AP - 44

STAGE 1 & 2 REPORTS

DATE: 2-19-10

TETRA TECH

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February 19, 2010

Mr. Ed Hansen
New Mexico Energy, Minerals, & Natural Resources Department
Oil Conservation Division, Environmental Bureau
1220 South St. Francis Drive
Santa Fe, New Mexico 87505

RE: **Termination Request, Rice Operating Company, Eunice Monument Eumont (EME) Saltwater Disposal System (SWD) H-13 Leak, Unit H, Section 13, T-20-S, R-36-E, Lea County, New Mexico, NMOCD CASE #1R0429 (AP-44).**

Mr. Hansen:

Tetra Tech, Inc. (Tetra Tech) submits the following Termination Request for the Rice Operating Company (ROC), Eunice Monument Eumont (EME) SWD System H-13 Leak. ROC is the service provider (agent) for the EME Salt Water Disposal System and has no ownership of any portion of the pipeline, well or facility. The EME SWD system is owned by a consortium of oil producers, System Parties, who provide all operating capital on a percentage ownership/usage basis. The site is shown on Figures 1 and 2.

1.0 BACKGROUND and PREVIOUS WORK

ROC discovered an accidental discharge at the above referenced site on July 3, 2002. The soil had settled underneath a 4" AC system line causing it to break. According to the C-141 form (Initial) filed on July 11, 2002, the total volume spilled was 10 barrels with 5 barrels recovered and disposed of in the EME SWD system. The pipeline leak was permanently repaired to minimize the potential for further impairment.

Two delineation trenches were excavated on July 22, 2002, one on the east side of the system line and one on the west side of the line. Chloride concentrations in the east trench decreased to 254 mg/kg at a depth of 8 feet below ground surface, while the west trench exhibited elevated chloride levels to 12 feet below ground surface (bgs). A soil boring was drilled on September 25, 2002 to further delineate the depth of impact. Based upon the chloride concentrations and relatively shallow groundwater (~31 feet bgs), this soil boring was completed as a monitoring well. The well was completed to a total depth of 41 feet bgs.

Tetra Tech
1910 North Big Spring, Midland,TX 79705
Tel 432.682.4559 Fax 432.682.3946 www.tetratech.com

On December 13, 2002, the NMOCD was notified of groundwater impact. The monitoring well has been sampled on a quarterly basis since October 2002. The only constituent of concern (COC) at this site is chloride.

STAGE 1 ABATEMENT PLAN IMPLEMENTATION

As part of the Stage 1 Abatement Plan two additional monitor wells were proposed for the site. These two monitor wells (MW-2 and MW-3) were installed on March 23, 2006. MW-2 was placed up-gradient of MW-1, while MW-3 was placed down-gradient. The wells were developed and have been sampled on a quarterly basis since March 2006. These two additional monitor wells have displayed similar qualities to the monitor well placed at the leak site (MW-1), indicating the water quality is impaired over the entire region and not as a result of this release.

RULE 19 RELEASE REQUEST and SOIL WORK PLAN

In a report to the NMOCD dated August 18, 2006, ROC requested release from NMOCD Rule 19 requirements for the groundwater at the site. Additionally, ROC proposed additional assessment and remediation of chloride impacted soils for closure under NMOCD approval. The horizontal extent of chloride impacted soils was to be evaluated with a backhoe. Upon evaluation, the soils were to be excavated to a depth down below the root zone (minimum of 3.0' below ground surface) and an evapotranspiration barrier (non-compacted clay cap) was to be placed into the excavation. The excavated soils were to be evaluated and either placed back into the excavation or transported offsite for disposal. The OCD requested additional information in September 2006 which was provided in December 2006.

In a meeting between Mr. Wayne Price of the NMOCD, ROC, and Highlander on July 18, 2007, the site was evaluated for release from Rule 19 and proposed excavation, evaluation, and placement of the clay liner beneath the root zone (3.0' bgs). It was noted in the discussion, that the site has revegetated and formed a natural evapotranspiration barrier. A current site photo is included in Appendix A. As such, Mr. Price agreed with ROC that since the site has revegetated and formed a natural evapotranspiration barrier, ROC can be released from the proposed excavation and placement of the impervious liner. In a meeting with Mr. Ed Hansen of the NMOCD in January 2008, Mr. Hansen concurred with Mr. Price on releasing ROC from excavating and placement of an impervious liner at the site. With the exception of the meetings on the soils, no response was received from the NMOCD in regards to the termination request for sampling of groundwater at the site.

2.0 MONITOR WELL SAMPLE RESULTS

The chloride concentrations for the monitor wells at the EME H-13 have been consistent but elevated since the wells were installed in 2002 (MW-1) and 2006 (MW-2 and MW-3). The chloride concentrations have ranged from 1,380 mg/L in MW-3 on October 9, 2006 to 2,610 m/L in MW-1 on June 21, 2005. Up gradient monitor well MW-2 has ranged from 1,360 mg/L on May 7, 2008 to 1,670 mg/L on March 27, 2006 with an average concentration of 1,533.75 mg/L. In the most recent sampling event (November

6, 2009), the chloride concentration for the well was 1,600 mg/L. The average chloride concentration between the three wells is 1,592 mg/L.

Since the installation of the three monitor wells at the EME H-13 in October 2002 (MW-1) and March 2006 (MW-2 and MW-3), there have been no BTEX constituents detected at or above reporting limits. Cumulative analytical data is summarized in the tables located in Appendix B.

3.0 COLLECTED REGIONAL HYDROGEOLOGIC DATA

A search of the database supported by the New Mexico Institute of Mining and Technology (New Mexico Tech) New Mexico Water and Infrastructure Data System (WAIDS), yielded 2 well records in Section 7, T20S, R37E, Unit Letter 'M' (SW ¼ , SW ¼) located within a 1-mile radius of the subject site. Both of the wells are noted to be livestock watering wells and both have historically elevated chloride concentrations (1,268 and 2,680 mg/L). A copy of the database file is included in Appendix D.

