

AP - 026

**FINAL CLOSURE
REPORT**

2008

Elke Environmental, Inc.

P.O. Box 14167 Odessa, TX 79768
Phone (432) 366-0043 Fax (432) 366-0884

October 14, 2008

New Mexico Oil Conservation Division
Mr. Wayne Price
1220 South St. Francis Drive
Sante Fe, New Mexico 87505

Re: OCD Case 131142 Order R-12152-A
Humble State #3 Tank Battery Site

Mr. Wayne Price,

Enclosed is the final closure report for the Maralo, LLC – Humble State #3 Tank Battery site and associated wells. In compliance with Order R-12152-A and the letter dated March 3, 2006 all required work, sampling, and documentation has been completed. As per the meeting on August 8, 2008 sampling has been completed around the Jal City Water Line.

Actions ordered to be performed by Maralo, LLC in the letter dated March 3, 2006:

#1 – Excavated contaminated soil at the Tank Battery site to a maximum of 10 feet deep and horizontally until soil samples were below levels of contamination required in action #2. After verbal approval from the OCD in the meeting mentioned in #4 below, the two plugged and abandoned wells (Humble State #3 well and Shell A-1 well) were excavated to a maximum of 4' deep and horizontally until soil samples were below levels of contamination required in action #2. The total contaminated soil excavated from the two wells was 2,741 cubic yards, of that 2,597 cubic yards was backfilled into the bottom of the tank battery excavation in a thin layer with approval from the OCD in the meeting mentioned in #4 below and 144 cubic yards was hauled away. The total contaminated soil excavated and hauled away from the tank battery site was 96,678 cubic yards. A total of 96,822 cubic yards of contaminated soil was hauled to J & L Landfarm in Hobbs, NM.

#2 – All wall samples were analyzed in the field as well as lab confirmation, and all bottom samples were analyzed at the lab. All wall samples are below the levels required in action #2.

#3 – A total of 110 grab bottom samples were taken with 5 samples for each bottom area, and a total of 184 grab and 46 four point composite wall samples were taken with 4 grab and 1 composite for each wall. Each bottom sample was analyzed for the constituents in item 2 of the order. Each wall grab was analyzed for field BTEX; and laboratory analysis for benzene (EPA SW-846 Method 8021B) and total BTEX (EPA SW-846 Method 8021B). Each 4 point composite

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wall sample was analyzed for field TPH (EPA Method 418.1) and chlorides (EPA Method 300.1); and laboratory analysis for TPH (EPA Method 418.1), TPH GRO/DRO (EPA SW-846 Method 8015M), and chlorides (EPA Method 300.1). The soil excavated from the two wells and backfilled in the tank battery excavation was analyzed for SPLP leachability (EPA Method 1312) of chlorides, TPH GRO/DRO (EPA SW-846 Method 8015M), total BTEX (EPA SW-846 Method 8021B), chlorides (EPA Method 300.1) and RCRA 8 Metals (EPA Methods 7470A and 6020A).

#4 – Verbal permission was given to backfill by the OCD on June 6, 2006 at a meeting with Daniel Sanchez and Larry Johnson of the OCD, Rob Elam and Hamp Kerby of Elke Environmental, Geoff Perrin and Bill Solomon of Maralo, and David Lauritzen of Cotton, Bledsoe, Tighe and Dawson. A total of 96,831 cubic yards of similar native clean soil was hauled and backfilled in the excavations. The soil was water compacted during the backfill stage.

#5 – Re-vegetation of the site has been agreed upon between Maralo and the landowner with written approval. A copy of the letter is included.

#6 – All notice was given at appropriate times during the progress of the remediation of the site.

#7 – The deadline for work to be finished and a final report to be submitted was delayed to August 31, 2006 in the meeting mentioned in #4 above. The following report includes (a) plat maps of the clean-up areas with locations and dimensions of all excavated areas and final sample points, (b) dated photos of the project before, during excavation, at sample points and after backfill, (c) copies of all manifests, (d) a daily log of major activities, (e) and all laboratory analysis reports cross referenced to sample points.

Actions ordered by Wayne Price in the meeting on August 8, 2008:

#1 – Sample around the Jal City Water Line and analyze for benzene (EPA SW-846 Method 8021B), total BTEX (EPA SW-846 Method 8021B), TPH 418.1 (EPA Method 418.1), TPH GRO/DRO (EPA Method 8015M), chlorides (EPA Method 300.1) and RCRA 8 Metals (EPA SW-846 Method 6010B and 7471A).

#2 – All samples taken around the Jal City Water Line meet either the NMOCD Standard for this site or background levels.

Any questions concerning the enclosed report please contact me at the office.

Sincerely,

A handwritten signature in black ink, appearing to read 'Logan Anderson', written over a horizontal line.

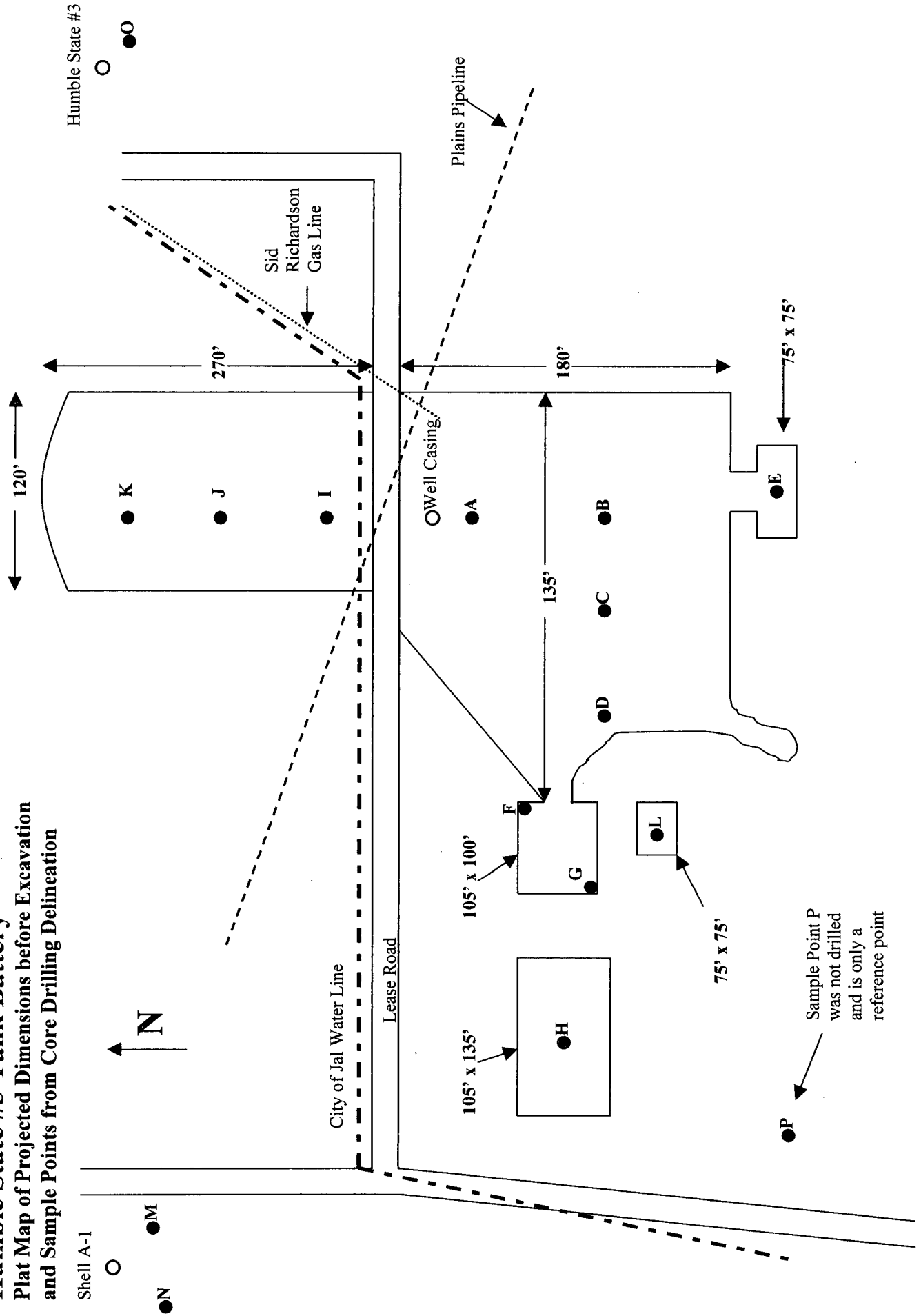
Logan Anderson

Attachment A

Plat Maps of Site

Maralo, LLC

Humble State #3 Tank Battery Plat Map of Projected Dimensions before Excavation and Sample Points from Core Drilling Delineation



Maralo, LLC

Humble State #3 Tank Battery

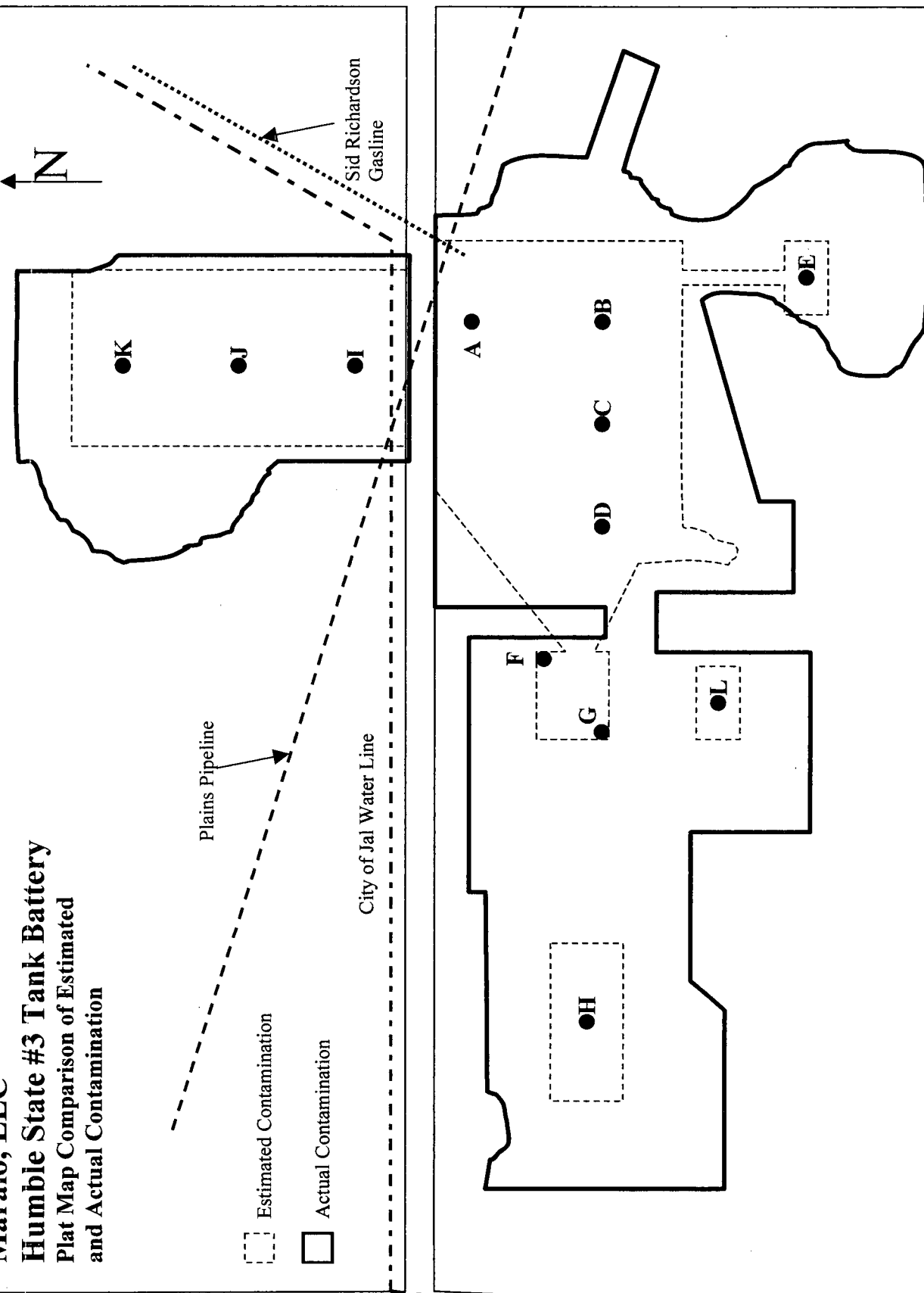
Plat Map Comparison of Estimated
and Actual Contamination

- Estimated Contamination
- Actual Contamination

Plains Pipeline

City of Jal Water Line

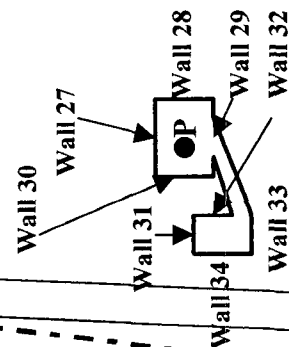
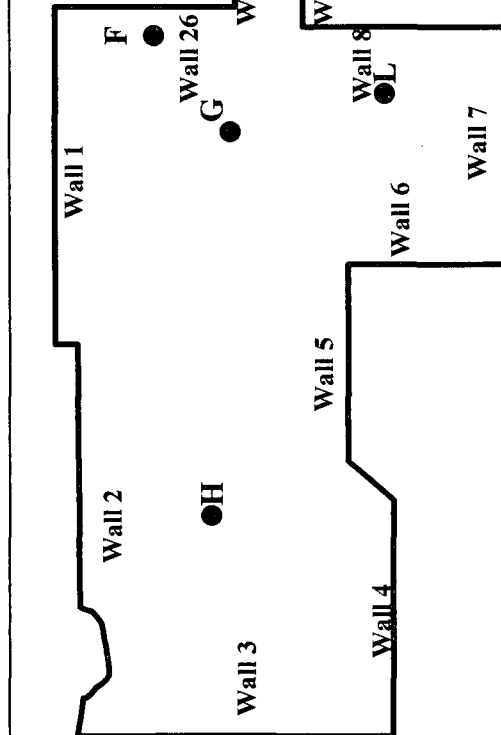
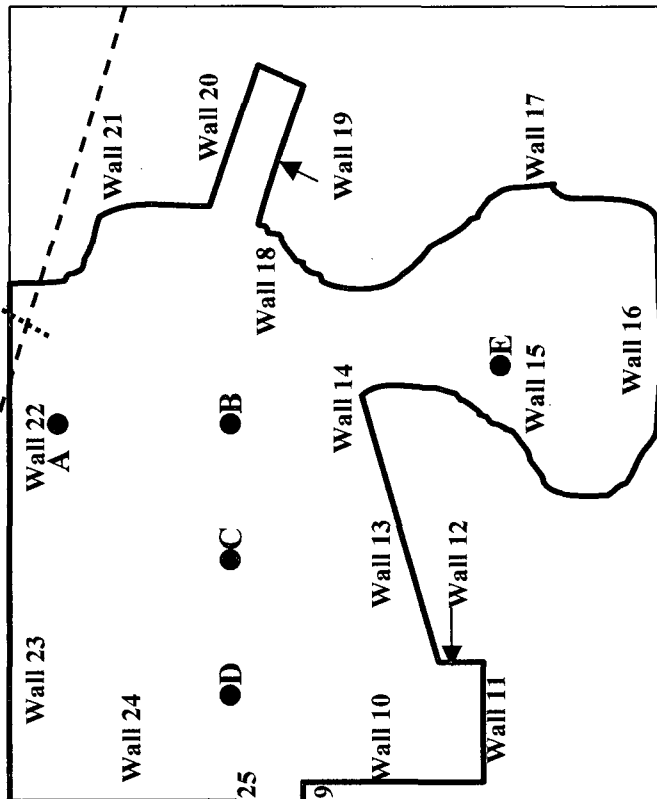
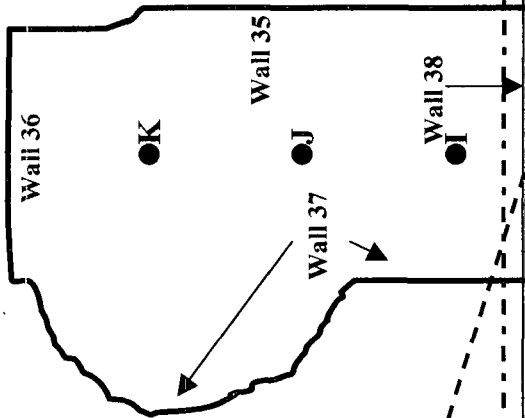
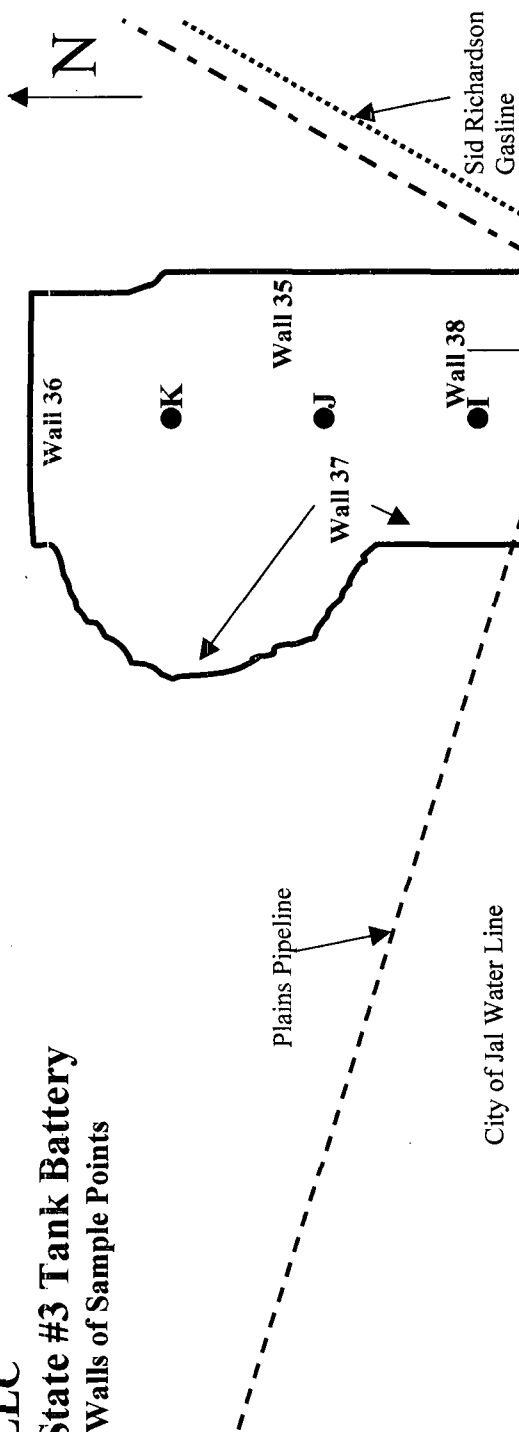
Sid Richardson
Gasline



