1R - 427-91

Annual GW Mon. REPORTS

DATE:

2005

R.T. HICKS CONSULTANTS, LTD.

1909 Brunson Avenue ■ Midland, Texas 79701-6924 ■ 432.638.8740 ■ Fax: 413.403.9968

CERTIFIED MAIL
RETURN RECIEPT NO. 7099 3400 0017 1737 1797

January 5, 2006

Mr. Wayne Price
New Mexico Energy, Minerals, & Natural Resources Dept.
Oil Conservation Division, Environmental Bureau
1220 S. St. Francis Drive
Santa Fe, New Mexico 87505

RE: 2005 Annual Monitoring Report
EME P-6 Release Site (NMOCD Case # 1R0422, AP-45)
EME N-5 Junction Box Site (NMOCD Case # 1R0427-90) AP-66
EME E-5 Junction Box Site (NMOCD Case # 1R0427-91)
EME M-5 SWD Site (NMOCD Case # - None assigned)
T20S-R37E-Sections 5 and 6

Mr. Price:

R. T. Hicks Consultants, Ltd. takes this opportunity to submit the 2005 Annual Monitoring Well Report for the EME sites listed above. The above-referenced sites are located in the Eunice Monument Eumont (EME) Salt Water Disposal (SWD) System. These sites have been included in a single monitoring report because of their close proximity to one another and for correlation of water table data to generate a groundwater gradient map. Additional sites in the area may be included in subsequent reports after elevation data has been surveyed by a registered New Mexico surveyor.

ROC is the service provider (operator) for the EME Salt Water Disposal System and has no ownership of any portion of pipeline, well, or facility. The EME SWD System is owned by a consortium of oil producers, System Partners, who provide all operating capital on a percentage ownership/usage basis.

Thank you for your consideration concerning this annual summary of groundwater monitoring information. If you have any questions, do not hesitate to contact me at (423) 638-8740 or Kristin Farris Pope at (505) 393-9174.

Sincerely,

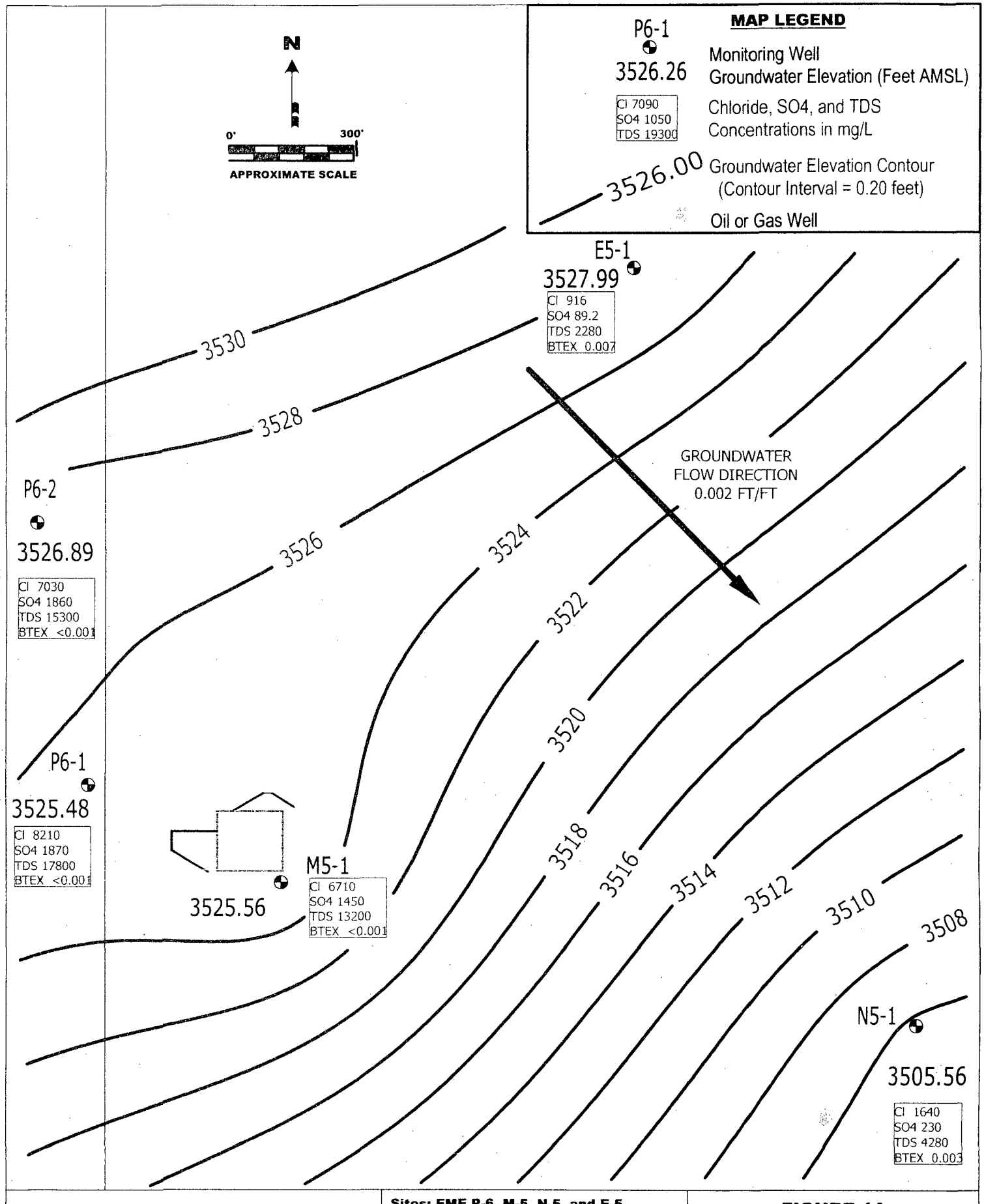
Gilbert J. Van Deventer

Gilbert J. Van Deventer, REM, PG, NMCS
R. T. Hicks Consultants Ltd.

enclosures: Summary table & graphs, maps, well sample data sheets, and laboratory reports