In comparing the chloride concentration analysis data with other water quality in the area, specifically the ROC EME Jct. I-13, it appears the chloride concentrations at the site are consistent with regional groundwater degradation in the area. The EME Jct. I-13 data indicates chloride concentrations in existing monitor well MW-1 range from 1,120 mg/L to 1,220 mg/L with an average concentration of 1,188 mg/L. Copies of the analytical tables for both the EME H-13 and the EME Jct. I-13 are included in Appendix B and C, respectively.

A groundwater gradient map was constructed for the ROC EME H-13 site. Based on the collected data it appears the groundwater gradient for the EME H-13 is to the southeast. Regionally, the groundwater gradient is to the south to southeast. Figure 3 presents the groundwater gradient map for the EME H-13 as gauged on November 6, 2009. Figure 4 shows the adjacent EME Jct. I-13 in relation to the EME H-13.

4.0 CONCLUSIONS

1. Since the installation of the monitor wells in 2002 (MW-1) and in 2006 (MW-2 and MW-3), no BTEX constituents have been detected at or above the New Mexico Water Quality Control Commission (WQCC) standards.

2. Since the site has revegetated and formed a natural evapotranspiration barrier, it was agreed between Mr. Wayne Price and Mr. Ed Hansen of the NMOCD to release ROC from excavating and placement of an impervious liner at the site. As such, the soils are not an issue at this site.

3. The chloride concentrations for the monitor wells at the EME H-13 have been consistent but elevated since the wells were installed in 2002 (MW-1) and 2006 (MW-2 and MW-3). The chloride concentrations have ranged from 1,380 mg/L in MW-3 on October 9, 2006 to 2,610 m/L in MW-1 on June 21, 2005. Up gradient monitor well MW-2 has ranged from 1,360 mg/L on May 7, 2008 to 1,670 mg/L on March 27, 2006, with an average concentration of

TETRA TECH

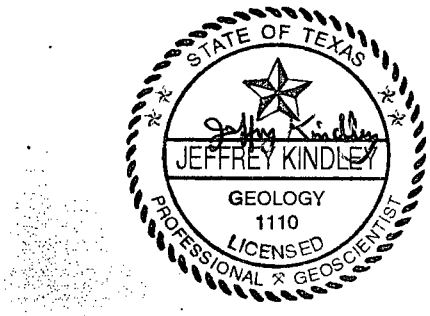
1533.75 mg/L. In the most recent sampling event (November 6, 2009), the chloride concentration for the well was 1,600 mg/L. The average chloride concentration between the three wells is 1,592 mg/L. In comparing the chloride concentration analysis data with other water quality in the area, specifically the ROC EME Jct. I-13, it appears the chloride concentrations at the site are consistent with regional groundwater degradation in the area. The EME Jct. I-13 data indicates chloride concentrations in existing monitor well MW-1 ranges from 1,120 mg/L to 1,220 mg/L with an average concentration of 1,188 mg/L. In addition, 2 livestock wells in Section 7, T20S, R37E, Unit Letter 'M' (SW ¼ , SW ¼) located within a 1-mile radius of the subject site also have historically elevated chloride concentrations (1,268 and 2,680 mg/L), indicating a regional chloride impact.

Since this site exhibits chloride concentrations consistent with water quality throughout the area, ROC requests that the NMOCD terminate further activities at this site. If you require any additional information of have any questions or comments concerning the assessment/termination request, please call me at (432) 682-4559 or Hack Conder of ROC at (575) 393-9174. Thank you for your attention to this matter.

Respectfully Submitted,
Tetra Tech, Inc.