Maralo, LLC

Humble State #3 Tank Battery

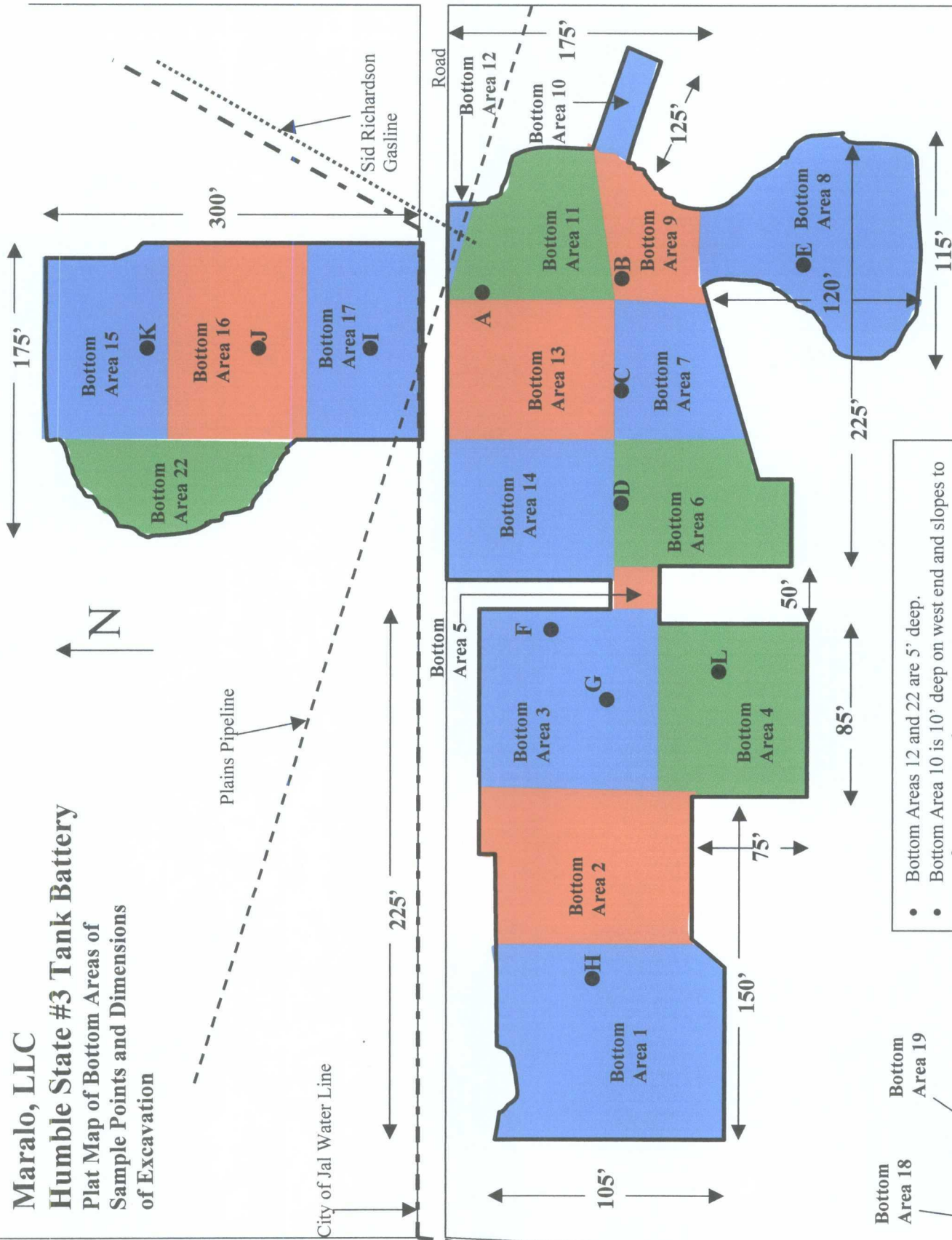
Plat Map of Walls of Sample Points



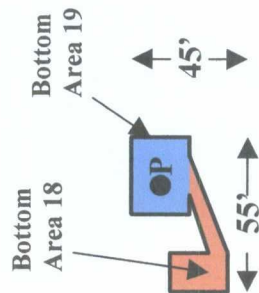
Maralo, LLC

Humble State #3 Tank Battery

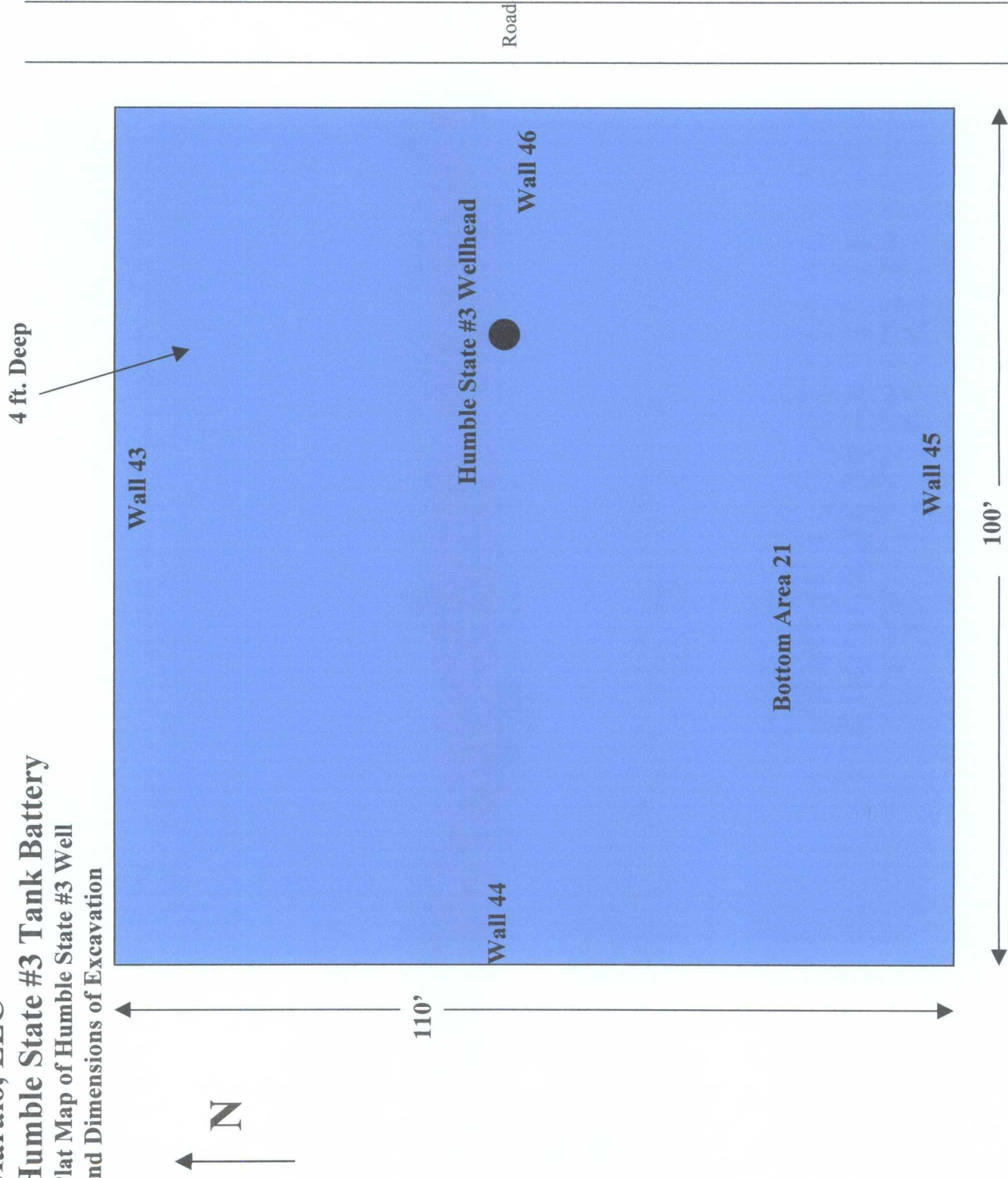
Plat Map of Bottom Areas of
Sample Points and Dimensions
of Excavation



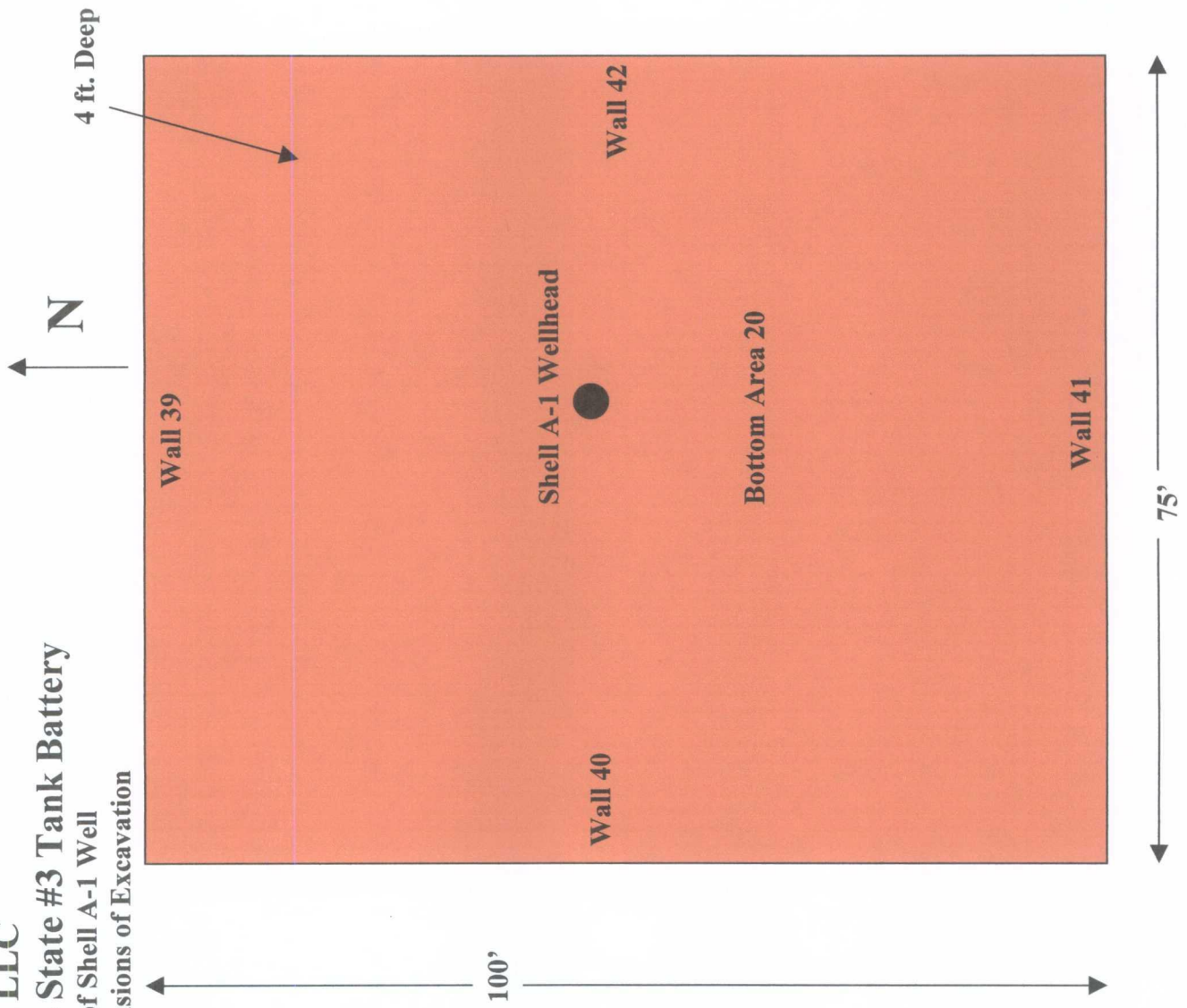
- Bottom Areas 12 and 22 are 5' deep.
- Bottom Area 10 is 10' deep on west end and slopes to surface on east end.
- Bottom Area 17 is 10' deep on north half and 8' deep on south half.
- All other Bottom Areas are 10' deep.



