

**AP - 44**

**GENERAL  
CORRESPONDENCE**

**DATE:  
2010-2007**



*Highlander Environmental Corp.*

*Midland, Texas*

AP-44

Gen. Cor.

2010-2007

CERTIFIED MAIL  
RETURN RECEIPT NO.

RECEIVED

JAN 18 2007

Environmental Bureau  
Oil Conservation Division

December 27, 2006

Mr. Wayne Price  
New Mexico Energy, Minerals, & Natural Resources  
Oil Conservation Division, Environmental Bureau  
1220 S. St. Francis Drive  
Santa Fe, New Mexico 87504

RE: **Request for Supplemental Data for Report "Results of Stage 1 Abatement Plan Implementation and Request for Release From Rule 19, at the Eunice Monument Eumont (EME) SWD H-13 Site, Unit H, Section 13, T-20-S, R-36-E, Lea County, New Mexico, NMOCD AP-44", Dated August 18, 2006.**

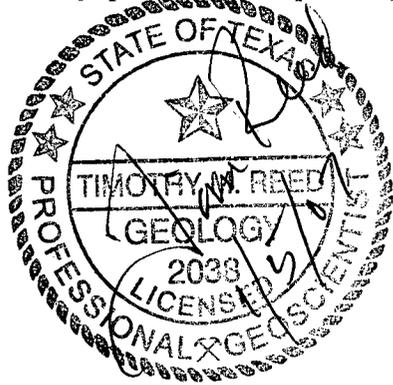
Mr. Price:

The New Mexico Oil Conservation Division Responded to the above-mentioned report on September 27, 2006, in an email memorandum. In that memorandum, the NMOCD stated that "After reviewing the submittal OCD is inclined to agree with your conclusions. In order for OCD to release this site it would be helpful if ROC demonstrates that the groundwater gradient is accurate". Specifically, NMOCD requested the following information:

1. ROC should demonstrate that the groundwater gradient is accurate.

A regional map, showing the site location, in reference to surrounding towns is included as Figure 1. In order to show the regional hydraulic gradient, the site was located on an excerpt of Plate 2, Ground-Water Map of Southern Lea County, New Mexico, from Ground-Water Report 6, "Geology and Ground-Water Conditions of Southern Lea County, New Mexico", from the State Bureau of Mines and Mineral Resources. The excerpt with the H-13 site located is included as Figure 2. As shown on Figure 2, the hydraulic gradient in this area matches the direction shown on the Groundwater Map (Figure 3) of the August 18, 2006 report. A copy of this figure is included as Figure 3.

If you have any questions or require any additional information, please advise.



Respectfully submitted,  
Highlander Environmental Corp.