Jeffrey Kindley, P.G.
Senior Environmental Geologist

cc: ROC- Hack Conder
Enclosures: site maps, site photo, data tables, figures



FIGURES

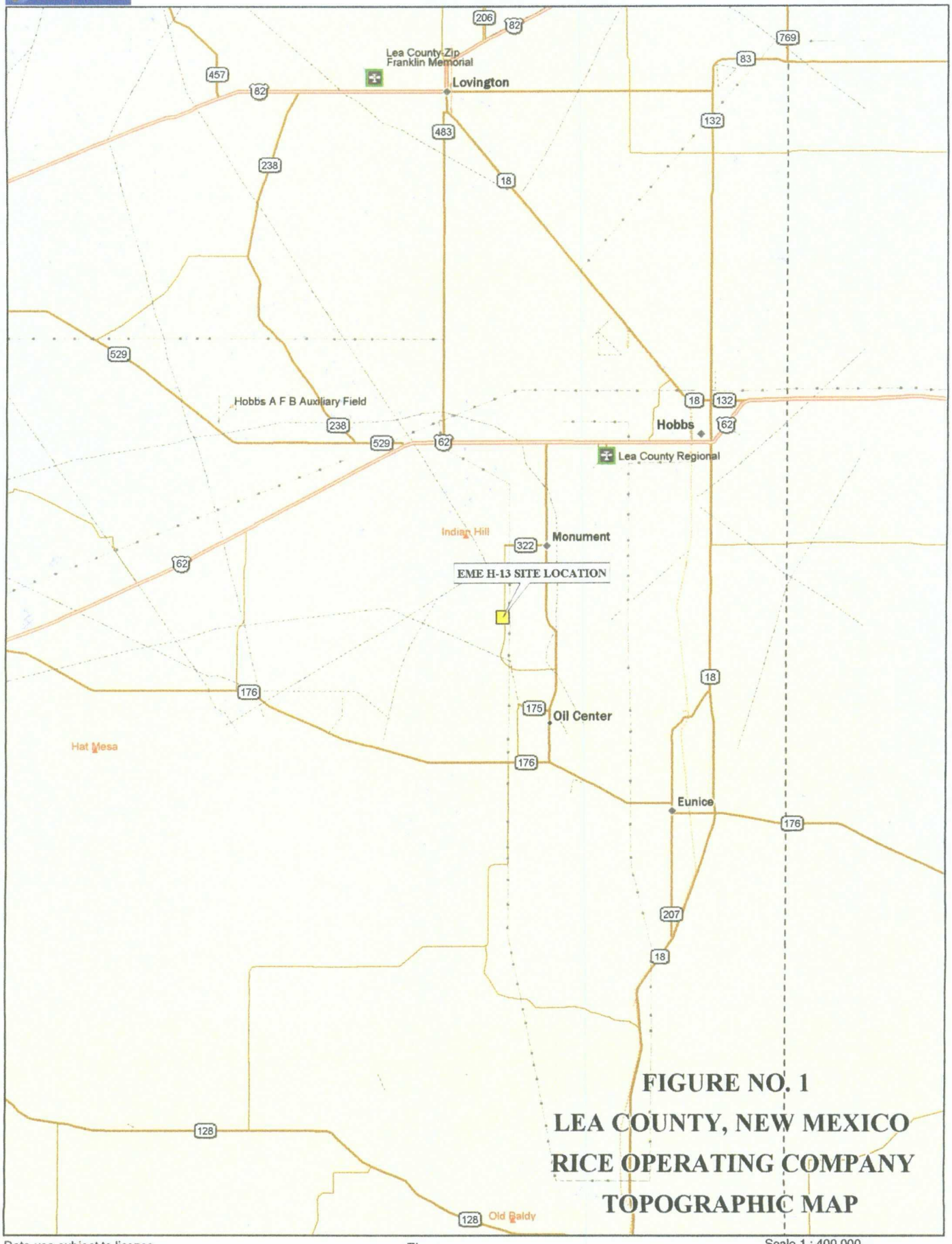


FIGURE NO. 1

LEA COUNTY, NEW MEXICO

RICE OPERATING COMPANY

TOPOGRAPHIC MAP

TN
MN (7.7°E)