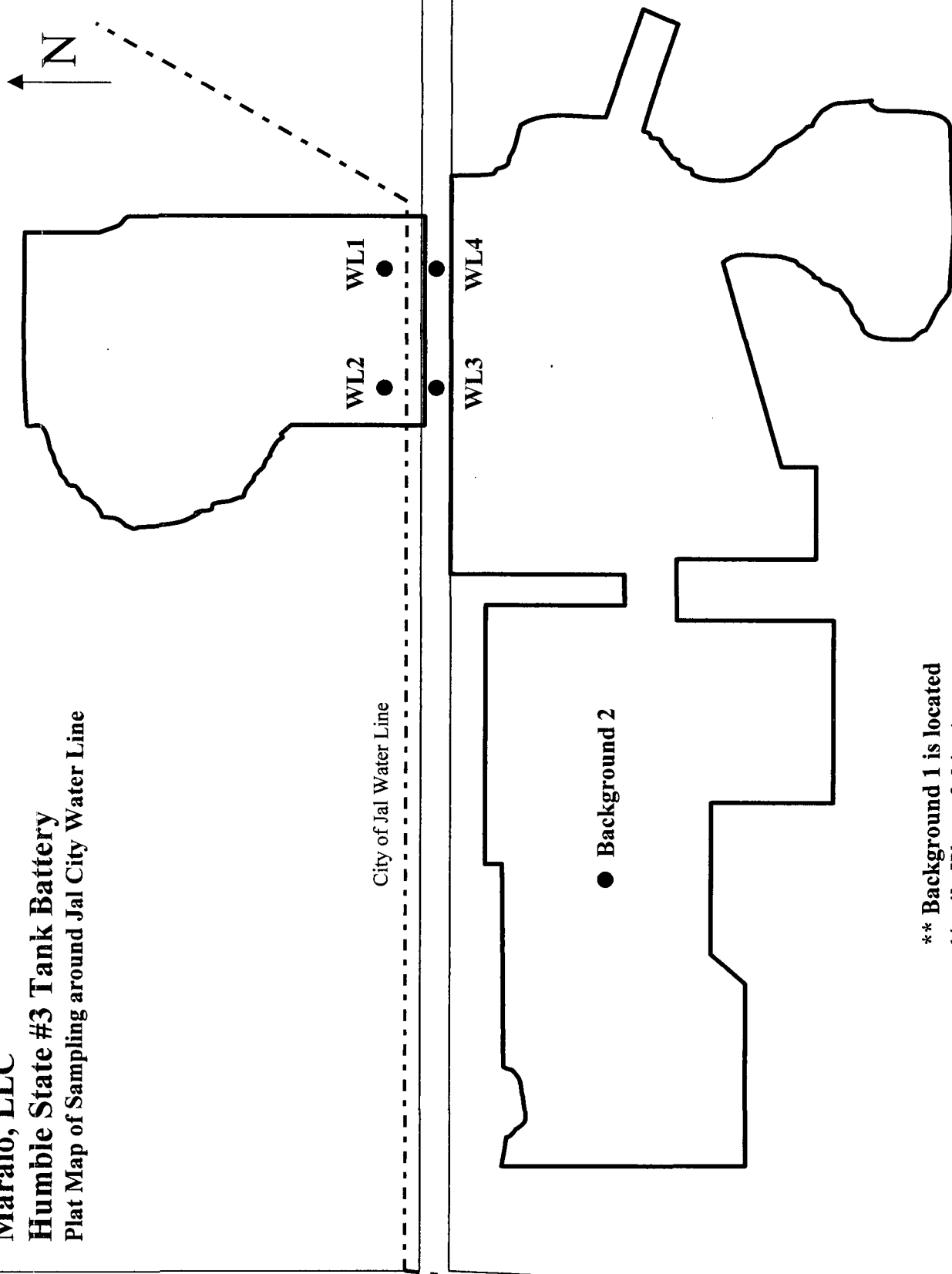
Maralo, LLC
Humble State #3 Tank Battery
Plat Map of Humble State #3 Well
and Dimensions of Excavation



Maralo, LLC
Humble State #3 Tank Battery
Plat Map of Shell A-1 Well
and Dimensions of Excavation



Maralo, LLC
Humble State #3 Tank Battery
Plat Map of Sampling around Jal City Water Line



● Background 2

** Background 1 is located
1/4 mile West of this site
adjacent to the Jal City
Water Line.

Attachment B

Field Analytical of Wall Sample Points and Drilling Sample Points

Elke Environmental, Inc.

P.O. Box 14167 Odessa, TX 79768

Field Analytical Report Form

Client Maralo, LLC

Analyst Logan Anderson

Site Humble State #3 Tank Battery

Sample ID	Date	Depth	TPH / PPM	CI / PPM	PID / PPM	GPS
W1A	5-25-06				2.7	
W1B	5-25-06				4.4	
W1C	5-25-06				0.7	
W1D	5-25-06				8.0	
4 pt. Comp. Wall 1	5-25-06		2,167	137		
W2A	5-25-06				0.3	
W2B	5-25-06				1.6	
W2C	5-25-06				0.2	
W2D	5-25-06				0.2	
4 pt. Comp. Wall 2	5-25-06		89	46		
W3A	5-25-06				0.1	
W3B	5-25-06				0.1	
W3C	5-25-06				0.7	
W3D	5-25-06				0.1	
4 pt. Comp. Wall 3	5-25-06		56	147		
W4A	5-25-06				1.6	
W4B	5-25-06				0.1	
W4C	5-25-06				0.9	
W4D	5-25-06				0.4	
4 pt. Comp. Wall 4	5-25-06		10	150		

Analyst Notes W1A - Wall 1 Point A

Analyst Signature 

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Field Analytical Report Form

Client Maralo, LLC

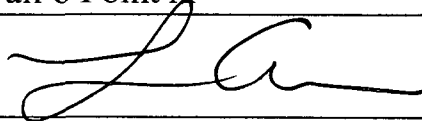
Analyst Logan Anderson

Site Humble State #3 Tank Battery

Sample ID	Date	Depth	TPH / PPM	CI / PPM	PID / PPM	GPS
W5A	5-25-06				2.7	
W5B	5-25-06				0.1	
W5C	5-25-06				0.2	
W5D	5-25-06				3.1	
4 pt. Comp. Wall 5	5-25-06		20	84		
W6A	5-25-06				0.1	
W6B	5-25-06				0.1	
W6C	5-25-06				3.1	
W6D	5-25-06				2.9	
4 pt. Comp. Wall 6	5-25-06		93	144		
W7A	5-25-06				3.9	
W7B	5-25-06				0.1	
W7C	5-25-06				0.1	
W7D	5-25-06				0.2	
4 pt. Comp. Wall 7	5-25-06		25	140		
W8A	5-25-06				0.1	
W8B	5-25-06				2.1	
W8C	5-25-06				2.3	
W8D	5-25-06				0.1	
4 pt. Comp. Wall 8	5-25-06		13	150		

Analyst Notes W8A - Wall 8 Point A

Analyst Signature



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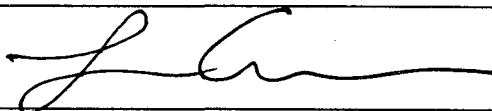
Analyst Logan Anderson

Site Humble State #3 Tank Battery

Sample ID	Date	Depth	TPH / PPM	CI / PPM	PID / PPM	GPS
W9A	5-25-06				0.1	
W9B	5-25-06				0.1	
W9C	5-25-06				0.1	
W9D	5-25-06				0.2	
4 pt. Comp. Wall 9	5-25-06		20	135		
W10A	6-7-06				2.3	
W10B	6-7-06				2.1	
W10C	6-7-06				0.7	
W10D	6-7-06				0.1	
4 pt. Comp. Wall 10	6-7-06		56	182		
W11A	6-7-06				0.1	
W11B	6-7-06				2.1	
W11C	6-7-06				0.1	
W11D	6-7-06				6.2	
4 pt. Comp. Wall 11	6-7-06		33	115		
W12A	6-7-06				0.1	
W12B	6-7-06				0.9	
W12C	6-7-06				1.1	
W12D	6-7-06				0.3	
4 pt. Comp. Wall 12	6-7-06		65	168		

Analyst Notes W12A - Wall 12 Point A

Analyst Signature



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Field Analytical Report Form

Client Maralo, LLC

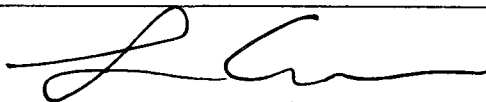
Analyst Logan Anderson

Site Humble State #3 Tank Battery

Sample ID	Date	Depth	TPH / PPM	CI / PPM	PID / PPM	GPS
W13A	6-7-06				3.3	
W13B	6-7-06				0.7	
W13C	6-7-06				0.1	
W13D	6-7-06				0.1	
4 pt. Comp. Wall 13	6-7-06		156	218		
W14A	6-7-06				1.1	
W14B	6-7-06				5.1	
W14C	6-7-06				0.1	
W14D	6-7-06				5.9	
4 pt. Comp. Wall 14	6-7-06		23	127		
W15A	6-7-06				0.3	
W15B	6-7-06				0.9	
W15C	6-7-06				0.1	
W15D	6-7-06				2.1	
4 pt. Comp. Wall 15	6-7-06		44	115		
W16A	6-7-06				9.1	
W16B	6-7-06				0.3	
W16C	6-7-06				0.9	
W16D	6-7-06				0.1	
4 pt. Comp. Wall 16	6-7-06		58	139		

Analyst Notes W16A - Wall 16 Point A

Analyst Signature



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Field Analytical Report Form

Client Maralo, LLC

Analyst Logan Anderson

Site Humble State #3 Tank Battery

Sample ID	Date	Depth	TPH / PPM	CI / PPM	PID / PPM	GPS
W17A	6-7-06				2.1	
W17B	6-7-06				0.1	
W17C	6-7-06				2.1	
W17D	6-7-06				0.1	
4 pt. Comp. Wall 17	6-7-06		96	78		
W18A	6-7-06				0.1	
W18B	6-7-06				3.1	
W18C	6-7-06				5.3	
W18D	6-7-06				3.3	
4 pt. Comp. Wall 18	6-7-06		35	32		
W19A	6-8-06				0.1	
W19B	6-8-06				0.3	
W19C	6-8-06				7.1	
W19D	6-8-06				0.1	
4 pt. Comp. Wall 19	6-8-06		175	95		
W20A	6-8-06				1.6	
W20B	6-8-06				3.4	
W20C	6-8-06				0.7	
W20D	6-8-06				0.1	
4 pt. Comp. Wall 20	6-8-06		54	111		

Analyst Notes W20A - Wall 20 Point A

Analyst Signature



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Field Analytical Report Form

Client Maralo, LLC

Analyst Logan Anderson

Site Humble State #3 Tank Battery

Sample ID	Date	Depth	TPH / PPM	CI / PPM	PID / PPM	GPS
W21A	6-8-06				0.3	
W21B	6-8-06				3.3	
W21C	6-8-06				0.1	
W21D	6-8-06				6.1	
4 pt. Comp. Wall 21	6-8-06		31	122		
W22A	6-14-06				9.2	
W22B	6-14-06				5.7	
W22C	6-14-06				0.1	
W22D	6-14-06				0.3	
4 pt. Comp. Wall 22	6-14-06		47	201		
W23A	6-14-06				5.6	
W23B	6-14-06				0.5	
W23C	6-14-06				0.1	
W23D	6-14-06				0.9	
4 pt. Comp. Wall 23	6-14-06		99	156		
W24A	6-16-06				0.8	
W24B	6-16-06				6.7	
W24C	6-16-06				0.5	
W24D	6-16-06				0.1	
4 pt. Comp. Wall 24	6-16-06		780	68		

Analyst Notes W24A - Wall 24 Point A

Analyst Signature 

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Field Analytical Report Form

Client Maralo, LLC

Analyst Logan Anderson

Site Humble State #3 Tank Battery

Sample ID	Date	Depth	TPH / PPM	CI / PPM	PID / PPM	GPS
W25A	6-14-06				0.1	
W25B	6-14-06				4.9	
W25C	6-14-06				7.3	
W25D	6-14-06				3.5	
4 pt. Comp. Wall 25	6-14-06		178	89		
W26A	6-14-06				0.5	
W26B	6-14-06				1.9	
W26C	6-14-06				10.9	
W26D	6-14-06				0.1	
4 pt. Comp. Wall 26	6-14-06		99	79		
W27A	6-12-06				0.9	
W27B	6-12-06				6.9	
W27C	6-12-06				2.3	
W27D	6-12-06				0.5	
4 pt. Comp. Wall 27	6-12-06		2,890	156		
W28A	6-12-06				9.4	
W28B	6-12-06				0.4	
W28C	6-12-06				0.1	
W28D	6-12-06				0.1	
4 pt. Comp. Wall 28	6-12-06		57	102		

Analyst Notes W28A - Wall 28 Point A

Analyst Signature 

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Field Analytical Report Form

Client Maralo, LLC

Analyst Logan Anderson

Site Humble State #3 Tank Battery

Sample ID	Date	Depth	TPH / PPM	CI / PPM	PID / PPM	GPS
W29A	6-12-06				0.6	
W29B	6-12-06				4.9	
W29C	6-12-06				0.3	
W29D	6-12-06				6.5	
4 pt. Comp. Wall 29	6-12-06		134	198		
W30A	6-12-06				0.1	
W30B	6-12-06				0.1	
W30C	6-12-06				0.3	
W30D	6-12-06				0.1	
4 pt. Comp. Wall 30	6-12-06		67	122		
W31A	6-12-06				0.9	
W31B	6-12-06				2.9	
W31C	6-12-06				2.7	
W31D	6-12-06				0.3	
4 pt. Comp. Wall 31	6-12-06		90	178		
W32A	6-12-06				0.6	
W32B	6-12-06				7.8	
W32C	6-12-06				3.3	
W32D	6-12-06				0.1	
4 pt. Comp. Wall 32	6-12-06		123	99		

Analyst Notes W30A - Wall 30 Point A

Analyst Signature 

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Field Analytical Report Form

Client Maralo, LLC

Analyst Logan Anderson

Site Humble State #3 Tank Battery

Sample ID	Date	Depth	TPH / PPM	Cl / PPM	PID / PPM	GPS
W33A	6-12-06				1.9	
W33B	6-12-06				5.4	
W33C	6-12-06				0.1	
W33D	6-12-06				8.1	
4 pt. Comp. Wall 33	6-12-06		156	154		
W34A	6-12-06				0.1	
W34B	6-12-06				1.1	
W34C	6-12-06				0.1	
W34D	6-12-06				5.3	
4 pt. Comp. Wall 34	6-12-06		199	134		
W35A	6-15-06				0.9	
W35B	6-15-06				2.7	
W35C	6-15-06				1.7	
W35D	6-15-06				0.7	
4 pt. Comp. Wall 35	6-15-06		201	188		
W36A	6-15-06				1.6	
W36B	6-15-06				0.1	
W36C	6-15-06				0.8	
W36D	6-15-06				0.1	
4 pt. Comp. Wall 36	6-15-06		150	130		

Analyst Notes W36A - Wall 36 Point A

Analyst Signature 

Elke Environmental, Inc.

P.O. Box 14167 Odessa, TX 79768

Field Analytical Report Form

Client Maralo, LLC Analyst Logan Anderson

Site Humble State #3 Tank Battery

Sample ID	Date	Depth	TPH / PPM	CI / PPM	PID / PPM	GPS
W37A	6-15-06				9.6	
W37B	6-15-06				3.4	
W37C	6-15-06				8.7	
W37D	6-15-06				5.7	
4 pt. Comp. Wall 37	6-15-06		315	177		
W38A	6-15-06				5.2	
W38B	6-15-06				0.1	
W38C	6-15-06				0.1	
W38D	6-15-06				10.4	
4 pt. Comp. Wall 38	6-15-06		1,670	89		
W39A	7-10-06				2.7	
W39B	7-10-06				4.4	
W39C	7-10-06				0.7	
W39D	7-10-06				8.0	
4 pt. Comp. Wall 39	7-10-06		2,167	137		
W40A	7-10-06				0.3	
W40B	7-10-06				1.6	
W40C	7-10-06				0.2	
W40D	7-10-06				0.2	
4 pt. Comp. Wall 40	7-10-06		89	46		

Analyst Notes W38A - Wall 38 Point A

Analyst Signature 

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Field Analytical Report Form

Client Maralo, LLC

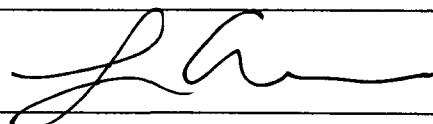
Analyst Logan Anderson

Site Humble State #3 Tank Battery

Sample ID	Date	Depth	TPH / PPM	CI / PPM	PID / PPM	GPS
W41A	7-10-06				0.1	
W41B	7-10-06				0.1	
W41C	7-10-06				0.7	
W41D	7-10-06				0.1	
4 pt. Comp. Wall 41	7-10-06		56	147		
W42A	7-10-06				1.6	
W42B	7-10-06				0.1	
W42C	7-10-06				0.9	
W42D	7-10-06				0.4	
4 pt. Comp. Wall 42	7-10-06		10	150		
W43A	7-10-06				2.7	
W43B	7-10-06				0.1	
W43C	7-10-06				0.2	
W43D	7-10-06				3.1	
4 pt. Comp. Wall 43	7-10-06		20	84		
W44A	7-10-06				0.1	
W44B	7-10-06				0.1	
W44C	7-10-06				3.1	
W44D	7-10-06				2.9	
4 pt. Comp. Wall 44	7-10-06		93	144		

Analyst Notes W44A - Wall 44 Point A

Analyst Signature



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Field Analytical Report Form

Client Maralo, LLC

Analyst Logan Anderson / Rob Elam

Site Humble State #3 Tank Battery

Sample ID	Date	Depth	TPH / PPM	CI / PPM	PID / PPM	GPS
W45A	7-10-06				3.9	
W45B	7-10-06				0.1	
W45C	7-10-06				0.1	
W45D	7-10-06				0.2	
4 pt. Comp. Wall 45	7-10-06		25	140		
W46A	7-10-06				0.1	
W46B	7-10-06				2.1	
W46C	7-10-06				2.3	
W46D	7-10-06				0.1	
4 pt. Comp. Wall 46	7-10-06		13	150		
A	4-2005	5'			0.01	
A	4-2005	10'			332	
A	4-2005	15'			356	
A	4-2005	20'			394	
A	4-2005	25'			189	
A	4-2005	30'			226	
A	4-2005	35'			31.1	
A	4-2005	40'			17.7	
B	4-2005	5'			0.01	
B	4-2005	10'			332	

Analyst Notes W46A - Wall 46 Point A

Rob Elam

Analyst Signature

Logan Anderson

Elke Environmental, Inc.

