	TNM - 97-18
EOTT - Darr Angell site #1	
EOTT - Darr Angell site #2	
EOTT - leak #TNM-LF-59	

We will begin drilling these wells on Monday, October 25, 1999 and will proceed from site to site on a geographic basis. The SPS-11 site is scheduled first. I will be out of town that week but Wayne Brunette will be coordinating drilling activity with our contractor Jerry Nickell and Allan Eades of Eades Drilling. Wayne's number is 915/556-0190. If you would like to be present at any of these installations, please contact Wayne to verify time and locations for each day's drilling.

Donna, I hope this meets with your approval but if you have any questions or need additional information, please don't hesitate to call me.

Sincerely,



Lennah Frost
Sr. Environmental Engineer

cc: William Olson - NMOCD - Santa Fe
Wayne Brunette
Glenn Waldrop



STATE OF NEW MEXICO
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION
2040 S. PACHECO
SANTA FE, NEW MEXICO 87505
(505) 827-7131

August 30, 1999

CERTIFIED MAIL
RETURN RECEIPT NO: Z-274-520-703

Ms. Lennah Frost
EOTT Energy Pipeline Limited Partnership
P.O. Box 1660
5805 E. Business 20
Midland, Texas 79702

**RE: STAGE 1 GROUND WATER ABATEMENT PLAN (AP-13)
TNM-97-18 SITE**

Dear Ms. Frost:

The New Mexico Oil Conservation Division (OCD) has reviewed EOTT Energy Pipeline Limited Partnership's (EOTT) July 12, 1999 "TNM-97-18 GROUNDWATER ABATEMENT PLAN (AP-13)". This document contains EOTT's proposed Stage 1 abatement plan for soil and ground water contaminated as a result of a crude oil pipeline release at the TNM-97-18 site.

The above referenced document is deficient because it does not contain:

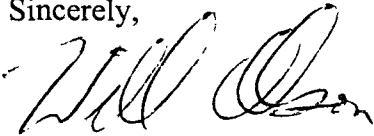
1. A plan for investigation of the extent and magnitude of ground water contamination in excess of the abatement standards of OCD Rule 19.B.
2. A ground water monitoring plan.
3. A plan for monitoring progress and determining completion of the proposed insitu soil remediation.
4. A quality assurance/quality control plan for all soil and ground water quality sampling activities.
5. The composition or chemical constituents of the materials proposed to be injected to promote insitu bioremediation of soils. It is also not clear whether EOTT proposes to inject these materials into the ground water.

6. The intended use of the work plan. In a recent conversation, you indicated that EOTT intends that the above submittal be both a Stage 1 Investigation Plan and a Stage 2 Remediation Plan. Please clarify the intent of the currently submmitted plan. If this plan is both a Stage 1 and a Stage 2 work plan, the plan does not contain a plan for remediation of contaminated ground water.

The OCD requires that EOTT submit the above information to the OCD by September 30, 1999 with a copy provided to the OCD Hobbs District Office.

If you have any questions or comments, please contact me at (505) 827-7154 .

Sincerely,

A handwritten signature in black ink, appearing to read "William C. Olson", written over a horizontal line.

William C. Olson
Hydrologist
Environmental Bureau

xc: Chris Williams, OCD Hobbs District Office

EOTT ENERGY Pipeline Limited Partnership

P.O. BOX 1660
5805 E. BUSINESS 20
MIDLAND, TEXAS 79702
(915) 687-2040

BY CERTIFIED MAIL

May 21, 1999

State of New Mexico
Oil Conservation Division
2040 S. Pacheco
Santa Fe, NM 87505
Attn: William Olson

RE: TNM-97-18 GROUNDWATER ABATEMENT PLAN (AP-13)

Dear Mr. Olson:

EOTT requests permission to install one additional monitor well at the above captioned location prior to submitting an abatement plan. The well be installed at the source of the leak to determine exact hydrocarbon impact on groundwater at this location and to aid in putting together a feasible abatement plan.

We would like to begin installation of the well as soon as approval is received from the NMOCD. Your prompt attention to this matter will be appreciated. If you have any questions or need additional information, please don't hesitate to call me at 915/684-3467.

Sincerely,



Lennah Frost
Sr. Environmental Engineer

cc: Al Hugh - Environmental File



STATE OF NEW MEXICO
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION

2040 S. PACHECO
SANTA FE, NEW MEXICO 87505
(505) 827-7131

May 14, 1999

CERTIFIED MAIL

RETURN RECEIPT NO: Z-274-520-657

Ms. Lennah Frost
EOTT Energy Pipeline Limited Partnership
P.O. Box 1660
Midland, Texas 79702

RE: TNM-97-18 GROUND WATER ABATEMENT PLAN (AP-13)

Dear Ms. Frost:

The New Mexico Oil Conservation Division (OCD) understands that the EOTT Energy Pipeline Limited Partnership (EOTT) is the current operator of the above referenced pipeline site which was previously operated by the Texas-New Mexico Pipe Line Company (TNMPLC). The OCD has reviewed TNMPLC's March 10, 1999 "SUBSURFACE INVESTIGATION REPORT, TNM-97-18, UNIT B, SECTION 28, TOWNSHIP 20 SOUTH, RANGE 37 EAST, LEA COUNTY, NEW MEXICO, KEI JOB NO. 810052-1" which was submitted on behalf of TNMPLC by their consultant KEI. This document contains the results of TNMPLC's installation of a soil boring and ground water monitoring wells at the TNM-97-18 crude oil pipeline spill site.

