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# **REPORTS**

**DATE:**

**1999**

# **EOTT ENERGY Pipeline Limited Partnership**

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

## **VIA FEDERAL EXPRESS**

September 2, 1999

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

**RECEIVED**

**SEP 03 1999**

ENVIRONMENTAL BUREAU  
OIL CONSERVATION DIVISION

**RE: MONUMENT SITE #11  
LEA COUNTY, NEW MEXICO**

Dear Mr. Olson:

Attached please find EOTT's workplan for the above captioned leaksite. We installed 4 monitor wells at this site beginning the week of August 30, 1999.

Our environmental contractor, Enercon, Inc. will be completing a comprehensive report on their findings at this site and this will be submitted to the NMOCD as soon as it is complete. Along with that report we will also be submitting our proposed groundwater abatement plan for your approval.

I realize that this workplan is late in getting to the OCD. EOTT is investigating each leaksite that we acquired from the Texas New Mexico Pipeline acquisition in order to form our own opinions on cleanup and closure of each site. It is my goal to get as many of these sites cleaned up and closed as soon as possible.

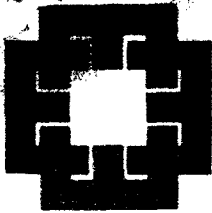
If you have any questions, please don't hesitate to call me at 915/684-3467.

Sincerely,



Lennah Frost  
Sr. Environmental Engineer

cc: Al Hugh - Environmental File  
NMOCD Hobbs District Office



ENERCON SERVICES, INC.  
*An Employee Owned Company*

P.O. Box 51138  
Midland, TX 79710-1138  
Phone & Fax (915) 520-2795

August 2, 1999  
EOT-E99-2002

Ms. Lennah Frost  
EOTT Energy Corporation  
P.O. Box 1660  
Midland, Texas 79702-1660

**RE: WORKPLAN & COST ESTIMATE FOR DRILLING, SAMPLING AND  
INSTALLATION OF FOUR MONITOR WELLS LOCATED AT EOTT-TNM  
MONUMENT SITE 11, LEA COUNTY NEW MEXICO.**

Dear Ms. Frost:

Enercon Services, Inc., (Enercon) is pleased to present this work plan and cost estimate for the installation and sampling of four monitor wells at the above-referenced site located in Lea County, New Mexico.

Our proposal is organized as follows:

- Scope of Work
- Site Safety Plan
- Schedule
- Compensation
- Assumptions

**Scope of Work**

The scope of work was prepared based on a May 5, 1999, New Mexico Oil Conservation District letter approving the proposed Texas New Mexico Pipeline Companies (TNMPLC) recommendation of installation of four (4) monitor wells. Based upon this letter and in coordination with EOTT, Enercon proposes installation of four (4) monitor wells to a depth of approximately 35 feet below surface grade (bsg). The monitor wells will be installed in

Ms. Lennah Frost  
EOT-E99-2002  
August 2, 1999

accordance with previously approved locations (Figure 1). Regional downgradient groundwater direction is to the southeast.

During drilling activities, the soils will be field screened for volatile organic constituents with a Photoionization Detector (PID) using headspace techniques. Two soil samples, one collected from above groundwater and one sample from the zone exhibiting the highest PID measurements will be collected from each soil boring and submitted to Environmental Labs of Texas in Odessa, Texas, for analysis of BTEX and TPH (Dro) using EPA Methods 8020 and 418.1 respectively. The sample exhibiting the highest TPH-Dro will be analyzed for SPLC-VOC, SPLC-SVOC, and SPLP-TPH. The borings will then be converted to monitor wells.

The monitor wells will be installed using a 4-inch inside diameter, schedule 40 polyvinyl chloride riser, and a 15-foot long, 0.010 inch slotted screen. The screen will be placed at the bottom of the boring and extended to 5 feet above the groundwater. Gravel pack will be set around the well screen from the bottom of the well to two feet above the top of the well screen. A two-foot bentonite plug will be placed above the gravel pack. The remainder of the wellbore will be sealed with cement containing 3-5% bentonite, and capped with two feet of cement. The wells will be completed with a monument style cover and a four-foot by four-foot concrete pad and locking cap.

All monitor wells will be gauged then developed by pumping or handbailing a minimum of three well volumes or until conductivity, pH, and temperature have stabilized within 5% for three consecutive readings. Groundwater samples will be collected from all monitor wells without any measurable phase-separated hydrocarbons (PSH) and submitted to Environmental Labs of Texas located in Odessa, Texas, for analysis of benzene, toluene, ethylbenzene and xylene (BTEX) and polycyclic aromatic hydrocarbons (PAH) using EPA Method 8100, total dissolved solids (TDS) from an upgradient monitor well, major cations and anions using various EPA

Ms. Lennah Frost  
EOT-E99-2002  
August 2, 1999

Methods, and New Mexico Water Quality Control Commission (WQCC) metals using EPA Method 6010 or various EPA 700 series method.

All wastes generated will be stored in DOT approved 55-gallon steel drums and stored onsite.

Within two weeks of obtaining analytical results, Enercon will submit to EOTT a report detailing the site activities and summarizing the data collected. The report will include geologic logs, well completion diagrams, Isopleth and groundwater gradient maps, and laboratory analytical data.

