AP - 27

ANNUAL MONITORING REPORT

YEAR(S):

2004

RICE Operating

AP-27 BD

LEAK ~~Junction Box~~ E-15

2004 Annual Report

Whole Earth Environmental
2103 Arbor Cove
Katy, TX 77494
281.394.2050
whearth@msn.com

RICE *Operating Company*

122 West Taylor • Hobbs, New Mexico 88240
Phone: (505)393-9174 • Fax: (505) 397-1471

CERTIFIED MAIL
RETURN RECEIPT NO. 7002 2410 0000 4940 1848

January 28, 2005

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: 2004 MONITOR WELL REPORT/SAMPLING SUMMARY
E-15 LEAK SITE, BD SWD SYSTEM
UNIT 'E', SEC. 15, T22S, R37E
NMOCD CASE #AP-27

Mr. Price:

Rice Operating Company (ROC) takes this opportunity to submit the 2004 Annual Monitor Well Report prepared by Whole Earth Environmental, Inc. (Whole Earth) of Houston, Texas for the E-15 leak site located in the Blinebry-Drinkard (BD) Salt Water Disposal (SWD) System. As in 2004, Whole Earth will sample the wells and Environmental Lab of Texas of Odessa will continue to conduct the water analysis in 2005. With the recent resolution of various landowner issues, NMOCD may expect to see significant progress on this site in 2005.

ROC is the service provider (operator) for the BD Salt Water Disposal System and has no ownership of any portion of pipeline, well, or facility. The BD 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 or Mike Griffin.

RICE OPERATING COMAPANY

Kristin Farris Pope

Kristin Farris Pope
Project Scientist

enclosures: 2004 annual report

cc: LBG, CDH, Whole Earth, file, Rob Roy Industries,

Chris Williams
NMOCD, District I Office
1625 N. French Drive
Hobbs, NM 88240

Executive Summary

Location
The site is located approximately five miles southeast of Eunice, New Mexico on fee land. The primary land use of the area is for the grazing of cattle.

Remediation History
In October, 2001 Whole Earth excavated approximately twenty-nine thousand cubic yards of brine contaminated soils from an area having the approximate dimensions of 140' X 160' X 35' bgs. In accordance with the remediation protocol PR-62, each of the four side walls and the bottom of the excavation were sampled and tested at Environmental Labs of Texas for the presence and concentrations of BTEX, TPH and chlorides.

A clay liner having the minimum compacted thickness of 12" was constructed at the bottom of the excavation and tested by Pettigrew and Associates for density. A 20 mil high density polyethylene liner was placed atop the clay barrier and brought up the sides of the excavation to the surface. Care was taken to insure that the liner was not cut or punctured during placement or backfilling. The excavated soils were replaced within the excavation and compacted to minimize future subsidence. A top liner also consisting of 20 mil high density polyethylene was set at a maximum depth of 5' bgs and the bottom liner folded over all edges.

Fresh topsoils were placed atop the upper liner and contoured to match the surrounding elevations. The area was seeded with native grasses to minimize erosion, and posts were installed at each corner of the encapsulated area advising of the presence of a buried liner.

Hydrological Activities
Significant delays were encountered in obtaining easement agreements with the affected landowners to install additional delineation and recovery wells. Final agreement was concluded on November 1st, 2004. The first available date for scheduling a drilling rig was December 27th.

We attempted to advance a monitor well to the southeast of the existing delineation string drilling to a total depth of 107' below ground surface (bgs) without finding water though the redbeds were encountered at 85' bgs. The lack of water at monitor well 5DH clearly defines the southeastern (down-gradient) edge of the plume. Split spoon soil samples were obtained during the drilling of the monitor well and showed nominal chloride concentrations throughout the entire vertical profile. The dry hole was sealed with bentonite at the top and bottom of the bore and grouted within the interval.

A second 4" diameter source well was advanced at a point approximately equidistant between monitor wells one and two encountering water at an approximate depth of 73' bgs. The well was cased, screened, developed and tested on December 28th. The results of the water quality survey are contained within the laboratory analytical section of this report.

We will be setting another monitor well to the east of the existing string in February pending a favorable outcome of citing discussions with the landowner. The NMOCD will be notified in advance of the drilling event to witness the operations.

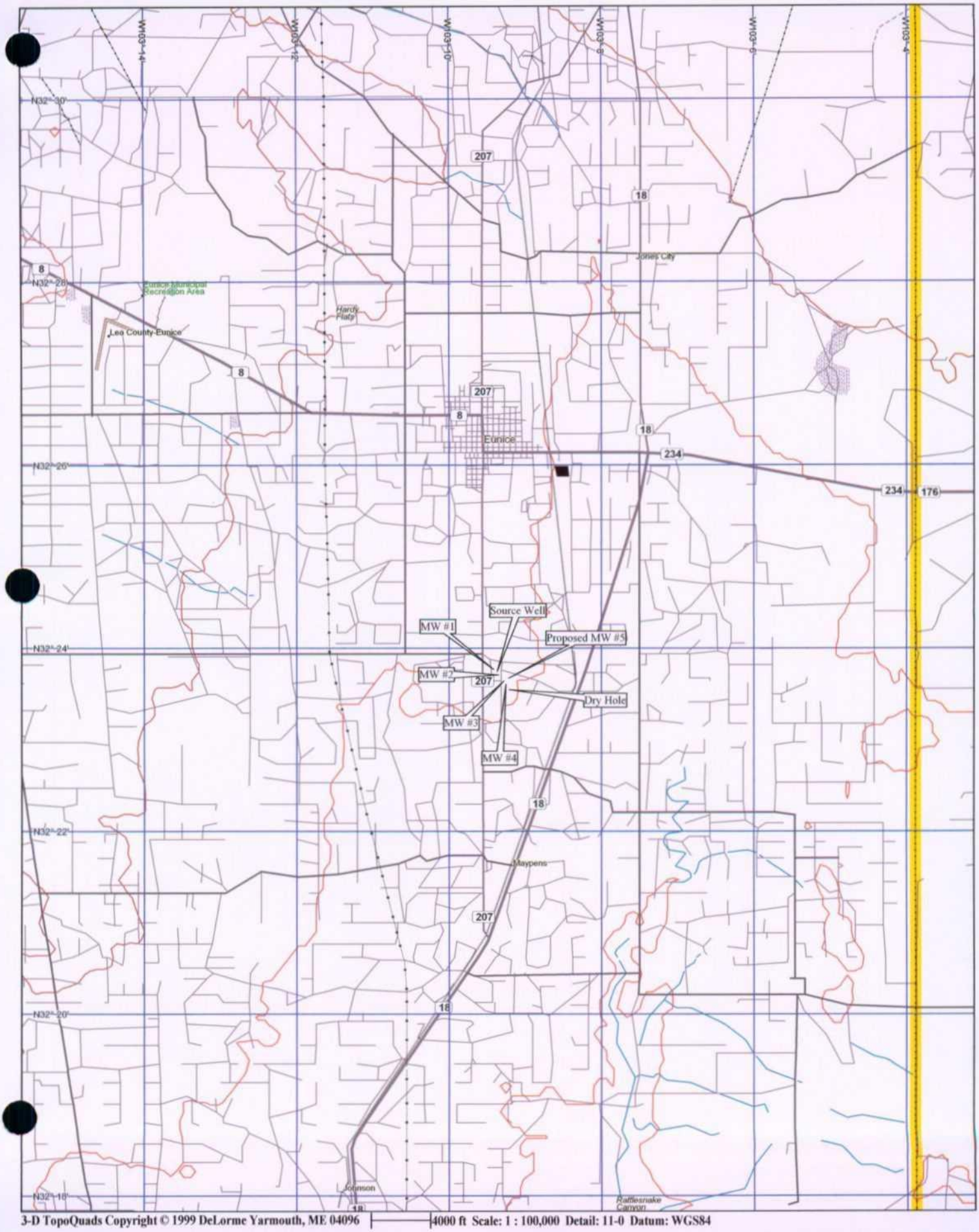
Investigations are continuing as to the best method of drawing and treating fluids from the recovery well. We are presently considering four options:

- Solar panels to power a down-hole pump and reverse osmosis system capable of pumping approximately 1,000 gallons of fluid per day producing approximately 300 gallons per day of potable water.
- Skid mounted electrical generators powering both the down-hole pump and RO unit-again producing approximately 1,000 gallons per day.
- A hard wired system. The potential volumes of produced fluids are quite flexible and depend largely on the disposal systems capacity for transporting the highly concentrated effluent generated by the RO unit.
- A purely mechanical system driven entirely by wind power.

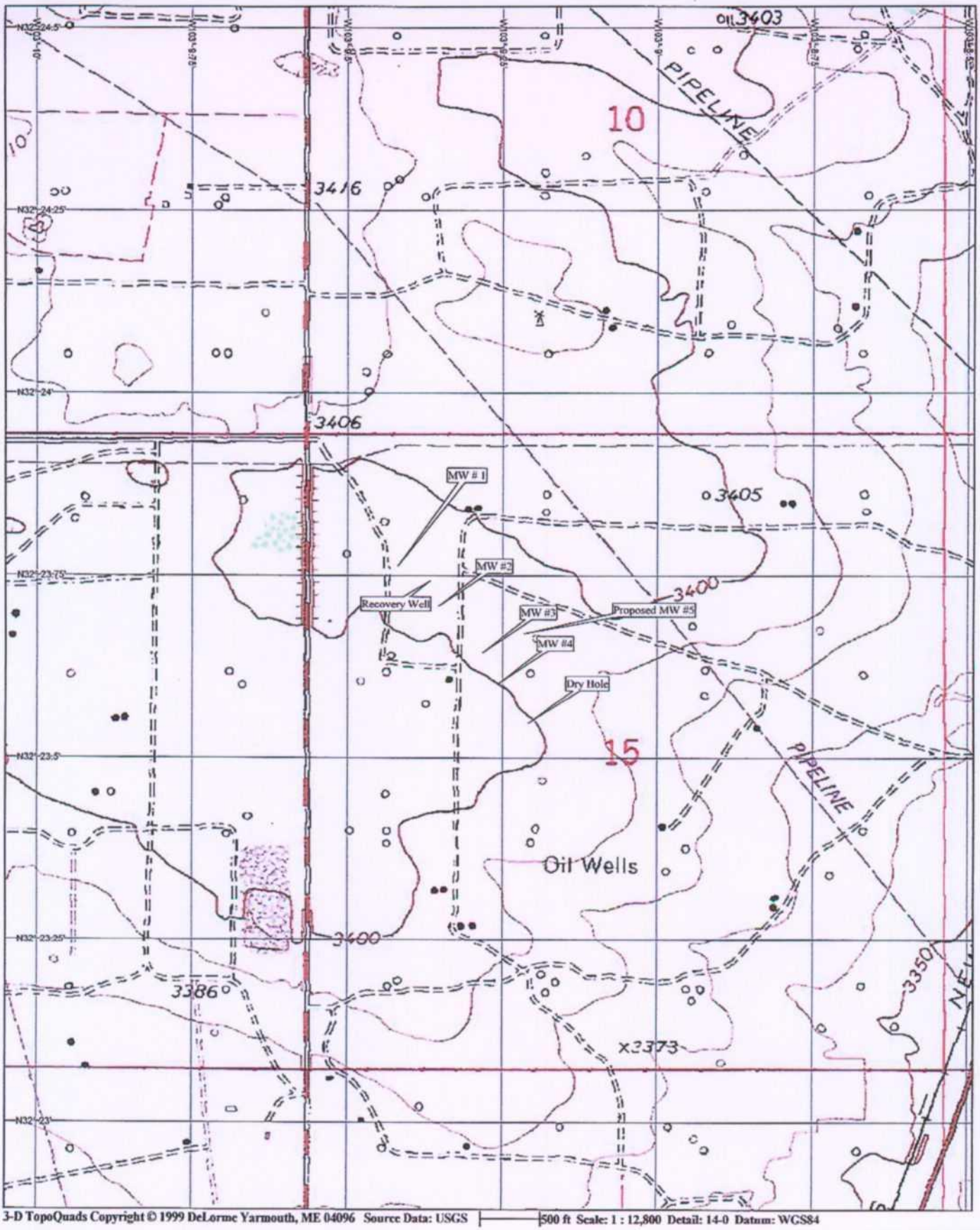
We hope to have a final decision on the treatment approach by the end of March.