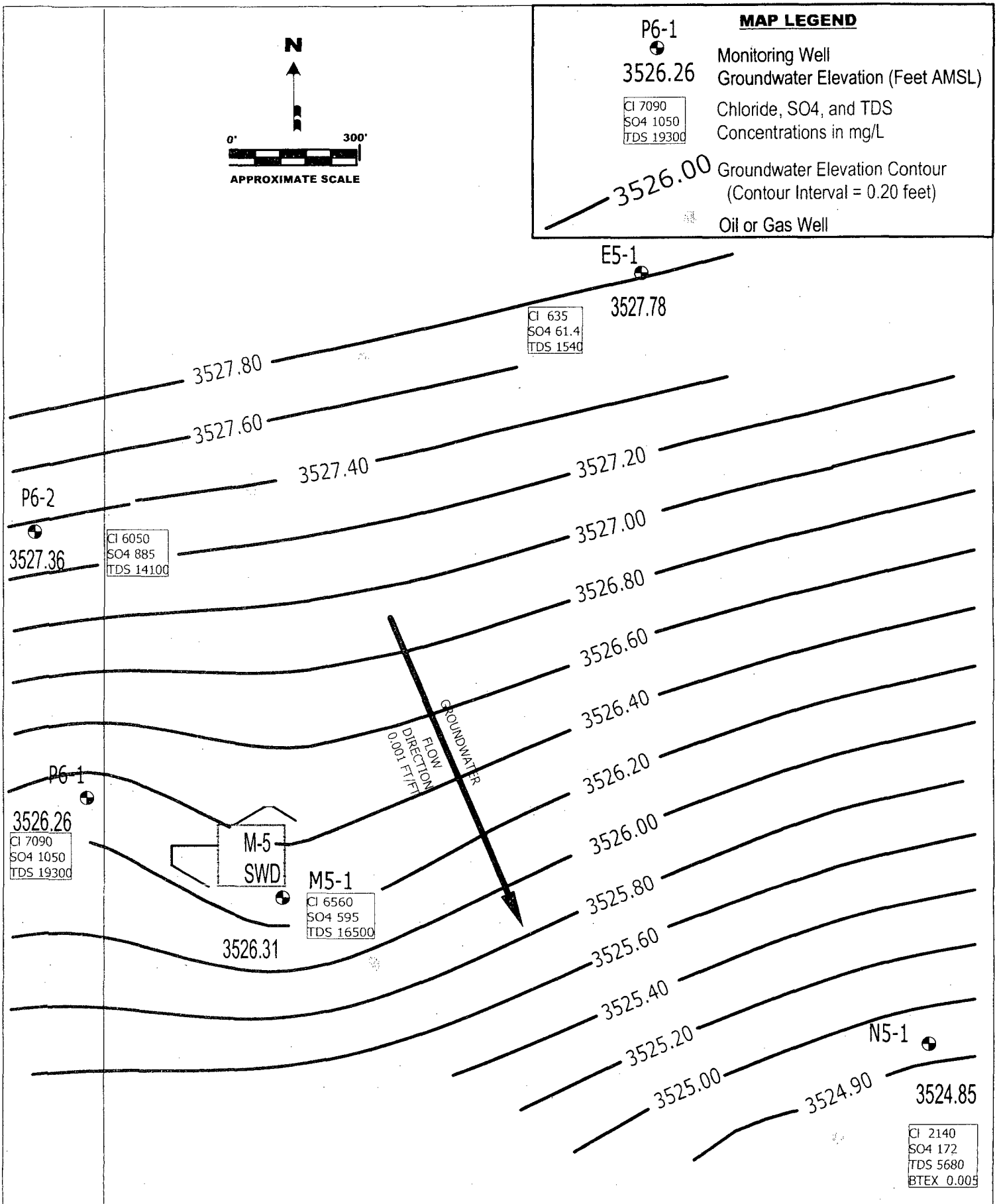
cc: *LBG, CDH, KFP, file*

MAPS

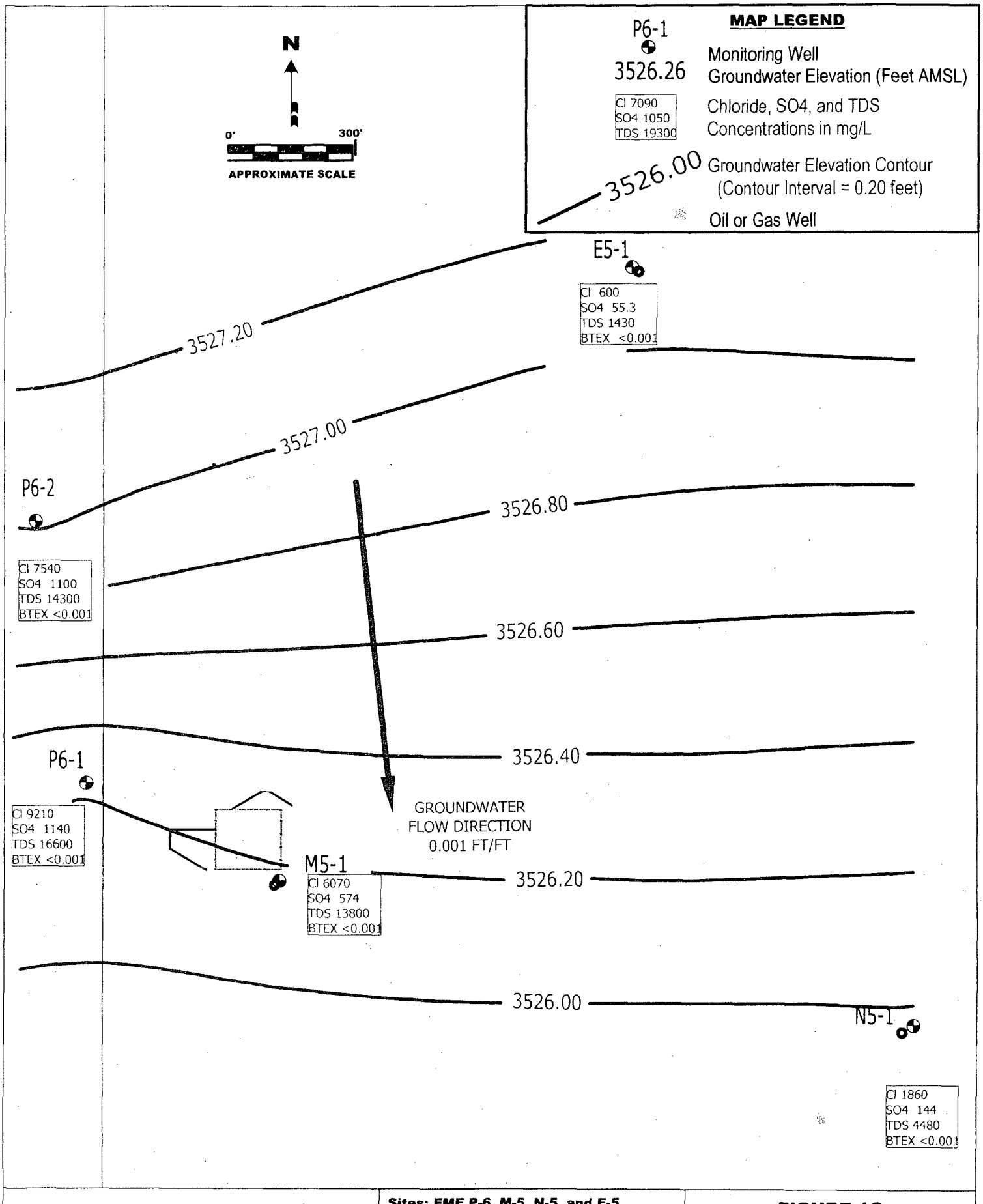


R. T. HICKS CONSULTANTS, LTD.
1909 Brunson Ave.
Midland, Texas 79701

Sites: EME P-6, M-5, N-5, and E-5	**FIGURE 1A**
Location: T20S-R37E-Sections 5 and 6	
Date: February 7, 2005	**GROUNDWATER MONITORING MAP**
Approximate Scale: 1inch = 2000 feet	



R. T. HICKS CONSULTANTS, LTD. 1909 Brunson Ave. Midland, Texas 79701	**Sites: EME P-6, M-5, N-5, and E-5** **Location: T20S-R37E-Sections 5 and 6** **Date: May 3, 2005** **Approximate Scale: 1inch = 2000 feet**	**FIGURE 1B** **GROUNDWATER MONITORING MAP**



R. T. HICKS CONSULTANTS, LTD.
1909 Brunson Ave.
Midland, Texas 79701

Sites: EME P-6, M-5, N-5, and E-5

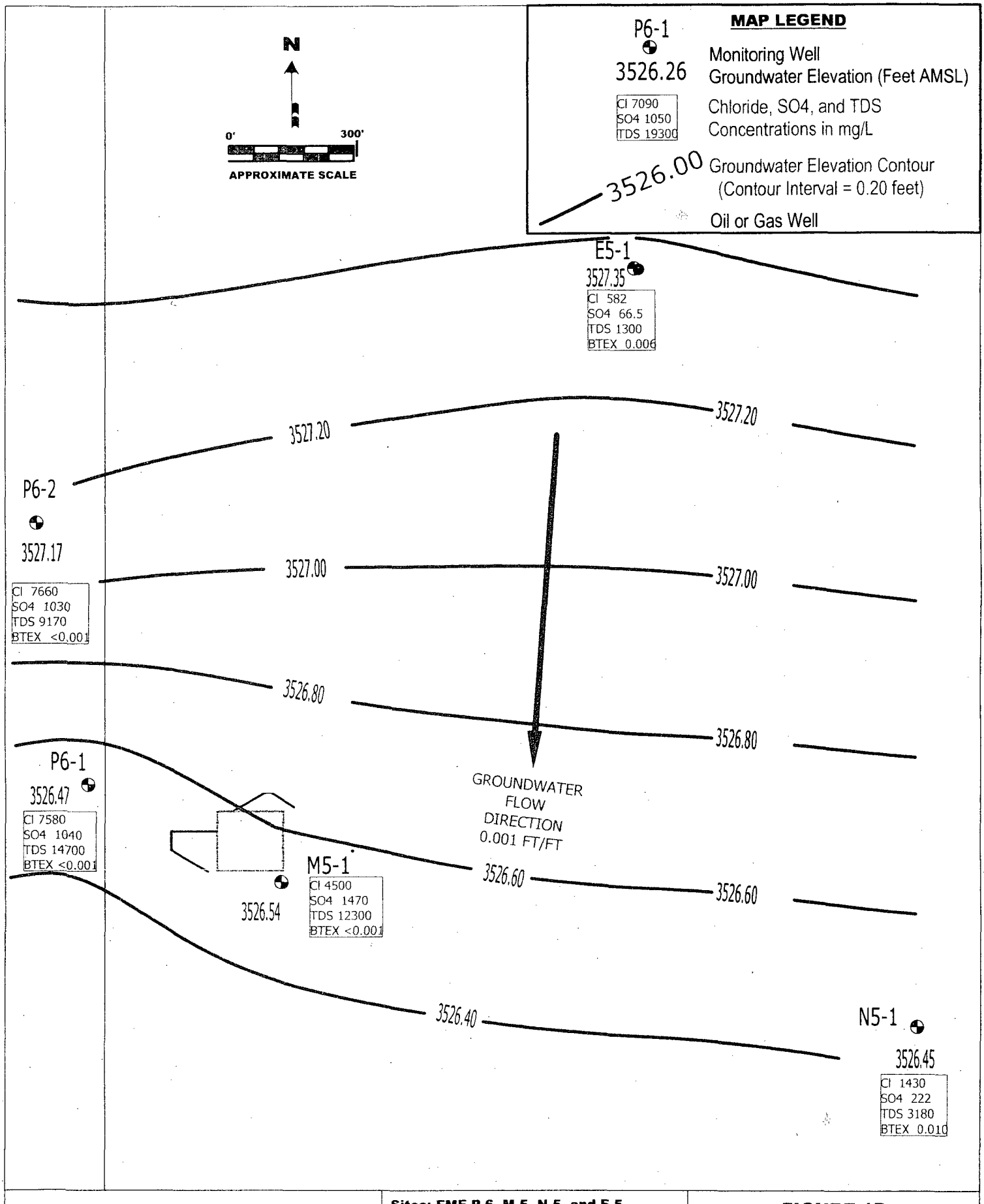
Location: T20S-R37E-Sections 5 and 6

Date: August 11, 2005

Approximate Scale: 1inch = 2000 feet

FIGURE 1C

GROUNDWATER MONITORING MAP



R. T. HICKS CONSULTANTS, LTD. 1909 Brunson Ave. Midland, Texas 79701	**Sites: EME P-6, M-5, N-5, and E-5** **Location: T20S-R37E-Sections 5 and 6** **Date: November 28, 2005** **Approximate Scale: 1inch = 2000 feet**	**FIGURE 1D** **GROUNDWATER MONITORING MAP**

TABLE AND GRAPHS

Table 1
Summary of Groundwater Monitoring Results
EME P-6, M-5, N-5, and E-5 Sites