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Field Analytical Report Form

Client Maralo, LLC

Analyst Rob Elam

Site Humble State #3 Tank Battery

Sample ID	Date	Depth	TPH / PPM	Cl / PPM	PID / PPM	GPS
B	4-2005	15'			356	
B	4-2005	20'			394	
B	4-2005	25'			189	
B	4-2005	30'			226	
B	4-2005	35'			31	
B	4-2005	40'			17.7	
C	4-2005	5'			230	
C	4-2005	10'			304	
C	4-2005	15'			329	
C	4-2005	20'			504	
C	4-2005	25'			312	
C	4-2005	30'			977	
C	4-2005	35'			502	
C	4-2005	40'			223	
C	4-2005	45'			67	
C	4-2005	50'			28	
D	4-2005	5'			2.7	
D	4-2005	10'			1.7	
D	4-2005	15'			21.8	
D	4-2005	20'			25.7	

Analyst Notes D – Sample Point D

Analyst Signature



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Field Analytical Report Form

Client Maralo, LLC

Analyst Rob Elam

Site Humble State #3 Tank Battery

Sample ID	Date	Depth	TPH / PPM	CI / PPM	PID / PPM	GPS
D	4-2005	25'			11.2	
D	4-2005	30'			2.2	
E	4-2005	5'			38.4	
E	4-2005	10'			313	
E	4-2005	15'			329	
E	4-2005	20'			504	
E	4-2005	25'			312	
E	4-2005	30'			977	
E	4-2005	35'			502	
E	4-2005	40'			223	
E	4-2005	45'			67	
E	4-2005	50'			28	
F	4-2005	5'			458	
F	4-2005	10'			482	
F	4-2005	15'			284	
F	4-2005	20'			222	
F	4-2005	25'			27.3	
F	4-2005	30'			8.3	
G	4-2005	5'			308	
G	4-2005	10'			312	

Analyst Notes F – Sample Point F

Analyst Signature 

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Field Analytical Report Form

Client Maralo, LLC Analyst Rob Elam

Site Humble State #3 Tank Battery

Sample ID	Date	Depth	TPH / PPM	CI / PPM	PID / PPM	GPS
G	4-2005	15'			310	
G	4-2005	20'			286	
G	4-2005	25'			41.4	
G	4-2005	30'			21	
H	4-2005	5'			0.1	
H	4-2005	10'			0.1	
H	4-2005	15'			2.8	
H	4-2005	20'			0.1	
H	4-2005	25'			0.1	
H	4-2005	30'			0.1	
I	4-2005	5'			135	
I	4-2005	10'			651	
I	4-2005	15'			944	
I	4-2005	20'			769	
I	4-2005	25'			1,120	
I	4-2005	30'			837	
I	4-2005	35'			84.4	
I	4-2005	40'			99.3	
I	4-2005	45'			33.3	
I	4-2005	50'			92.9	

Analyst Notes I – Sample Point I

Analyst Signature Rob Elam

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Field Analytical Report Form

Client Maralo, LLC

Analyst Rob Elam

Site Humble State #3 Tank Battery

Sample ID	Date	Depth	TPH / PPM	CI / PPM	PID / PPM	GPS
I	4-2005	55'			26.1	
I	4-2005	60'			29.5	
J	4-2005	5'			307	
J	4-2005	10'			519	
J	4-2005	15'			525	
J	4-2005	20'			622	
J	4-2005	25'			292	
J	4-2005	30'			271	
J	4-2005	35'			231	
J	4-2005	40'			326	
J	4-2005	45'			329	
J	4-2005	50'			201	
J	4-2005	55'			269	
J	4-2005	60'			307	
J	4-2005	65'			84.3	
J	4-2005	70'			39.1	
K	4-2005	5'			291	
K	4-2005	10'			426	
K	4-2005	15'			311	
K	4-2005	20'			267	

Analyst Notes K – Sample Point K

Analyst Signature

Rob Elam

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Field Analytical Report Form

Client Maralo, LLC

Analyst Rob Elam

Site Humble State #3 Tank Battery

Sample ID	Date	Depth	TPH / PPM	CI / PPM	PID / PPM	GPS
K	4-2005	25'			268	
K	4-2005	30'			56.7	
K	4-2005	35'			24.4	
K	4-2005	40'			33.6	
L	4-2005	5'			0.6	
L	4-2005	10'			0.1	
L	4-2005	15'			2.2	
L	4-2005	20'			0.1	
L	4-2005	25'			0.1	
L	4-2005	30'			0.1	
M	4-2005	5'			23.5	
M	4-2005	10'			3.3	
M	4-2005	15'			2.5	
M	4-2005	20'			0.1	
M	4-2005	25'			0.2	
N	4-2005	5'			0.1	
N	4-2005	10'			0.6	
N	4-2005	15'			9.1	
N	4-2005	20'			4.7	
N	4-2005	25'			3	

Analyst Notes L – Sample Point L

Analyst Signature Rob Elam

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Client Maralo, LLC

Analyst Rob Elam

Site Humble State #3 Tank Battery

Analyst Notes O – Sample Point O

Analyst Signature

Rob Elam

Attachment C

**Summary of Lab Analytical of Wall
Sample Points, Bottom Sample Points,
Drilling Sample Points and Water Line Sample Points**

Elke Environmental, Inc.

P.O. Box 14167 Odessa, TX 79768

Summary of Lab Analytical

Client Maralo, LLC

Site Humble State #3 Tank Battery

Sample ID	Benzene mg/kg	BTEX mg/kg	TPH 8015M Mg/kg	TPH 418.1 mg/kg	Chloride mg/kg
W1A	ND	ND			
W1B	ND	ND			
W1C	ND	ND			
W1D	ND	ND			
4 pt. Comp. Wall 1			1,230	2,050	27.3
W2A	ND	ND			
W2B	ND	ND			
W2C	ND	ND			
W2D	ND	ND			
4 pt. Comp. Wall 2			27.5	149	24.5
W3A	ND	ND			
W3B	ND	ND			
W3C	ND	ND			
W3D	ND	ND			
4 pt. Comp. Wall 3			27.4	146	25.2
W4A	ND	ND			
W4B	ND	ND			
W4C	ND	ND			
W4D	ND	ND			
4 pt. Comp. Wall 4			ND	89.8	24.1
W5A	ND	ND			
W5B	ND	ND			
W5C	ND	ND			
W5D	ND	ND			

Elke Environmental, Inc.

P.O. Box 14167 Odessa, TX 79768

Summary of Lab Analytical

Client Maralo, LLC

Site Humble State #3 Tank Battery

Sample ID	Benzene Mg/kg	BTEX mg/kg	TPH 8015M mg/kg	TPH 418.1 mg/kg	Chloride mg/kg
4 pt. Comp. Wall 5			ND	54.5	24.7
W6A	ND	ND			
W6B	ND	ND			
W6C	ND	ND			
W6D	ND	ND			
4 pt. Comp. Wall 6			24.1	208	76.5
W7A	ND	ND			
W7B	ND	ND			
W7C	ND	ND			
W7D	ND	ND			
4 pt. Comp. Wall 7			ND	104	32.8
W8A	ND	ND			
W8B	ND	ND			
W8C	ND	ND			
W8D	ND	ND			
4 pt. Comp. Wall 8			ND	113	25.2
W9A	ND	ND			
W9B	ND	ND			
W9C	ND	ND			
W9D	ND	ND			
4 pt. Comp. Wall 9			ND	180	20.5
W10A	ND	ND			
W10B	ND	ND			
W10C	ND	ND			

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Summary of Lab Analytical

Client Maralo, LLC

Site Humble State #3 Tank Battery

Sample ID	Benzene mg/kg	BTEX mg/kg	TPH 8015M mg/kg	TPH 418.1 mg/kg	Chloride mg/kg
W10D	ND	ND			
4 pt. Comp. Wall 10			ND	ND	34.5
W11A	ND	ND			
W11B	ND	ND			
W11C	ND	ND			
W11D	ND	ND			
4 pt. Comp. Wall 11			ND	ND	13.8
W12A	ND	ND			
W12B	ND	ND			
W12C	ND	0.0913			
W12D	ND	0.0403			
4 pt. Comp. Wall 12			ND	ND	12.3
W13A	ND	ND			
W13B	ND	ND			
W13C	ND	ND			
W13D	ND	ND			
4 pt. Comp. Wall 13			ND	ND	14.8
W14A	ND	0.2043			
W14B	ND	ND			
W14C	ND	0.0327			
W14D	ND	ND			
4 pt. Comp. Wall 14			182	938	17.7
W15A	ND	ND			
W15B	ND	0.727			

Elke Environmental, Inc.

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Summary of Lab Analytical

Client Maralo, LLC

Site Humble State #3 Tank Battery

Sample ID	Benzene mg/kg	BTEX mg/kg	TPH 8015M mg/kg	TPH 418.1 mg/kg	Chloride mg/kg
W15C	ND	ND			
W15D	ND	ND			
4 pt. Comp. Wall 15			21.3	68.5	28.3
W16A	ND	ND			
W16B	ND	ND			
W16C	ND	ND			
W16D	ND	ND			
4 pt. Comp. Wall 16			135	316	12.6
W17A	ND	ND			
W17B	ND	ND			
W17C	ND	ND			
W17D	ND	ND			
4 pt. Comp. Wall 17			ND	35	14.6
W18A	ND	ND			
W18B	ND	ND			
W18C	ND	ND			
W18D	ND	ND			
4 pt. Comp. Wall 18			ND	12.5	48
W19A	ND	ND			
W19B	ND	ND			
W19C	ND	ND			
W19D	ND	ND			
4 pt. Comp. Wall 19			ND	181	11.1
W20A	ND	ND			

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Summary of Lab Analytical

Client Maralo, LLC

Site Humble State #3 Tank Battery

Sample ID	Benzene mg/kg	BTEX mg/kg	TPH 8015M mg/kg	TPH 418.1 mg/kg	Chloride mg/kg
W20B	ND	ND			
W20C	ND	ND			
W20D	ND	ND			
4 pt. Comp. Wall 20			ND	ND	12.7
W21A	ND	ND			
W21B	ND	ND			
W21C	ND	ND			
W21D	ND	ND			
4 pt. Comp. Wall 21			ND	ND	12.3
W22A	ND	ND			
W22B	ND	ND			
W22C	ND	ND			
W22D	ND	ND			
4 pt. Comp. Wall 22			ND	160	15.6
W23A	ND	ND			
W23B	ND	ND			
W23C	ND	ND			
W23D	ND	ND			
4 pt. Comp. Wall 23			ND	99.4	14
W24A	ND	ND			
W24B	ND	ND			
W24C	ND	ND			
W24D	ND	ND			
4 pt. Comp. Wall 24			235	441	26.2

Elke Environmental, Inc.

P.O. Box 14167 Odessa, TX 79768

Summary of Lab Analytical

Client Maralo, LLC

Site Humble State #3 Tank Battery

Sample ID	Benzene Mg/kg	BTEX mg/kg	TPH 8015M Mg/kg	TPH 418.1 mg/kg	Chloride mg/kg
W25A	ND	ND			
W25B	ND	ND			
W25C	ND	ND			
W25D	ND	ND			
4 pt. Comp. Wall 25			59.6	122	13.8
W26A	ND	ND			
W26B	ND	ND			
W26C	ND	0.1663			
W26D	ND	ND			
4 pt. Comp. Wall 26			37.5	94	13.3
W27A	ND	ND			
W27B	ND	ND			
W27C	ND	ND			
W27D	ND	ND			
4 pt. Comp. Wall 27			1,160	1,960	42.8
W28A	ND	ND			
W28B	ND	ND			
W28C	ND	ND			
W28D	ND	ND			
4 pt. Comp. Wall 28			ND	ND	28.5
W29A	ND	ND			
W29B	ND	ND			
W29C	ND	ND			
W29D	ND	ND			

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Summary of Lab Analytical

Client Maralo, LLC

Site Humble State #3 Tank Battery

Sample ID	Benzene mg/kg	BTEX mg/kg	TPH 8015M Mg/kg	TPH 418.1 Mg/kg	Chloride mg/kg
4 pt. Comp. Wall 29			ND	53.6	31.8
W30A	ND	ND			
W30B	ND	ND			
W30C	ND	ND			
W30D	ND	ND			
4 pt. Comp. Wall 30			ND	50.2	18.9
W31A	ND	ND			
W31B	ND	ND			
W31C	ND	ND			
W31D	ND	ND			
4 pt. Comp. Wall 31			ND	52.7	13.5
W32A	ND	ND			
W32B	ND	ND			
W32C	ND	ND			
W32D	ND	ND			
4 pt. Comp. Wall 32			ND	50.7	68
W33A	ND	ND			
W33B	ND	ND			
W33C	ND	ND			
W33D	ND	ND			
4 pt. Comp. Wall 33			ND	60.5	15
W34A	ND	ND			
W34B	ND	ND			
W34C	ND	ND			

Elke Environmental, Inc.

P.O. Box 14167 Odessa, TX 79768

Summary of Lab Analytical

Client Maralo, LLC

Site Humble State #3 Tank Battery

Sample ID	Benzene mg/kg	BTEX Mg/kg	TPH 8015M Mg/kg	TPH 418.1 Mg/kg	Chloride mg/kg
W34D	ND	ND			
4 pt. Comp. Wall 34			ND	62.6	18.2
W35A	ND	ND			
W35B	ND	ND			
W35C	ND	ND			
W35D	ND	ND			
4 pt. Comp. Wall 35			ND	88.6	37.7
W36A	ND	ND			
W36B	ND	ND			
W36C	ND	ND			
W36D	ND	ND			
4 pt. Comp. Wall 36			ND	84.9	12.1
W37A	ND	ND			
W37B	ND	ND			
W37C	ND	ND			
W37D	ND	ND			
4 pt. Comp. Wall 37			34.7	191	35.3
W38A	ND	ND			
W38B	ND	ND			
W38C	ND	ND			
W38D	ND	ND			
4 pt. Comp. Wall 38			398	1,440	14
W39A	ND	ND			
W39B	ND	ND			

Elke Environmental, Inc.