Exhibit Index

1. U.S.G.S. topographical map showing the location relative to major landmarks
2. U.S.G.S. topographical map showing surface contours
3. Basin Survey plat map showing the exact location of the monitor wells
4. Gradient chart
5. Chloride isopleth
6. Potentiometric contour map showing surface elevations and site landmarks
7. Boring Log recovery well
8. Boring Log monitor well # 1
9. Boring Log monitor well # 2
10. Boring Log monitor well # 3
11. Boring Log monitor well # 4
12. Boring Log monitor well # 5DH

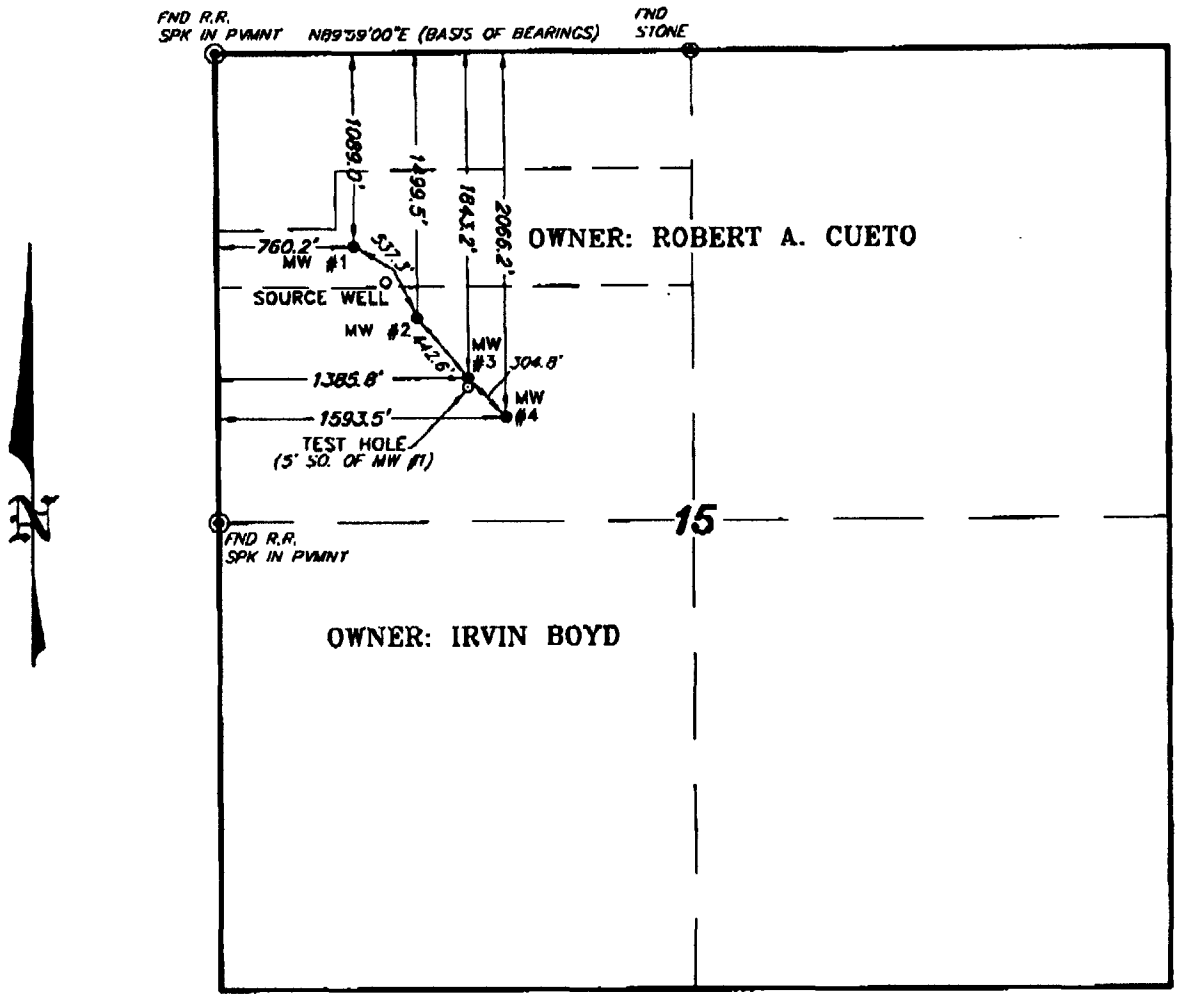


 4000 ft Scale: 1 : 100,000 Detail: 11-0 Datum: WGS84



 500 ft Scale: 1 : 12,800 Detail: 14-0 Datum: WGS84

SECTION 15, TOWNSHIP 22 SOUTH, RANGE 37 EAST, N.M.P.M.,
LEA COUNTY, NEW MEXICO.



WELL	GRND ELEV.	PAD ELEV.	NORTHING	EASTING	LATITUDE	LONGITUDE
MW #1	3398.3'	3398.6'	N509436.578	E904771.875	N32°23'42.0"	W103°09'21.2"
MW #2	3398.4'	3398.9'	N509096.706	E905055.281	N32°23'38.6"	W103°09'17.9"
MW #3	3397.6'	3397.8'	N509842.177	E904419.441	N32°23'46.1"	W103°09'25.2"
MW #4	3397.9'	3398.6'	N508876.745	E905266.429	N32°23'36.4"	W103°09'15.5"

1000 0 1000 2000 FEET

I HEREBY CERTIFY THAT THIS PLAT WAS PREPARED FROM FIELD NOTES OF AN ACTUAL SURVEY AND MEETS OR EXCEEDS ALL REQUIREMENTS FOR LAND SURVEYS AS SPECIFIED BY THIS STATE.

GARY L. JONES N.M. P.S. No. 7977
TEXAS P.L.S. No. 5074

BASIN SURVEYS P.O. BOX 1786 – HOBBS, NEW MEXICO

RICE OPERATING COMPANY

REF: MONITOR WELLS BD SITE – Jct. Box E-15

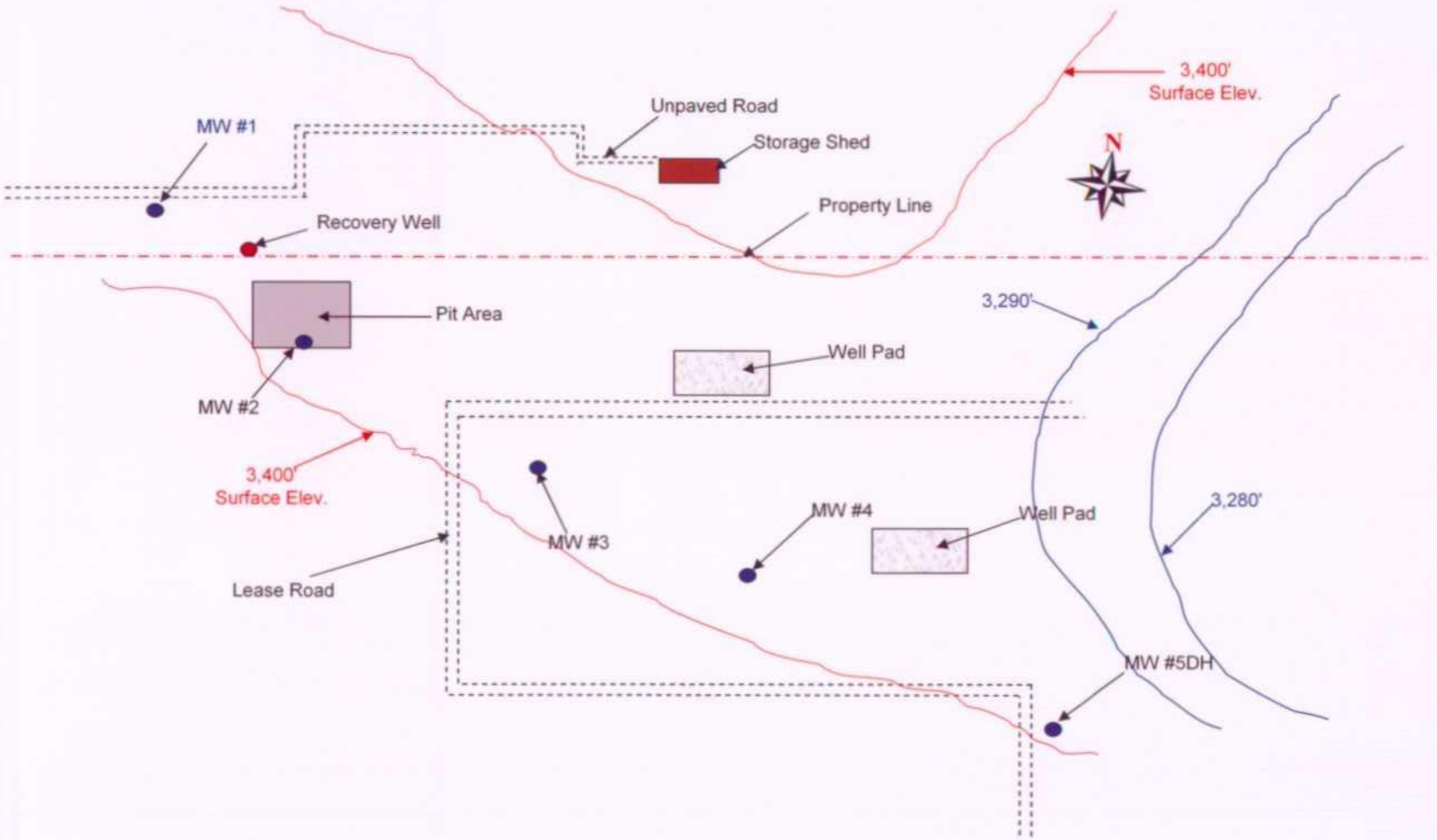
MONITOR WELLS LOCATED IN
SECTION 15, TOWNSHIP 22 SOUTH, RANGE 37 EAST,
N.M.P.M., LEA COUNTY, NEW MEXICO.

W.O. Number: 1522	Drawn By: K. GOAD		
Date: 03-13-2003	Disk: KJG CD#3 – RC1522A.DWG	Survey Date: 03-13-2003	Sheet 1 of 1 Sheets

Rice Operating Company
E-15 Remediation Project
Abatement Plan AP-27
Gradient Detail

Location	Latitude		Longitude		Surface Elevation	Top of Water	Bottom of Bore	Offset Distance	Gradient (Ft/ft)
	Degrees	Minutes	Degrees	Minutes					
MW 1	32^0	23.767' N	103^0	9.418' W	3,398.3	3,469.3	3,488.3		
MW 2	32^0	23.704' N	103^0	9.354' W	3,398.4	3,472.4	3,485.3	537.5	0.1376744
MW 3	32^0	23.639' N	103^0	9.283' W	3,397.6	3,474.4	3,493.7	442.6	0.1735201
MW 4	32^0	23.604' N	103^0	9.255' W	3,397.9	3,482.0	3,494.9	304.8	0.2759186
MW 5 (Proposed)	32^0	23.671' N	103^0	9.217' W					
Dry Hole	32^0	23.547' N	103^0	9.209' W					
Source Well	32^0	23.748' N	103^0	9.369' W					

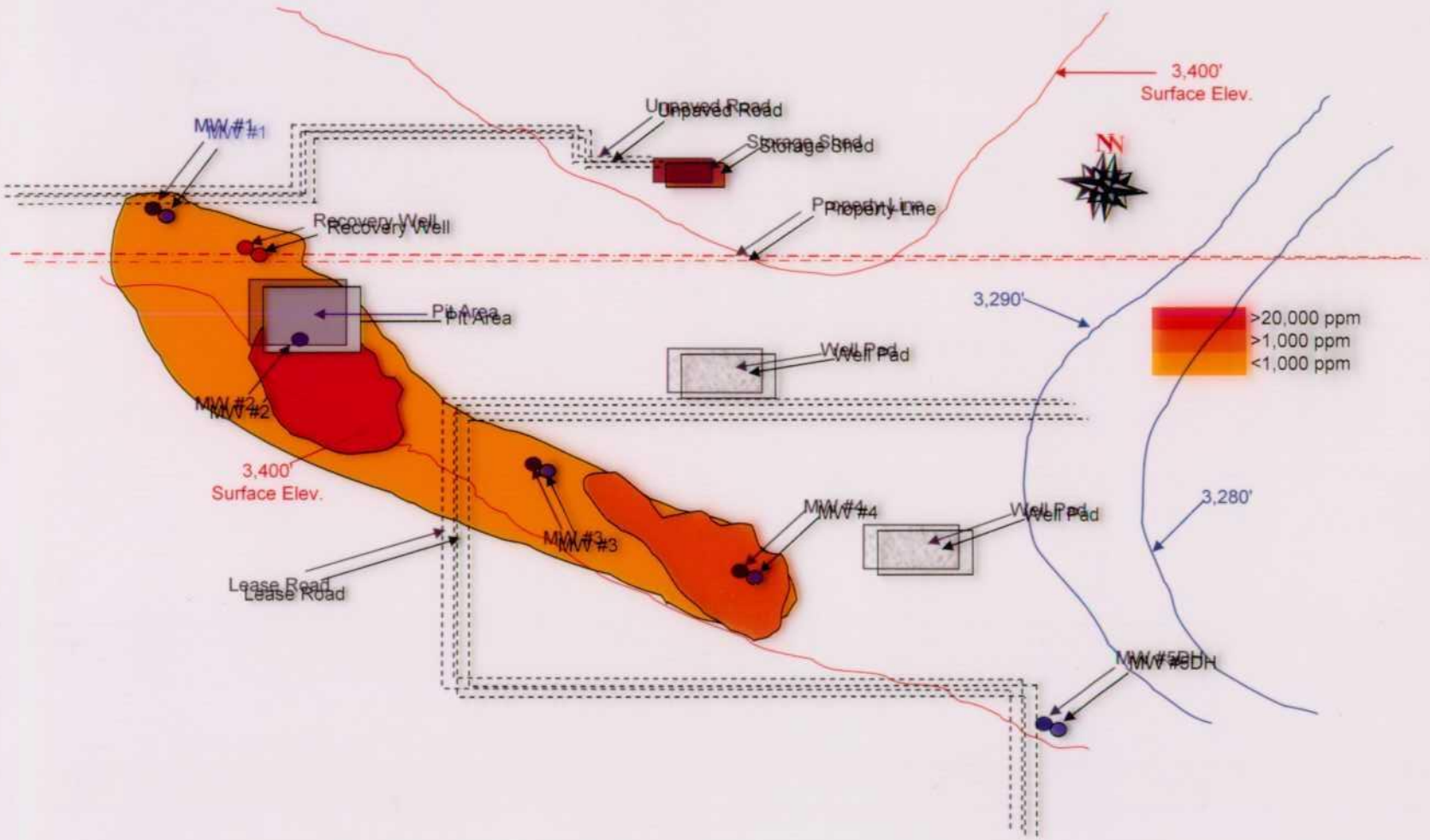
Rice Operating Company
E-15 (AP-27)
Potentiometric Contour Map