Monitoring Well	Sample Date	Chloride (mg/L)	Sulfate (mg/L)	TDS (mg/L)	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Xylene (mg/L)	Depth to Groundwater (feet BTOC)	Groundwater Elevation (feet AMSL)
P6-1	01/10/02	**10700**	**999**	**20248**	< 0.002	< 0.002	< 0.002	< 0.006	36.70	3522.32
	05/14/02	**8060**	**852**	**18200**	< 0.001	< 0.001	< 0.001	< 0.001	36.73	3522.29
	08/15/02	**9570**	**646**	**16900**	< 0.001	< 0.001	< 0.001	< 0.001	36.95	3522.07
	11/06/02	**9040**	**952**	**17400**	< 0.001	< 0.001	< 0.001	< 0.001	37.15	3521.87
	02/27/03	**8860**	**741**	**15000**	< 0.001	< 0.001	< 0.001	< 0.001	37.12	3521.90
	05/29/03	**8680**	**858**	**20000**	< 0.001	< 0.001	< 0.001	< 0.001	37.19	3521.83
	08/21/03	**8860**	**683**	**17800**	< 0.001	< 0.001	< 0.001	< 0.001	37.43	3521.59
	11/19/03	**8690**	**619**	**18500**	< 0.001	< 0.001	< 0.001	< 0.001	37.64	3521.38
	02/20/04	**8510**	**830**	**16600**	< 0.001	< 0.001	< 0.001	< 0.001	37.84	3521.18
	05/06/04	**8510**	**756**	**17400**	< 0.001	< 0.001	< 0.001	< 0.001	37.36	3521.66
	08/10/04	**9040**	**889**	**17200**	< 0.001	< 0.001	< 0.001	< 0.001	37.03	3521.99
	11/09/04	**9130**	**1220**	**17600**	< 0.001	< 0.001	< 0.001	< 0.001	36.28	3522.74
	02/07/05	**8210**	**1870**	**17800**	< 0.001	< 0.001	< 0.001	< 0.001	33.54	3525.48
	05/03/05	**7090**	**1050**	**19300**	< 0.001	< 0.001	< 0.001	< 0.001	32.76	3526.26
	08/11/05	**9210**	**1140**	**16600**	< 0.001	< 0.001	< 0.001	< 0.001	32.81	3526.21
	11/28/05	**7580**	**1040**	**14700**	< 0.001	< 0.001	< 0.001	< 0.001	32.55	3526.47
P6-2	02/20/04	**9040**	**1260**	**19700**	< 0.001	< 0.001	< 0.001	< 0.001	37.97	3521.68
	05/06/04	**8330**	**1340**	**16100**	< 0.001	< 0.001	< 0.001	< 0.001	37.29	3522.36
	08/10/04	**8240**	**1220**	**15400**	< 0.001	< 0.001	< 0.001	< 0.001	36.97	3522.68
	11/09/04	**7670**	**1280**	**15700**	< 0.001	< 0.001	< 0.001	< 0.001	35.83	3523.82
	02/07/05	**7030**	**1860**	**15300**	< 0.001	< 0.001	< 0.001	< 0.001	32.76	3526.89
	05/03/05	**6050**	**885**	**14100**	< 0.001	< 0.001	< 0.001	< 0.001	32.29	3527.36
	08/11/05	**7540**	**1100**	**14300**	< 0.001	< 0.001	< 0.001	< 0.001	32.62	3527.03
	11/28/05	**7660**	**1030**	**9170**	< 0.001	< 0.001	< 0.001	< 0.001	32.48	3527.17
M5-1	12/11/03	**6198**	99.8	**10784**	< 0.002	< 0.002	< 0.002	< 0.006	33.28	3521.13
	02/20/04	**5320**	454	**14500**	< 0.002	< 0.002	< 0.002	< 0.006	33.37	3521.04
	05/06/04	**5940**	420	**12400**	< 0.002	< 0.002	< 0.002	< 0.006	32.79	3521.62
	08/10/04	**6910**	470	**17300**	< 0.001	< 0.001	< 0.001	< 0.001	32.52	3521.89
	11/09/04	**7090**	**614**	**14000**	< 0.001	< 0.001	< 0.001	< 0.001	31.63	3522.78
	02/07/05	**6710**	**1450**	**13200**	< 0.001	< 0.001	< 0.001	< 0.001	28.85	3525.56
	05/03/05	**6560**	595	**16500**	< 0.001	< 0.001	< 0.001	< 0.001	28.10	3526.31
	08/13/05	**6070**	574	**13800**	< 0.001	< 0.001	< 0.001	< 0.001	28.24	3526.17
	11/28/05	**4500**	**1470**	**12300**	< 0.001	< 0.001	< 0.001	< 0.001	27.87	3526.54
N5-1	01/10/02	**1,160**	149	**2,652**	<0.002	<0.002	<0.006	<0.006	35.50	3523.85
	05/13/02	**993**	142	**2,520**	<0.001	0.002	0.003	0.009	37.47	3521.88
	08/12/02	**939**	109	**2,700**	<0.001	<0.001	<0.001	0.001	37.75	3521.60
	11/04/02	**1,200**	44.9	**3,083**	<0.002	<0.002	<0.002	<0.006	37.90	3521.45
	03/14/03	**1,050**	103	**2,310**	<0.001	0.002	0.004	0.011	37.78	3521.57
	05/29/03	**1,130**	90.4	**3,230**	<0.001	0.001	0.004	0.01	38.00	3521.35
	08/22/03	**1,200**	100	**2,930**	---	---	---	---	38.42	3520.93
	11/20/03	**1,150**	102	**3,200**	<0.001	0.002	0.003	0.012	38.63	3520.72
	02/20/04	**1,180**	57	**2,575**	<0.002	<0.002	<0.002	<0.006	38.50	3520.85
	05/26/04	**1,000**	79	**2,583**	<0.002	0.005	0.005	0.010	37.80	3521.55
	09/02/04	**1,150**	77.6	**3,170**	<0.001	0.001	0.002	0.003	37.94	3521.41
	12/21/04	**1,330**	231	**3,990**	<0.001	<0.001	<0.001	<0.001	35.12	3524.23
	01/26/05	**1,810**	220	**4,280**	<0.001	<0.001	0.001	0.001	34.03	3525.32
	02/08/05	**1,640**	230	**4,280**	<0.001	<0.001	0.002	0.001	33.79	3525.56
	05/02/05	**2,140**	172	**5,680**	<0.001	<0.001	0.003	0.002	34.50	3524.85
	08/11/05	**1,860**	144	**4,480**	<0.001	<0.001	<0.001	<0.001	33.39	3525.96
	11/28/05	**1,430**	222	**3,180**	0.001	0.002	0.004	0.003	32.90	3526.45
E5-1	05/14/02	**886**	157	**2,300**	<0.001	<0.001	<0.001	<0.001	40.72	3522.50
	08/12/02	**993**	141	**2,440**	<0.001	0.001	<0.001	<0.003	40.91	3522.31
	11/05/02	**833**	116	**2,180**	<0.001	<0.001	<0.001	<0.001	41.15	3522.07
	03/14/03	**877**	127	**2,170**	<0.001	<0.001	<0.001	<0.001	41.03	3522.19
	05/29/03	**913**	119	**2,270**	<0.001	<0.001	<0.001	<0.001	41.14	3522.08
	08/22/03	**833**	116	**2,210**	<0.001	<0.001	<0.001	<0.001	41.14	3522.08
	11/20/03	**833**	100	**2,200**	<0.001	<0.001	<0.001	<0.001	41.73	3521.49
	02/20/04	**820**	64	**2,200**	<0.002	<0.002	<0.002	<0.006	41.70	3521.52
	05/26/04	**520**	47	**1,657**	<0.002	<0.002	<0.002	<0.006	40.90	3522.32
	09/02/04	**514**	74.6	**1,640**	<0.001	0.001	<0.001	0.002	40.70	3522.52
	01/26/05	**1,730**	148	**3,930**	0.001	0.005	0.002	0.009	35.28	3527.94
	02/08/05	**916**	89.2	**2,280**	<0.001	<0.001	<0.001	<0.001	35.23	3527.99
	05/02/05	**635**	61.4	**1,540**	<0.001	<0.001	<0.001	<0.001	35.44	3527.78
	08/11/05	**600**	55.3	**1,430**	<0.001	<0.001	<0.001	<0.001	36.11	3527.11
	11/28/05	**582**	66.5	**1,300**	<0.001	0.002	<0.001	0.003	35.87	3527.35
WQCC Standards		250	600	1000	0.01	0.75	0.75	0.62		

Total Dissolved Soilds (TDS), chloride, sulfate, and BTEX concentrations listed in milligrams per liter (mg/L)
Analyses performed by Environmental Lab of Texas, Odessa, TX.
Values in boldface type indicate concentrations exceed New Mexico Water Quality Commission (WQCC) standards.
AMSL - Above Mean Sea Level; BTOC - Below Top of Casing
Elevations and state plane coordinates surveyed by Basin Surveys, Hobbs, NM.