P.O. Box 14167 Odessa, TX 79768

Summary of Lab Analytical

Client Maralo, LLC

Site Humble State #3 Tank Battery

Sample ID	Benzene mg/kg	BTEX Mg/kg	TPH 8015M Mg/kg	TPH 418.1 Mg/kg	Chloride mg/kg
W39C	ND	ND			
W39D	ND	ND			
4 pt. Comp. Wall 39			201	736	13.2
W40A	ND	ND			
W40B	ND	ND			
W40C	ND	ND			
W40D	ND	ND			
4 pt. Comp. Wall 40			ND	95.2	12.9
W41A	ND	ND			
W41B	ND	ND			
W41C	ND	ND			
W41D	ND	ND			
4 pt. Comp. Wall 41			11.3	220	12.4
W42A	ND	ND			
W42B	ND	ND			
W42C	ND	ND			
W42D	ND	ND			
4 pt. Comp. Wall 42			ND	88.4	14.0
W43A	ND	ND			
W43B	ND	0.0278			
W43C	ND	0.0632			
W43D	ND	ND			
4 pt. Comp. Wall 43			107	262	ND
W44A	ND	ND			

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Client Maralo, LLC

Site Humble State #3 Tank Battery

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P.O. Box 14167 Odessa, TX 79768

Summary of Lab Analytical

Client Maralo, LLC

Site Humble State #3 Tank Battery

Sample ID	Benzene mg/kg	BTEX mg/kg	TPH 8015M Mg/kg	TPH 418.1 mg/kg	Chloride mg/kg
B1A	ND	ND	58.7	267	25.5
B1B	ND	ND	43.8	187	28.6
B1C	ND	ND	ND	43.8	55.4
B1D	ND	ND	695	915	25.5
B1E	ND	ND	ND	46.9	34.4
B2A	ND	ND	43.1	159	25.9
B2B	ND	ND	1,320	1,820	57.1
B2C	ND	ND	109	326	53.8
B2D	ND	ND	123	261	57.3
B2E	ND	ND	19.1	116	24.3
B3A	ND	0.0348	11,400	17,400	32.9
B3B	ND	0.1329	1,380	20,000	14.6
B3C	ND	ND	11,400	17,800	24.2
B3D	ND	0.1292	13,100	22,800	38.8
B3E	ND	0.1020	536	12,700	11.8
B4A	ND	ND	132	765	14.7
B4B	ND	ND	119	335	30.9
B4C	ND	ND	634	1,200	41.6
B4D	ND	ND	120	320	28.2
B4E	ND	ND	10.3	112	48.2
B5A	ND	ND	2,390	5,790	15.2
B5B	ND	ND	235	603	12.9
B5C	ND	ND	63.4	378	113
B5D	ND	ND	40.1	83.3	37.8

Elke Environmental, Inc.

P.O. Box 14167 Odessa, TX 79768

Summary of Lab Analytical**Client** Maralo, LLC**Site** Humble State #3 Tank Battery

Sample ID	Benzene Mg/kg	BTEX mg/kg	TPH 8015M Mg/kg	TPH 418.1 Mg/kg	Chloride mg/kg
B5E	ND	ND	ND	66.6	14.2
B6A	ND	ND	ND	67.4	532
B6B	ND	ND	ND	28.0	16.1
B6C	ND	ND	5,280	15,900	16.7
B6D	ND	ND	218	652	16.0
B6E	ND	ND	ND	51.0	205
B7A	ND	ND	1,000	2,380	14.6
B7B	ND	ND	17.3	78.7	11.7
B7C	ND	ND	1,010	1,910	13.7
B7D	ND	ND	2,600	3,490	13.4
B7E	ND	ND	737	2,060	12.2
B8A	ND	ND	263	3,900	22.3
B8B	ND	ND	5,380	14,600	17.4
B8C	ND	ND	90.1	313	17.2
B8D	ND	ND	324	1,710	12.4
B8E	ND	0.2030	20,300	27,800	28.1
B9A	ND	ND	23.8	107	90.2
B9B	ND	1.2238	11,700	23,200	12
B9C	ND	ND	6,780	10,800	80.7
B9D	ND	ND	ND	27.3	14.8
B9E	ND	0.7935	5,500	16,000	13.4
B10A	ND	ND	ND	56.0	19.8
B10B	ND	ND	ND	41.8	13.3
B10C	ND	ND	55.3	176	58.9

Elke Environmental, Inc.

P.O. Box 14167 Odessa, TX 79768

Summary of Lab Analytical

Client Maralo, LLC

Site Humble State #3 Tank Battery

Sample ID	Benzene mg/kg	BTEX mg/kg	TPH 8015M mg/kg	TPH 418.1 mg/kg	Chloride mg/kg
B10D	ND	ND	ND	ND	12.2
B10E	ND	ND	ND	53.7	12.4
B11A	ND	ND	ND	14.6	20.0
B11B	ND	ND	757	2,290	20.7
B11C	ND	ND	95.7	138	12.0
B11D	ND	ND	ND	80.0	11.2
B11E	ND	0.2652	4,900	11,500	17.1
B12A	ND	ND	432	665	33.2
B12B	ND	ND	ND	48.3	12.0
B12C	ND	ND	ND	91.7	22.5
B12D	ND	ND	ND	149	12.2
B12E	ND	ND	ND	222	12.8
B13A	ND	ND	163	617	32.0
B13B	ND	ND	1,340	2,660	22.2
B13C	ND	ND	3,060	5,530	18.6
B13D	ND	ND	2,150	4,810	24.8
B13E	ND	ND	2,960	5,060	24.2
B14A	ND	ND	818	1,880	37.1
B14B	ND	ND	2,900	10,500	16.3
B14C	ND	ND	523	1,270	28.6
B14D	ND	ND	1,790	9,980	25.7
B14E	ND	ND	ND	ND	11.5
B15A	ND	ND	128	202	23.0
B15B	ND	ND	358	702	14.4

Elke Environmental, Inc.

P.O. Box 14167 Odessa, TX 79768

Summary of Lab Analytical

Client Maralo, LLC

Site Humble State #3 Tank Battery

Sample ID	Benzene mg/kg	BTEX mg/kg	TPH 8015M mg/kg	TPH 418.1 mg/kg	Chloride mg/kg
B15C	ND	ND	ND	84.0	13.5
B15D	ND	ND	622	1,050	31.4
B15E	ND	0.0264	10,900	20,000	60.7
B16A	ND	ND	6,360	12,400	28.9
B16B	ND	0.8229	6,020	14,400	13.8
B16C	ND	ND	44.3	136	96.1
B16D	ND	ND	399	742	58.7
B16E	ND	ND	4,210	8,070	25.9
B17A	ND	19.551	12,700	32,500	29.2
B17B	ND	ND	47.6	153	56.3
B17C	ND	.9320	4,010	10,400	17.4
B17D	ND	ND	267	836	28.6
B17E	ND	ND	1,150	1,250	35.9
B18A	ND	ND	6,360	18,200	225
B18B	ND	ND	1,070	1,590	42.2
B18C	ND	ND	699	1,190	33.0
B18D	ND	ND	120	401	162
B18E	ND	ND	587	1,490	135
B19A	ND	0.0908	14,700	37,800	963
B19B	ND	ND	149	369	107
B19C	ND	0.5754	6,860	12,300	304
B19D	ND	0.1864	8,180	25,100	213
B19E	ND	0.1785	16,100	52,800	64.6
B20A	ND	ND	ND	164	25.9

Elke Environmental, Inc.

P.O. Box 14167 Odessa, TX 79768

Summary of Lab AnalyticalClient Maralo, LLCSite Humble State #3 Tank Battery

Sample ID	Benzene Mg/kg	BTEX mg/kg	TPH 8015M mg/kg	TPH 418.1 mg/kg	Chloride mg/kg
B20B	ND	ND	ND	90.7	13.0
B20C	ND	ND	39.7	145	14.6
B20D	ND	ND	ND	75.5	12.7
B20E	ND	ND	7,600	18,800	27.5
B21A	ND	ND	34.1	152	21.3
B21B	ND	ND	93.9	308	ND
B21C	ND	ND	174	269	138
B21D	ND	ND	ND	12.9	ND
B21E	ND	ND	5,770	9,430	ND
B22A	ND	ND	110	126	15.1
B22B	ND	ND	ND	106	12.7
B22C	ND	ND	153	329	13.3
B22D	ND	ND	207	333	14.8
B22E	ND	ND	ND	ND	12.4
A @ 25'			146		24.6
B @ 30'			104		35.5
B @ 40'			155		45.1
C @ 50'			419		40.1
D @ 30'			ND		16.1
E @ 40'			7,290		65.3
E @ 50'			505		52.7
F @ 30'			184		93.9
G @ 30'			159		180

Elke Environmental, Inc.

P.O. Box 14167 Odessa, TX 79768

Summary of Lab Analytical

Client Maralo, LLC

Site Humble State #3 Tank Battery

Sample ID	Benzene Mg/kg	BTEX mg/kg	TPH 8015M mg/kg	TPH 418.1 mg/kg	Chloride mg/kg
H @ 30'			ND		37.7
I @ 30'			563		33.2
I @ 60'			ND		42.9
J @ 60'			3,600		175
J @ 70'			173		209
K @ 40'			215		220
L @ 30'			ND		106
Shell A#1 M @ 25'			ND		899
Shell A#1 N @ 25'			ND		662
Humble State #3 O @ 20'			ND		467
Backfill @ 11'	ND	ND	ND		ND

Sample ID	Mercury	Chromium	Arsenic	Selenium	Silver
Backfill @ 11'	ND	ND	ND	ND	ND

Sample ID	Cadmium	Barium	Lead		
Backfill @ 11'	ND	0.0229	ND		

Backfill @ 11' is the soil that was excavated from the P & A wells and backfilled in the bottom of the Tank Battery Site excavation.
The sample was analyzed using EPA Method 1312 SPLP, then the analysis shown above.

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Client Maralo, LLC

Site Humble State #3 Tank Battery

[illegible]

Elke Environmental, Inc.

P.O. Box 14167 Odessa, TX 79768

Summary of Lab Analytical

Client Maralo, LLC

Site Humble State #3 Tank Battery

Sample ID	Mercury ug/kg	Arsenic mg/kg	Barium mg/kg	Cadmium mg/kg	Chromium mg/kg	Lead mg/kg	Selenium Mg/kg	Silver Mg/kg
WL1 @ 2'	ND	0.301	12.6	ND	2.02	1.57	ND	ND
WL1 @ 4'	ND	0.293	8.67	ND	1.97	1.56	ND	ND
WL1 @ 8'	ND	0.922	23.4	ND	3.31	2.65	ND	ND
WL2 @ 2'	ND	0.526	14.7	ND	2.51	1.85	ND	ND
WL2 @ 4'	ND	1.29	28.2	ND	5.08	3.32	ND	ND
WL2 @ 8'	ND	1.25	35.2	ND	4.30	3.26	ND	ND
WL3 @ 2'	ND	0.549	16.4	ND	2.68	2.08	ND	ND
WL3 @ 4'	ND	1.67	36.6	ND	5.77	3.73	ND	ND
WL3 @ 8'	ND	1.25	85.8	ND	3.17	1.88	ND	ND
WL4 @ 2'	ND	0.452	12.4	ND	2.43	2.02	ND	ND
WL4 @ 4'	ND	0.485	14.6	ND	2.26	1.79	ND	ND
WL4 @ 8'	ND	1.12	24.3	ND	3.04	2.79	ND	ND
Background 1 @ 4'	ND	7.92	43.9	0.800	5.94	ND	ND	ND
Background 1 @ 8'	ND	ND	30.8	1.16	11.8	ND	ND	ND
Background 2 @ 1'	ND	ND	9.42	0.580	0.650	ND	ND	2.16

Attachment D

Pictures of Site Before Excavation



North facing South at Test Points A, B, and E before excavation



West facing East at Test Point E before excavation



South facing North at Test Points L and F before excavation



South facing North between Test Points G and H before excavation



South facing North at Test Points I, J and K before excavation



North facing South at Test Points K, J and I before excavation



West facing East at contamination West of Test Point P



West facing East at Test Point P before excavation

Attachment E

Pictures of Site During Excavation



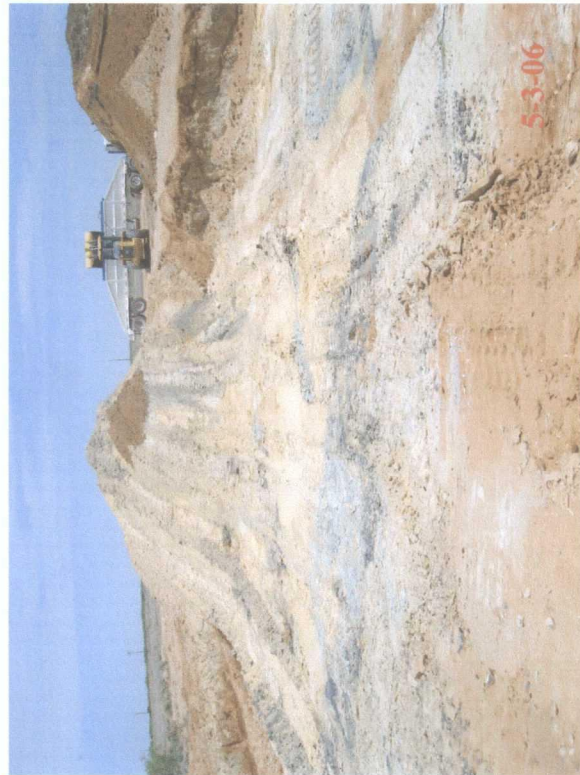
Dozer excavating contaminated soil at Test Point F at 2' deep



South facing North at Test Point G at 4' deep



South facing North at Test Point E at 8' deep



South facing North at Test Point H at 5' deep



Dozer excavating contaminated soil at Test Point F at 6' deep



Dozer and Trackhoe excavating contaminated soil between Test Point H and G



South facing North at Test Point P at 5' deep



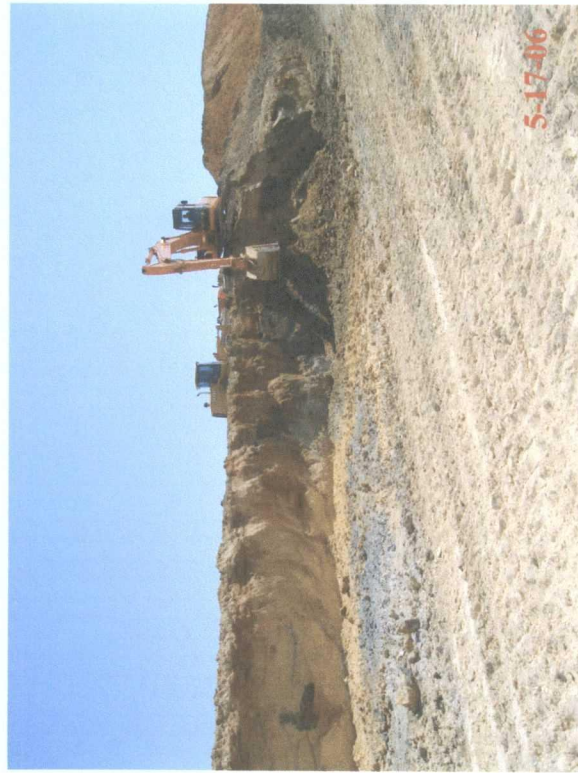
Dozer and Trackhoe excavating contaminated soil North of Test Point G



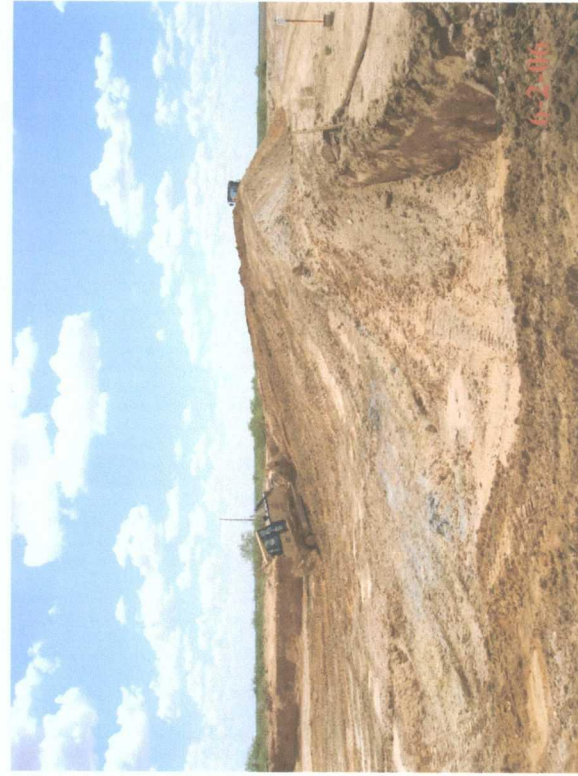
Trackhoe excavating contaminated soil on South wall of Test Point E