Scale 1 : 400,000

1" = 6.31 mi Data Zoom 9-0

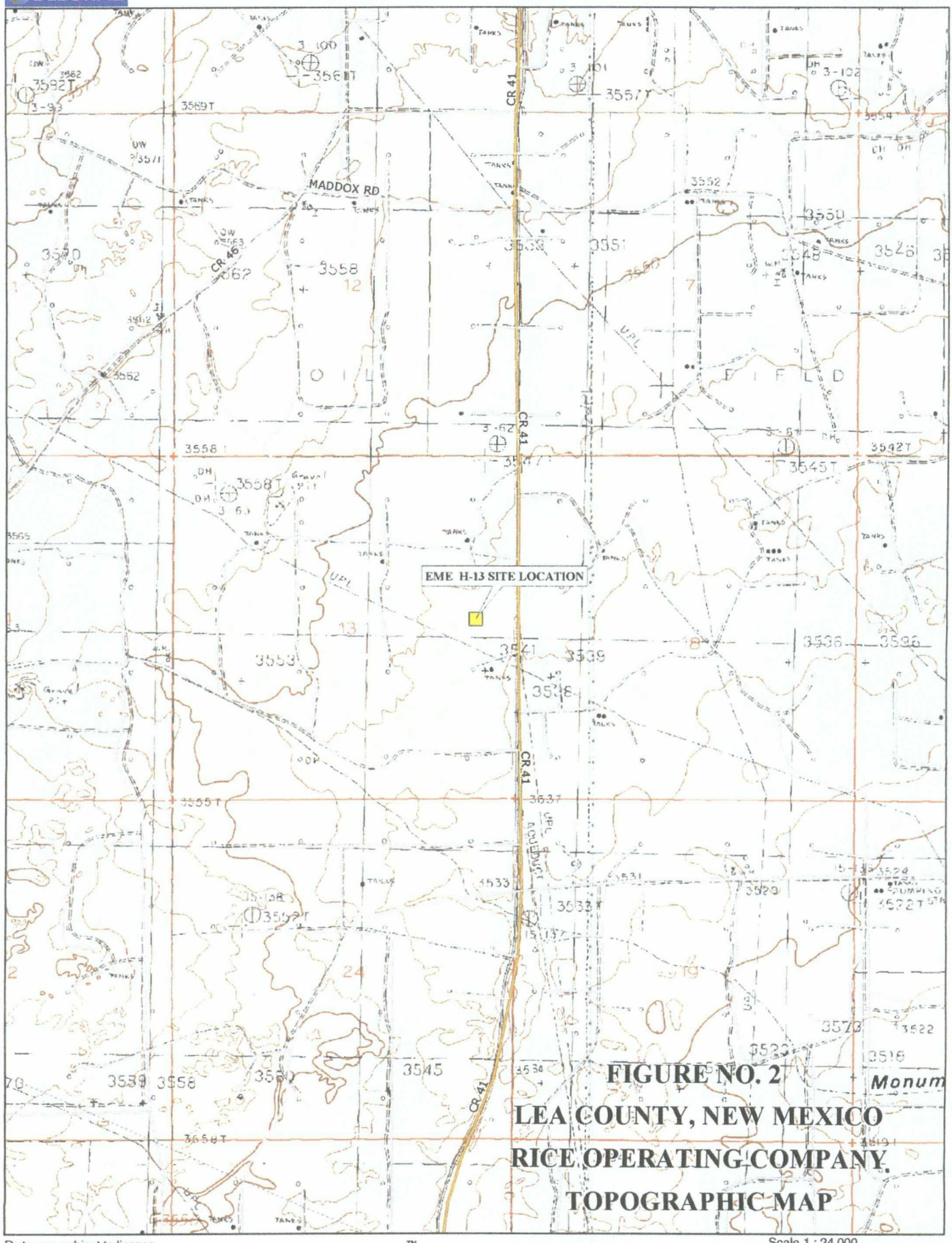


FIGURE NO. 2

LEA COUNTY, NEW MEXICO

RICE OPERATING COMPANY

TOPOGRAPHIC MAP

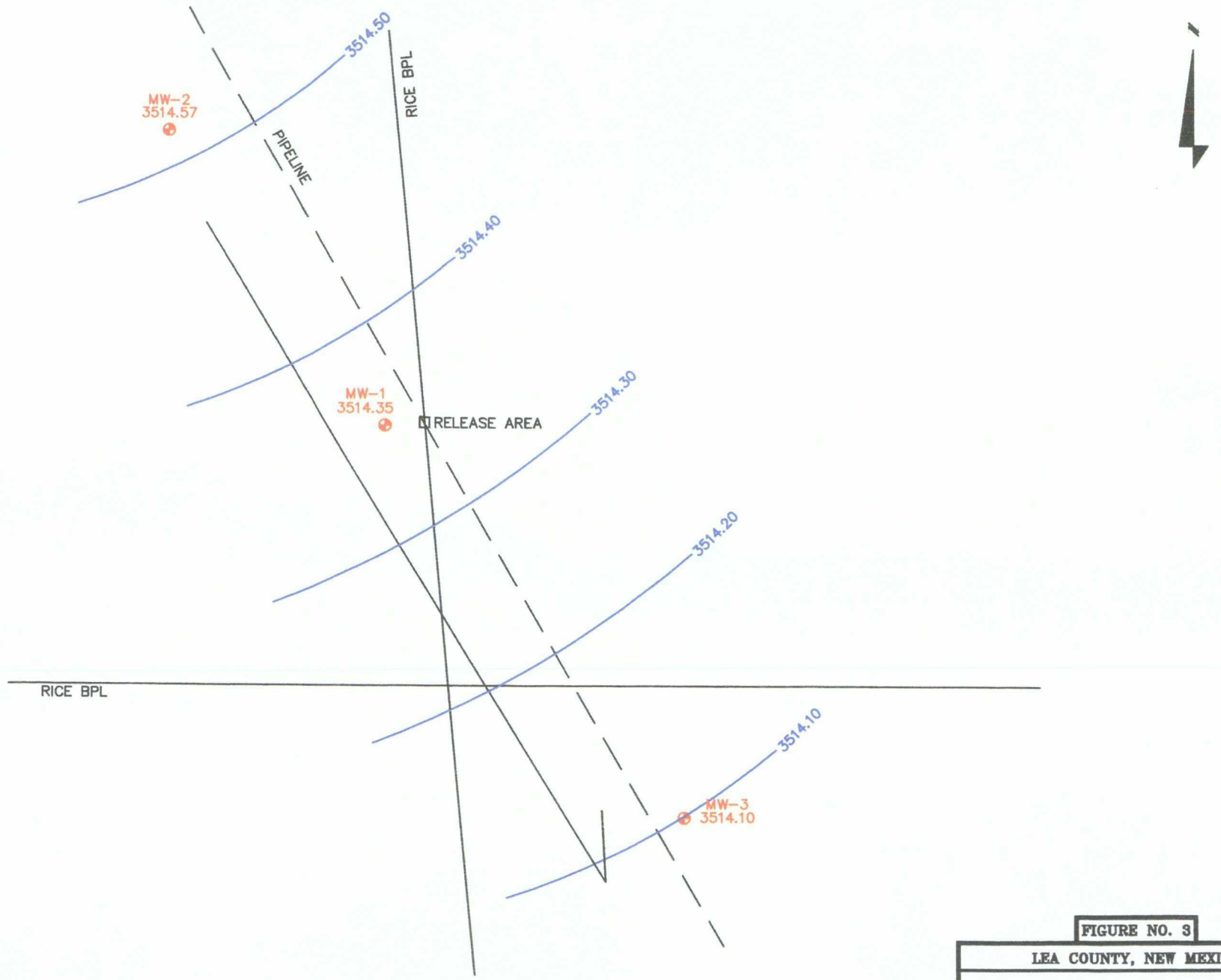
TN

MN (7.6°E)

Scale 1 : 24,000

1" = 2,000.0 ft

Data Zoom 13-0



MONITOR WELL LOCATIONS
CONTOUR INTERVAL = 0.10'

NOT TO SCALE

DWN. BY: JJ
FILE: C:\RICE\2307 SITE MAP

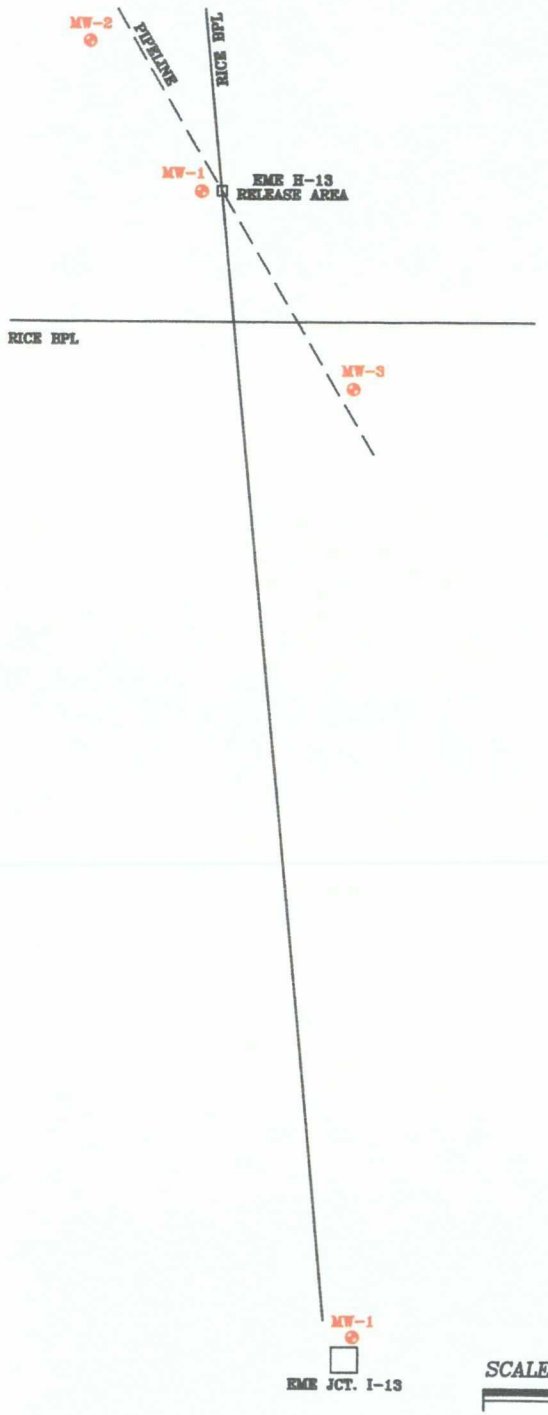
FIGURE NO. 3

LEA COUNTY, NEW MEXICO

RICE OPERATING COMPANY

EME H-13 LEAK
GROUNDWATER GRADIENT MAP
GAUGED ON 11/6/09

TETRA TECH, INC.
MIDLAND, TEXAS



MONITOR WELL LOCATIONS

SCALE: 1" = 110'