A review of the above referenced report shows that ground water at the site is contaminated with free phase hydrocarbons as a result of the crude oil spill. Pursuant to 19 NMAC 15.A.19.C.1, the OCD requires an abatement plan for the TNM-97-18 site to abate ground water pollution. To initiate the abatement plan process, the OCD requires that EOTT submit to the OCD by July 19, 1999 a Stage 1 Investigation Proposal pursuant to OCD Rule 19.E.1. and 19.E.3. The Stage 1 Investigation Proposal shall be submitted to the OCD Santa Fe Office with a copy provided to the OCD Hobbs District Office. The Stage 1 Abatement Plan Proposal shall include proof of written notice pursuant to OCD Rule 19.G.(1). A listing of "those persons, as identified by the Director, who have requested notification" pursuant to OCD Rule 19.G.(1)(d) will be provided after EOTT submits a written notification proposal.

If you have any questions, please contact Bill Olson of my staff at (505) 827-7154.

Sincerely,

A handwritten signature in cursive script, appearing to read "Roger C. Anderson".

Roger C. Anderson
Environmental Bureau Chief

xc: Chris Williams, OCD Hobbs District Office
Monica Slentz, KEI

Z 274 520 657

US Postal Service

Receipt for Certified Mail

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Return Receipt Showing to Whom, Date, & Addressee's Address	
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March 10, 1999

Mr. Tony Savoie
TEXAS - NEW MEXICO PIPE LINE COMPANY
P.O. Box 1030
Jal, New Mexico 88252

RECEIVED

MAR 15 1999

ENVIRONMENTAL BUREAU
OIL CONSERVATION DIVISION

Re: Subsurface Investigation Report
TNM-97-18
Unit B, Section 28, Township 20 South, Range 37 East
Lea County, New Mexico
KEI Job No. 810052-1

Dear Mr. Savoie:

Transmitted with this letter is the Subsurface Investigation Report for the installation of 3 monitoring wells (designated MW-1 through MW-3) and 1 soil boring at the referenced site. Please review the report and contact me or Theresa Nix at (210) 680-3767 if you have any questions.

Respectfully,

A handwritten signature in cursive script, reading 'Monica Slentz', is written in black ink.

Monica Slentz
Project Manager

Enclosure

cc: Marc Oler, Equilon
Bill Olson, OCD Santa Fe ✓
OCD Hobbs



5309 Wurzbach, Suite 100
San Antonio, Texas 78238
(210) 680-3767
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NOV 9 1998

November 5, 1998

Mr. Roger Anderson
STATE OF NEW MEXICO
Oil Conservation Division
2040 South Pacheco
Santa Fe, New Mexico 87505

Re: Texas-New Mexico Pipe Line Company
Pipe Line Release Site No. TNM-97-18
Unit B, Section 28, Township 20 South, Range 37 East
Lea County, New Mexico
Job No. 810052-1

Dear Mr. Anderson:

This letter provides written notification of the discovery of Phase-Separate Hydrocarbon (PSH) on ground water at the above referenced site during soil remediation activities.

On November 3, 1998, PSH on ground water was observed during soil boring installation in hydrocarbon-impacted soil at the referenced site, which is located in the NW/4, NE/4 Section 28, Township 20 South, Range 37 East in Lea County, New Mexico. I notified William Olson at your office by phone on November 3, 1998, of this discovery.

TNMPL has installed 3 monitoring wells at the site to further characterize the nature and extent of hydrocarbon impact to ground water. A report summarizing this additional work will be provided to OCD upon its completion. TNMPL expects to reach closure at this site within one year.

If you have any questions please contact me at (210) 680-3767.

Respectfully,

Theresa Nix
Project Manager

cc: Tony Savoie, Equilon
OCD Hobbs District Office



State of New Mexico
ENERGY MINERALS and NATURAL RESOURCES DEPARTMENT
Santa Fe, New Mexico 87505

STATE OF
NEW MEXICO
OIL
CONSERVATION
DIVISION

MEMORANDUM OF MEETING OR CONVERSATION

☒ Telephone ☐ Personal Time 1520 Date 11/3/98

Originating Party

Other Parties

Theresa Nix - KEI
(210) 680-3767

Bill Olson - Envir. Bureau
(voice mail)

Subject

Ground Water Contamination Notification

Discussion

2 sites discovered with Ground Water Contamination (crude oil on water)

TNM- 97-17 - unit L, sec 21, T20S, R37E

TNM- 97-18 - unit B, sec 28, T20S, R37E

Conclusions or Agreements

Distribution

Signed

Bill Olson