North facing South at Test Point J at 4' deep



Trackhoe excavating contaminated soil on North wall of Test Point G



East facing West at Test Point A with dozer pushing contaminated soil



South facing North at Test Points J and K



West facing East at vein East of Test Point B



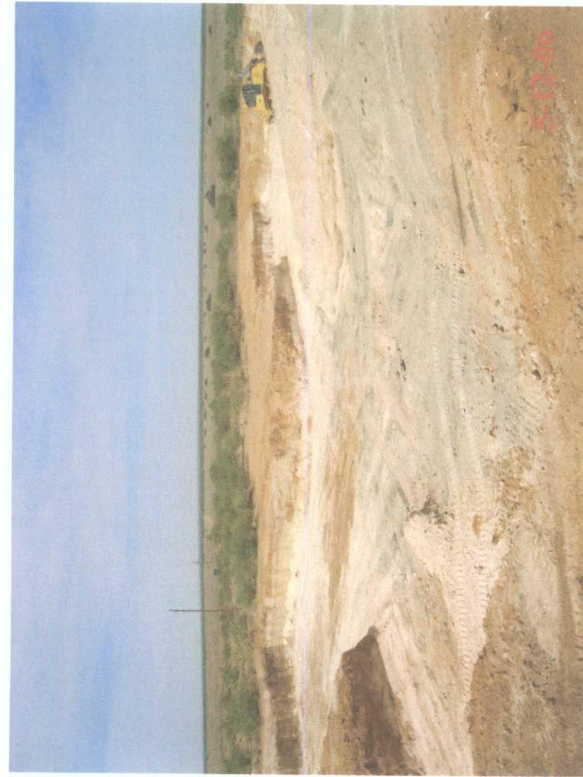
Dozer excavating contaminated soil at Humble State #3 well



South facing North at Shell A-1 well at 4' deep



North facing South at Southeast section of excavation



Northeast facing Southwest at Southwest section of excavation



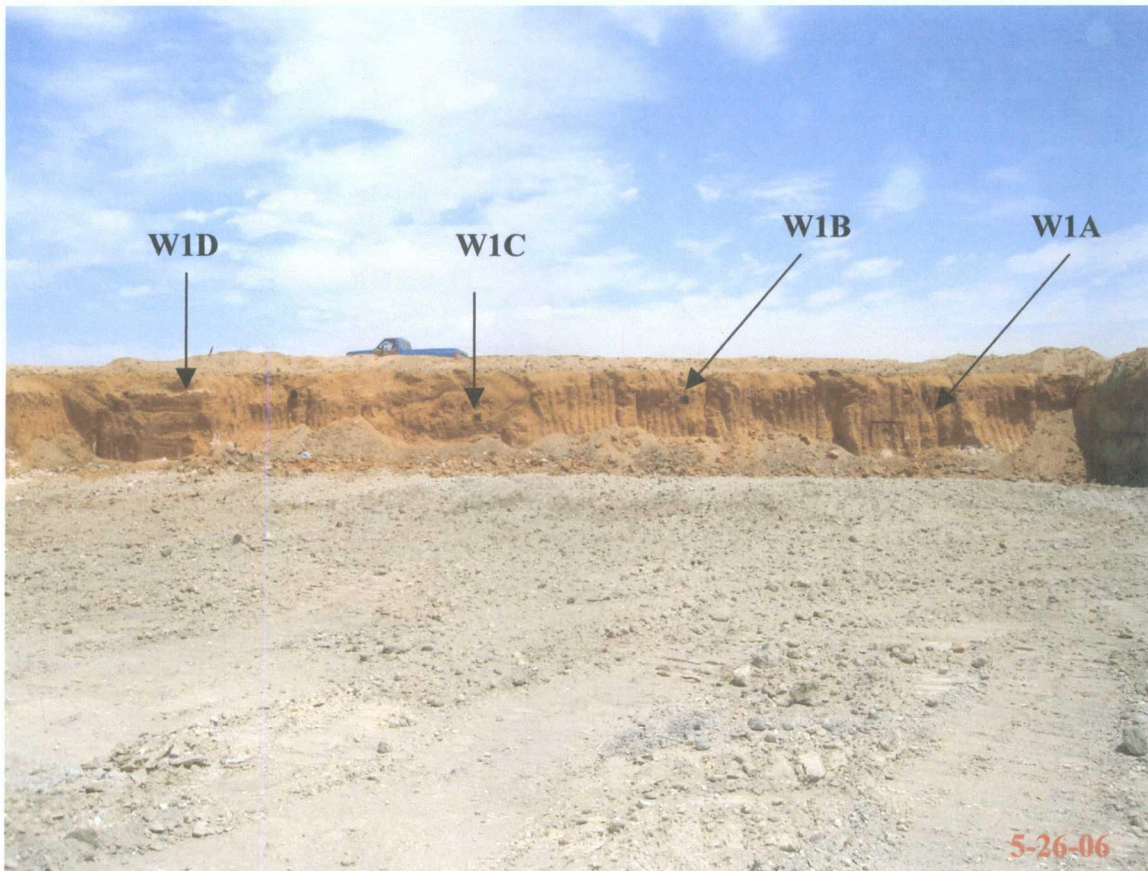
North facing South at Southeast section of excavation



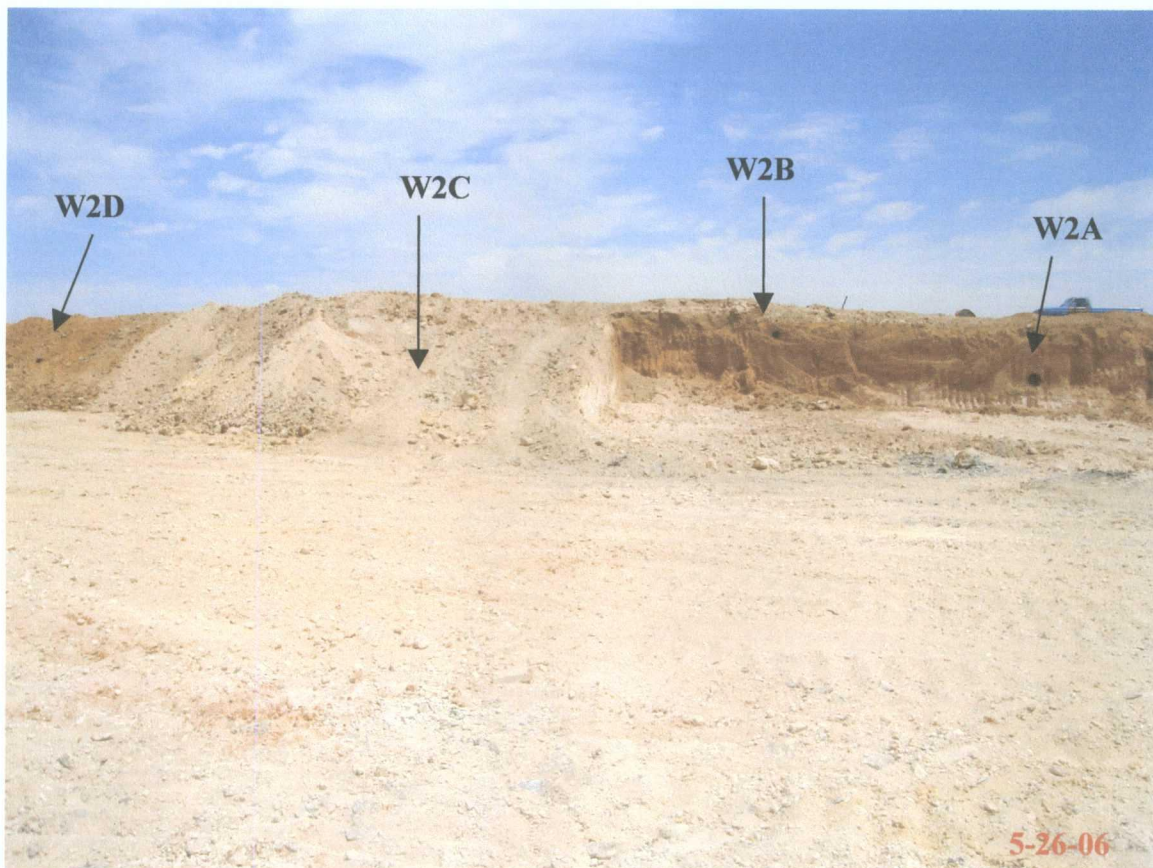
Northeast facing Southwest at Southwest section of excavation

Attachment F

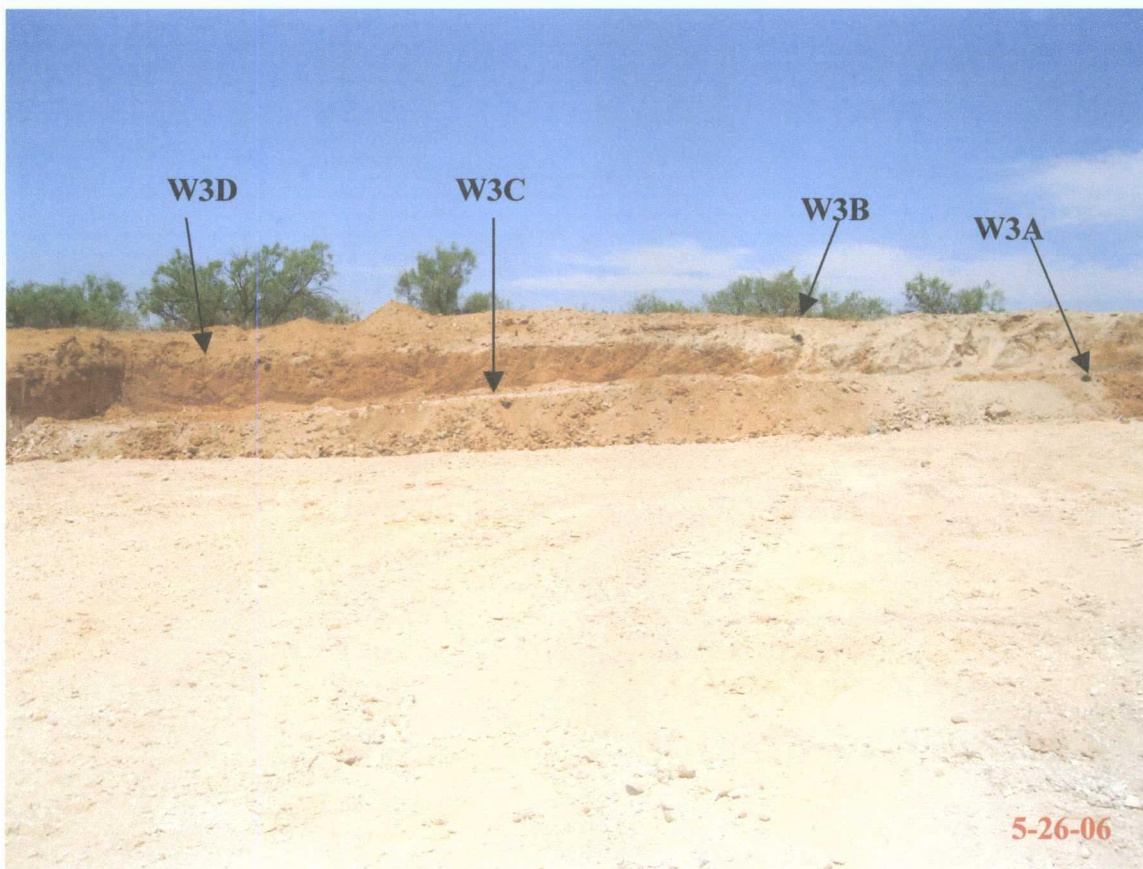
Pictures of Walls and Sample Points After Excavation



Sample Points of Wall 1 (North wall of Test Point G & F)



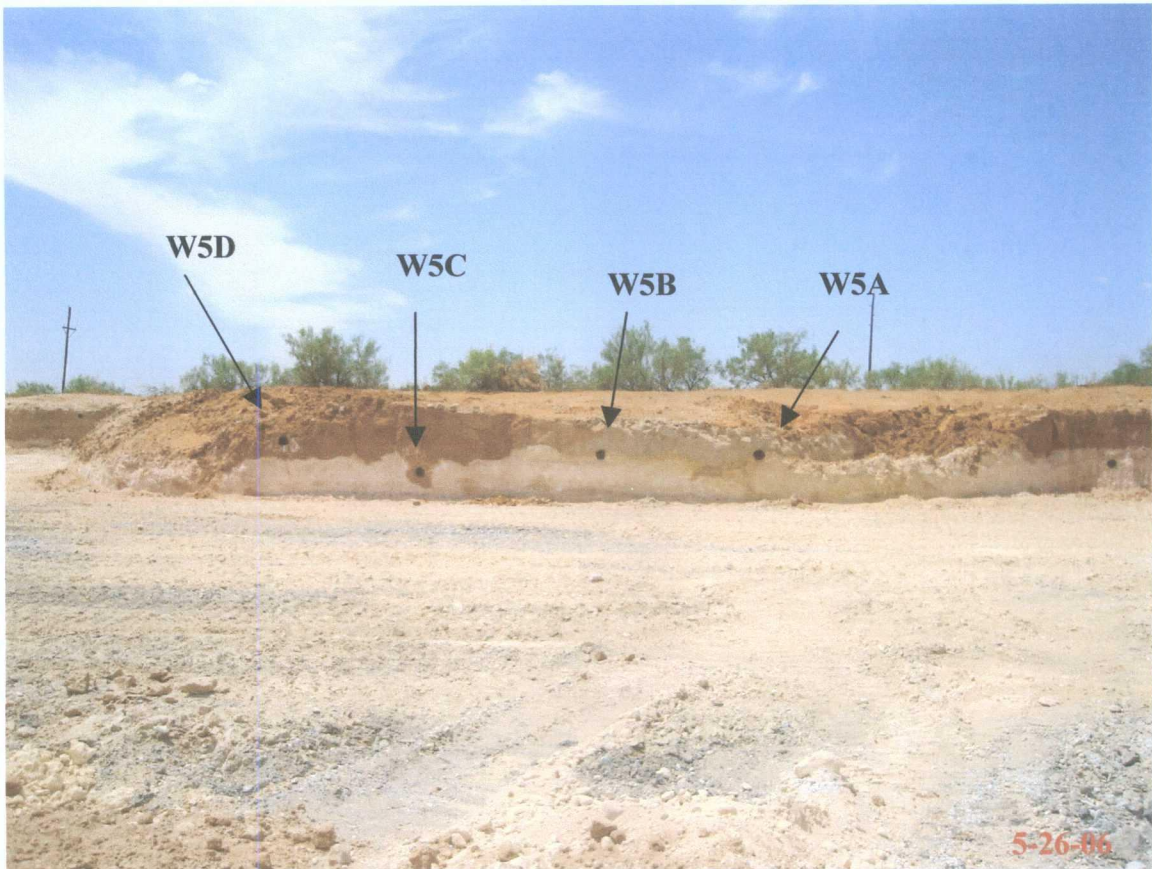
Sample Points of Wall 2 (North wall of Test Point H)