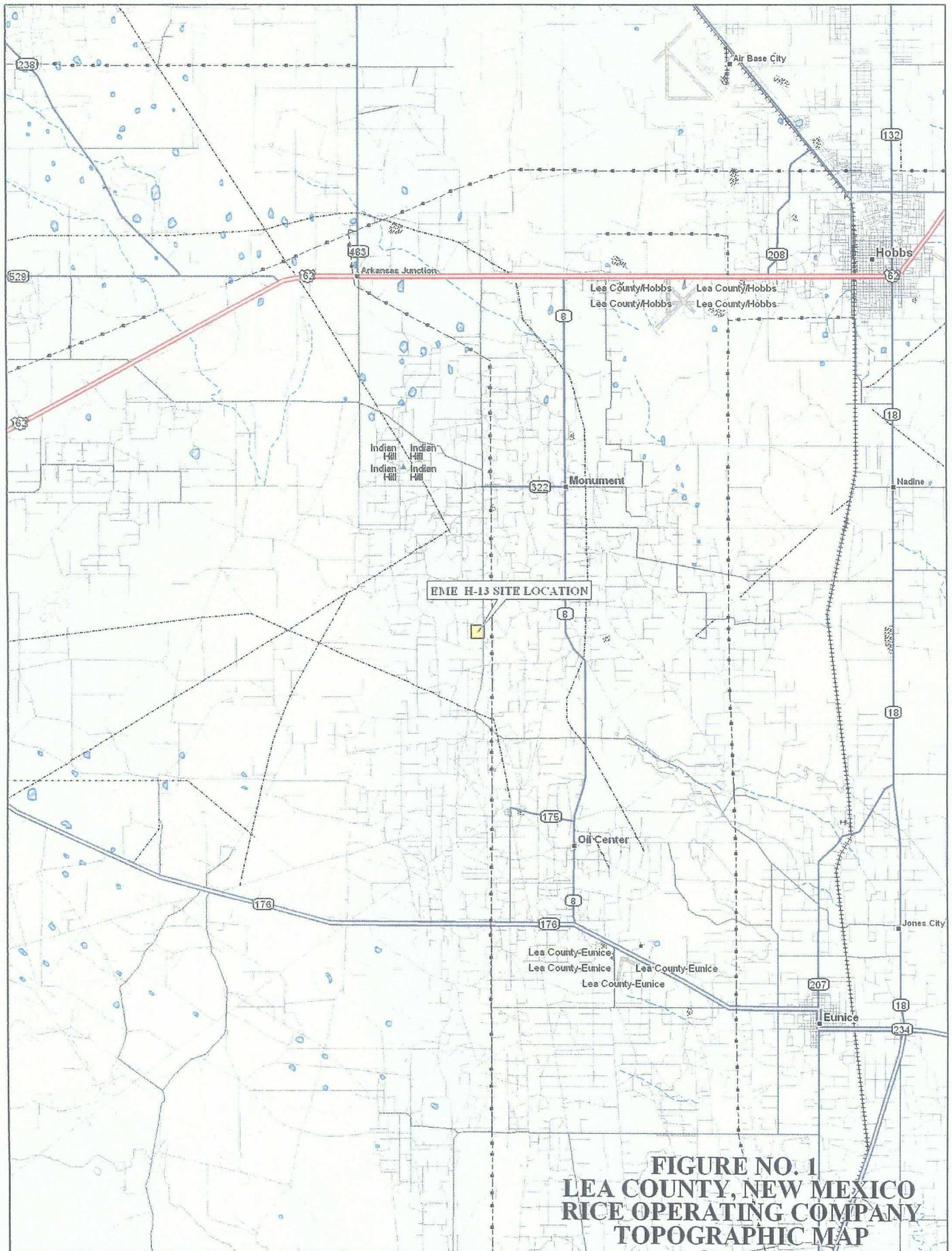
A handwritten signature in black ink that reads "Tim Reed". The signature is written in a cursive style.