Figure 2
TDS, Chloride, Sulfate, and Groundwater Elevation Values Versus Time Graph (P6-1)
P-6 Release Site (T20S, R37E, Section 6, Unit Letter P)

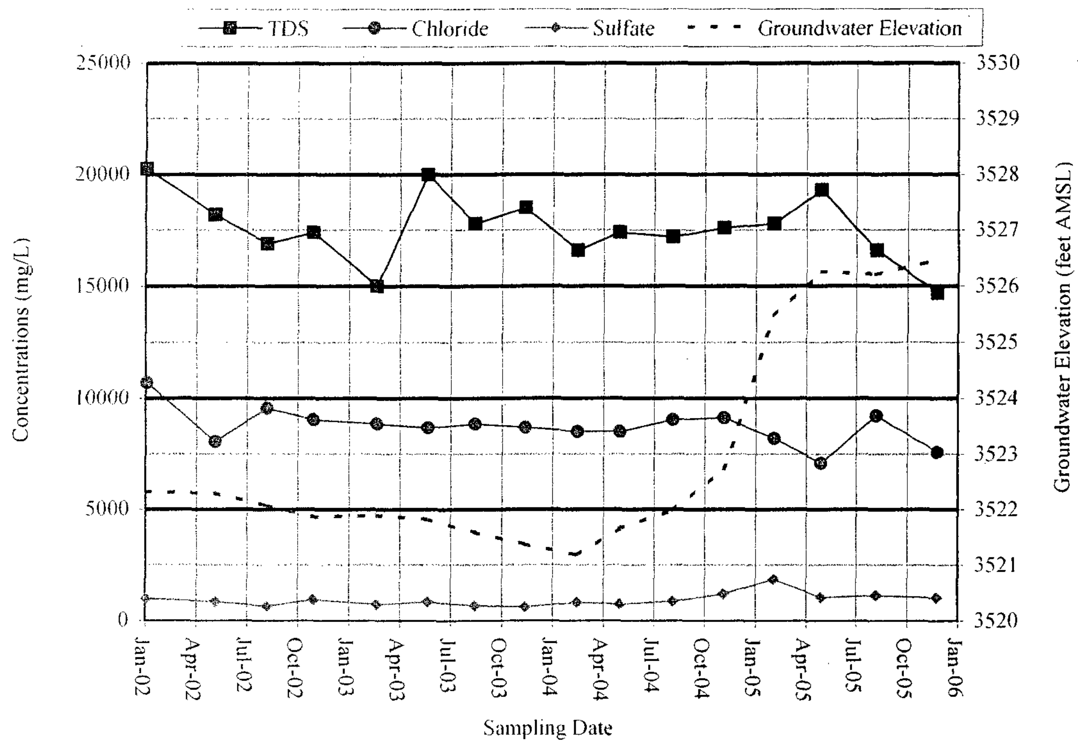
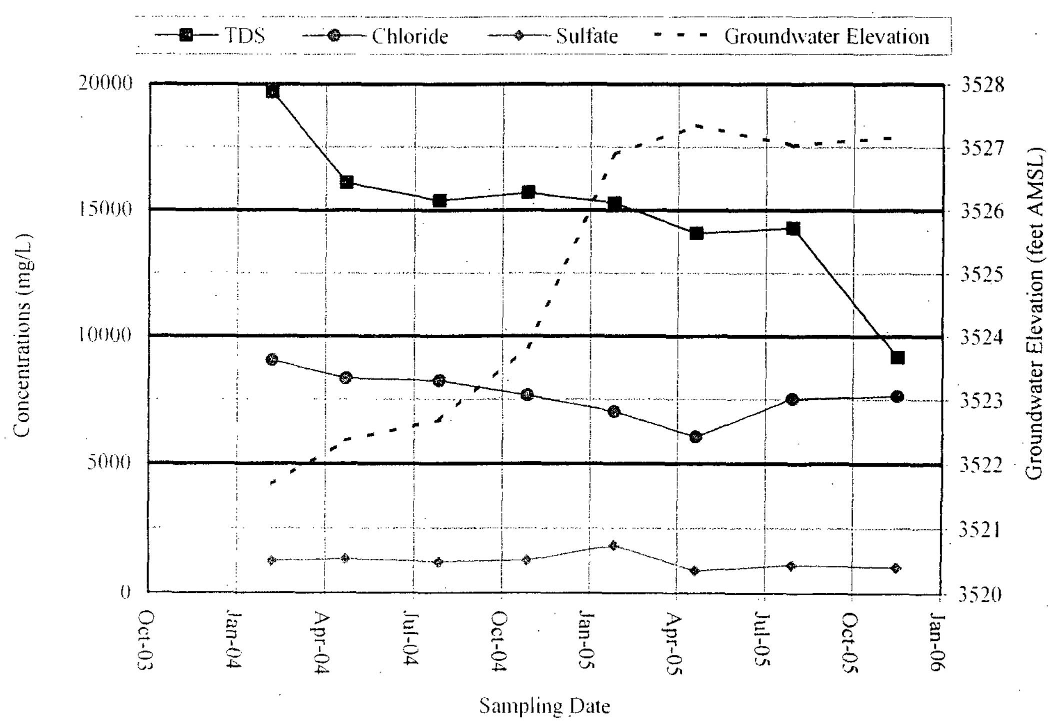


Figure 3
TDS, Chloride, Sulfate, and Groundwater Elevation Values Versus Time Graph (P6-2)
P-6 Release Site (T20S, R37E, Section 6, Unit Letter P)



[illegible]
[illegible] Bldg. NW, Suite E-142
Albuquerque, New Mexico 87104

Figure 4
TDS, Chloride, Sulfate, and Groundwater Elevation Values Versus Time Graph (M5-1)
M-5 SWD Site (T20S, R37E, Section 5, Unit Letter M)

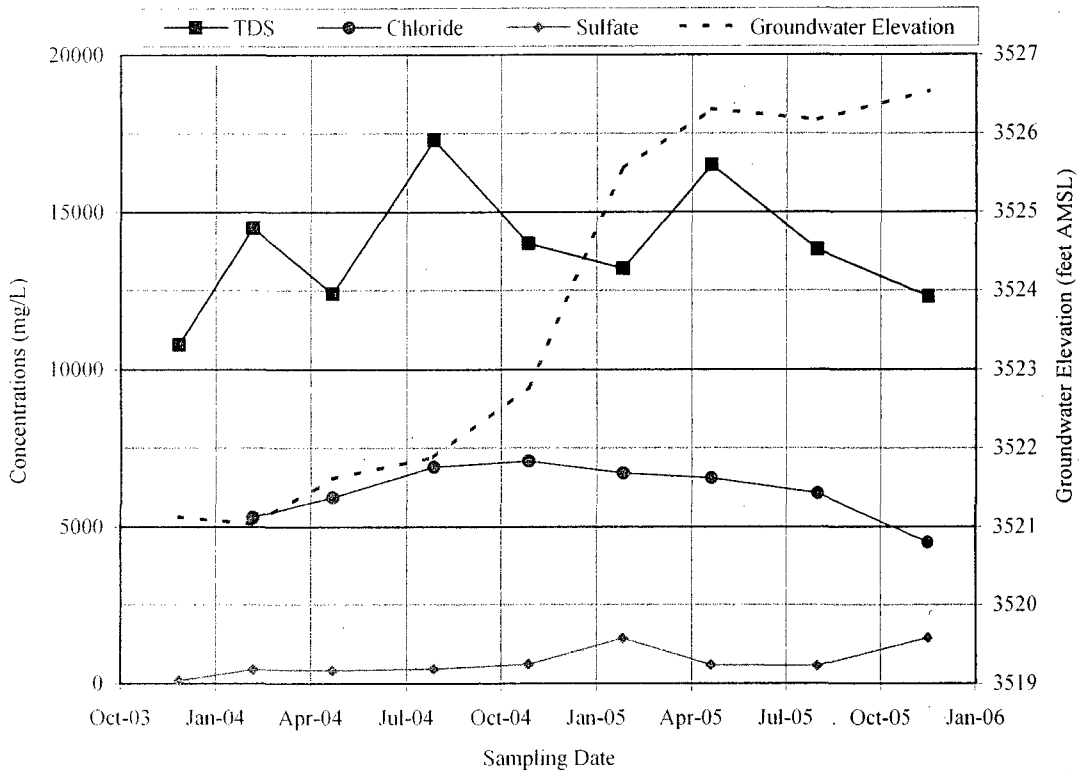


Figure 5
TDS, Chloride, Sulfate, and Groundwater Elevation Values Versus Time Graph (N5-1)
N-5 Junction Box Site (T20S, R37E, Section 5, Unit Letter N)

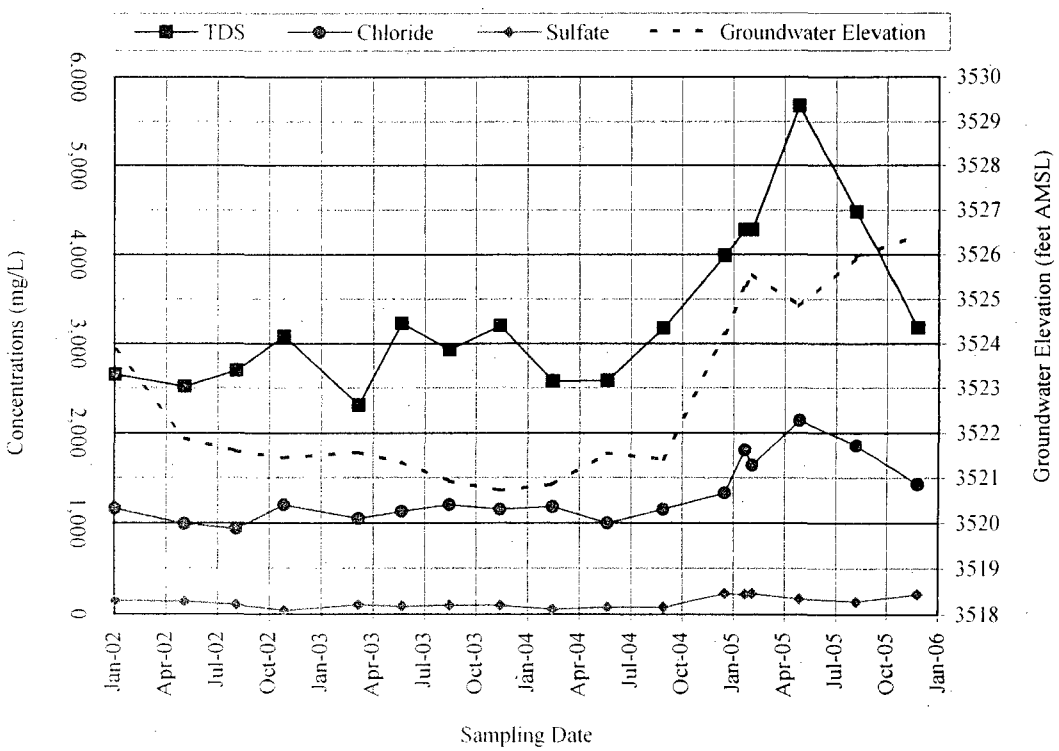
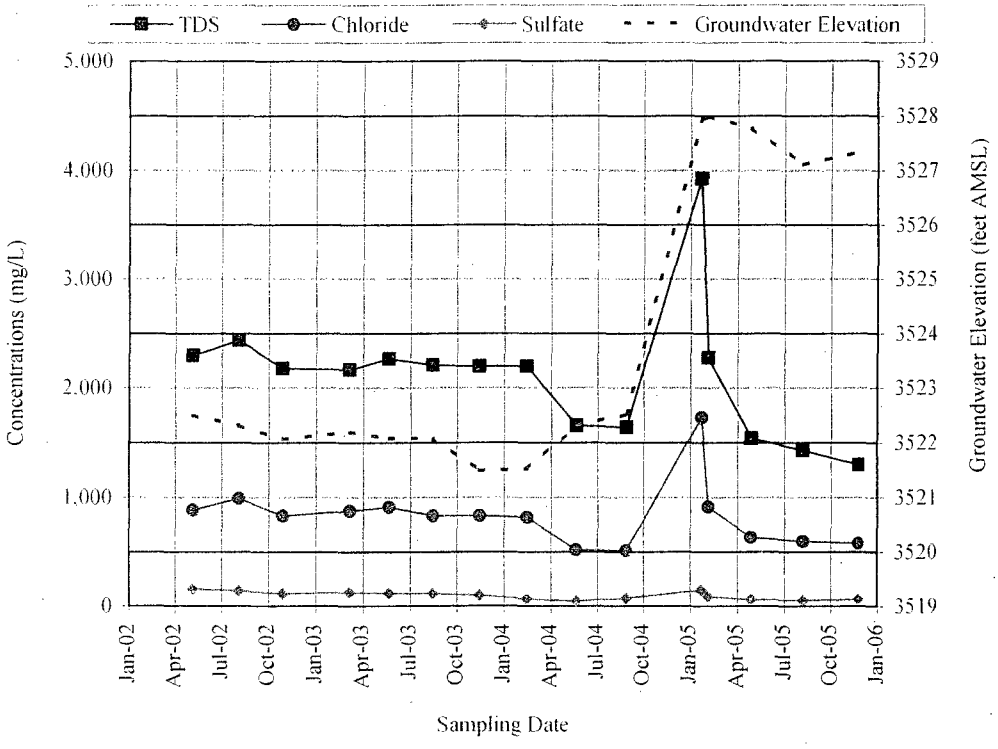