0 110'

FIGURE NO. 4

LEA COUNTY, NEW MEXICO

RICE OPERATING COMPANY
EME I-13/H-13
SITE MAP

TETRA TECH, INC.
MIDLAND, TEXAS

DATE: 5/9/06
DWN. BY: JJ
FILE: C:\RICE\2307 SITE MAP

APPENDIX A
SITE PHOTOGRAPH

EME H-13 leak (AP-44) as of February 2010

APPENDIX B
EME H-13 TABLES

Table 1
Rice Operating Company
EME H-13
Lea County, New Mexico

MW	Depth to Water	Total Depth	Well Volume	Volume Purged	Sample Date	Cl	TDS	Benzene	Toluene	Ethyl Benzene	Total Xylenes	Sulfate	Comments
1	33.19	43.94	1.72	5.25	10/29/02	1770	5180	<0.001	<0.001	<0.001	<0.001	497	xxx
1	33.18	43.90	1.71	5.10	03/06/03	2600	5340	<0.001	<0.001	<0.001	<0.001	1020	xxx
1	33.20	43.91	1.21	5.10	05/29/03	2360	5600	<0.001	<0.001	<0.001	<0.001	920	xxx
1	33.40	43.90	1.68	5.04	08/22/03	2000	4700	<0.001	<0.001	<0.001	<0.001	622	xxx
1	33.35	43.91	1.60	5.00	11/19/03	1600	4180	<0.001	<0.001	<0.001	0.001	370	xxx
1	33.41	43.90	1.67	5.00	02/18/04	1500	3580	<0.002	<0.002	<0.002	<0.006	44	xxx
1	33.56	43.90	1.65	5.00	05/27/04	177	751	<0.001	<0.001	<0.001	<0.001	90.8	xxx
1	33.40	44.10	1.71	5.14	09/07/04	1680	3510	<0.001	<0.001	<0.001	<0.001	418	xxx
1	32.85	44.10	1.80	5.40	11/24/04	1590	3900	<0.001	<0.001	<0.001	<0.001	358	xxx
1	32.19	44.10	1.91	25.0	03/30/05	1850	3890	<0.001	<0.001	<0.001	<0.001	376	xxx
1	31.93	44.10	1.95	10.0	06/21/05	2610	5520	<0.001	<0.001	<0.001	<0.001	641	xxx
1	xxx	xxx	xxx	xxx	09/16/05	1900	4880	<0.001	<0.001	<0.001	<0.001	358	xxx
1	31.70	44.10	2.00	6.0	10/19/05	1450	4760	<0.001	<0.001	<0.001	<0.001	286	xxx
1	31.59	44.10	2.00	8.0	01/18/06	1900	3620	<0.001	<0.001	<0.001	<0.001	351	xxx
1	31.66	44.10	2.00	8.0	04/18/06	1600	4160	<0.001	<0.001	<0.001	<0.001	307	xxx
1	31.75	44.10	2.00	10.0	07/17/06	1800	3240	<0.001	<0.001	<0.001	<0.001	412	xxx
1	31.77	44.10	2.00	10.0	10/09/06	1430	3260	<0.001	<0.001	<0.001	<0.001	308	Clear
1	31.72	44.32	2.00	8.0	01/24/07	1610	2940	<0.001	<0.001	<0.001	<0.001	292	Clear/no odor
1	31.68	44.32	2.00	8.0	04/02/07	1640	3070	<0.001	<0.001	<0.001	<0.001	287	Clear/no odor
1	31.69	44.32	2.00	8.0	07/10/07	1550	3800	<0.001	<0.001	<0.001	<0.002	302	Clear
1	31.75	44.32	2.00	7.0	10/01/07	1550	3264	<0.001	<0.001	<0.001	<0.003	300	Clear/no odor
1	31.87	44.32	2.00	7.0	01/22/08	1520	3311	<0.001	<0.001	<0.001	<0.003	329	Clear/no odor
1	31.84	44.32	2.00	7.0	05/07/08	1520	3450	<0.002	<0.002	<0.002	<0.006	340	Clear/no odor
1	31.83	44.32	2.00	7.0	08/13/08	1660	3750	<0.001	<0.001	<0.001	<0.003	484	Clear/no odor
1	31.74	44.32	2.00	7.0	11/17/08	1460	3540	<0.001	<0.001	<0.001	<0.003	317	Clear/no odor
1	31.67	44.37	2.00	7.0	02/17/09	1600	3370	<0.001	<0.001	<0.001	<0.003	286	Clear/no odor
1	31.67	44.37	2.00	7.0	05/19/09	1540	3980	<0.001	<0.001	<0.001	<0.003	258	Clear/no odor
1	31.83	44.37	2.00	7.0	08/25/09	1600	3270	<0.001	<0.001	<0.001	<0.003	272	Clear/no odor
1	31.91	44.37	2.00	7.0	11/06/09	1700	3220	<0.001	<0.001	<0.001	<0.003	204	Clear/no odor
1													