Rice Operating Company

FE 155 (AP 27)

Potentiometric Isopleth Map

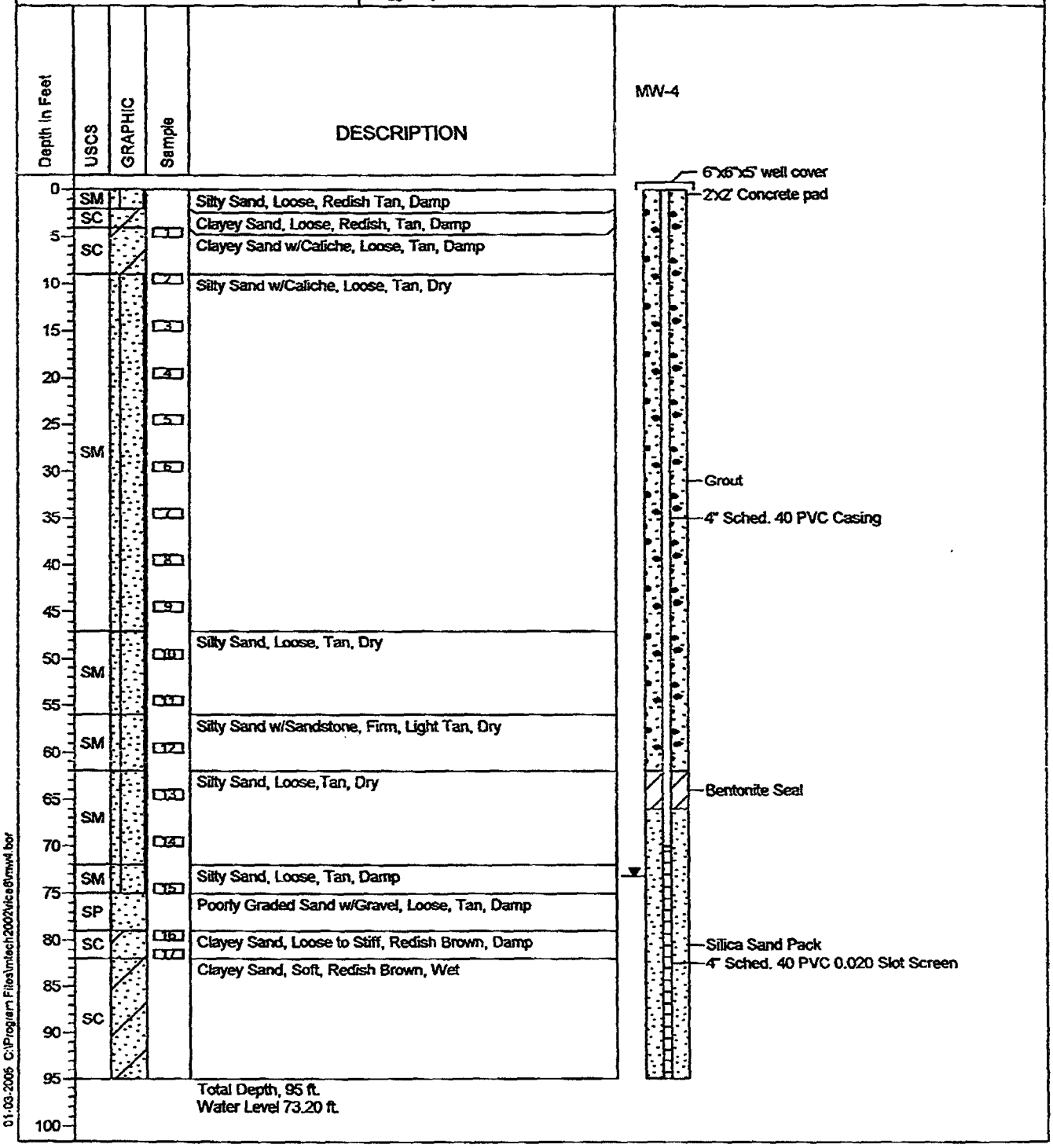


ATKINS ENGINEERING ASSOCIATES, INC.
Professional Engineering Land Surveying
Water Resources Environmental Science

Log of Boring BD-E-15 Source Well [redacted]

Rice Operating Company
122 West Taylor
Hobbs, New Mexico 88240
Contact: Roy Rascon
Job#: WHOLETH.RIC.04

Drill Start/End	: (12-28-04) 1045/1715
Drill Start/End	: (12-29-04) 0730/1145
Site Location	: NW¼NW¼, Sec. 15, T22S, R37E
Auger Type	: 6¼ Hollow Stem
Logged By	: M. Bates

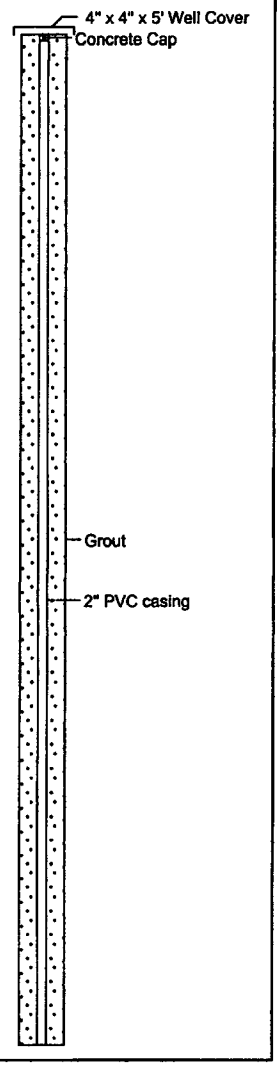


01-03-2005 C:\Program Files\intech2002\vice6\mw4.bor

Exhibit 16I

Atkins Engineering Associates, Inc. 2904 W. 2nd St., Roswell, NM 88202-3156	LOG OF BORING Rice Operating MW-4 I (Page 1 of 2)
Whole Earth Environmental 19606 San Gabriel Houston, TX 77084 Contact: Mike Griffin Job#: EUNICEG.MWD.01	Date : 05-11-01 Drill Start/End : 0900/1500 Boring Location : 3 mi. S. Eunice & : 1/4 mi. East Site Location : SE Eunice, NM : Sec. 15, T22S, R37E Auger Type : Hollow Stem Logged By : Mort Bates

Depth in Feet	GRAPHIC	USCS	Samples	DESCRIPTION	Lab	PID ppm-v
0		SP		Sand, red, loose, dry		
5		SM		Sand w/ caliche, tan, loose, dry		
10				Caliche, tan, hard, dry		
15						
20						
25						
30		SM		Sand w/ caliche, yellow, loose, dry		
35		SP		Sand, tan, loose, dry		
40		SP		Sand, tan, loose, dry		
45						
50		SP		Sand, reddish tan, loose, dry		
55						

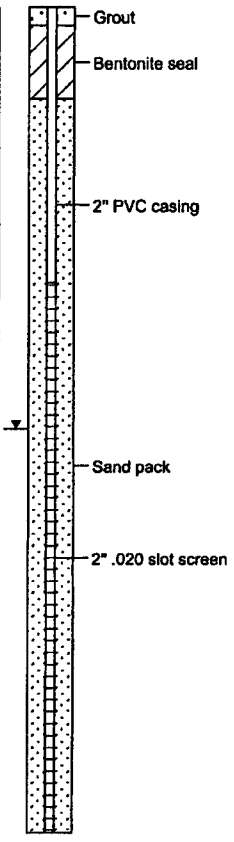


05-14-2001 C:\MTECH46\EUNICEGMWD01\mw-4.bor

Atkins Engineering Associates, Inc. 2904 W. 2nd St., Roswell, NM 88202-3156	LOG OF BORING Rice Operating MW-4 (Page 2 of 2)	
Whole Earth Environmental 19606 San Gabriel Houston, TX 77084 Contact: Mike Griffin Job#: EUNICEG.MWD.01	Date : 05-11-01 Drill Start/End : 0900/1500 Boring Location : 3 mi. S. Eunice & : 1/4 mi. East	Site Location : SE Eunice, NM : Sec. 15, T22S, R37E Auger Type : Hollow Stem Logged By : Mort Bates

Depth In Feet	GRAPHIC	USCS	Samples	DESCRIPTION	Lab	PID ppm-v
55				Sand, reddish tan, loose, dry		
60		SP				
65				Sand, tan, loose, damp		
70		SP				
75						
		SP		Sand, tan, soft, wet		
80				Sand, reddish, tan, soft, wet		
		SP				
85				Sandy clay, red, tight, moist		
90						
		CL				
95						
100				TD 100' WL 78'		
105						
110						

Well: MW-4



05-14-2001 C:\MTECH46\EUNICEG\MWD01\mw-4.bor

MW-2

02/06/2001 15:15 FAX 002

Exhibit 16G

Send original copy by certified mail to: TDLR, P.O.

ATTENTION OWNER: Confidentiality Privilege Notice on reverse side of Well Owner's copy (pink)

State of Texas
WELL REPORT

Texas Department of Licensing & Regulation
P.O. Box 12157
Austin, TX 78711
512-463-7880

1) OWNER: Rice Operating Co. (Name) ADDRESS: 122 W. Taylor (Street or RFD) Hobbs (City) NM (State) 88240 (Zip)

2) ADDRESS OF WELL'S LOCATION: County Lea; 3 S. on Hwy. 207 (Street, RFD or other) Eunice (City) NM (State) 88231 (Zip); Long. ____ Lat. ____ GRID # ____

3) TYPE OF WORK (Check): ■ New Well ☐ Deepening ☐ Reconditioning ☐ Plugging

4) PROPOSED USE (Check): ■ Monitor ☐ Environmental Soil Boring ☐ Domestic ☐ Industrial ☐ Irrigation ☐ Injection ☐ Public Supply ☐ De-watering ☐ Testwell
If Public Supply well, were plans submitted to the TNRCC? ☐ Yes ☐ No

5) N

6) WELL LOG:
Date Drilling: Started 1/22/01 Completed 1/22/01

DIAMETER OF HOLE	Dia., (in.)	From (ft.)	To (ft.)
	6	Surface	99

7) DRILLING METHOD (Check): ■ Air Rotary ☐ Mud Rotary ☐ Bored ☐ Air Hammer ☐ Cable Tool ☐ Jetted ☐ Other ____ ☐ Driven

From (ft.)	To (ft.)	Description and color of formation material
		MW-1
0	5	Sand - Red
5	30	Caliche - Tan
30	78	Sand - Red/Brown
78	81	Sandstone - Tan
81	97	Clay - Red
97	99	Clayey Gravel - Tan

(Use reverse side of Well Owner's copy, if necessary)

8) Borehole Completion (Check): ☐ Open Hole ☐ Straight Wall ☐ Underreamed ■ Gravel Packed ☐ Other 16/30 Filter Sand
If Gravel Packed give interval from 60 ft. to 99 ft

CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc Perf., Slotted, etc Screen Mfg., if commercial	Setting (ft.) From	Setting (ft.) To	Gage Casing Screen
2	N	PVC Solid	0	65	
2	N	PVC Slotted	65	85	0.010

9) CEMENTING DATA
Cemented from 0 ft. to 3 ft. No. of sacks used 5
Bentonite from 3 ft. to 60 ft. No. of sacks used 14
Method used Slurry
Cemented by Harrison & Cooper, Inc.
Distance to septic system field lines or other concentrated contamination ____ ft
Method of verification of above distance ____

13) ☐ Well plugged within 48 hours

Casing left in well From (ft)	Casing left in well To (ft)	Cement/bentonite placed in well From (ft)	Cement/bentonite placed in well To (ft)	Sacks used:

14) TYPE PUMP:
☐ Turbine ☐ Jet ☐ Submersible ☐ Cylinder ☐ Other ____
Depth to pump bowls, cylinder, jet, etc. ____ ft.