Figure 6
TDS, Chloride, Sulfate, and Groundwater Elevation Values Versus Time Graph (E5-1)
E-5 Junction Box Site (T20S, R37E, Section 5, Unit Letter E)



WELL SAMPLE DATA SHEETS

TRIDENT ENVIRONMENTAL

WELL SAMPLING DATA FORM

CLIENT: RICE *Operating Company* WELL ID: P6-1

SYSTEM: EME System DATE: February 7, 2005

SITE LOCATION: P-6 Release SAMPLER: G. Van Deventer

PURGING METHOD: ☑ Hand Bailed ☐ Pump If Pump, Type: _____

SAMPLING METHOD: ☑ Disposable Bailer ☑ Direct from Discharge Hose ☐ Other: _____

DESCRIBE EQUIPMENT DECONTAMINATION METHOD BEFORE SAMPLING THE WELL:

☑ Gloves ☑ Alconox ☑ Distilled Water Rinse ☐ Other: _____

DISPOSAL METHOD OF PURGE WATER: ☐ Surface Discharge ☐ Drums ☑ Disposal Facility

TOTAL DEPTH OF WELL: 47.95 Feet
DEPTH TO WATER: 33.54 Feet
HEIGHT OF WATER COLUMN: 14.41 Feet
WELL DIAMETER: 2.0 Inch

7 *Minimum gallons to purge 3 well volumes*
8 Actual Gallons purged

TIME	VOLUME PURGED (GAL)	TEMP. °C	COND. mS/cm	pH			PHYSICAL APPEARANCE AND REMARKS
16:24	0	---	---	---			Began purging.
16:28	2	18.2	19.93	6.58			
16:32	4	18.2	19.96	6.59			
16:36	6	18.0	20.00	6.62			
16:40	8	18.2	> 20	6.61			
						16:45	Samples collected
0:16	:Total Time (hr:min)		8	:Total Vol (gal)		0.50	:Average Flow Rate (gal/min)

COMMENTS:

Hanna Model 98130 instrument used to obtain pH, conductivity, and temperature measurements.

Delivered samples to Environmental Lab of Texas for BTEX, Major Ions, and TDS analysis.

TRIDENT ENVIRONMENTAL

WELL SAMPLING DATA FORM

CLIENT: RICE *Operating Company* | WELL ID: P6-2

SYSTEM: EME System | DATE: February 7, 2005

SITE LOCATION: P-6 Release | SAMPLER: G. Van Deventer

PURGING METHOD: ☐ Hand Bailed ☑ Pump If Pump, Type: 3-stage Mini-Monsoon Submersible Pump

SAMPLING METHOD: ☑ Disposable Bailer ☑ Direct from Discharge Hose ☐ Other:

DESCRIBE EQUIPMENT DECONTAMINATION METHOD BEFORE SAMPLING THE WELL:

☑ Gloves ☑ Alconox ☑ Distilled Water Rinse ☐ Other:

DISPOSAL METHOD OF PURGE WATER: ☐ Surface Discharge ☐ Drums ☑ Disposal Facility

TOTAL DEPTH OF WELL: 72.45 Feet
DEPTH TO WATER: 32.76 Feet
HEIGHT OF WATER COLUMN: 39.69 Feet
WELL DIAMETER: 2.0 Inch

19 Minimum gallons to purge 3 well volumes
28 Actual Gallons purged

TIME	VOLUME PURGED (GAL)	TEMP. °C	COND. mS/cm	pH			PHYSICAL APPEARANCE AND REMARKS
16:20	0	---	---	---			Began purging.
16:22	4	19.4	17.81	6.59			
16:24	8	18.7	17.97	6.58			
16:27	12	18.7	18	6.58			
16:30	16	18.6	18.02	6.59			
16:32	20	18.5	18.03	6.59			
16:34	24	18.6	18.05	6.61			
16:36	28	18.4	18.01	6.62			Purging completed.
						16:36	Samples collected
0:16	:Total Time (hr:min)		28	:Total Vol (gal)		1.75	:Average Flow Rate (gal/min)

COMMENTS:

Hanna Model 98130 instrument used to obtain pH, conductivity, and temperature measurements.

Delivered samples to Environmental Lab of Texas for BTEX, Major Ions, and TDS analysis.

TRIDENT ENVIRONMENTAL

WELL SAMPLING DATA FORM

CLIENT: RICE *Operating Company* WELL ID: M5-1

SYSTEM: EME System DATE: February 8, 2005

SITE LOCATION: M-5 SWD Site SAMPLER: G. Van Deventer

PURGING METHOD: ☑ Hand Bailed ☐ Pump If Pump, Type: _____

SAMPLING METHOD: ☑ Disposable Bailer ☑ Direct from Discharge Hose ☐ Other: _____

DESCRIBE EQUIPMENT DECONTAMINATION METHOD BEFORE SAMPLING THE WELL:

☑ Gloves ☑ Alconox ☑ Distilled Water Rinse ☐ Other: _____

DISPOSAL METHOD OF PURGE WATER: ☐ Surface Discharge ☐ Drums ☑ Disposal Facility

TOTAL DEPTH OF WELL: 32.52 Feet

DEPTH TO WATER: 28.85 Feet

HEIGHT OF WATER COLUMN: 3.67 Feet

WELL DIAMETER: 2.0 Inch

2 Minimum gallons to purge 3 well volumes

6 Actual Gallons purged

TIME	VOLUME PURGED (GAL)	TEMP. °C	COND. mS/cm	pH			PHYSICAL APPEARANCE AND REMARKS
9:21	0	---	---	---			Began purging.
9:25	2	17.3	14.01	6.61			
9:29	4	17.6	17.3	6.53			
9:34	6	17.9	16.93	6.55			
						9:40	Samples collected
0:13	:Total Time (hr:min)		6	:Total Vol (gal)		0.46	:Average Flow Rate (gal/min)

COMMENTS:

Hanna Model 98130 instrument used to obtain pH, conductivity, and temperature measurements.

Delivered samples to Environmental Lab of Texas for BTEX, Major Ions, and TDS analysis.

TRIDENT ENVIRONMENTAL

WELL SAMPLING DATA FORM

CLIENT: RICE *Operating Company* WELL ID: N5-1

SYSTEM: EME System DATE: February 8, 2005

SITE LOCATION: N-5 Junction Box Site SAMPLER: G. Van Deventer

PURGING METHOD: ☑ Hand Bailed ☐ Pump If Pump, Type: _____

SAMPLING METHOD: ☑ Disposable Bailer ☑ Direct from Discharge Hose ☐ Other: _____

DESCRIBE EQUIPMENT DECONTAMINATION METHOD BEFORE SAMPLING THE WELL:

☑ Gloves ☑ Alconox ☑ Distilled Water Rinse ☐ Other: _____

DISPOSAL METHOD OF PURGE WATER: ☐ Surface Discharge ☐ Drums ☑ Disposal Facility

TOTAL DEPTH OF WELL: 40.15 Feet
DEPTH TO WATER: 33.79 Feet
HEIGHT OF WATER COLUMN: 6.36 Feet
WELL DIAMETER: 2.0 Inch

3 Minimum gallons to purge 3 well volumes
5 Actual Gallons purged

TIME	VOLUME PURGED (GAL)	TEMP. °C	COND. mS/cm	pH			PHYSICAL APPEARANCE AND REMARKS
11:25	0	---	---	---			Began purging.
11:27	1	17.5	4.79	6.61			
11:30	2	18.2	5.27	6.60			
11:32	3	18.3	5.55	6.64			
11:34	4	18.4	5.14	6.60			
11:37	5	18.3	5.33	6.62			
						11:40	Samples collected
0:12	:Total Time (hr:min)		5	:Total Vol (gal)		0.42	:Average Flow Rate (gal/min)

COMMENTS:

Hanna Model 98130 instrument used to obtain pH, conductivity, and temperature measurements.