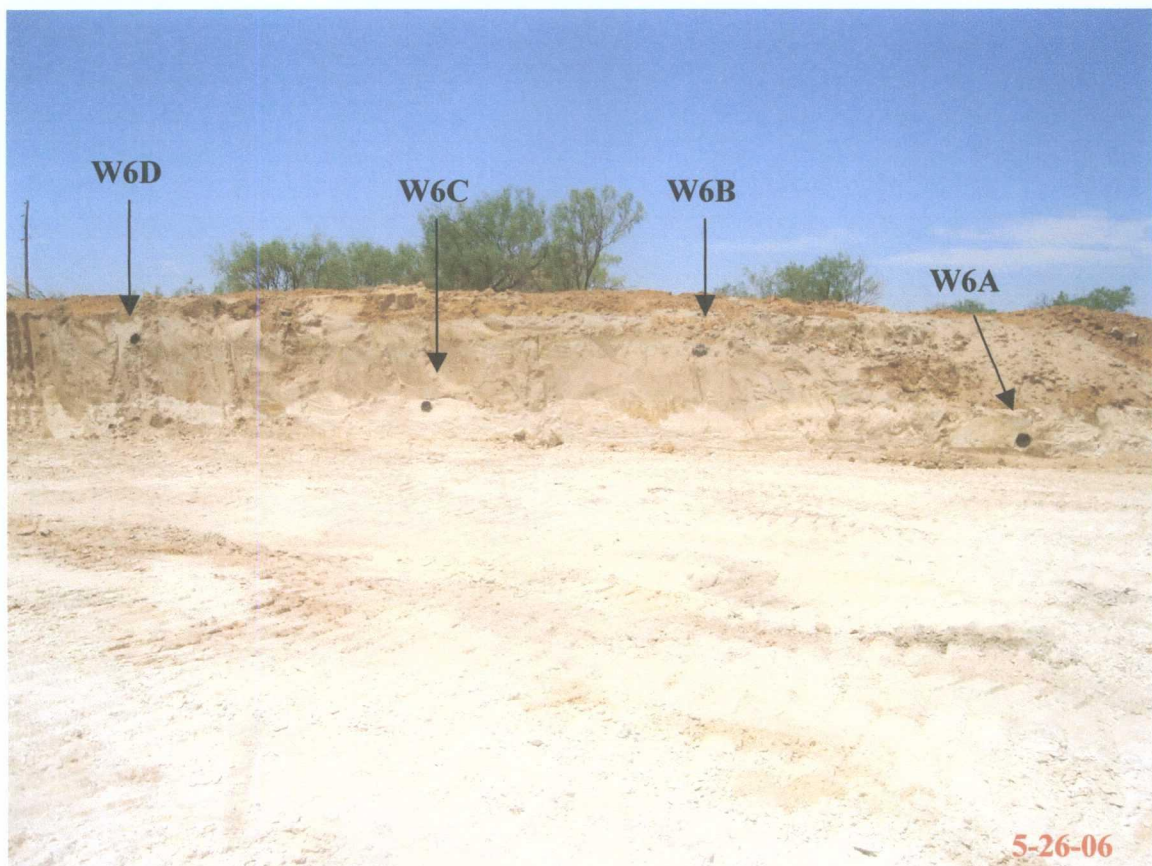
Sample Points of Wall 3 (West wall of Test Point H)



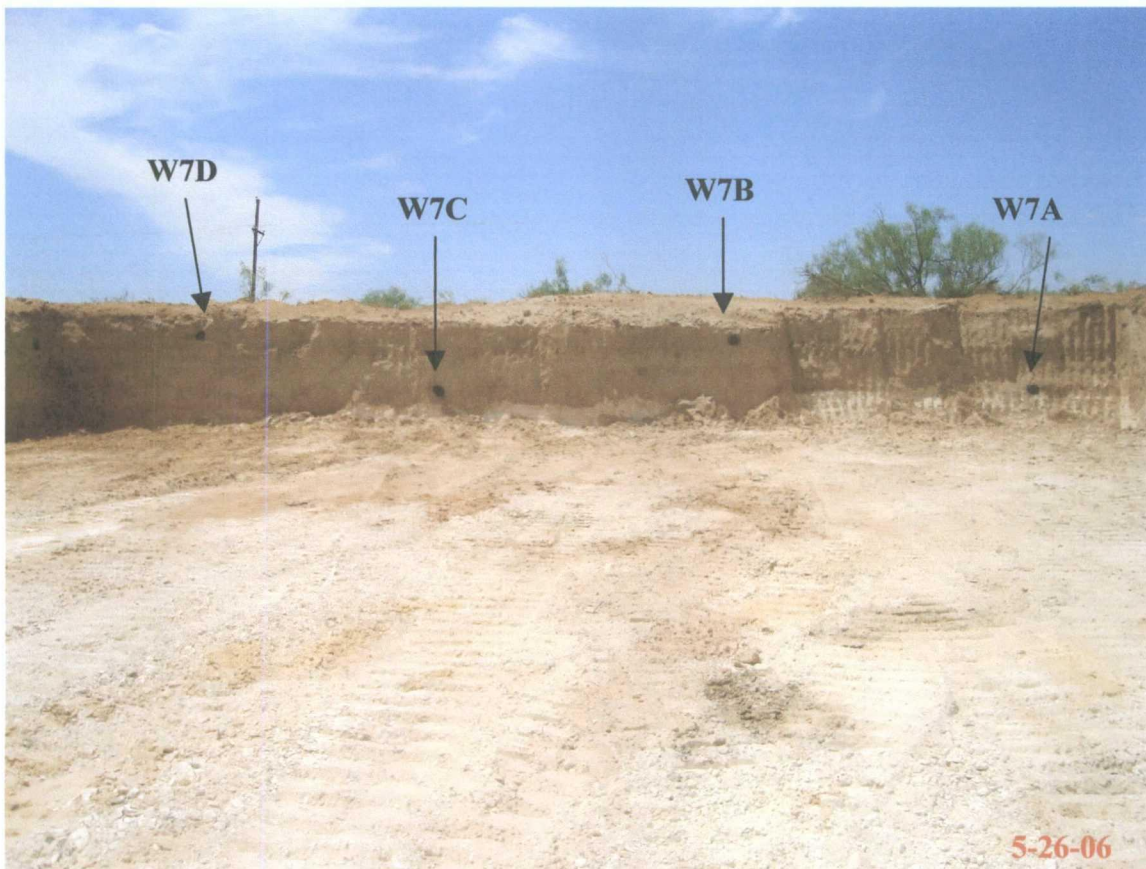
Sample Points of Wall 4 (South wall of Test Point H)



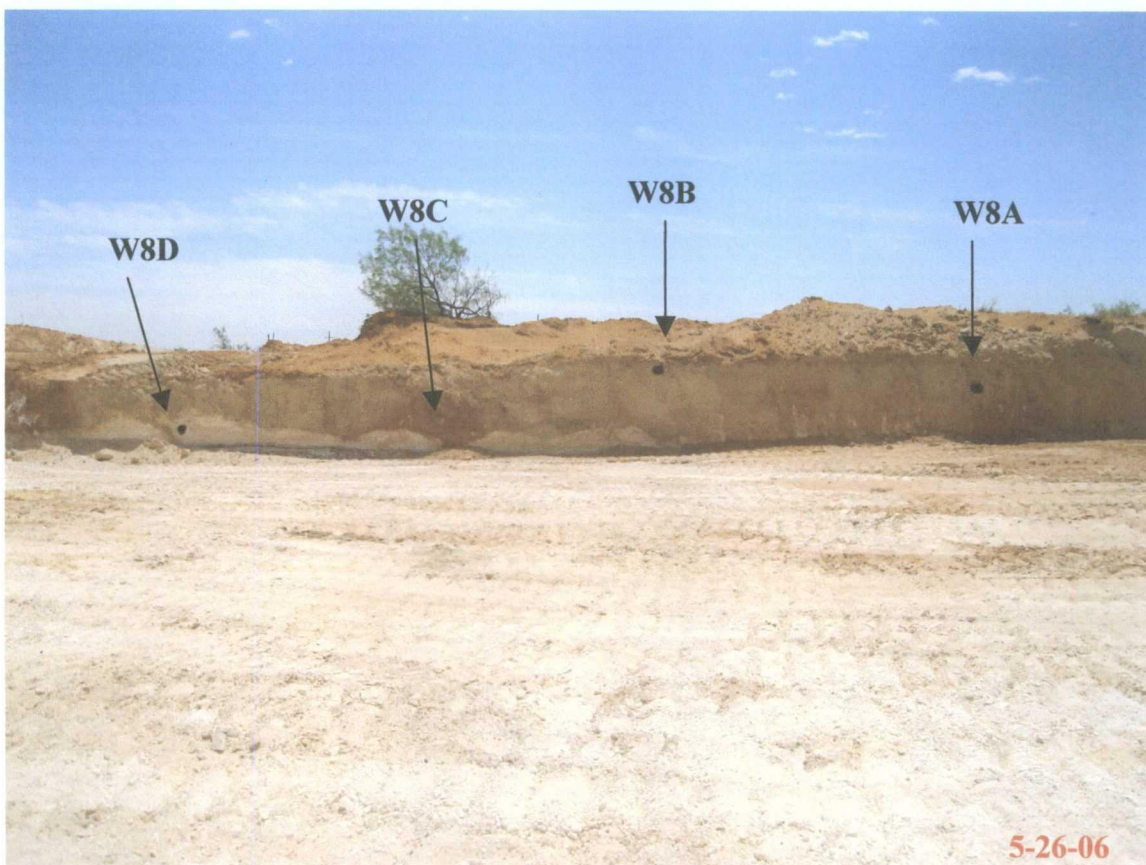
Sample Points of Wall 5 (South wall between Test Point H & G)



Sample Points of Wall 6 (West wall of Test Point L)



Sample Points of Wall 7 (South wall of Test Point L)



Sample Points of Wall 8 (East wall of Test Point L)



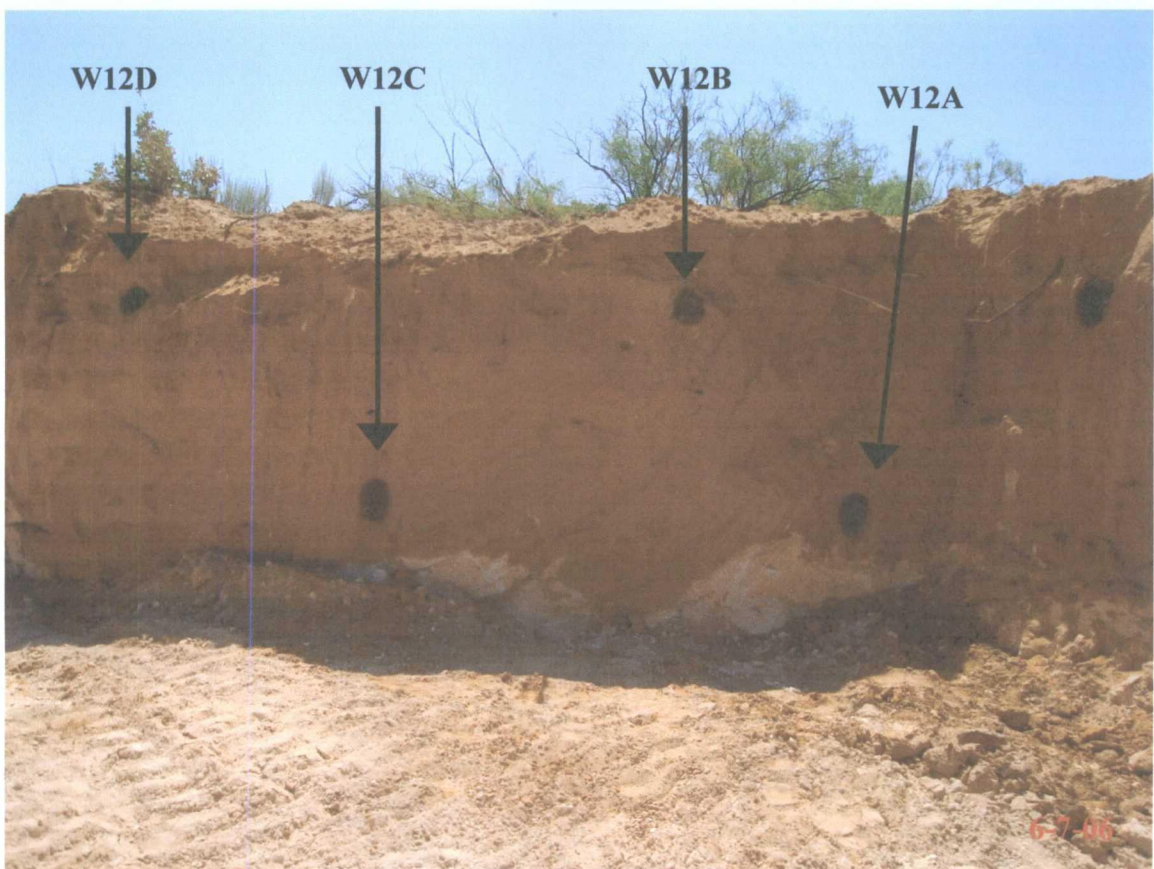
Sample Points of Wall 9 (South wall between Test Points F & D)



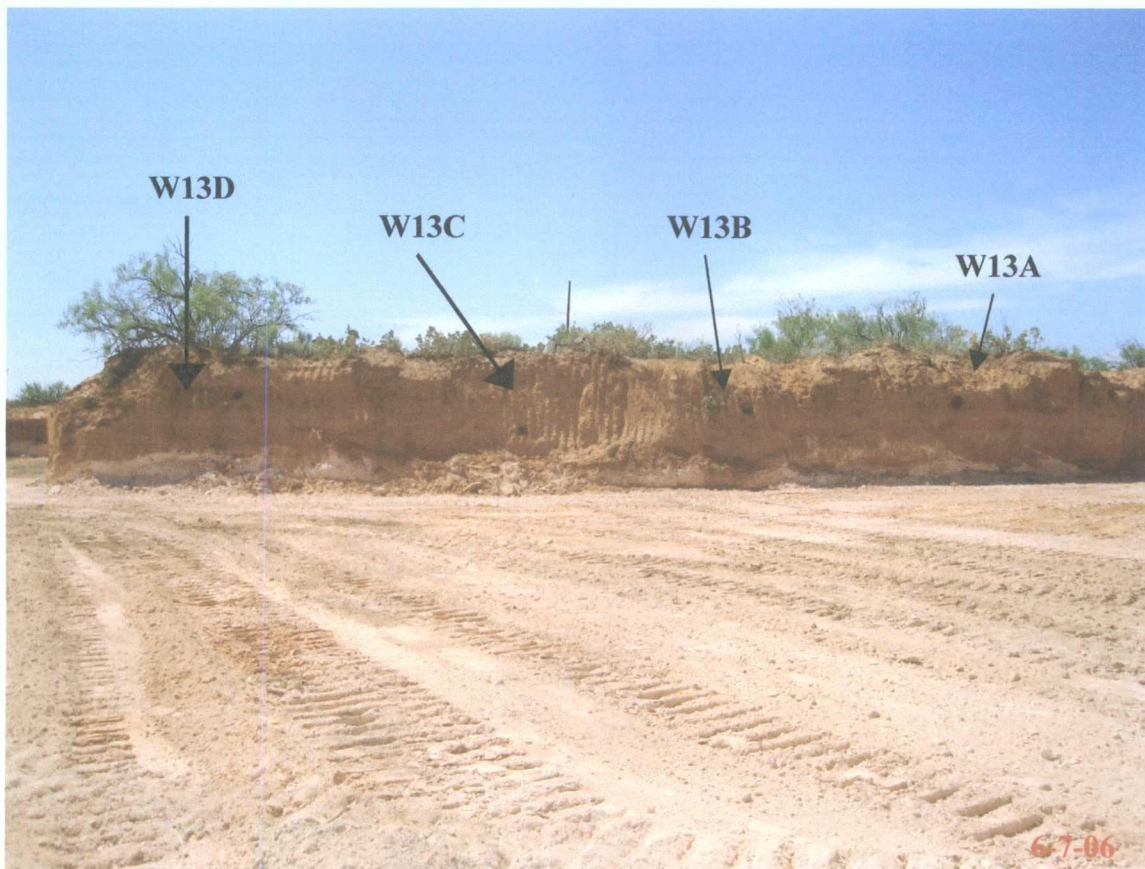
Sample Points of Wall 10 (West wall of Test Point D)