10) SURFACE COMPLETION
■ Specified Surface Slab Installed
☐ Specified Steel Sleeve Installed
☐ Pitless Adapter Used
☐ Approved Alternative Procedure Used

15) WELL TESTS:
Type test: ☐ Pump ☐ Bailer ☐ Jetted ☐ Estimated
Yield: ____ gpm with ____ ft. drawdown after ____ hrs.

11) WATER LEVEL
Static level 78 ft. below land surface Date: 1/22/01
Artesian Flow ____ gpm Date ____

16) WATER QUALITY:
Did you knowingly penetrate any strata which contained undesirable constituents?
■ Yes ☐ No If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? Fresh Depth of strata 78'
Was chemical analysis made? ☐ Yes ■ No

12) PACKERS: Type ____ Depth ____

I certify that I drilled this well (or the well was drilled under my direct supervision) and that each and all of the statements herein are true and correct. I understand that failure to complete items 1 thru 16 will result in the log(s) being returned for completion and resubmittal.

COMPANY NAME Claiborne Harrison (Type or Print) WELL DRILLER'S LICENSE NO. WD-1271

ADDRESS 7202 66th St. (Street or RFD) Lubbock (City) TX (State) 79407 (Zip)

(Signed) ____ (Licensed Well Driller) (Signed) ____ (Registered Driller-Trainee)

Please attach electric log, chemical analysis, and other pertinent information, if available

TDLR FORM 001WWD (4/98) Copies to TDLR, DRILLER, and WELL OWNER Form provided by Forms On-A-Disk, Inc. Dallas, Texas • (214) 340-9429

MW-3

02/06/2001 15:16 FAX 003

Exhibit 16H

Send original copy by certified mail to: TDLR, P.O. I

ATTENTION OWNER: Confidentiality Privilege Notice on reverse side of Well Owner's copy (pink)

State of Texas
WELL REPORT

Texas Department of Licensing & Regulation
P.O. Box 12157
Austin, TX 78711
512-463-7880

1) OWNER Rice Operating Co. (Name) ADDRESS 122 W. Taylor (Street or RFD) Hobbs (City) NM (State) 88240 (Zip)

2) ADDRESS OF WELL'S LOCATION: County Lea 3 S. on Hwy. 207 (Street, RFD or other) Eunice (City) NM (State) 88231 (Zip) Long. Lat. GRID #

3) TYPE OF WORK (Check): ■ New Well ☐ Deepening ☐ Reconditioning ☐ Plugging

4) PROPOSED USE (Check): ■ Monitor ☐ Environmental Soil Boring ☐ Domestic ☐ Industrial ☐ Irrigation ☐ Injection ☐ Public Supply ☐ De-watering ☐ Testwell
If Public Supply well, were plans submitted to the TNRCC? ☐ Yes ☐ No

5)

6) WELL LOG:
Date Drilling: Started 1/22/01 Completed 1/22/01

DIAMETER OF HOLE

Dia. (in.)	From (ft.)	To (ft.)
6	Surface	99

7) DRILLING METHOD (Check): ■ Air Rotary ☐ Mud Rotary ☐ Bored ☐ Air Hammer ☐ Cable Tool ☐ Jetted ☐ Driven ☐ Other

N

From (ft.)	To (ft.)	Description and color of formation material
		MW-2
0	5	Sand - Red
5	30	Caliche - Tan
30	78	Sand - Red/Brown
78	79	Sandstone - Tan
79	97	Clay - Red
97	99	Clayey Gravel - Tan

(Use reverse side of Well Owner's copy, if necessary)

8) Borehole Completion (Check): ☐ Open Hole ☐ Straight Wall ☐ Underreamed ■ Gravel Packed ☐ Other 16/30 Filter Sand
If Gravel Packed give interval from 70 ft. to 99 ft

CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc Perf., Slotted, etc Screen Mfg., if commercial	Setting (ft.) From	Setting (ft.) To	Gage Casing Screen
2	N	PVC Solid	0	76	
2	N	PVC Slotted	76	97	0.010

13) ☐ Well plugged within 48 hours

Casing left in well: From (ft)	To (ft)	Cement/bentonite placed in well: From (ft)	To (ft)	Sacks used

9) CEMENTING DATA
Cemented from 0 ft. to 3 ft. No. of sacks used 5
Bentonite from 3 ft. to 70 ft. No. of sacks used 11
Method used Slurry
Cemented by Harrison & Cooper, Inc.
Distance to septic system field lines or other concentrated contamination ____ ft
Method of verification of above distance

14) TYPE PUMP:
☐ Turbine ☐ Jet ☐ Submersible ☐ Cylinder ☐ Other
Depth to pump bowls, cylinder, jet, etc. ft.

10) SURFACE COMPLETION
■ Specified Surface Slab Installed
☐ Specified Steel Sleeve Installed
☐ Pitless Adapter Used
☐ Approved Alternative Procedure Used

15) WELL TESTS:
Type test: ☐ Pump ☐ Bailer ☐ Jetted ☐ Estimated
Yield: ____ gpm with ____ ft. drawdown after ____ hrs

11) WATER LEVEL
Static level N/A ft. below land surface Date 1/22/01
Artesian Flow ____ gpm. Date

16) WATER QUALITY:
Did you knowingly penetrate any strata which contained undesirable constituents?
☐ Yes ■ No If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? Fresh Depth of strata N/A
Was chemical analysis made? ☐ Yes ■ No

12) PACKERS: Type Depth

I certify that I drilled this well (or the well was drilled under my direct supervision) and that each and all of the statements herein are true and correct. I understand that failure to complete items 1 thru 16 will result in the log(s) being returned for completion and resubmittal.

COMPANY NAME Claiborne Harrison (Type or Print) WELL DRILLER'S LICENSE NO. WD-1271

ADDRESS 7202 66th St. (Street or RFD) Lubbock (City) TX (State) 79407 (Zip)

(Signed) (If required) (Driller)

(Signed) (Registered Driller Trainee)

Please attach electric log, chemical analysis, and other pertinent information, if available.

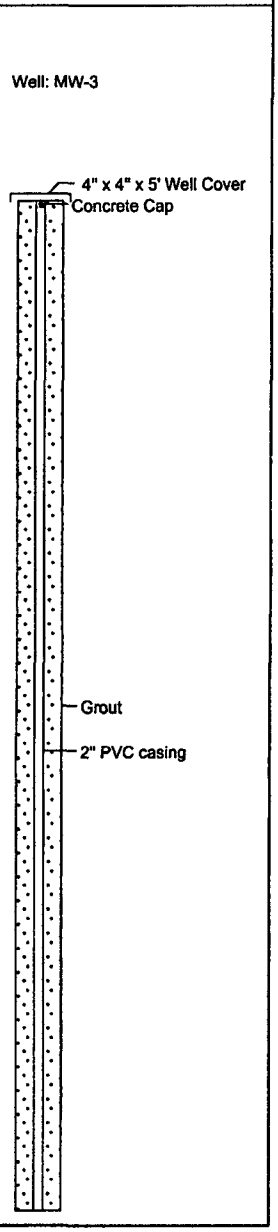
TDLR FORM 001WWD (4/98) Copies to TDLR, DRILLER, and WELL OWNER

Form provided by Forms On-A-Disk, Inc.
Dallas, Texas • (214) 340-9429

Exhibit 16J

Atkins Engineering Associates, Inc. 2904 W. 2nd St., Roswell, NM 88202-3156	LOG OF BORING Rice Operating MW-4 (Page 1 of 2)
Whole Earth Environmental 19606 San Gabriel Houston, TX 77084 Contact: Mike Griffin Job#: EUNICEG.MWD.01	Date : 05-08 & 05-09-01 Drill Start : a.m. Drill End : 12:00 Boring Location : 3¼ mi SE of Eunice & ½ mi E Site Location : SE Eunice, NM : Sec. 15, T22S, R37E Auger Type : Hollow Stem Logged By : Mort Bates

Depth in Feet	GRAPHIC	USCS	Samples	DESCRIPTION	Lab	PID ppm-v
0		SP		Sand, reddish tan, loose, dry		
5		SM		Sand w/ caliche, tan, loose, dry		
25		SM		Silty sand w/ caliche, reddish, tan, loose, dry		
40				Caliche, tan, hard, dry		
50		SM		Sand w/ caliche, tan, firm, dry		
55						



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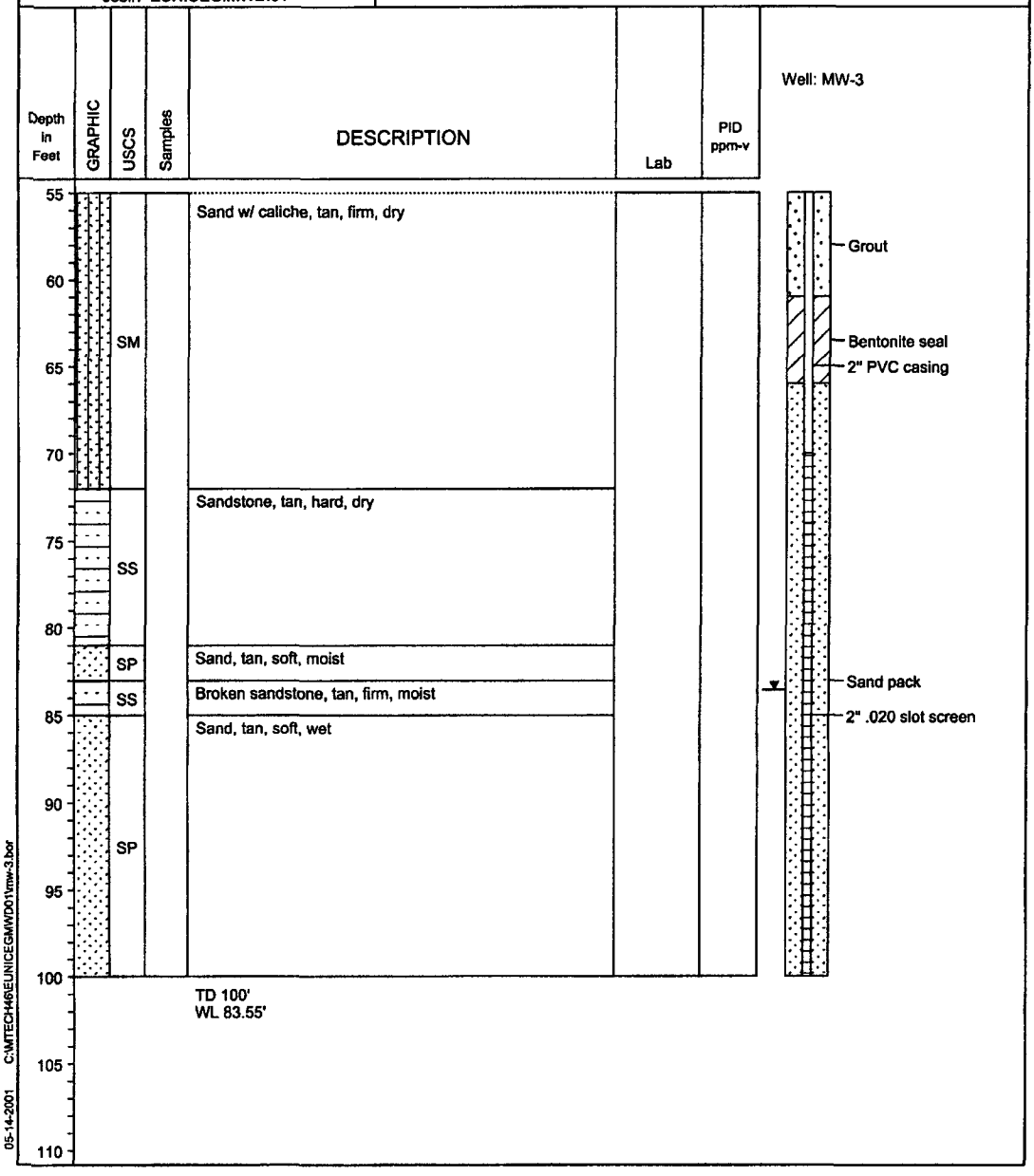
Atkins Engineering Associates, Inc. 2904 W. 2nd St., Roswell, NM 88202-3156	LOG OF BORING Rice Operating MW-4 (Page 2 of 2)
Whole Earth Environmental 19606 San Gabriel Houston, TX 77084 Contact: Mike Griffin Job#: EUNICEG.MWD.01	Date : 05-08 & 05-09-01 Drill Start : a.m. Drill End : 12:00 Boring Location : 3¼ mi SE of Eunice & ½ mi E Site Location : SE Eunice, NM : Sec. 15, T22S, R37E Auger Type : Hollow Stem Logged By : Mort Bates