Delivered samples to Environmental Lab of Texas for BTEX, Major Ions, and TDS analysis.

TRIDENT ENVIRONMENTAL

WELL SAMPLING DATA FORM

CLIENT: RICE *Operating Company* WELL ID: E5-1

SYSTEM: EME System DATE: February 8, 2005

SITE LOCATION: E-5 Junction Box Site SAMPLER: G. Van Deventer

PURGING METHOD: ☑ Hand Bailed ☐ Pump If Pump, Type: _____

SAMPLING METHOD: ☑ Disposable Bailer ☑ Direct from Discharge Hose ☐ Other: _____

DESCRIBE EQUIPMENT DECONTAMINATION METHOD BEFORE SAMPLING THE WELL:

☑ Gloves ☑ Alconox ☑ Distilled Water Rinse ☐ Other: _____

DISPOSAL METHOD OF PURGE WATER: ☐ Surface Discharge ☐ Drums ☑ Disposal Facility

TOTAL DEPTH OF WELL: 45.35 Feet
DEPTH TO WATER: 35.23 Feet
HEIGHT OF WATER COLUMN: 10.12 Feet
WELL DIAMETER: 2.0 Inch

5 Minimum gallons to purge 3 well volumes
6 Actual Gallons purged

TIME	VOLUME PURGED (GAL)	TEMP. °C	COND. mS/cm	pH			PHYSICAL APPEARANCE AND REMARKS
10:37	0	---	---	---			Began purging.
10:40	2	17.9	5.54	6.92			
10:45	4	18.8	4.01	6.90			
10:48	5	18.9	4.17	6.88			
10:50	6	19.0	3.85	6.92			
						10:55	Samples collected
0:13	:Total Time (hr:min)		6	:Total Vol (gal)		0.46	:Average Flow Rate (gal/min)

COMMENTS:

Hanna Model 98130 instrument used to obtain pH, conductivity, and temperature measurements.

Delivered samples to Environmental Lab of Texas for BTEX, Major Ions, and TDS analysis.

TRIDENT ENVIRONMENTAL

WELL SAMPLING DATA FORM

CLIENT: RICE *Operating Company* WELL ID: P6-1

SYSTEM: EME System DATE: May 3, 2005

SITE LOCATION: P-6 Release SAMPLER: G. Van Deventer

PURGING METHOD: ☑ Hand Bailed ☐ Pump If Pump, Type: _____

SAMPLING METHOD: ☑ Disposable Bailer ☑ Direct from Discharge Hose ☐ Other: _____

DESCRIBE EQUIPMENT DECONTAMINATION METHOD BEFORE SAMPLING THE WELL:

☑ Gloves ☑ Alconox ☑ Distilled Water Rinse ☐ Other: _____

DISPOSAL METHOD OF PURGE WATER: ☐ Surface Discharge ☐ Drums ☑ Disposal Facility

TOTAL DEPTH OF WELL: 47.95 Feet
DEPTH TO WATER: 32.76 Feet
HEIGHT OF WATER COLUMN: 15.19 Feet
WELL DIAMETER: 2.0 Inch

7 Minimum gallons to purge 3 well volumes
8 Actual Gallons purged

TIME	VOLUME PURGED (GAL)	TEMP. °C	COND. mS/cm	pH*			PHYSICAL APPEARANCE AND REMARKS
16:24	0	---	---	---			Began purging.
16:28	2	16.6	18.86	6.17			* pH readings suspect
16:32	4	16.9	17.71	6.21			
16:36	6	16.7	17.99	6.10			
16:40	8	16.9	18.92	5.28			
						16:45	Samples collected
0:16	:Total Time (hr:min)		8	:Total Vol (gal)		0.50	:Average Flow Rate (gal/min)

COMMENTS:

Hanna Model 98130 instrument used to obtain pH, conductivity, and temperature measurements.

Delivered samples to Environmental Lab of Texas for BTEX, Major Ions, and TDS analysis.

TRIDENT ENVIRONMENTAL

WELL SAMPLING DATA FORM

CLIENT: RICE *Operating Company* | WELL ID: P6-2

SYSTEM: EME System | DATE: May 3, 2005

SITE LOCATION: P-6 Release | SAMPLER: G. Van Deventer

PURGING METHOD: ☐ Hand Bailed ☑ Pump If Pump, Type: 3-stage Mini-Monsoon Submersible Pump

SAMPLING METHOD: ☑ Disposable Bailer ☑ Direct from Discharge Hose ☐ Other:

DESCRIBE EQUIPMENT DECONTAMINATION METHOD BEFORE SAMPLING THE WELL:

☑ Gloves ☑ Alconox ☑ Distilled Water Rinse ☐ Other:

DISPOSAL METHOD OF PURGE WATER: ☐ Surface Discharge ☐ Drums ☑ Disposal Facility

TOTAL DEPTH OF WELL: 72.45 Feet
DEPTH TO WATER: 32.29 Feet
HEIGHT OF WATER COLUMN: 40.16 Feet
WELL DIAMETER: 2.0 Inch

20 Minimum gallons to purge 3 well volumes
35 Actual Gallons purged

TIME	VOLUME PURGED (GAL)	TEMP. °C	COND. mS/cm	pH*			PHYSICAL APPEARANCE AND REMARKS
16:20	0	---	---	---			Began purging.
16:22	5	16.4	14.45	5.09			* pH readings suspect
16:24	10	17.0	14.83	5.07			
16:27	15	17.9	15.11	5.14			
16:30	20	18.1	15.18	5.17			
16:32	25	18.1	15.14	4.88			
16:34	30	17.9	15.17	4.89			
16:36	35	18.0	15.25	4.92			Purging completed.
						16:36	Samples collected
0:16	:Total Time (hr:min)		35	:Total Vol (gal)		2.19	:Average Flow Rate (gal/min)

COMMENTS:

Hanna Model 98130 instrument used to obtain pH, conductivity, and temperature measurements.

Delivered samples to Environmental Lab of Texas for BTEX, Major Ions, and TDS analysis.

TRIDENT ENVIRONMENTAL

WELL SAMPLING DATA FORM

CLIENT: RICE *Operating Company* | WELL ID: M5-1

SYSTEM: EME System | DATE: May 3, 2005

SITE LOCATION: M-5 SWD Site | SAMPLER: G. Van Deventer

PURGING METHOD: ☑ Hand Bailed ☐ Pump If Pump, Type: _____

SAMPLING METHOD: ☑ Disposable Bailer ☑ Direct from Discharge Hose ☐ Other: _____

DESCRIBE EQUIPMENT DECONTAMINATION METHOD BEFORE SAMPLING THE WELL:

☑ Gloves ☑ Alconox ☑ Distilled Water Rinse ☐ Other: _____

DISPOSAL METHOD OF PURGE WATER: ☐ Surface Discharge ☐ Drums ☑ Disposal Facility

TOTAL DEPTH OF WELL: 32.52 Feet
DEPTH TO WATER: 28.10 Feet
HEIGHT OF WATER COLUMN: 4.42 Feet
WELL DIAMETER: 2.0 Inch

2 Minimum gallons to purge 3 well volumes
6 Actual Gallons purged

TIME	VOLUME PURGED (GAL)	TEMP. °C	COND. mS/cm	pH*			PHYSICAL APPEARANCE AND REMARKS
15:50	0	---	---	---			Began purging.
15:54	2	16.8	14.14	5.26			* pH readings suspect
15:59	4	17.1	13.53	5.31			
16:05	6	17.5	14.47	4.79			
						16:10	Samples collected
0:15	:Total Time (hr:min)		6	:Total Vol (gal)		0.40	:Average Flow Rate (gal/min)

COMMENTS:

Hanna Model 98130 instrument used to obtain pH, conductivity, and temperature measurements.

Delivered samples to Environmental Lab of Texas for BTEX, Major Ions, and TDS analysis.

TRIDENT ENVIRONMENTAL

WELL SAMPLING DATA FORM

CLIENT: RICE *Operating Company* WELL ID: N5-1

SYSTEM: EME System DATE: May 3, 2005

SITE LOCATION: N-5 Junction Box Site SAMPLER: G. Van Deventer

PURGING METHOD: ☑ Hand Bailed ☐ Pump If Pump, Type: _____

SAMPLING METHOD: ☑ Disposable Bailer ☑ Direct from Discharge Hose ☐ Other: _____

DESCRIBE EQUIPMENT DECONTAMINATION METHOD BEFORE SAMPLING THE WELL:

☑ Gloves ☑ Alconox ☑ Distilled Water Rinse ☐ Other: _____

DISPOSAL METHOD OF PURGE WATER: ☐ Surface Discharge ☐ Drums ☑ Disposal Facility

TOTAL DEPTH OF WELL: 40.15 Feet
DEPTH TO WATER: 34.50 Feet
HEIGHT OF WATER COLUMN: 5.65 Feet
WELL DIAMETER: 2.0 Inch

3 Minimum gallons to purge 3 well volumes
6 Actual Gallons purged

TIME	VOLUME PURGED (GAL)	TEMP. °C	COND. mS/cm	pH			PHYSICAL APPEARANCE AND REMARKS
17:00	0	---	---	---			Began purging.
17:00	2	16.5	6.88	6.87			
17:08	4	17.5	6.73	6.63			
17:12	6	17.5	6.76	6.64			
						17:15	Samples collected
0:12	:Total Time (hr:min)		6	:Total Vol (gal)		0.50	:Average Flow Rate (gal/min)

COMMENTS:

Hanna Model 98130 instrument used to obtain pH, conductivity, and temperature measurements.