Graph 1
Rice Operating Company
MW-1
EME H-13
Lea County, New Mexico

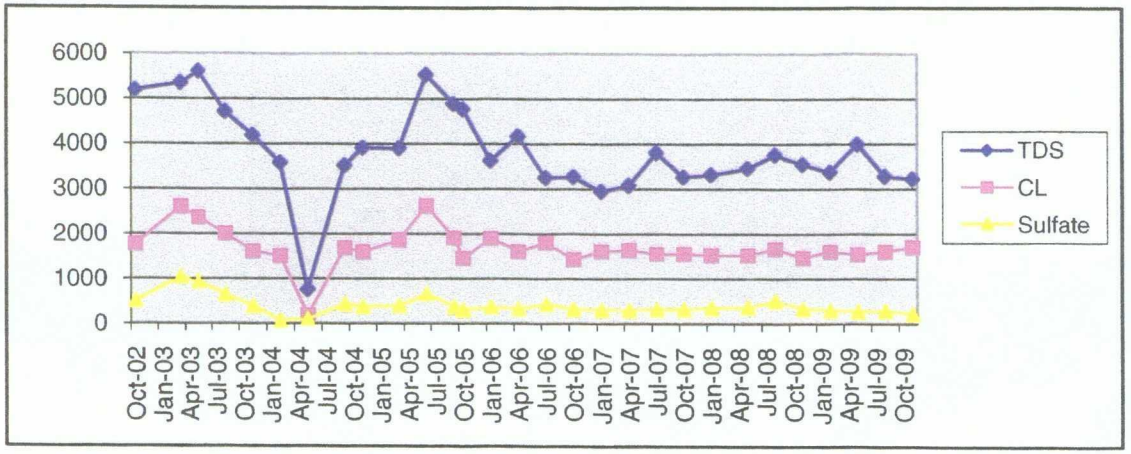


Table 2
Rice Operating Company
EME H-13
Upgradient Monitor Well MW-2
Lea County, New Mexico

MW	Depth to Water	Total Depth	Well Volume	Volume Purged	Sample Date	Cl	TDS	Benzene	Toluene	Ethyl Benzene	Total Xylenes	Sulfate	Comments
2	30.69	43.10	2.00	8.00	03/27/06	1670	3560	<0.001	<0.001	<0.001	<0.001	264	xxx
2	30.66	43.10	2.00	8.00	04/18/06	1420	4120	<0.001	<0.001	<0.001	<0.001	237	xxx
2	30.80	43.10	2.00	10.00	07/17/06	1690	2710	<0.001	<0.001	<0.001	<0.001	562	xxx
2	30.85	43.10	2.00	10.00	10/09/06	1430	3720	<0.001	<0.001	<0.001	<0.001	284	Clear
2	30.78	43.03	2.00	6.00	01/24/07	1660	2890	<0.001	<0.001	<0.001	<0.001	300	Pumping
2	30.75	43.03	2.00	8.00	04/02/07	1470	3690	<0.001	<0.001	<0.001	<0.001	231	Pumping
2	30.79	43.03	2.00	8.00	07/10/07	1440	3770	<0.001	<0.001	<0.001	<0.002	291	Pumping
2	30.85	43.03	1.90	7.00	10/01/07	1480	3189	<0.001	<0.001	<0.001	<0.003	348	Clear
2	31.00	43.03	1.90	7.00	01/22/08	1440	3083	<0.001	<0.001	<0.001	<0.003	306	Clear
2	30.98	43.03	1.90	7.00	05/07/08	1360	3030	<0.002	<0.002	<0.002	<0.006	325	Clear
2	30.86	43.03	1.90	7.00	08/13/08	1560	3710	<0.001	<0.001	<0.001	<0.003	393	Clear
2	30.76	43.03	2.00	7.00	11/17/08	1520	3580	<0.001	<0.001	<0.001	<0.003	317	Clear
2	30.73	43.07	2.00	7.00	02/17/09	1600	3360	<0.001	<0.001	<0.001	<0.003	299	Clear
2	30.72	43.07	2.00	7.00	05/19/09	1540	3220	<0.001	<0.001	<0.001	<0.003	251	Clear
2	30.88	43.07	2.00	7.00	08/25/09	1660	3680	<0.001	<0.001	<0.001	<0.003	270	Clear
2	31.00	43.07	1.90	7.00	11/06/09	1600	3160	<0.001	<0.001	<0.001	<0.003	227	Turbid to
2													clear/no odor