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ATKINS ENGINEERING ASSOCIATES, INC.
Professional Engineering Land Surveying
Water Resources Environmental Science

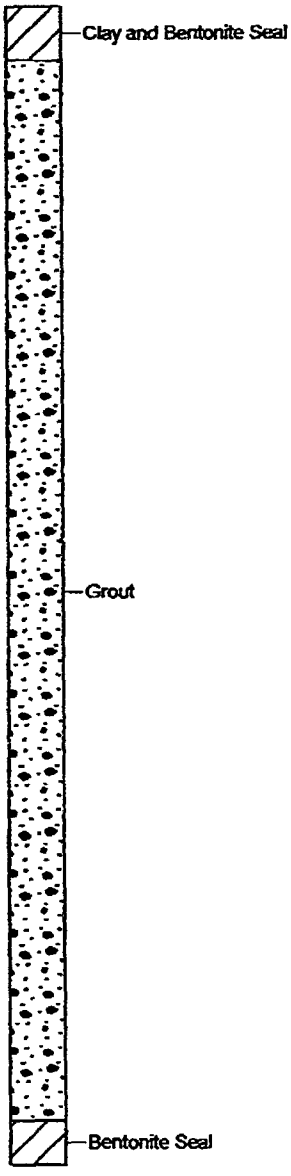
Log of Boring BD-E-15 Monitor Well 5 DH

Rice Operating Company
122 West Taylor
Hobbs, New Mexico 88240
Contact: Roy Rascon
Job#: WHOLETH.RIC.04

Drill Start/End	: (12-27-04) 0800/1545
Drill Start/End	: (12-28-04) 0730/1015
Site Location	: SW¼NW¼, Sec. 15, T22S, R37E
Auger Type	: 4¼ Hollow Stem
Logged By	: M. Bates

Depth In Feet	USCS	GRAPHIC	Sample	DESCRIPTION
0	SM			Silty Sand, Loose, Tan, Damp
5	SM		1	Silty Sand w/Caliche, Loose, Brown, Damp
10	SM		2	Silty Sand w/Caliche, Loose, Tan, Dry
15			3	
20	SM		4	Silty Sand w/Caliche, Loose, Tan & White, Dry
25			5	
30			6	
35	SM		7	Silty Sand w/Sandstone, Firm, Light Tan, Dry
40			8	
45	SS		9	Sandstone, Hard, Light Tan, Dry
50	SP		10	Poorly Graded Sand, Loose, Tan, Dry
55			11	
60			12	
65			13	
70			14	
75			15	
80			16	
85			17	
90	CL		18	Clay, Stiff, Redish, Brown, Damp
95			19	
100			20	
105	SP		21	Clay, Hard, Grayish Tan, Dry
110				Total Depth, 107 feet. Drilled a dry well.

MW-5



01-03-2005 C:\Program Files\mtech2002\rice6\mw5.bor

Laboratory Analytical Results

This section contains a copy of the chain of custody, quality control documents and analytical results for the chloride concentrations encountered at the E-15 site over the past two years. Also included is an additional report for the new source well listing the testing results for canions and anions, hardness, pH, and BTEX. A summary spreadsheet for chlorides shows little change over the testing period.

Rice Operating Company
E-15 Remediation Project
Chloride Concentrations Within Monitor Wells (Mg/L)

Sample Date	4/15/2003	6/19/2003	10/11/2003	1/26/2004	5/12/2004	10/5/2004	12/30/2004
MW #1	709	736	709	727	744	762	762
MW #2	29,200	29,200	28,500	25,900	25,200	23,900	25,400
MW #3	886	886	922	851		904	993
MW #4	1,510	1,750	1,770	1,770	1,880	1,840	1,840
Source Well							1,680

ANALYTICAL REPORT

Prepared for:

MIKE GRIFFIN
WHOLE EARTH
19606 SAN GABRIEL
HOUSTON, TX 77084

Project: E-15

PO#:

Order#: G0306251

Report Date: 04/16/2003

Certificates

US EPA Laboratory Code TX00158

ENVIRONMENTAL LAB OF TEXAS

SAMPLE WORK LIST

WHOLE EARTH
19606 SAN GABRIEL
HOUSTON, TX 77084
281-646-8996

Order#: G0306251
Project:
Project Name: E-15
Location: Eunice, NM

The samples listed below were submitted to Environmental Lab of Texas and were received under chain of custody. Environmental Lab of Texas makes no representation or certification as to the method of sample collection, sample identification, or transportation/handling procedures used prior to the receipt of samples by Environmental Lab of Texas, unless otherwise noted.

Lab ID:	Sample :	Matrix:	Date / Time Collected	Date / Time Received	Container	Preservative
0306251-01	Cueto	WATER	4/14/03	4/14/03 12:45	4 oz glass	Ice
	Lab Testing: Chloride	**Rejected:** No		**Temp:** 0.0 C		
0306251-02	Source Well	WATER	4/14/03	4/14/03 12:45	4 oz glass	Ice
	Lab Testing: Chloride	**Rejected:** No		**Temp:** 0.0 C		
0306251-03	Center	WATER	4/14/03	4/14/03 12:45	4 oz glass	Ice
	Lab Testing: Chloride	**Rejected:** No		**Temp:** 0.0 C		
0306251-04	Southeast	WATER	4/14/03	4/14/03 12:45	4 oz glass	Ice
	Lab Testing:	**Rejected:** No		**Temp:** 0.0 C		

ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

MIKE GRIFFIN
WHOLE EARTH
19606 SAN GABRIEL
HOUSTON, TX 77084

Order#: G0306251
Project:
Project Name: E-15
Location: Eunice, NM

Lab ID: 0306251-01
Sample ID: Cueto

Test Parameters

Parameter	Result	Units	Dilution Factor	RL	Method	Date Analyzed	Analyst
Chloride	709	mg/L	1	5.00	9253	4/15/03	SB

Lab ID: 0306251-02
Sample ID: Source Well

Test Parameters

Parameter	Result	Units	Dilution Factor	RL	Method	Date Analyzed	Analyst
Chloride	29200	mg/L	1	5.00	9253	4/15/03	SB

Lab ID: 0306251-03
Sample ID: Center

Test Parameters

Parameter	Result	Units	Dilution Factor	RL	Method	Date Analyzed	Analyst
Chloride	886	mg/L	1	5.00	9253	4/15/03	SB

Lab ID: 0306251-04
Sample ID: Southeast

Test Parameters

Parameter	Result	Units	Dilution Factor	RL	Method	Date Analyzed	Analyst
Chloride	1510	mg/L	1	5.00	9253	4/15/03	SB

Approval: Jeanne McMurrey 04-18-03
Raland K. Tuttle, Lab Director, QA Officer Date
Celey D. Keene, Org. Tech. Director
Jeanne McMurrey, Inorg. Tech. Director
Sandra Biezugbe, Lab Tech.
Sara Molina, Lab Tech.

RL = Reporting Limit N/A = Not Applicable

ENVIRONMENTAL LAB OF TEXAS

QUALITY CONTROL REPORT

Test Parameters

Order#: G0306251

BLANK WATER	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Chloride-mg/L	0005234-01			<5.00		
MS WATER	**LAB-ID #**	**Sample Concentr.**	**Spike Concentr.**	**QC Test Result**	**Pct (%) Recovery**	**RPD**
Chloride-mg/L	0306250-01	88.6	250	337	99.4%	
MSD WATER	**LAB-ID #**	**Sample Concentr.**	**Spike Concentr.**	**QC Test Result**	**Pct (%) Recovery**	**RPD**
Chloride-mg/L	0306250-01	88.6	250	332	97.4%	1.5%
SRM WATER	**LAB-ID #**	**Sample Concentr.**	**Spike Concentr.**	**QC Test Result**	**Pct (%) Recovery**	**RPD**
Chloride-mg/L	0005234-04		5000	4960	99.2%	

Environmental Lab of Texas, Inc.

12600 West I-20 East
Odessa, Texas 79763
Phone: 915-563-1800
Fax: 915-563-1713

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

Project Manager:

Company Name Whole Earth Environmental, Inc.

Company Address: 19606 San Gabriel

City/State/Zip: Houston, Tx. 77084

Telephone No: (800) 854-4358 **Fax No:** (281) 646-8998

Sampler Signature:

Project Name: E-15

Project #:

Project Loc: Eunice, NM

PO #:

0306251

LAB # (lab use only)	FIELD CODE	Date Sampled	Time Sampled	No. of Containers 4 0 2 9 1 2 5 5	Preservative: Ice	HNO3	HCl	NaOH	H2SO4	None	Other (Specify)	Matrix: Water	Sludge	Soil	Other (specify):	Analyze For: TCLP: TDS / CL / SAR / EC	TPH 418.1	TPH TX 1005/1006	TPH 8015M GRO/DRO	Metals: As Ag Ba Cd Cr Pb Hg Se	Volatiles	Semivolatiles	BTEX 8021B/5030	TOTAL: Chlorides						RUSH TAT (Pre-Schedule)	Standard TAT
01	Cueto	4/14-03		1	X		X					X											X	X							
02	Source Well	↓		1	X		X					X											X	X							
03	Center			1	X		X					X											X	X							
04	Southeast			1	X		X					X											X	X							

Special Instructions:
Invoice Rice Oper. Copy of results to Rice & Whole Earth. Gate Combonitation: 4216

Sample Containers Intact? Y N
Temperature Upon Receipt:
Laboratory Comments: 0.0°C

Relinquished by:	Date	Time	Received by:	Date	Time
M. Gallegos	4/14/03	12:45			
Relinquished by:	**Date**	**Time**	**Received by ELOT:**	**Date**	**Time**
			Jeanne McMurrey	04-1403	1245

ANALYTICAL REPORT

Prepared for:

MIKE GRIFFIN
WHOLE EARTH
19606 SAN GABRIEL
HOUSTON, TX 77084

Project:	E-15
PO#:	
Order#:	G0306755
Report Date:	06/20/2003

Certificates
US EPA Laboratory Code TX00158

ENVIRONMENTAL LAB OF TEXAS

SAMPLE WORK LIST

WHOLE EARTH
19606 SAN GABRIEL
HOUSTON, TX 77084
281-646-8996

Order#: G0306755
Project:
Project Name: E-15
Location: Eunice, New Mexico

The samples listed below were submitted to Environmental Lab of Texas and were received under chain of custody. Environmental Lab of Texas makes no representation or certification as to the method of sample collection, sample identification, or transportation/handling procedures used prior to the receipt of samples by Environmental Lab of Texas, unless otherwise noted.

Lab ID:	Sample :	Matrix:	Date / Time Collected	Date / Time Received	Container	Preservative
0306755-01	Cueto (2)	WATER		6/17/03 16:10	See COC	Ice
	Lab Testing: Chloride	**Rejected:** No		**Temp:** 4.0 C		
0306755-02	Source Well (1)	WATER		6/17/03 16:10	See COC	Ice
	Lab Testing: Chloride	**Rejected:** No		**Temp:** 4.0 C		
0306755-03	Center (3)	WATER		6/17/03 16:10	See COC	Ice
	Lab Testing: Chloride	**Rejected:** No		**Temp:** 4.0 C		
0306755-04	Southeast (4)	WATER		6/17/03 16:10	See COC	Ice
	Lab Testing: Chloride	**Rejected:** No		**Temp:** 4.0 C		

ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

MIKE GRIFFIN		**Order#:**	**G0306755**
WHOLE EARTH		**Project:**	
19606 SAN GABRIEL		**Project Name:**	**E-15**
HOUSTON, TX 77084		**Location:**	**Eunice, New Mexico**

Lab ID: 0306755-01
Sample ID: Cueto (2)

Test Parameters

Parameter	Result	Units	Dilution Factor	RL	Method	Date Analyzed	Analyst
Chloride	736	mg/L	1	5.00	9253	6/19/03	SB

Lab ID: 0306755-02
Sample ID: Source Well (1)

Test Parameters

Parameter	Result	Units	Dilution Factor	RL	Method	Date Analyzed	Analyst
Chloride	29200	mg/L	1	5.00	9253	6/19/03	SB

Lab ID: 0306755-03
Sample ID: Center (3)

Test Parameters

Parameter	Result	Units	Dilution Factor	RL	Method	Date Analyzed	Analyst
Chloride	886	mg/L	1	5.00	9253	6/19/03	SB

Lab ID: 0306755-04
Sample ID: Southeast (4)

Test Parameters

Parameter	Result	Units	Dilution Factor	RL	Method	Date Analyzed	Analyst
Chloride	1750	mg/L	1	5.00	9253	6/19/03	SB

Approval: Celey D. Keene 06/23/03
Raland K. Tuttle, Lab Director, QA Officer — Date
Celey D. Keene, Org. Tech. Director
Jeanne McMurrey, Inorg. Tech. Director
Sandra Biezugbe, Lab Tech.
Sara Molina, Lab Tech.