Delivered samples to Environmental Lab of Texas for BTEX, Major Ions, and TDS analysis.

TRIDENT ENVIRONMENTAL

WELL SAMPLING DATA FORM

CLIENT: RICE *Operating Company* WELL ID: E5-1

SYSTEM: EME System DATE: May 3, 2005

SITE LOCATION: E-5 Junction Box Site SAMPLER: G. Van Deventer

PURGING METHOD: ☑ Hand Bailed ☐ Pump If Pump, Type: _____

SAMPLING METHOD: ☑ Disposable Bailer ☑ Direct from Discharge Hose ☐ Other: _____

DESCRIBE EQUIPMENT DECONTAMINATION METHOD BEFORE SAMPLING THE WELL:

☑ Gloves ☑ Alconox ☑ Distilled Water Rinse ☐ Other: _____

DISPOSAL METHOD OF PURGE WATER: ☐ Surface Discharge ☐ Drums ☑ Disposal Facility

TOTAL DEPTH OF WELL: 45.35 Feet
DEPTH TO WATER: 35.44 Feet
HEIGHT OF WATER COLUMN: 9.91 Feet
WELL DIAMETER: 2.0 Inch

5 Minimum gallons to purge 3 well volumes
6 Actual Gallons purged

TIME	VOLUME PURGED (GAL)	TEMP. °C	COND. mS/cm	pH			PHYSICAL APPEARANCE AND REMARKS
16:43	0	---	---	---			Began purging.
16:47	2	18.3	3.9	7.22			
16:53	4	18.5	3.01	7.33			
16:58	6	18.6	3.16	7.21			
						17:00	Samples collected
0:15	:Total Time (hr:min)		6	:Total Vol (gal)		0.40	:Average Flow Rate (gal/min)

COMMENTS:

Hanna Model 98130 instrument used to obtain pH, conductivity, and temperature measurements.

Delivered samples to Environmental Lab of Texas for BTEX, Major Ions, and TDS analysis.

WELL SAMPLING DATA FORM

CLIENT: RICE *Operating Company* WELL ID: P6-1

SYSTEM: EME System DATE: August 11, 2005

SITE LOCATION: P-6 Release SAMPLER: G. Van Deventer

PURGING METHOD: ☑ Hand Bailed ☐ Pump If Pump, Type: _____

SAMPLING METHOD: ☑ Disposable Bailer ☑ Direct from Discharge Hose ☐ Other: _____

DESCRIBE EQUIPMENT DECONTAMINATION METHOD BEFORE SAMPLING THE WELL:

☑ Gloves ☑ Alconox ☑ Distilled Water Rinse ☐ Other: _____

DISPOSAL METHOD OF PURGE WATER: ☐ Surface Discharge ☐ Drums ☑ Disposal Facility

TOTAL DEPTH OF WELL: 47.95 Feet

DEPTH TO WATER: 32.76 Feet

HEIGHT OF WATER COLUMN: 15.19 Feet

WELL DIAMETER: 2.0 Inch

7 Minimum gallons to purge 3 well volumes

8 Actual Gallons purged

TIME	VOLUME PURGED (GAL)	TEMP. °F	COND. mS/cm	pH			PHYSICAL APPEARANCE AND REMARKS
16:51	0	---	---	---			Began purging.
16:56	2	70.2	24.63	7.76			
17:01	4	68.7	25.14	7.73			
17:10	6	67.7	25.86	7.73			
17:15	8	67.4	26.26	7.72			
						17:20	Samples collected
0:24	:Total Time (hr:min)		8	:Total Vol (gal)		0.33	:Average Flow Rate (gal/min)

COMMENTS:

Hanna Model 98130 instrument used to obtain pH, conductivity, and temperature measurements.

Delivered samples to Environmental Lab of Texas for BTEX, Major Ions, and TDS analysis.

WELL SAMPLING DATA FORM

CLIENT: RICE *Operating Company* WELL ID: P6-2

SYSTEM: EME System DATE: August 11, 2005

SITE LOCATION: P-6 Release SAMPLER: G. Van Deventer

PURGING METHOD: ☐ Hand Bailed ☑ Pump If Pump, Type: 3-stage Mini-Monsoon Submersible Pump

SAMPLING METHOD: ☑ Disposable Bailer ☑ Direct from Discharge Hose ☐ Other:

DESCRIBE EQUIPMENT DECONTAMINATION METHOD BEFORE SAMPLING THE WELL:

☑ Gloves ☑ Alconox ☑ Distilled Water Rinse ☐ Other:

DISPOSAL METHOD OF PURGE WATER: ☐ Surface Discharge ☐ Drums ☑ Disposal Facility

TOTAL DEPTH OF WELL: 72.45 Feet

DEPTH TO WATER: 32.29 Feet

HEIGHT OF WATER COLUMN: 40.16 Feet

WELL DIAMETER: 2.0 Inch

20 Minimum gallons to purge 3 well volumes

40 Actual Gallons purged

TIME	VOLUME PURGED (GAL)	TEMP. °F	COND. mS/cm	pH			PHYSICAL APPEARANCE AND REMARKS
17:52	0	---	---	---			Began purging.
17:57	10	73.0	18.11	7.67			
18:03	20	71.2	18.51	7.76			
18:07	30	70.3	18.53	7.68			
18:14	40	70.8	18.72	7.81			
							Purging completed.
						18:16	Samples collected
0:22	:Total Time (hr:min)		40	:Total Vol (gal)		1.82	:Average Flow Rate (gal/min)

COMMENTS:

Hanna Model 98130 instrument used to obtain pH, conductivity, and temperature measurements.

Delivered samples to Environmental Lab of Texas for BTEX, Major Ions, and TDS analysis.

WELL SAMPLING DATA FORM

CLIENT: RICE *Operating Company* WELL ID: M5-1

SYSTEM: EME System DATE: August 11, 2005

SITE LOCATION: M-5 SWD Site SAMPLER: G. Van Deventer

PURGING METHOD: ☑ Hand Bailed ☐ Pump If Pump, Type: _____

SAMPLING METHOD: ☑ Disposable Bailer ☑ Direct from Discharge Hose ☐ Other: _____

DESCRIBE EQUIPMENT DECONTAMINATION METHOD BEFORE SAMPLING THE WELL:

☑ Gloves ☑ Alconox ☑ Distilled Water Rinse ☐ Other: _____

DISPOSAL METHOD OF PURGE WATER: ☐ Surface Discharge ☐ Drums ☑ Disposal Facility

TOTAL DEPTH OF WELL: 32.52 Feet

DEPTH TO WATER: 28.10 Feet

HEIGHT OF WATER COLUMN: 4.42 Feet

WELL DIAMETER: 2.0 Inch

2 Minimum gallons to purge 3 well volumes

6 Actual Gallons purged

TIME	VOLUME PURGED (GAL)	TEMP. °F	COND. mS/cm	pH			PHYSICAL APPEARANCE AND REMARKS
19:01	0	---	---	---			Began purging.
19:09	2	71.4	18.76	7.79			
19:17	4	67.8	18.81	7.67			
19:20	6	67.0	18.89	7.63			
						19:23	Samples collected
0:19	:Total Time (hr:min)		6	:Total Vol (gal)		0.32	:Average Flow Rate (gal/min)

COMMENTS:

Hanna Model 98130 instrument used to obtain pH, conductivity, and temperature measurements.

Delivered samples to Environmental Lab of Texas for BTEX, Major Ions, and TDS analysis.

WELL SAMPLING DATA FORM

CLIENT: RICE *Operating Company* WELL ID: N5-1

SYSTEM: EME System DATE: August 11, 2005

SITE LOCATION: N-5 Junction Box Site SAMPLER: G. Van Deventer

PURGING METHOD: ☑ Hand Bailed ☐ Pump If Pump, Type: _____

SAMPLING METHOD: ☑ Disposable Bailer ☑ Direct from Discharge Hose ☐ Other: _____

DESCRIBE EQUIPMENT DECONTAMINATION METHOD BEFORE SAMPLING THE WELL:

☑ Gloves ☑ Alconox ☑ Distilled Water Rinse ☐ Other: _____

DISPOSAL METHOD OF PURGE WATER: ☐ Surface Discharge ☐ Drums ☑ Disposal Facility

TOTAL DEPTH OF WELL: 40.15 Feet
DEPTH TO WATER: 34.50 Feet
HEIGHT OF WATER COLUMN: 5.65 Feet
WELL DIAMETER: 2.0 Inch

3 Minimum gallons to purge 3 well volumes
6 Actual Gallons purged

TIME	VOLUME PURGED (GAL)	TEMP. °F	COND. mS/cm	pH			PHYSICAL APPEARANCE AND REMARKS
14:10	0	---	---	---			Began purging.
14:17	2	71.3	6.07	7.71			
14:21	4	68.5	6.14	7.75			
14:26	6	68.9	6.14	7.79			
						14:29	Samples collected
0:16	:Total Time (hr:min)		6	:Total Vol (gal)		0.38	:Average Flow Rate (gal/min)

COMMENTS:

Hanna Model 98130 instrument used to obtain pH, conductivity, and temperature measurements.

Delivered samples to Environmental Lab of Texas for BTEX, Major Ions, and TDS analysis.