Timothy M. Reed, P.G.  
Vice President

cc: ROC, Edward Hansen-NMOCD, Daniel Sanchez -NMOCD  
enclosures: figures



**FIGURES**



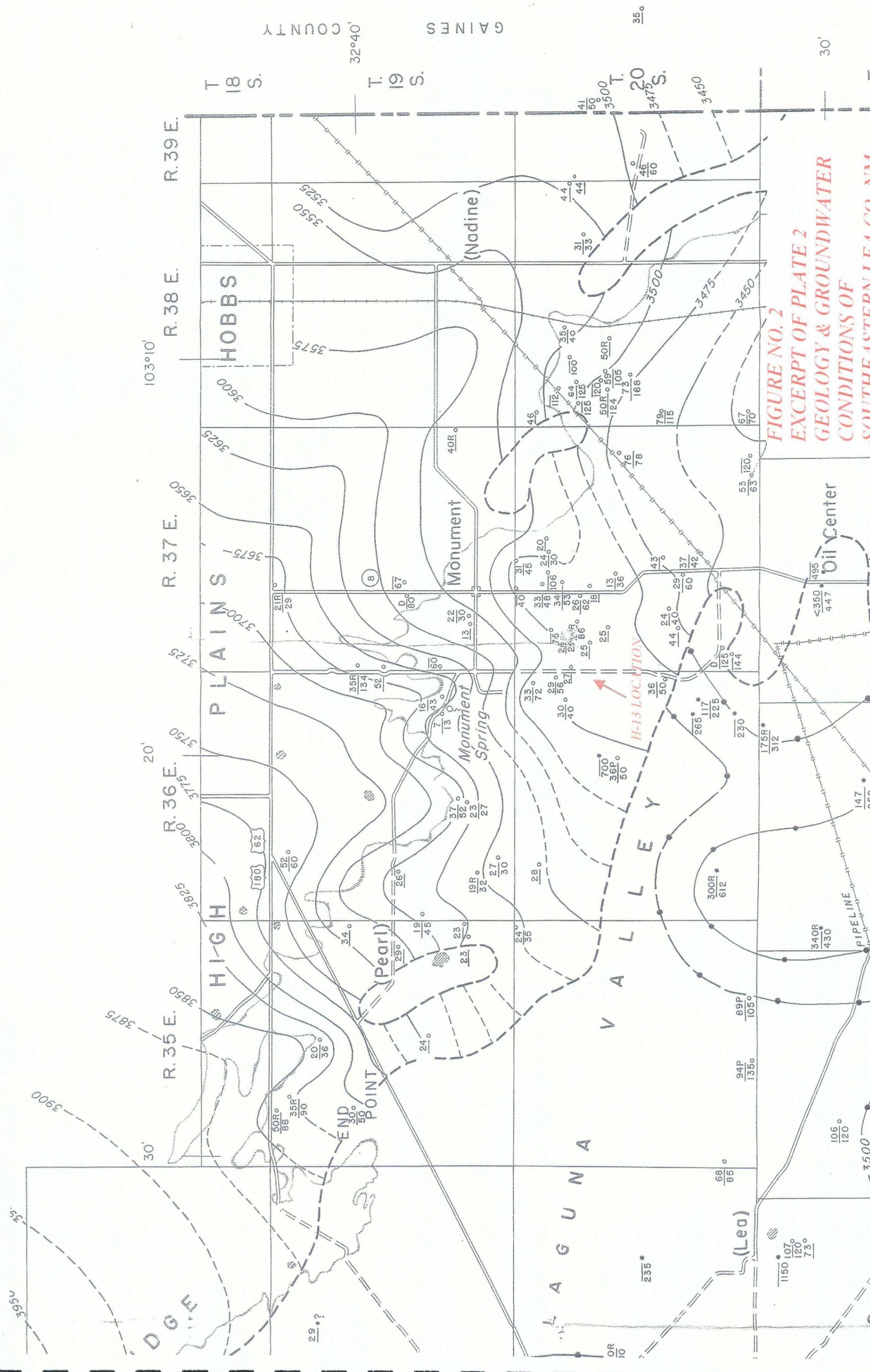
**FIGURE NO. 1  
LEA COUNTY, NEW MEXICO  
RICE OPERATING COMPANY  
TOPOGRAPHIC MAP**



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www.delorme.com

Scale 1 : 200,000  
1" = 3.16 mi





GAINES COUNTY

**FIGURE NO. 2  
EXCERPT OF PLATE 2  
GEOLOGY & GROUNDWATER  
CONDITIONS OF  
SOUTHEASTERN LEA CO. NM**

Oil Center

PIPELINE

103°10'

20'

32°40'

35°

30'

T.

T. 18 S.

T. 19 S.

T. 20 S.

R. 39 E.

R. 38 E.

R. 37 E.

R. 36 E.

R. 35 E.

HOBBS

PLAINS

HIGH

Monument Spring

(Pearl)

END POINT

VALLEY

LAGUNA

(Lea)