RL = Reporting Limit **N/A = Not Applicable**

ENVIRONMENTAL LAB OF TEXAS I, LTD. **12600 West I-20 East, Odessa, TX 79765 Ph: 915-563-1800**

ENVIRONMENTAL LAB OF TEXAS

QUALITY CONTROL REPORT

Test Parameters

Order#: G0306755

BLANK WATER	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Chloride-mg/L	0005902-01			<5.00		
MS WATER	**LAB-ID #**	**Sample Concentr.**	**Spike Concentr.**	**QC Test Result**	**Pct (%) Recovery**	**RPD**
Chloride-mg/L	0306757-01	3770	2500	6290	100.8%	
MSD WATER	**LAB-ID #**	**Sample Concentr.**	**Spike Concentr.**	**QC Test Result**	**Pct (%) Recovery**	**RPD**
Chloride-mg/L	0306757-01	3770	2500	6250	99.2%	0.6%
SRM WATER	**LAB-ID #**	**Sample Concentr.**	**Spike Concentr.**	**QC Test Result**	**Pct (%) Recovery**	**RPD**
Chloride-mg/L	0005902-04		5000	4960	99.2%	

Environmental Lab of Texas, Inc.

12600 West I-20 East
Odessa, Texas 79763
Phone: 915-563-1800
Fax: 915-563-1713

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

Project Manager: _____
Company Name: Whole Earth Environmental, Inc.
Company Address: 19606 San Gabriel
City/State/Zip: Houston, Tx. 77084
Telephone No: (800) 854-4358 Fax No: (281) 646-8996
Sampler Signature: _____

Project Name: E-15
Project #: _____
Project Loc: Eunice, NM
PO #: _____

LAB # (lab use only) 032655	FIELD CODE	Date Sampled	Time Sampled	No. of Containers 4oz glass 250 ml Plastic 40ml VOA	Preservative: Ice	HNO_3	HCl	NaOH	H_2SO_4	None	Other (Specify)	Matrix: Water	Sludge	Soil	Other (specify):	Analyze For: TDS / CL / SAR / EC	TPH 418.1	TPH TX 1005/1006	TPH 8015M GRO/DRO	Metals: As Ag Ba Cd Cr Pb Hg Se	Volatiles	Semivolatiles	BTEX 8021B/5030	Chlorides	RUSH TAT (Pre-Schedule)	Standard TAT
01	Cueto (2)			1						X		X												X		
02	Source Well (1)			1						X		X												X		
03	Center (3)			1						X		X												X		
04	Southeast (4)			1						X		X												X		

Special Instructions:
Invoice Rice Oper. Copy of results to Rice & Whole Earth. Date Combonitation: 4216

Sample Containers Intact? Y N
Temperature Upon Receipt: 4.0 °C
Laboratory Comments:

Relinquished by:	Date	Time	Received by:	Date	Time
M. Griffin	6-17-03	4:10			
Relinquished by:	Date	Time	Received by ELOT:	Date	Time
			Tim Anderson	6/17/03	1610

ANALYTICAL REPORT

Prepared for:

MIKE GRIFFIN
WHOLE EARTH
19606 SAN GABRIEL
HOUSTON, TX 77084

Project: E-15

PO#:

Order#: G0307701

Report Date: 10/13/2003

Certificates

US EPA Laboratory Code TX00158

ENVIRONMENTAL LAB OF TEXAS

SAMPLE WORK LIST

WHOLE EARTH
19606 SAN GABRIEL
HOUSTON, TX 77084
281-646-8996

Order#: G0307701
Project:
Project Name: E-15
Location: Eunice, NM

The samples listed below were submitted to Environmental Lab of Texas and were received under chain of custody. Environmental Lab of Texas mak no representation or certification as to the method of sample collection, sample identification, or transportation/handling procedures used prior to the receipt of samples by Environmental Lab of Texas, unless otherwise noted.

Lab ID:	Sample :	Matrix:	Date / Time Collected	Date / Time Received	Container	Preservati
0307701-01	Cueto (2)	WATER	10/11/03	10/11/03 10:35	4 oz glass	Ice
	Lab Testing: Chloride	Rejected: No		Temp: 2.5 C		
0307701-02	Source Well (1)	WATER	10/11/03	10/11/03 10:35	4 oz glass	Ice
	Lab Testing: Chloride	Rejected: No		Temp: 2.5 C		
0307701-03	Center (3)	WATER	10/11/03	10/11/03 10:35	4 oz glass	Ice
	Lab Testing: Chloride	Rejected: No		Temp: 2.5 C		
0307701-04	Southeast (4)	WATER	10/11/03	10/11/03 10:35	4 oz glass	Ice
	Lab Testing: Chloride	Rejected: No		Temp: 2.5 C		

ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

MIKE GRIFFIN
WHOLE EARTH
19606 SAN GABRIEL
HOUSTON, TX 77084

Order#: G0307701
Project:
Project Name: E-15
Location: Eunice, NM

Lab ID: 0307701-01
Sample ID: Cueto (2)

Test Parameters

Parameter	Result	Units	Dilution Factor	RL	Method	Date Analyzed	Analyst
Chloride	709	mg/L	1	5.00	9253	10/11/03	SB

Lab ID: 0307701-02
Sample ID: Source Well (1)

Test Parameters

Parameter	Result	Units	Dilution Factor	RL	Method	Date Analyzed	Analyst
Chloride	28500	mg/L	1	5.00	9253	10/11/03	SB

Lab ID: 0307701-03
Sample ID: Center (3)

Test Parameters

Parameter	Result	Units	Dilution Factor	RL	Method	Date Analyzed	Analyst
Chloride	922	mg/L	1	5.00	9253	10/11/03	SB

Lab ID: 0307701-04
Sample ID: Southeast (4)

Test Parameters

Parameter	Result	Units	Dilution Factor	RL	Method	Date Analyzed	Analyst
Chloride	1770	mg/L	1	5.00	9253	10/11/03	SB

Approval: Raland K Tuttle 10-13-03
Raland K. Tuttle, Lab Director, QA Officer — Date
Celey D. Keene, Org. Tech. Director
Jeanne McMurrey, Inorg. Tech. Director
Sandra Biezugbe, Lab Tech.
Sara Molina, Lab Tech.

RL = Reporting Limit N/A = Not Applicable

ENVIRONMENTAL LAB OF TEXAS

QUALITY CONTROL REPORT

Test Parameters

Order#: G0307701

BLANK WATER	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Chloride-mg/L	0007110-01			<5.00		
MS **WATER**	**LAB-ID #**	**Sample Concentr.**	**Spike Concentr.**	**QC Test Result**	**Pct (%) Recovery**	**RPD**
Chloride-mg/L	0307697-01	1100	500	1600	100.%	
MSD **WATER**	**LAB-ID #**	**Sample Concentr.**	**Spike Concentr.**	**QC Test Result**	**Pct (%) Recovery**	**RPD**
Chloride-mg/L	0307697-01	1100	500	1600	100.%	0.%
SRM **WATER**	**LAB-ID #**	**Sample Concentr.**	**Spike Concentr.**	**QC Test Result**	**Pct (%) Recovery**	**RPD**
Chloride-mg/L	0007110-04		5000	4960	99.2%	

/ironme al Lab of Texas, Inc.

Vest I-20 East
, Texas 79763
Phone: 915-563-1800
Fax: 915-563-1713

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

Project Manager: _____ Project Name: E-15

Company Name: Whole Earth Environmental, Inc. Project #: _____

Company Address: 19606 San Gabriel Project Loc: Eunice, NM

City/State/Zip: Houston, Tx. 77084 PO #: _____

Telephone No: (800) 854-4358 Fax No: (281) 646-8996

Sampler Signature: _____

ab use only) 7701	FIELD CODE	Date Sampled	Time Sampled	No. of Containers 4/02 5/1455	Preservative: Ice	HNO_3	HCl	NaOH	H_2SO_4	None	Other (Specify)	Matrix: Water	Sludge	Soil	Other (specify):	Analyze For: TCLP: / TOTAL: 1DS / GL / SAR / EC	TPH 418.1	TPH TX 1005/1006	TPH 8015M GRO/DRO	Metals: As Ag Ba Cd Cr Pb Hg Se	Volatiles	Semivolatiles	BTEX 8021B/5030	Chlorides						RUSH TAT (Pre-Schedule)	Standard TAT
-01	Cueto (2)	10-11-03		1						X		X												X							
-02	Source Well (1)	10-11-03		1						X		X												X							
-03	Center (3)	10-11-03		1						X		X												X							
-04	Southeast (4)	10-11-03		1						X		X												X							

Instructions:

Invoice Rice Oper. Copy of results to Rice & Whole Earth. Gate Combonitation: 4216

Sample Containers Intact? Y N

Temperature Upon Receipt:

Laboratory Comments:

2.5°c iced

hed by:	Date	Time	Received by:	Date	Time
	10-11-03	1035			
hed by:	Date	Time	Received by ELOT:	Date	Time
			Jeanne McMurrey	10-11-03	1035

Environmental Lab of Texas, Inc.

12600 West I-20 East
Odessa, Texas 79763

Phone: 915-563-1800
Fax: 915-563-1713

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

Project Manager: ______________________

Company Name: Whole Earth Environmental, Inc.

Company Address: 19606 San Gabriel

City/State/Zip: Houston, Tx. 77084

Telephone No: (800) 854-4358

Fax No: (281) 646-8996

Sampler Signature: ______________________

Project Name: E-15

Project #: ______________________

Project Loc: Eunice, NM

PO #: ______________________

Handwritten beside "No. of Containers": 500 ml Plastic container

LAB # (lab use only) 0306455	FIELD CODE	Date Sampled	Time Sampled	No. of Containers	Preservative: Ice	HNO_3	HCl	NaOH	H_2SO_4	None	Other (Specify)	Matrix: Water	Sludge	Soil	Other (specify):	Analyze For: TDS / CL / SAR / EC	TPH 418.1	TPH TX 1005/1006	TPH 8015M GRO/DRO	Metals: As Ag Ba Cd Cr Pb Hg Se	Volatiles	Semivolatiles	BTEX 8021B/5030	Chlorides						RUSH TAT (Pre-Schedule)	Standard TAT
01	Cueto (2)			1						X		X												X							
02	Source Well (1)			1						X		X												X							
03	Center (3)			1						X		X												X							
04	Southeast (4)			1						X		X												X							

Special Instructions:

Invoice Rice Oper. Copy of results to Rice & Whole Earth. Gate Combonitation: 4216

Relinquished by:	Date	Time	Received by:	Date	Time
[signature]	6-17-03	4:10	[signature]		
Relinquished by:	Date	Time	Received by ELOT: [signature] Anderson	6/17/03	1610

Sample Containers Intact? (Y) N

Temperature Upon Receipt:

Laboratory Comments: 4.0 °C

ENVIRONMENTAL LAB OF

12600 West I-20 East - Odessa, Texas 79765

Analytical Report

Prepared for:

Mike Griffin

WHOLE EARTH ENVIRONMENTAL

2103 Arbor Cove

Katy, TX 77494

Project: E-15

Project Number: None Given

Location: Eunice, N.M.