WELL SAMPLING DATA FORM

CLIENT: RICE *Operating Company* WELL ID: E5-1

SYSTEM: EME System DATE: August 11, 2005

SITE LOCATION: E-5 Junction Box Site SAMPLER: G. Van Deventer

PURGING METHOD: ☑ Hand Bailed ☐ Pump If Pump, Type: _____

SAMPLING METHOD: ☑ Disposable Bailer ☑ Direct from Discharge Hose ☐ Other: _____

DESCRIBE EQUIPMENT DECONTAMINATION METHOD BEFORE SAMPLING THE WELL:

☑ Gloves ☑ Alconox ☑ Distilled Water Rinse ☐ Other: _____

DISPOSAL METHOD OF PURGE WATER: ☐ Surface Discharge ☐ Drums ☑ Disposal Facility

TOTAL DEPTH OF WELL: 45.35 Feet

DEPTH TO WATER: 35.44 Feet

HEIGHT OF WATER COLUMN: 9.91 Feet

WELL DIAMETER: 2.0 Inch

5 Minimum gallons to purge 3 well volumes

6 Actual Gallons purged

TIME	VOLUME PURGED (GAL)	TEMP. °F	COND. mS/cm	pH			PHYSICAL APPEARANCE AND REMARKS
19:47	0	---	---	---			Began purging.
19:51	2	69.9	3.42	8.15			
19:54	4	68.6	3.2	8.02			
19:58	6	68.3	3.06	7.99			
						20:00	Samples collected
0:11	:Total Time (hr:min)		6	:Total Vol (gal)		0.55	:Average Flow Rate (gal/min)

COMMENTS:

Hanna Model 98130 instrument used to obtain pH, conductivity, and temperature measurements.

Delivered samples to Environmental Lab of Texas for BTEX, Major Ions, and TDS analysis.

WELL SAMPLING DATA FORM

CLIENT: RICE *Operating Company* WELL ID: P6-1

SYSTEM: EME DATE: November 28, 2005

SITE LOCATION: P-6 Release SAMPLER: Rozanne Johnson

PURGING METHOD: ☑ Hand Bailed ☐ Pump, Type:

SAMPLING METHOD: ☑ Disposable Bailer ☐ Direct from Discharge Hose ☐ Other:

DISPOSAL METHOD OF PURGE WATER: ☐ On-site Drum ☐ Drums ☑ SWD Disposal Facility

TOTAL DEPTH OF WELL: 47.95 Feet
DEPTH TO WATER: 32.55 Feet
HEIGHT OF WATER COLUMN: 15.40 Feet
WELL VOLUME: 2.5 Gal.

2 In. Well Diameter
8 Gallons purged prior to sampling

TIME	TEMP. °C	COND. mS/cm	pH	PHYSICAL APPEARANCE AND REMARKS
9:10	18	21.92	7.08	Clear / No Odor
				Samples Collected
				BTEX (2-40ml VOA)
				Major Ions/TDS (1-1000ml Plastic)
0:00 :Total Time (hr:min)		:Average Flow Rate (gal/min)		

Comments

Myron Model 6P instrument used to obtain pH, conductivity, and temperature measurements.

Delivered samples to Environmental Lab of Texas for BTEX, Major Ions and TDS analysis.

WELL SAMPLING DATA FORM

CLIENT: RICE *Operating Company* WELL ID: P6-2

SYSTEM: EME DATE: November 28, 2005

SITE LOCATION: P-6 Release SAMPLER: Rozanne Johnson

PURGING METHOD: ☑ Hand Bailed ☐ Pump, Type: _____

SAMPLING METHOD: ☑ Disposable Bailer ☐ Direct from Discharge Hose ☐ Other: _____

DISPOSAL METHOD OF PURGE WATER: ☐ On-site Drum ☐ Drums ☑ SWD Disposal Facility

TOTAL DEPTH OF WELL: 72.45 Feet

DEPTH TO WATER: 32.48 Feet

HEIGHT OF WATER COLUMN: 39.97 Feet

WELL VOLUME: 6.4 Gal.

2 In. Well Diameter

20 Gallons purged prior to sampling

TIME	TEMP. °C	COND. mS/cm	pH	PHYSICAL APPEARANCE AND REMARKS
10:55	17.7	17.61	7.06	Red Silt Color / No Odor
				Samples Collected
				BTEX (2-40ml VOA)
				Major Ions/TDS (1-1000ml Plastic)
0:00 :Total Time (hr:min)		:Average Flow Rate (gal/min)		

Comments

Myron Model 6P instrument used to obtain pH, conductivity, and temperature measurements.

Delivered samples to Environmental Lab of Texas for BTEX, Major Ions and TDS analysis.

WELL SAMPLING DATA FORM

CLIENT: RICE *Operating Company* WELL ID: M5-1s

SYSTEM: EME DATE: November 28, 2005

SITE LOCATION: M-5 SWD SAMPLER: Rozanne Johnson

PURGING METHOD: ☑ Hand Bailed ☐ Pump, Type:

SAMPLING METHOD: ☑ Disposable Bailer ☐ Direct from Discharge Hose ☐ Other:

DISPOSAL METHOD OF PURGE WATER: ☐ On-site Drum ☐ Drums ☑ SWD Disposal Facility

TOTAL DEPTH OF WELL: 39.90 Feet

DEPTH TO WATER: 27.87 Feet

HEIGHT OF WATER COLUMN: 12.03 Feet

WELL VOLUME: 1.9 Gal.

2 In. Well Diameter

6 Gallons purged prior to sampling

TIME	TEMP. °C	COND. mS/cm	pH	PHYSICAL APPEARANCE AND REMARKS
15:20	18.3	17.53	6.57	Clear / No Odor
				Samples Collected
				BTEX (2-40ml VOA)
				Major Ions/TDS (1-1000ml Plastic)
0:00 :Total Time (hr:min)		:Average Flow Rate (gal/min)		

Comments

Myron Model 6P instrument used to obtain pH, conductivity, and temperature measurements.

Delivered samples to Environmental Lab of Texas for BTEX, Major Ions and TDS analysis.

WELL SAMPLING DATA FORM

CLIENT: RICE *Operating Company* WELL ID: M5-1d

SYSTEM: EME DATE: November 28, 2005

SITE LOCATION: M-5 SWD SAMPLER: Rozanne Johnson

PURGING METHOD: ☑ Hand Bailed ☐ Pump, Type:

SAMPLING METHOD: ☑ Disposable Bailer ☐ Direct from Discharge Hose ☐ Other:

DISPOSAL METHOD OF PURGE WATER: ☐ On-site Drum ☐ Drums ☑ SWD Disposal Facility

TOTAL DEPTH OF WELL: 55.10 Feet
DEPTH TO WATER: 28.10 Feet
HEIGHT OF WATER COLUMN: 27.00 Feet
WELL VOLUME: 4.3 Gal.

2 In. Well Diameter
15 Gallons purged prior to sampling

TIME	TEMP. °C	COND. mS/cm	pH	PHYSICAL APPEARANCE AND REMARKS
16:50	17.9	18.45	6.67	Clear / No Odor
				Samples Collected
				BTEX (2-40ml VOA)
				Major Ions/TDS (1-1000ml Plastic)
0:00 :Total Time (hr:min)		:Average Flow Rate (gal/min)		

Comments

Myron Model 6P instrument used to obtain pH, conductivity, and temperature measurements.

Delivered samples to Environmental Lab of Texas for BTEX, Major Ions and TDS analysis.

WELL SAMPLING DATA FORM

CLIENT: RICE *Operating Company* WELL ID: N5-1

SYSTEM: EME DATE: November 28, 2005

SITE LOCATION: Jct. N-5 SAMPLER: Rozanne Johnson

PURGING METHOD: ☑ Hand Bailed ☐ Pump, Type: _____

SAMPLING METHOD: ☑ Disposable Bailer ☐ Direct from Discharge Hose ☐ Other: _____

DISPOSAL METHOD OF PURGE WATER: ☐ On-site Drum ☐ Drums ☑ SWD Disposal Facility

TOTAL DEPTH OF WELL: 40.12 Feet

DEPTH TO WATER: 32.90 Feet

HEIGHT OF WATER COLUMN: 7.22 Feet

WELL VOLUME: 1.2 Gal.

2 In. Well Diameter

5 Gallons purged prior to sampling

TIME	TEMP. °C	COND. mS/cm	pH	PHYSICAL APPEARANCE AND REMARKS
14:15	18.3	5.25	6.78	Heavy Sheen / Gray Color
				Samples Collected
				BTEX (2-40ml VOA)
				Major Ions/TDS (1-1000ml Plastic)
0:00 :Total Time (hr:min)		:Average Flow Rate (gal/min)		

Comments

Myron Model 6P instrument used to obtain pH, conductivity, and temperature measurements.

Delivered samples to Environmental Lab of Texas for BTEX, Major Ions and TDS analysis.

WELL SAMPLING DATA FORM

CLIENT: RICE *Operating Company* WELL ID: E5-1

SYSTEM: EME DATE: November 28, 2005

SITE LOCATION: JCT. E-5 SAMPLER: Rozanne Johnson

PURGING METHOD: ☑ Hand Bailed ☐ Pump, Type:

SAMPLING METHOD: ☑ Disposable Bailer ☐ Direct from Discharge Hose ☐ Other:

DISPOSAL METHOD OF PURGE WATER: ☐ On-site Drum ☐ Drums ☑ SWD Disposal Facility

TOTAL DEPTH OF WELL: 45.35 Feet
DEPTH TO WATER: 35.87 Feet
HEIGHT OF WATER COLUMN: 9.48 Feet
WELL VOLUME: 1.5 Gal.

2 In. Well Diameter
5 Gallons purged prior to sampling

TIME	TEMP. °C	COND. mS/cm	pH	PHYSICAL APPEARANCE AND REMARKS
18:10	18.5	2.43	6.88	Clear / No Odor
				Samples Collected
				BTEX (2-40ml VOA)
				Major Ions/TDS (1-1000ml Plastic)
0:00 :Total Time (hr:min)		:Average Flow Rate (gal/min)		

Comments

Myron Model 6P instrument used to obtain pH, conductivity, and temperature measurements.

Delivered samples to Environmental Lab of Texas for BTEX, Major Ions and TDS analysis.

LABORATORY REPORTS

AND

CHAIN OF CUSTODY DOCUMENTATION

(This information provided on compact disk)