Rice Operating Company
MW-2
EME H-13
Lea County, New Mexico

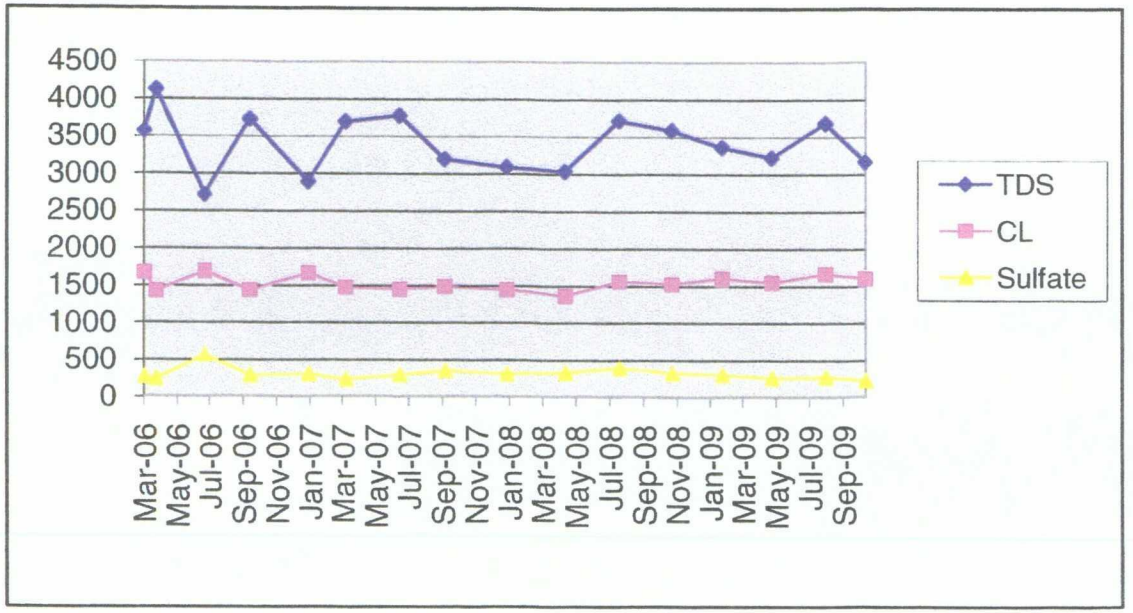
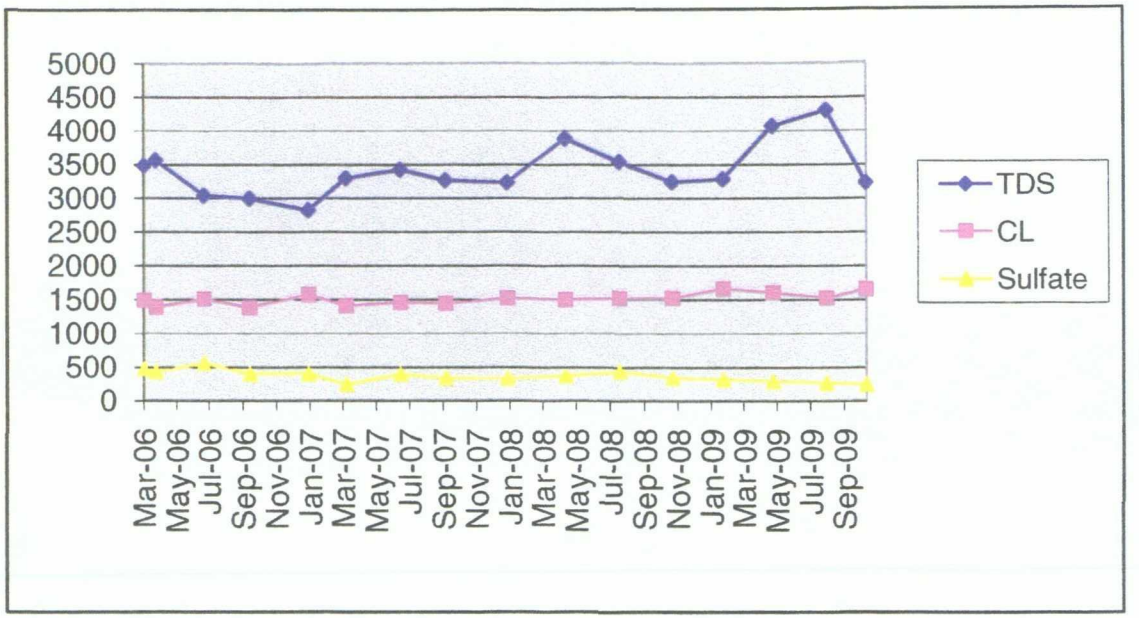


Table 3
Rice Operating Company
EME H-13
Downgradient Monitor Well MW-3
Lea County, New Mexico

MW	Depth to Water	Total Depth	Well Volume	Volume Purged	Sample Date	Cl	TDS	Benzene	Toluene	Ethyl Benzene	Total Xylenes	Sulfate	Comments
3	31.89	46.00	2.30	8.00	03/27/06	1490	3480	<0.001	<0.001	<0.001	<0.001	472	xxx
3	31.85	46.00	2.30	10.00	04/18/06	1390	3560	<0.001	<0.001	<0.001	<0.001	426	xxx
3	32.08	46.00	2.20	10.00	07/17/06	1510	3035	<0.001	<0.001	<0.001	<0.001	557	xxx
3	32.04	46.00	2.20	10.00	10/09/06	1380	2990	<0.001	<0.001	<0.001	<0.001	393	Clear
3	31.96	46.00	2.20	8.00	01/24/07	1570	2820	<0.001	<0.001	<0.001	<0.001	398	Pumping
3	31.93	46.00	2.30	8.00	04/02/07	1410	3290	<0.001	<0.001	<0.001	<0.001	242	Pumping
3	31.95	46.00	2.20	8.00	07/10/07	1450	3420	<0.001	<0.001	<0.001	<0.002	392	Pumping
3	32.02	46.00	2.20	8.00	10/01/07	1440	3257	<0.001	<0.001	<0.001	<0.003	332	Clear
3	31.88	45.98	2.30	8.00	01/22/08	1520	3225	<0.001	<0.001	<0.001	<0.003	328	Clear
3	31.85	45.98	2.30	8.00	05/07/08	1500	3880	<0.002	<0.002	<0.002	<0.006	368	Clear
3	32.08	45.98	2.20	8.00	08/13/08	1520	3530	<0.001	<0.001	<0.001	<0.003	425	Clear
3	31.98	45.98	2.20	8.00	11/17/08	1520	3240	<0.001	<0.001	<0.001	<0.003	321	Clear
3	31.90	46.05	2.30	8.00	02/17/09	1660	3280	<0.001	<0.001	<0.001	<0.003	302	Clear
3	31.90	46.05	2.30	8.00	05/19/09	1600	4070	<0.001	<0.001	<0.001	<0.003	275	Clear
3	31.90	46.05	2.20	8.00	08/25/09	1520	4300	<0.001	<0.001	<0.001	<0.003	254	Clear
3	32.15	46.05	2.20	8.00	11/06/09	1650	3220	<0.001	<0.001	<0.001	<0.003	232	Turbid to
3													clear/no odor