Lab Order Number: 4A26003

Report Date: 01/28/04

WHOLE EARTH ENVIRONMENTAL	Project: E-15	(281) 394-2051
2103 Arbor Cove	Project Number: None Given	**Reported:**
WHOLE EARTH ENVIRONMENTAL	Project Manager: Mike Griffin	01/28/04 16:59

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Cueto (2)	4A26003-01	Water	01/21/04 00:00	01/26/04 08:00
Source Well (1)	4A26003-02	Water	01/21/04 00:00	01/26/04 08:00
Center (3)	4A26003-03	Water	01/21/04 00:00	01/26/04 08:00
Southeast (4)	4A26003-04	Water	01/21/04 00:00	01/26/04 08:00

12600 West I-20 East - Odessa, Texas 79705 - (432) 563-1800 - Fax (432) 563-1713

WHOLE EARTH ENVIRONMENTAL	Project: E-15	(281) 394-2051
2103 Arbor Cove	Project Number: None Given	**Reported:**
WHOLE EARTH ENVIRONMENTAL	Project Manager: Mike Griffin	01/28/04 16:59

General Chemistry Parameters by EPA / Standard Methods

Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Cueto (2) (4A26003-01) Water Sampled: 01/21/04 00:00 Received: 01/26/04 08:00									
Chloride	**727**	5.00	mg/L	1	EA42607	01/26/04	01/26/04	EPA 325.3	
Source Well (1) (4A26003-02) Water Sampled: 01/21/04 00:00 Received: 01/26/04 08:00									
Chloride	**25900**	5.00	mg/L	1	EA42607	01/26/04	01/26/04	EPA 325.3	
Center (3) (4A26003-03) Water Sampled: 01/21/04 00:00 Received: 01/26/04 08:00									
Chloride	**851**	5.00	mg/L	1	EA42607	01/26/04	01/26/04	EPA 325.3	
Southeast (4) (4A26003-04) Water Sampled: 01/21/04 00:00 Received: 01/26/04 08:00									
Chloride	**1770**	5.00	mg/L	1	EA42607	01/26/04	01/26/04	EPA 325.3	

WHOLE EARTH ENVIRONMENTAL	Project: E-15	(281) 394-2051
2103 Arbor Cove	Project Number: None Given	**Reported:**
WHOLE EARTH ENVIRONMENTAL	Project Manager: Mike Griffin	01/28/04 16:59

General Chemistry Parameters by EPA / Standard Methods - Quality Control

Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EA42607 - General Preparation (WetChem)										
Blank (EA42607-BLK1)				Prepared & Analyzed: 01/26/04						
Chloride	ND	5.00	mg/L							
Calibration Check (EA42607-CCV1)				Prepared & Analyzed: 01/26/04						
Chloride	4960		mg/L	5000		99.2	80-120			
Matrix Spike (EA42607-MS1)	**Source: 4A26003-01**			Prepared & Analyzed: 01/26/04						
Chloride	1220		mg/L	500	727	98.6	80-120			
Matrix Spike Dup (EA42607-MSD1)	**Source: 4A26003-01**			Prepared & Analyzed: 01/26/04						
Chloride	1210		mg/L	500	727	96.6	80-120	0.823	20	

Environmental Lab of Texas

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Raland Tuttle, Laboratory Director

12600 West I-20 East - Odessa, Texas 79705 - (432) 563-1800 - Fax (432) 563-1713

Notes and Definitions

DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference

ENVIRONMENTAL LAB OF

12600 West I-20 East - Odessa, Texas 79765

Analytical Report

Prepared for:

Mike Griffin

WHOLE EARTH ENVIRONMENTAL

2103 Arbor Cove

Katy, TX 77494

Project: E-15

Project Number: None Given

Location: Lea County, NM

Lab Order Number: 4E12005

Report Date: 05/13/04

WHOLE EARTH ENVIRONMENTAL	Project: E-15	Fax: (281) 394-2051
2103 Arbor Cove	Project Number: None Given	**Reported:**
Katy TX, 77494	Project Manager: Mike Griffin	05/13/04 09:27

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Cueto	4E12005-01	Water	05/08/04 00:00	05/12/04 09:45
Source Well	4E12005-02	Water	05/08/04 00:00	05/12/04 09:45
MW #4	4E12005-03	Water	05/08/04 00:00	05/12/04 09:45

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WHOLE EARTH ENVIRONMENTAL	Project: E-15	Fax: (281) 394-2051
2103 Arbor Cove	Project Number: None Given	**Reported:**
Katy TX, 77494	Project Manager: Mike Griffin	05/13/04 09:27

General Chemistry Parameters by EPA / Standard Methods

Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Cueto (4E12005-01) Water									
Chloride	**744**	5.00	mg/L	1	EE41203	05/12/04	05/12/04	EPA 325.3M	
Source Well (4E12005-02) Water									
Chloride	**25200**	5.00	mg/L	1	EE41203	05/12/04	05/12/04	EPA 325.3M	
MW #4 (4E12005-03) Water									
Chloride	**1880**	5.00	mg/L	1	EE41203	05/12/04	05/12/04	EPA 325.3M	

WHOLE EARTH ENVIRONMENTAL	Project: E-15	Fax: (281) 394-2051
2103 Arbor Cove	Project Number: None Given	**Reported:**
Katy TX, 77494	Project Manager: Mike Griffin	05/13/04 09:27

General Chemistry Parameters by EPA / Standard Methods - Quality Control

Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EE41203 - General Preparation (WetChem)										
Blank (EE41203-BLK1)				Prepared & Analyzed: 05/12/04						
Chloride	ND	5.00	mg/L							
Matrix Spike (EE41203-MS1)	Source: 4E11004-01			Prepared & Analyzed: 05/12/04						
Chloride	886	5.00	mg/L	500	390	99.2	80-120			
Matrix Spike Dup (EE41203-MSD1)	Source: 4E11004-01			Prepared & Analyzed: 05/12/04						
Chloride	877	5.00	mg/L	500	390	97.4	80-120	1.02	20	
Reference (EE41203-SRM1)				Prepared & Analyzed: 05/12/04						
Chloride	4960		mg/L	5000		99.2	80-120			

Environmental Lab of Texas

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Environmental Lab of Texas.

Quality Assurance Review

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Notes and Definitions

DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference

ENVIRONMENTAL LAB OF

12600 West I-20 East - Odessa, Texas 79765

Analytical Report

Prepared for:

Mike Griffin

WHOLE EARTH ENVIRONMENTAL

2103 Arbor Cove

Katy, TX 77494

Project: E-15

Project Number: None Given

Location: None Given

Lab Order Number: 4J04005

Report Date: 10/10/04

WHOLE EARTH ENVIRONMENTAL	Project: E-15	Fax: (281) 394-2051
2103 Arbor Cove	Project Number: None Given	**Reported:**
Katy TX, 77494	Project Manager: Mike Griffin	10/10/04 11:28

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Cueto	4J04005-01	Water	10/01/04 00:00	10/03/04 13:00
Source	4J04005-02	Water	10/01/04 00:00	10/03/04 13:00
MW-3	4J04005-03	Water	10/01/04 00:00	10/03/04 13:00
MW-4	4J04005-04	Water	10/01/04 00:00	10/03/04 13:00

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WHOLE EARTH ENVIRONMENTAL	Project: E-15	Fax: (281) 394-2051
2103 Arbor Cove	Project Number: None Given	Reported:
Katy TX, 77494	Project Manager: Mike Griffin	10/10/04 11:28

General Chemistry Parameters by EPA / Standard Methods

Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Cueto (4J04005-01) Water									
Chloride	**762**	5.00	mg/L	1	EJ40704	10/05/04	10/05/04	EPA 325.3M	
Sonree (4J04005-02) Water									
Chloride	**23900**	5.00	mg/L	1	EJ40704	10/05/04	10/05/04	EPA 325.3M	
MW-3 (4J04005-03) Water									
Chloride	**904**	5.00	mg/L	1	EJ40704	10/05/04	10/05/04	EPA 325.3M	
MW-4 (4J04005-04) Water									
Chloride	**1840**	5.00	mg/L	1	EJ40704	10/05/04	10/05/04	EPA 325.3M	

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WHOLE EARTH ENVIRONMENTAL	Project: E-15	Fax: (281) 394-2051
2103 Arbor Cove	Project Number: None Given	**Reported:**
Katy TX, 77494	Project Manager: Mike Griffin	10/10/04 11:28

General Chemistry Parameters by EPA / Standard Methods - Quality Control

Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EJ40704 - General Preparation (WetChem)										
Blank (EJ40704-BLK1)				Prepared & Analyzed: 10/05/04						
Chloride	ND	5.00	mg/L							
Matrix Spike (EJ40704-MS1)	Source: 4I29007-01			Prepared & Analyzed: 10/05/04						
Chloride	4250	5.00	mg/L	1000	3260	99.0	80-120			
Matrix Spike Dup (EJ40704-MSD1)	Source: 4I29007-01			Prepared & Analyzed: 10/05/04						
Chloride	4270	5.00	mg/L	1000	3260	101	80-120	0.469	20	
Reference (EJ40704-SRM1)				Prepared & Analyzed: 10/05/04						
Chloride	4960		mg/L	5000		99.2	80-120			

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WHOLE EARTH ENVIRONMENTAL	Project: E-15	Fax: (281) 394-2051
2103 Arbor Cove	Project Number: None Given	**Reported:**
Katy TX, 77494	Project Manager: Mike Griffin	10/10/04 11:28

Notes and Definitions

DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
LCS	Laboratory Control Spike
MS	Matrix Spike
Dup	Duplicate

Report Approved By: Raland K Tuttle Date: 10/10/04

Raland K. Tuttle, Lab Manager
Celey D. Keene, Lab Director, Org. Tech Director
Peggy Allen, QA Officer
Jeanne Mc Murrey, Inorg. Tech Director
James L. Hawkins, Chemist/Geologist
Sandra Biezugbe, Lab Tech.

ENVIRONMENTAL LAB OF

12600 West I-20 East - Odessa, Texas 79765

Analytical Report

Prepared for:

Mike Griffin

WHOLE EARTH ENVIRONMENTAL

2103 Arbor Cove

Katy, TX 77494

Project: E-15

Project Number: None Given

Location: Eunice, NM

Lab Order Number: 4L30011

Report Date: 01/03/05

WHOLE EARTH ENVIRONMENTAL	Project: E-15	Fax: (281) 394-2051
2103 Arbor Cove	Project Number: None Given	**Reported:**
Katy TX, 77494	Project Manager: Mike Griffin	01/03/05 17:55

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW-1	4L30011-01	Water	12/30/04 00:00	12/30/04 11:40
MW-2	4L30011-02	Water	12/30/04 00:00	12/30/04 11:40
MW-3	4L30011-03	Water	12/30/04 00:00	12/30/04 11:40
MW-4	4L30011-04	Water	12/30/04 00:00	12/30/04 11:40

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WHOLE EARTH ENVIRONMENTAL	Project: E-15	Fax: (281) 394-2051
2103 Arbor Cove	Project Number: None Given	**Reported:**
Katy TX, 77494	Project Manager: Mike Griffin	01/03/05 17:55

General Chemistry Parameters by EPA / Standard Methods

Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-1 (4L30011-01) Water									
Chloride	**762**	5.00	mg/L	1	EL43005	12/30/04	12/30/04	EPA 325.3M	
MW-2 (4L30011-02) Water									
Chloride	**25400**	5.00	mg/L	1	EL43005	12/30/04	12/30/04	EPA 325.3M	
MW-3 (4L30011-03) Water									
Chloride	**993**	5.00	mg/L	1	EL43005	12/30/04	12/30/04	EPA 325.3M	
MW-4 (4L30011-04) Water									
Chloride	**1840**	5.00	mg/L	1	EL43005	12/30/04	12/30/04	EPA 325.3M	

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WHOLE EARTH ENVIRONMENTAL	Project: E-15	Fax: (281) 394-2051
2103 Arbor Cove	Project Number: None Given	**Reported:**
Katy TX, 77494	Project Manager: Mike Griffin	01/03/05 17:55

General Chemistry Parameters by EPA / Standard Methods - Quality Control

Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EL43005 - General Preparation (WetChem)										
Blank (EL43005-BLK1)				Prepared & Analyzed: 12/30/04						
Chloride	ND	5.00	mg/L							
Matrix Spike (EL43005-MS1)	**Source: 4L29009-01**			Prepared & Analyzed: 12/30/04						
Chloride	368		mg/L	250	124	97.6	80-120			
Matrix Spike Dup (EL43005-MSD1)	**Source: 4L29009-01**			Prepared & Analyzed: 12/30/04						
Chloride	363		mg/L	250	124	95.6	80-120	1.37	20	
Reference (EL43005-SRM1)				Prepared & Analyzed: 12/30/04						
Chloride	4960		mg/L	5000		99.2	80-120			

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WHOLE EARTH ENVIRONMENTAL	Project: E-15	Fax: (281) 394-2051
2103 Arbor Cove	Project Number: None Given	**Reported:**
Katy TX, 77494	Project Manager: Mike Griffin	01/03/05 17:55

Notes and Definitions

DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
LCS	Laboratory Control Spike
MS	Matrix Spike
Dup	Duplicate

Report Approved By: Raland K Tuttle Date: 1/3/2005

Raland K. Tuttle, Lab Manager
Celey D. Keene, Lab Director, Org. Tech Director
Peggy Allen, QA Officer
Jeanne Mc Murrey, Inorg. Tech Director
James L. Hawkins, Chemist/Geologist
Sandra Sanchez, Lab Tech.