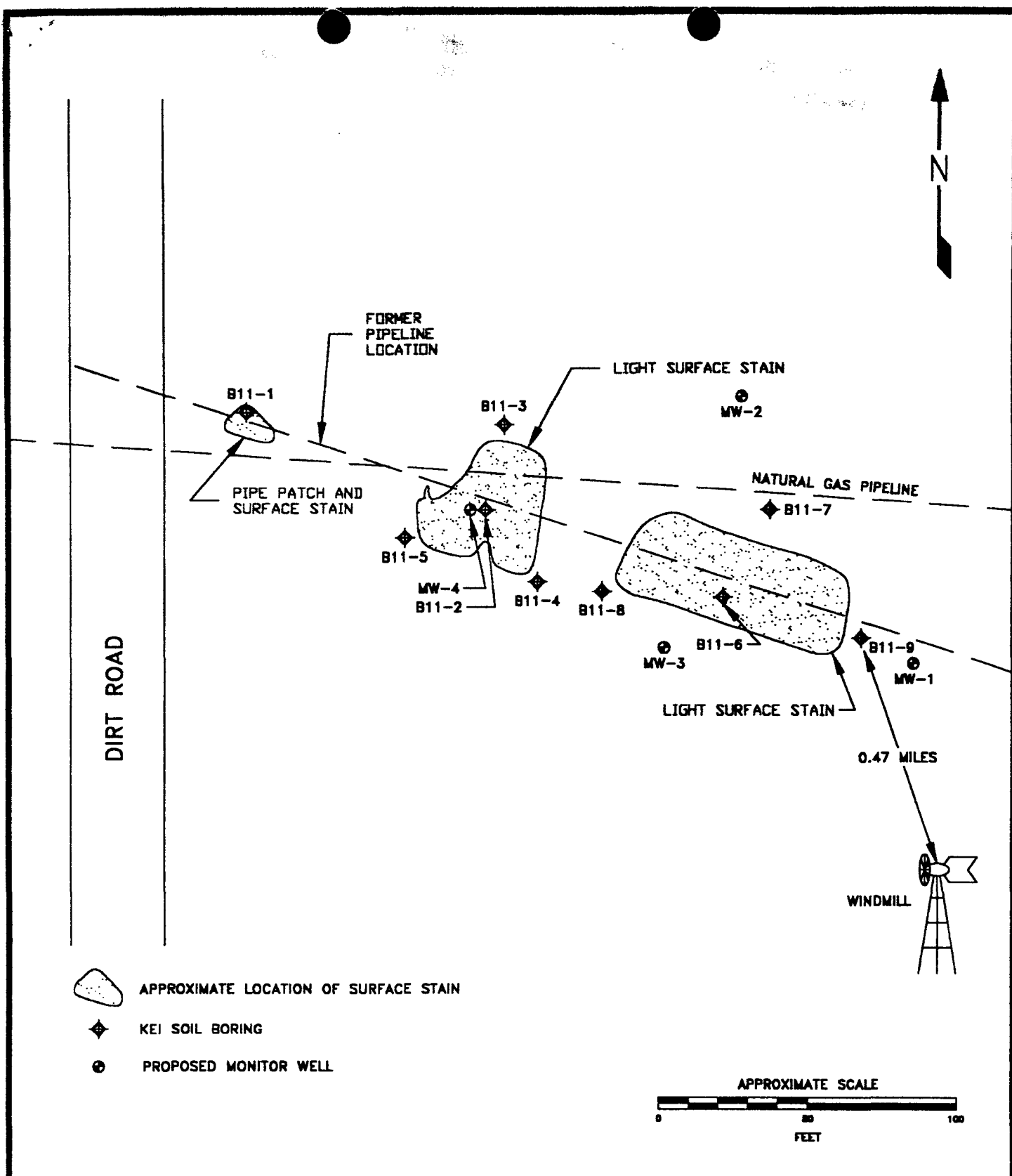
### **Site Safety Plan**

A comprehensive Safety, Health, and Emergency Response Plan (SHERP) is maintained on file in each Enercon office for providing overall guidance to Enercon employees for establishing the safety criteria for employment on project sites. A site-specific health and safety plan is developed for each project site and will be reviewed daily before commencing project activities.

Enercon will ensure that the work is conducted in a manner that is protective of the environment; safety and health of Enercon employees and subcontractors; and in compliance with all U.S. EPA, OSHA, and State Health and Safety statutes and regulations.

### **Schedule**

It is anticipated that the project will be initiated within one week of notification to proceed (dependent on subcontractor availability). Anticipated time for completion of the drilling activities is two and a half 12-hour days, which includes development and sampling of the monitor wells. As always, Enercon is committed to meeting your required schedule.



## SITE DETAILS

EOOT TNM  
MONUMENT SITE NO. 11  
LEA COUNTY, NEW MEXICO



ENERCON SERVICES, INC.  
2775 VILLA CREEK, SUITE 120  
DALLAS, TEXAS 75234  
972/484-3854

DATE  
AUG, 1999  
PROJECT NO.  
EOT-E99-2002

FIGURE  
1