Rice Operating Company
MW-3
EME H-13
Lea County, New Mexico

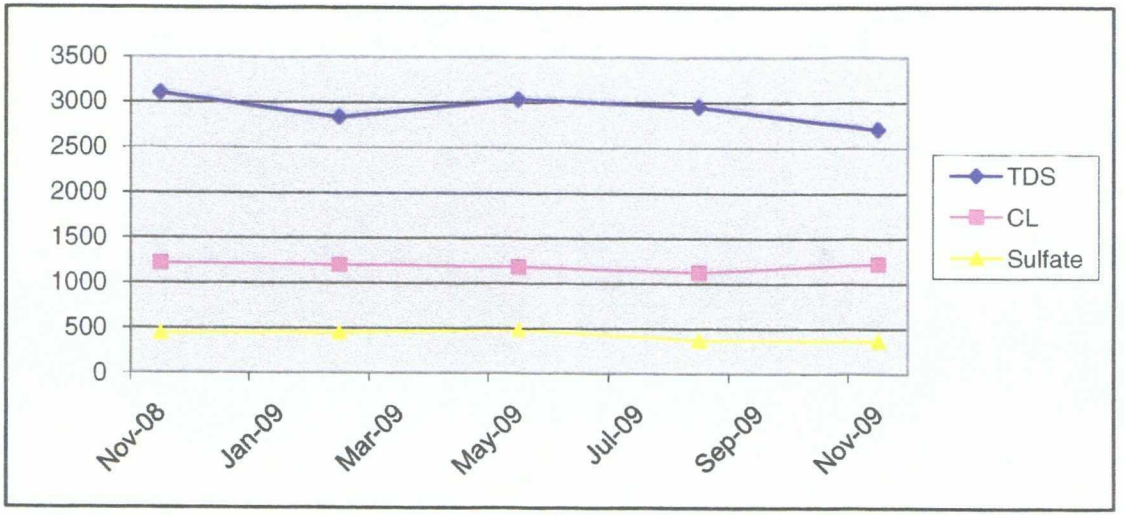


APPENDIX C
EME I-13 TABLES

Table 1
Rice Operating Company
EME I-13 Vent
Lea County, New Mexico

MW	Depth to Water	Total Depth	Well Volume	Volume Purged	Sample Date	Cl	TDS	Benzene	Toluene	Ethyl Benzene	Total Xylenes	Sulfate	Comments
1	32.05	43.22	1.80	6	11/17/08	1220	3100	<0.001	<0.001	<0.001	<0.003	439	Clear no odor
1	31.98	43.20	1.80	6	02/17/09	1200	2830	<0.001	<0.001	<0.001	<0.003	449	Clear no odor
1	31.94	43.20	1.80	6	05/19/09	1180	3030	<0.001	<0.001	<0.001	<0.003	484	Clear no odor
1	32.18	43.20	1.80	6	08/25/09	1120	2950	<0.001	<0.001	<0.001	<0.003	366	Clear no odor
1	32.27	43.20	1.70	6	11/06/09	1220	2700	<0.001	<0.001	<0.001	<0.003	364	Clear no odor
1													
1													

Graph 1
Rice Operating Company
MW-1
EME I-13 Vent
Lea County, New Mexico



APPENDIX D
DATABASE FILE

Water Well Data
Average Depth to Groundwater (ft)
ROC - EME Saltwater Disposal System (SWD) H-13 Leak, Lea County, New Mexico

19 South 35 East

6 61 58	5 63	4 70	3	2	1 63
7 51	8 18	9 20	10 53	11	12
18	17 26 30	16	15 26	14 27	13 27
19	20	21	22 27	23	24 20
30	29	28	27	26	25
31	32	33	34	35	36

19 South 36 East

6	5	4	3	2	1
7	8	9	10	11	12
18	17	16	15	14	13
19	20	21	22	23	24
30	29	28	27	26	25
31	32	33	34	35	36

19 South 37 East

6 50	5	4 39	3 41	2	1 34
7 43	8 42	9	10 43	11 22	12 63
18 53	17 65	16 39	15 46	14 20	13 46
19 48	20	21 33	22 38	23	24 48
30 20	29 Monument	28 30	27 29	26	25
31 24	32 29	33 32	34 22	35	36

20 South 35 East

6 56 64	5 64	4	3	2	1
7	8	9	10	11	12 49
18	17	16	15	14	13
19	20	21	22	23	24
30	29	28	27	26	25
31 65	32	33 89	34	35	36

20 South 36 East

6 32	5 28	4 Maljamar	3	2 92	1 40
7	8 33	9 38	10	11 32	12 29
18 34	17	16	15	14 45	13 SITE
19	20	21	22	23	24
30	29	28	27	26 106 170	25
31	32 170	33	34	35 122	36

20 South 37 East

6 37	5 38	4 22	3	2	1
7 36	8 35	9	10	11	12
18	17	16	15	14	13 78
19 35	20	21	22	23	24
30	29	28 40	27	26	25
31	32	33 198	34	35	36

21 South 34 East

6	5	4	3	2	1
7	8	9	10	11	12
18	17	16	15	14	13
19	20	21	22	23	24
30	29	28	27	26	25
31	32	33	34	35	36

21 South 35 East

6	5	4	3	2	1
7	8	9	10	11	12
18	17	16	15	14	13
19	20	21	22	23	24
30	29	28	27	26	25
31	32	33	34	35	36

21 South 36 East

6	5	4	3	2	1
7	8	9	10 200	11	12
18 106	17	16 195	15	14	13
19	20	21	22	23130 150	24
30	29	28	27	26 150	25 148
31	32	33	34	35	36

88 New Mexico State Engineers Well Reports

105 USGS Well Reports

90 Geology and Groundwater Conditions in Southern Lea, County, NM (Report 6)
Geology and Groundwater Resources of Eddy County, NM (Report 3)

34 NMOCD - Groundwater Data

121 Abandoned Waterwell (recently measured)

http://octane.nmt.edu/waterquality/

Section 12	General Information About: Sample 1197		
Section/ Township/Range	12 / 20 S / 36 E	Lat/Long	32.5878 / -103.3074
Elevation	0	Depth	0
Date Collected	5/15/1991	Chlorides	24000
Collector / Point of Collection	SEO / DP	Use	Domestic
Formation		TDS	0

Melanie located this well in Unit letter 'C' which is outside of the ½ mi. radius.

Section 7	General Information About: Sample 6369		
Section/ Township/Range	07 / 20 S / 37 E	Lat/Long	32.5878 / -103.2902
Elevation	3553	Depth	90
Date Collected	11/9/1979	Chlorides	1268
Collector / Point of Collection	SEO / DP	Use	Stock
Formation	OGALLALA	TDS	0

Melanie was unable to locate this well.

Section 7	General Information About: Sample 5313		
Section/ Township/Range	07 / 20 S / 37 E	Lat/Long	32.5878 / -103.2902
Elevation	3553	Depth	90
Date Collected	2/13/1985	Chlorides	2680
Collector / Point of Collection	SEO / DP	Use	Stock
Formation	OGALLALA	TDS	0

Melanie was unable to locate this well.