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Environmental Lab of Texas

12600 West I-20 East
Odessa, Texas 79765
Phone: 432-563-1800
Fax: 432-563-1713

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

Project Manager: M. Griffin
Company Name: Whole Earth Environmental, Inc
Company Address:
City/State/Zip:
Telephone No:
Fax No:
Sampler Signature: M. Griffin

Project Name: E-15 4th Qtr
Project #:
Project Loc: Eunice
PO #:

LAB # (lab use only)	FIELD CODE	Date Sampled	Time Sampled	No. of Containers	4oz glass	Preservative: Ice	Preservative: HNO_3	Preservative: HCl	Preservative: NaOH	Preservative: H_2SO_4	Preservative: None	Preservative: Other (Specify)	Matrix: Water	Matrix: Sludge	Matrix: Soil	Matrix: Other (specify):	Analyze For: TCLP: TPH: 418.1 8015M 1005 1006	Analyze For: TOTAL: TPH: 418.1 8015M 1005 1006	Cations (Ca, Mg, Na, K)	Anions (Cl, SO4, CO3, HCO3)	SAR / ESP / CEC	Metals: As Ag Ba Cd Cr Pb Hg Se	Volatiles	Semivolatiles	BTEX 80218/5030 or BTEX 8260	RCI	N.O.R.M.	Chlorides			RUSH TAT (Pre-Schedule)	Standard TAT
4L30011																																
-01	MW-1	12-30-04		1							X		X															X				
-02	MW-2	"		1							X		X															X				
-03	MW-3	"		1							X		X															X				
-04	MW-4	"		1							X		X															X				

Special Instructions: Invoice Rice / cc of results to Kristin Farris w/ Rice

Sample Containers Intact? (Y) N
Temperature Upon Receipt:
Laboratory Comments: 17.5°C

Relinquished by:	Date	Time	Received by:	Date	Time
M. Griffin	12/30	11:40			
Relinquished by:	Date	Time	Received by ELOT:	Date	Time
			Joanne McMurrey	12-30-04	1140

ENVIRONMENTAL LAB OF

12600 West I-20 East - Odessa, Texas 79765

Analytical Report

Prepared for:

Mike Griffin

WHOLE EARTH ENVIRONMENTAL

2103 Arbor Cove

Katy, TX 77494

Project: Rice E-15 Source Well

Project Number: None Given

Location: Eunice, NM

Lab Order Number: 4L30010

Report Date: 01/13/05

WHOLE EARTH ENVIRONMENTAL	Project: Rice E-15 Source Well	Fax: (281) 394-2051
2103 Arbor Cove	Project Number: None Given	**Reported:**
Katy TX, 77494	Project Manager: Mike Griffin	01/13/05 14:26

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
E-15 Source Well	4L30010-01	Water	12/30/04 00:00	12/30/04 11:40

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WHOLE EARTH ENVIRONMENTAL	Project: Rice E-15 Source Well	Fax: (281) 394-2051
2103 Arbor Cove	Project Number: None Given	**Reported:**
Katy TX, 77494	Project Manager: Mike Griffin	01/13/05 14:26

Organics by GC

Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
E-15 Source Well (4L30010-01) Water									
Benzene	ND	0.00100	mg/L	1	EA50619	01/05/05	01/05/05	EPA 8021B	
Toluene	ND	0.00100	"	"	"	"	"	"	
Ethylbenzene	ND	0.00100	"	"	"	"	"	"	
Xylene (p/m)	ND	0.00100	"	"	"	"	"	"	
Xylene (o)	ND	0.00100	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*100 %*		*80-120*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*98.4 %*		*80-120*	"	"	"	"	

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WHOLE EARTH ENVIRONMENTAL	Project: Rice E-15 Source Well	Fax: (281) 394-2051
2103 Arbor Cove	Project Number: None Given	**Reported:**
Katy TX, 77494	Project Manager: Mike Griffin	01/13/05 14:26

General Chemistry Parameters by EPA / Standard Methods

Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
E-15 Source Well (4L30010-01) Water									
Total Alkalinity	**272**	2.00	mg/L	1	EL43013	12/30/04	12/30/04	EPA 310.2M	
Chloride	**1680**	5.00	"	"	EL43005	12/30/04	12/30/04	EPA 325.3M	
Sulfate	**260**	2.50	"	5	EL43014	12/30/04	12/30/04	EPA 375.4	

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WHOLE EARTH ENVIRONMENTAL	Project: Rice E-15 Source Well	Fax: (281) 394-2051
2103 Arbor Cove	Project Number: None Given	**Reported:**
Katy TX, 77494	Project Manager: Mike Griffin	01/13/05 14:26

Total Metals by EPA / Standard Methods

Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
E-15 Source Well (4L30010-01) Water									
Calcium	**198**	1.00	mg/L	100	EA51302	01/12/05	01/13/05	EPA 6010B	
Magnesium	**148**	0.100	"	"	"	"	"	"	
Potassium	**29.6**	0.500	"	10	"	"	"	"	
Sodium	**861**	1.00	"	100	"	"	"	"	

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Organics by GC - Quality Control

Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EA50619 - EPA 5030C (GC)										
Blank (EA50619-BLK1)				Prepared & Analyzed: 01/05/05						
Benzene	ND	0.00100	mg/L							
Toluene	ND	0.00100	"							
Ethylbenzene	ND	0.00100	"							
Xylene (p/m)	ND	0.00100	"							
Xylene (o)	ND	0.00100	"							
Surrogate: a,a,a-Trifluorotoluene	*97.7*		*ug/l*	*100*		*97.7*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*102*		"	*100*		*102*	*80-120*			
LCS (EA50619-BS1)				Prepared & Analyzed: 01/05/05						
Benzene	95.3		ug/l	100		95.3	80-120			
Toluene	97.6		"	100		97.6	80-120			
Ethylbenzene	106		"	100		106	80-120			
Xylene (p/m)	237		"	200		118	80-120			
Xylene (o)	118		"	100		118	80-120			
Surrogate: a,a,a-Trifluorotoluene	*119*		"	*100*		*119*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*118*		"	*100*		*118*	*80-120*			
Calibration Check (EA50619-CCV1)				Prepared: 01/05/05 Analyzed: 01/06/05						
Benzene	89.6		ug/l	100		89.6	80-120			
Toluene	89.1		"	100		89.1	80-120			
Ethylbenzene	98.6		"	100		98.6	80-120			
Xylene (p/m)	227		"	200		114	80-120			
Xylene (o)	118		"	100		118	80-120			
Surrogate: a,a,a-Trifluorotoluene	*105*		"	*100*		*105*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*115*		"	*100*		*115*	*80-120*			
Matrix Spike (EA50619-MS1)	**Source: 4L30010-01**			Prepared & Analyzed: 01/05/05						
Benzene	82.8		ug/l	100	ND	82.8	80-120			
Toluene	82.5		"	100	ND	82.5	80-120			
Ethylbenzene	89.0		"	100	ND	89.0	80-120			
Xylene (p/m)	201		"	200	ND	100	80-120			
Xylene (o)	102		"	100	ND	102	80-120			
Surrogate: a,a,a-Trifluorotoluene	*91.0*		"	*100*		*91.0*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*110*		"	*100*		*110*	*80-120*			

Organics by GC - Quality Control

Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EA50619 - EPA 5030C (GC)										
Matrix Spike Dup (EA50619-MSD1)	**Source: 4L30010-01**			Prepared & Analyzed: 01/05/05						
Benzene	90.6		ug/l	100	ND	90.6	80-120	9.00	20	
Toluene	87.5		"	100	ND	87.5	80-120	5.88	20	
Ethylbenzene	104		"	100	ND	104	80-120	15.5	20	
Xylene (p/m)	239		"	200	ND	120	80-120	18.2	20	
Xylene (o)	118		"	100	ND	118	80-120	14.5	20	
Surrogate: a,a,a-Trifluorotoluene	*97.0*		"	*100*		*97.0*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*119*		"	*100*		*119*	*80-120*			

WHOLE EARTH ENVIRONMENTAL	Project: Rice E-15 Source Well	Fax: (281) 394-2051
2103 Arbor Cove	Project Number: None Given	**Reported:**
Katy TX, 77494	Project Manager: Mike Griffin	01/13/05 14:26

General Chemistry Parameters by EPA / Standard Methods - Quality Control

Environmental Lab of Texas

Analyte	Result	*Reporting* Limit	Units	*Spike* Level	*Source* Result	%REC	%REC Limits	RPD	*RPD* Limit	Notes
Batch EL43005 - General Preparation (WetChem)										
Blank (EL43005-BLK1)				Prepared & Analyzed: 12/30/04						
Chloride	ND	5.00	mg/L							
Matrix Spike (EL43005-MS1)		**Source: 4L29009-01**		Prepared & Analyzed: 12/30/04						
Chloride	368		mg/L	250	124	97.6	80-120			
Matrix Spike Dup (EL43005-MSD1)		**Source: 4L29009-01**		Prepared & Analyzed: 12/30/04						
Chloride	363		mg/L	250	124	95.6	80-120	1.37	20	
Reference (EL43005-SRM1)				Prepared & Analyzed: 12/30/04						
Chloride	4960		mg/L	5000		99.2	80-120			
Batch EL43013 - General Preparation (WetChem)										
Blank (EL43013-BLK1)				Prepared & Analyzed: 12/30/04						
Total Alkalinity	ND	2.00	mg/L							
Duplicate (EL43013-DUP1)		**Source: 4L29009-01**		Prepared & Analyzed: 12/30/04						
Total Alkalinity	141	2.00	mg/L		140			0.712	20	
Reference (EL43013-SRM1)				Prepared & Analyzed: 12/30/04						
Carbonate Alkalinity	0.0501		mg/L	0.0500		100	80-120			
Batch EL43014 - General Preparation (WetChem)										
Blank (EL43014-BLK1)				Prepared & Analyzed: 12/30/04						
Sulfate	ND	0.500	mg/L							

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WHOLE EARTH ENVIRONMENTAL	Project: Rice E-15 Source Well	Fax: (281) 394-2051
2103 Arbor Cove	Project Number: None Given	**Reported:**
Katy TX, 77494	Project Manager: Mike Griffin	01/13/05 14:26

General Chemistry Parameters by EPA / Standard Methods - Quality Control

Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EL43014 - General Preparation (WetChem)										
Calibration Check (EL43014-CCV1)				Prepared & Analyzed: 12/30/04						
Sulfate	48.6		mg/L	50.0		97.2	80-120			
Duplicate (EL43014-DUP1)		**Source: 4L29009-01**		Prepared & Analyzed: 12/30/04						
Sulfate	1340	12.5	mg/L		1300			3.03	20	

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Total Metals by EPA / Standard Methods - Quality Control

Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EA51302 - 6010B/No Digestion										
Blank (EA51302-BLK1)				Prepared: 01/12/05 Analyzed: 01/13/05						
Calcium	ND	0.0100	mg/L							
Magnesium	ND	0.00100	"							
Potassium	ND	0.0500	"							
Sodium	ND	0.0100	"							
Calibration Check (EA51302-CCV1)				Prepared: 01/12/05 Analyzed: 01/13/05						
Calcium	2.24		mg/L	2.00		112	85-115			
Magnesium	2.30		"	2.00		115	85-115			
Potassium	1.79		"	2.00		89.5	85-115			
Sodium	1.99		"	2.00		99.5	85-115			
Duplicate (EA51302-DUP1)	**Source: 5A03002-06**			Prepared: 01/12/05 Analyzed: 01/13/05						
Calcium	238	1.00	mg/L		240			0.837	20	
Magnesium	99.2	0.100	"		99.9			0.703	20	
Potassium	5.34	0.500	"		6.42			18.4	20	
Sodium	231	1.00	"		232			0.432	20	

WHOLE EARTH ENVIRONMENTAL	Project: Rice E-15 Source Well	Fax: (281) 394-2051
2103 Arbor Cove	Project Number: None Given	**Reported:**
Katy TX, 77494	Project Manager: Mike Griffin	01/13/05 14:26

Notes and Definitions

DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
LCS	Laboratory Control Spike
MS	Matrix Spike
Dup	Duplicate

Report Approved By: Raland K Tuttle Date: 1/13/2005

Raland K. Tuttle, Lab Manager
Celey D. Keene, Lab Director, Org. Tech Director
Peggy Allen, QA Officer
Jeanne Mc Murrey, Inorg. Tech Director
James L. Hawkins, Chemist/Geologist
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Environmental Lab of Texas

12600 West I-20 East
Odessa, Texas 79765
Phone: 432-563-1800
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CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

Project Manager: M. Griffin
Company Name: Whole Earth Environmental
Company Address:
City/State/Zip:
Telephone No:
Fax No:
Sampler Signature: M. Griffin

Project Name: Rice E-15 Source Well
Project #:
Project Loc: Eunice, NM
PO #:

LAB # (lab use only)	FIELD CODE	Date Sampled	Time Sampled	No. of Containers	Preservative: Ice	Preservative: HNO_3	Preservative: HCl	Preservative: NaOH	Preservative: H_2SO_4	Preservative: None	Preservative: Other (Specify)	Matrix: Water	Matrix: Sludge	Matrix: Soil	Matrix: Other (specify)	Analyze For: TPH: 418.1 8015M 1005 1006	Cations (Ca, Mg, Na, K)	Anions (Cl, SO4, CO3, HCO3)	SAR / ESP / CEC	Metals: As Ag Ba Cd Cr Pb Hg Se	Volatiles	Semivolatiles	BTEX 80218/5030 or BTEX 8260	RCI	N.O.R.M.					FRUSH TAT (Pre-Schedule)	Standard TAT
4L30010																TCLP:															
																TOTAL:							X								
-01	E-15 Source Well	12-30-04		3						X		X					X	X					X								

Special Instructions:

Sample Containers Intact? (Y) N
Temperature Upon Receipt:
Laboratory Comments: -1.0°C

1 - L HDPE
2 - 40mL glass w/HCl on ice

Relinquished by:	Date	Time	Received by:	Date	Time
M. Griffin	12/30	11:40			
Relinquished by:	Date	Time	Received by ELOT:	Date	Time
			Jana McMurry	12-30-04	1140