H-13 LOCATION

DG

3950

3900

3875

30

3750

3650

3600

3525

3875

3750

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3150

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3100

3075

3050

3025

3000

2975

2950

2925

2900

2875

2850

2825

2800

2775

2750

2725

2700

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2275

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2225

2200

2175

2150

2125

2100

2075

2050

2025

2000

1975

1950

1925

1900

1875

1850

1825

1800

1775

1750

1725

1700

1675

1650

1625

1600

1575

1550

1525

1500

1475

1450

1425

1400

1375

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1300

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1200

1175

1150

1125

1100

1075

1050

1025

1000



FIGURE NO. 3

LEA COUNTY, NEW MEXICO

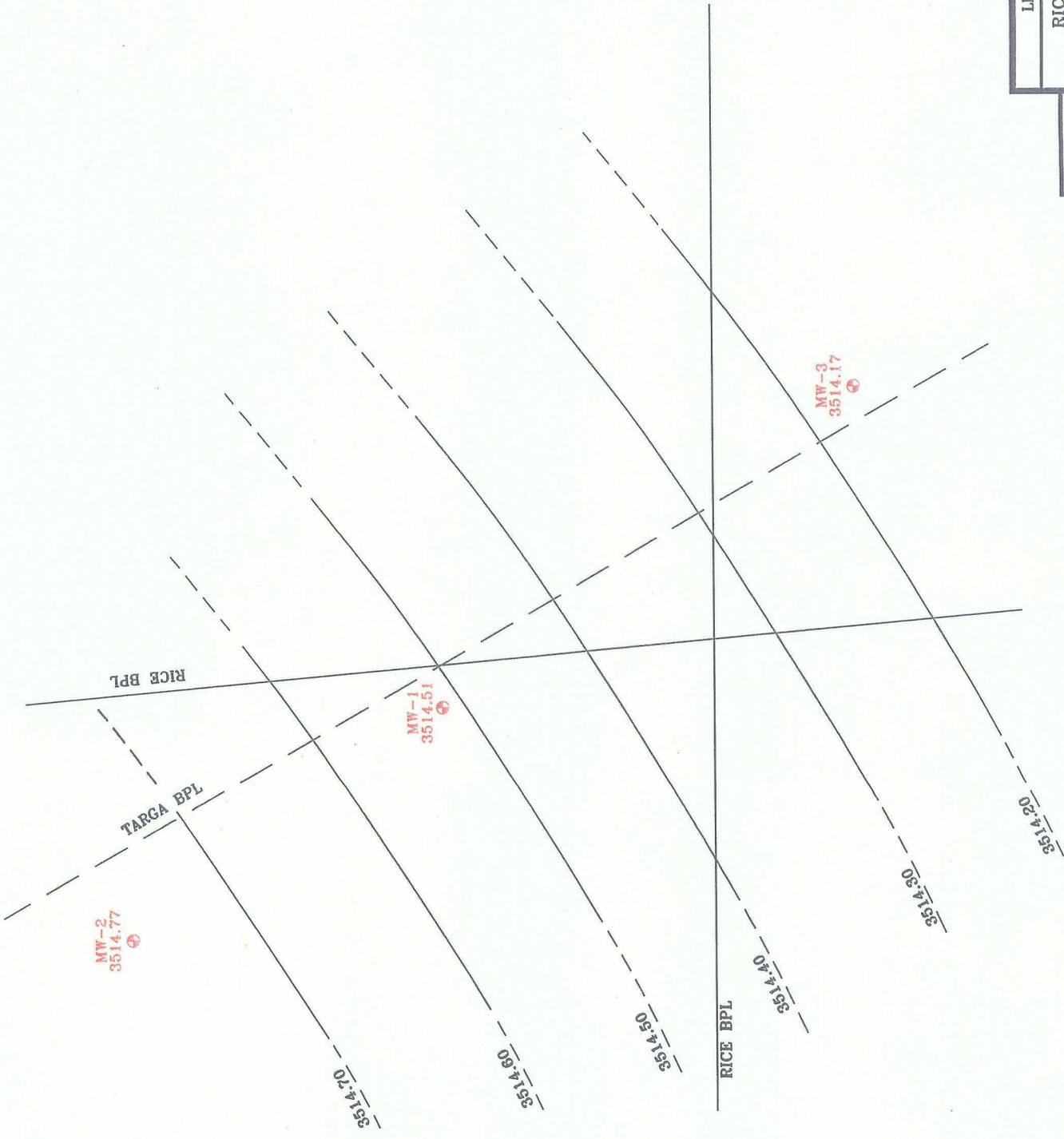
RICE OPERATING COMPANY  
EME H-13 LEAK  
GROUNDWATER MAP

HIGHLANDER ENVIRONMENTAL CORP.  
MIDLAND, TEXAS

DATE:  
8/17/06

DWN. BY:  
JJ

FILE:  
C:\NPEC\3307  
SITE.MXD



NOT TO SCALE

MONITOR WELL LOCATIONS