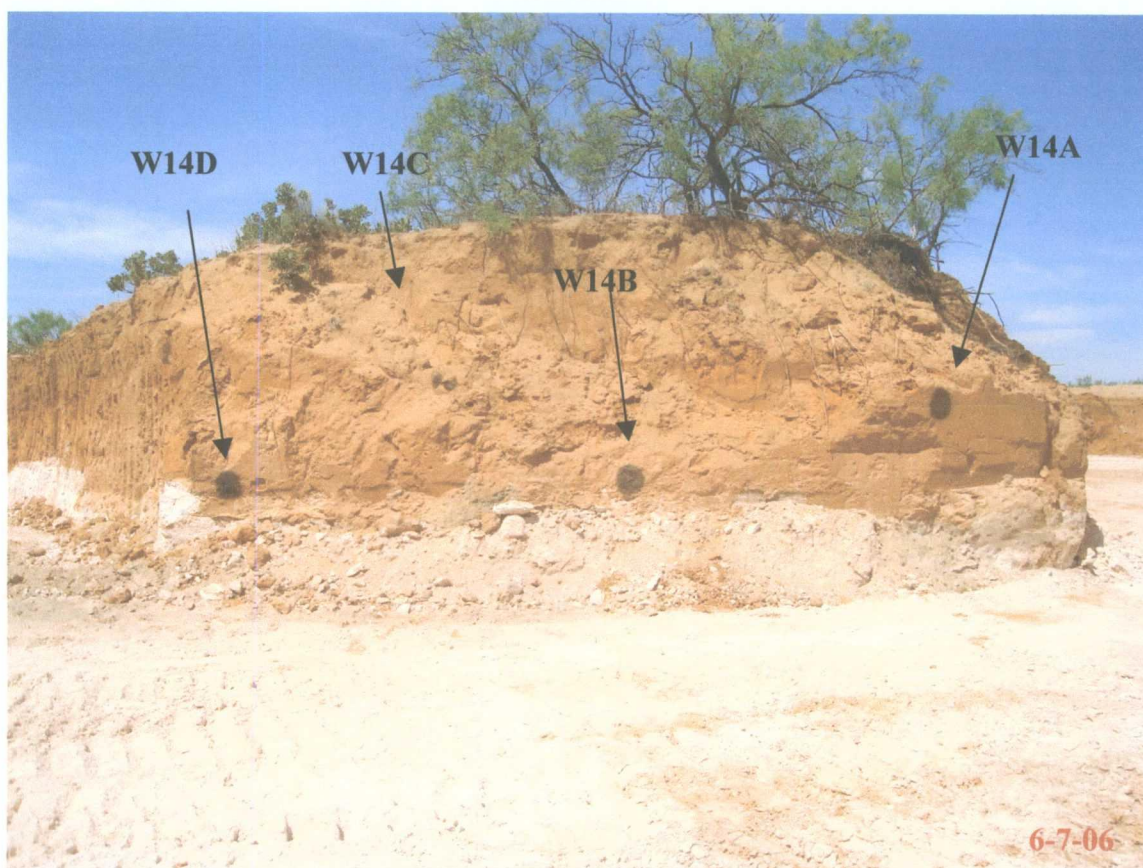
Sample Points of Wall 11 (South wall of Test Point D)



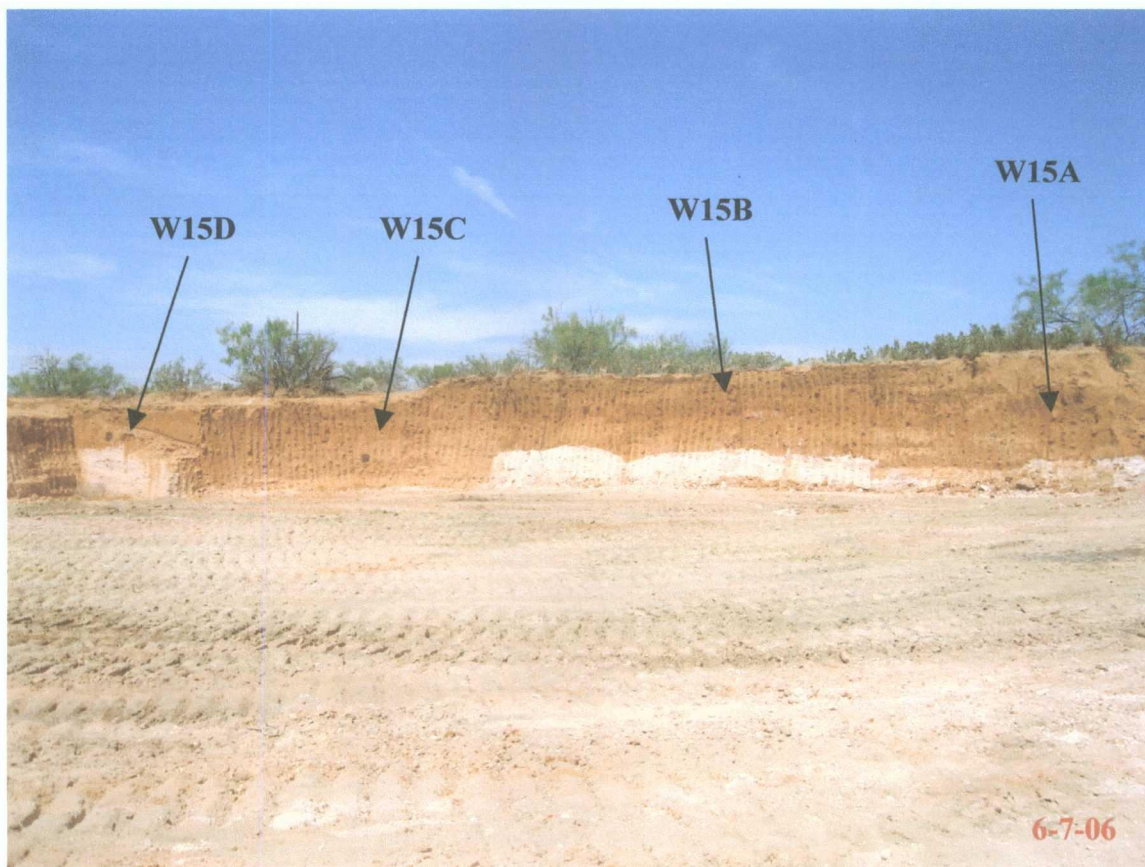
Sample Points of Wall 12



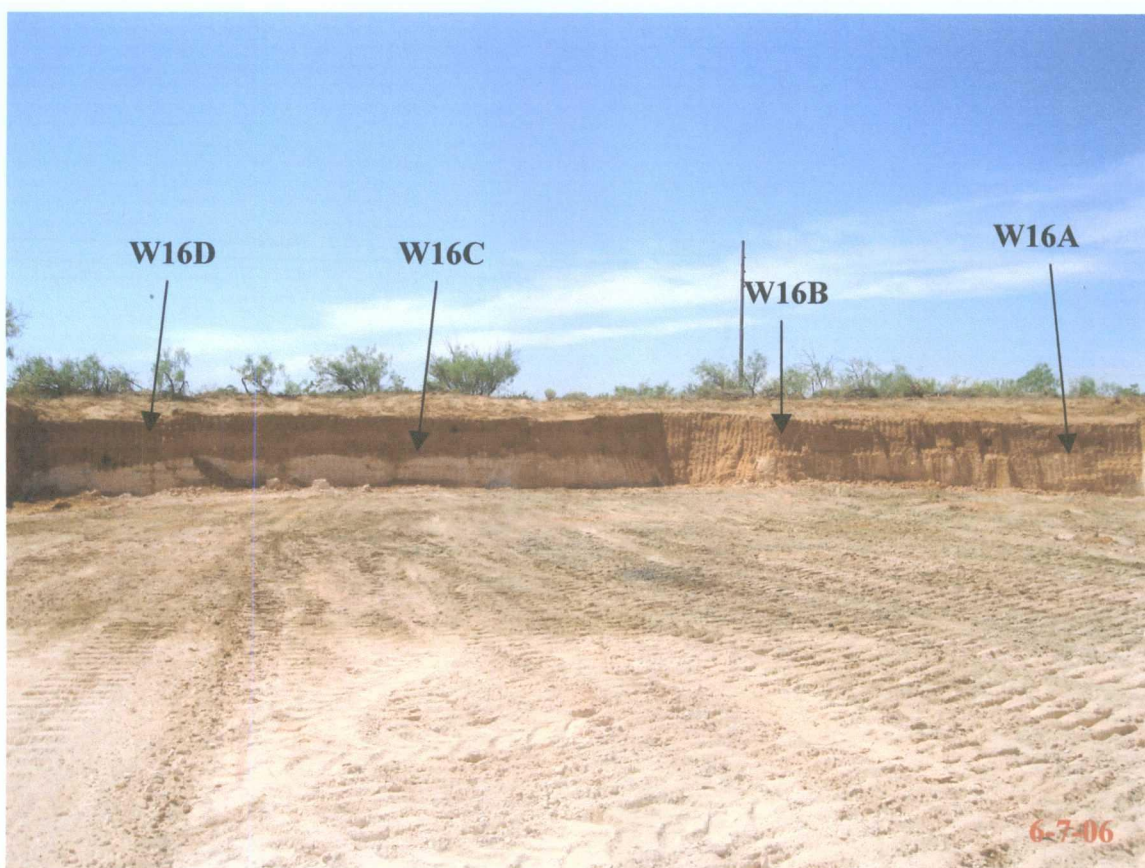
Sample Points of Wall 13 (South wall of Test Point C)



Sample Points of Wall 14 (West wall between Test Points B & E)



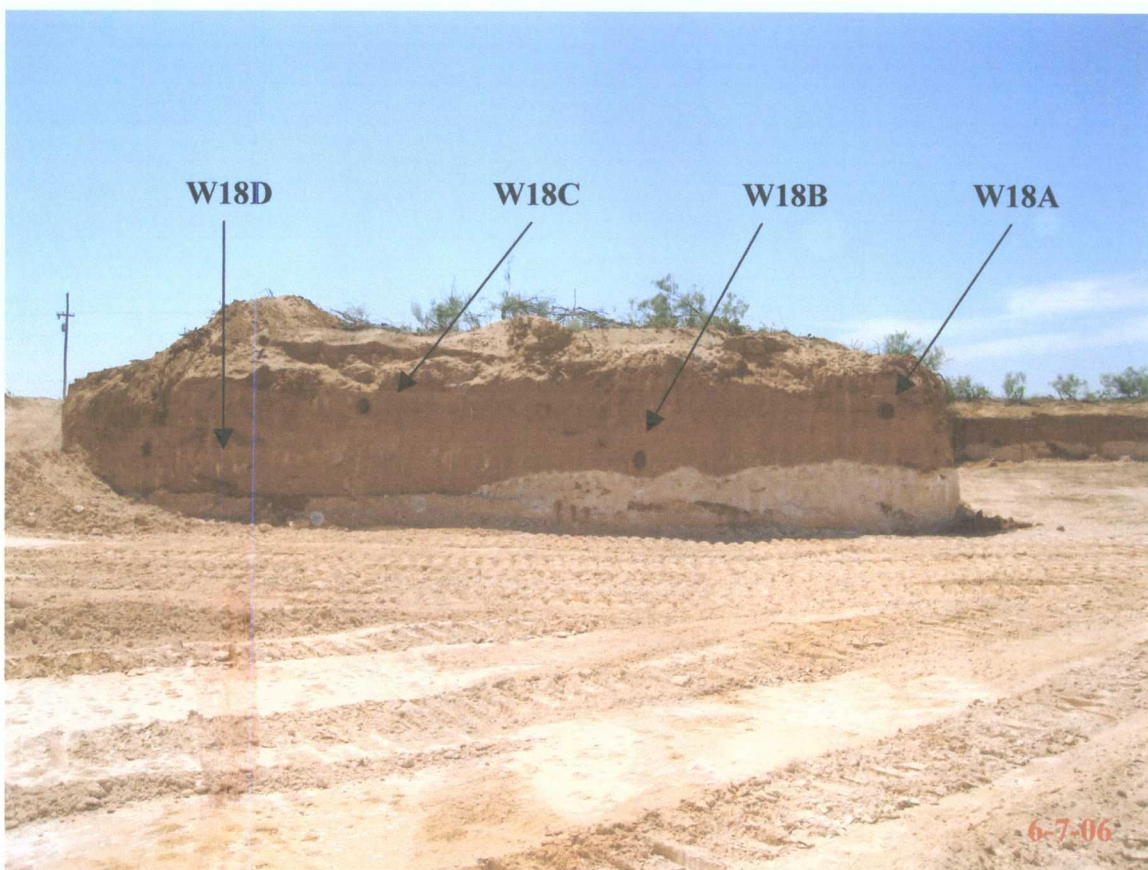
Sample Points of Wall 15 (West wall of Test Point E)



Sample Points of Wall 16 (South wall of Test Point E)



Sample Points of Wall 17 (East wall of Test Point E)



Sample Points of Wall 18 (Southeast wall of Test Point B)



Sample Points of Wall 19



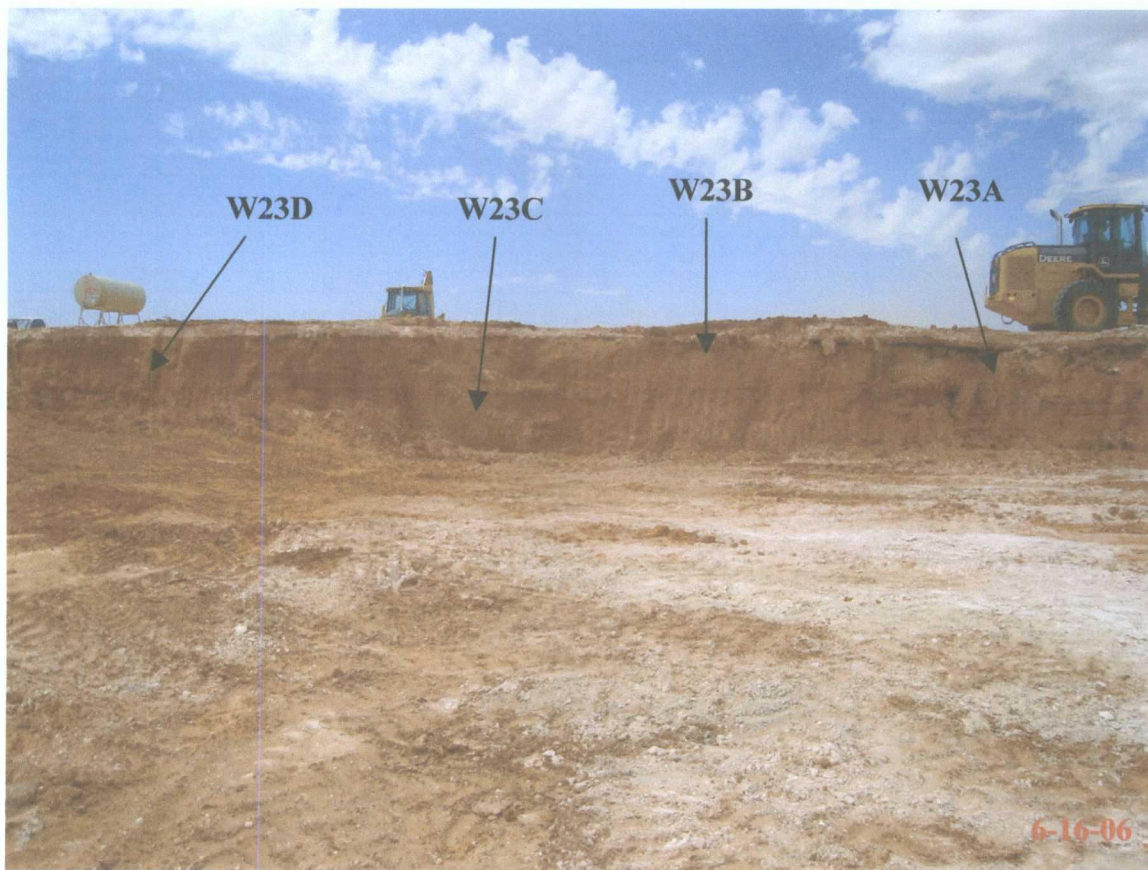
Sample Points Wall 20



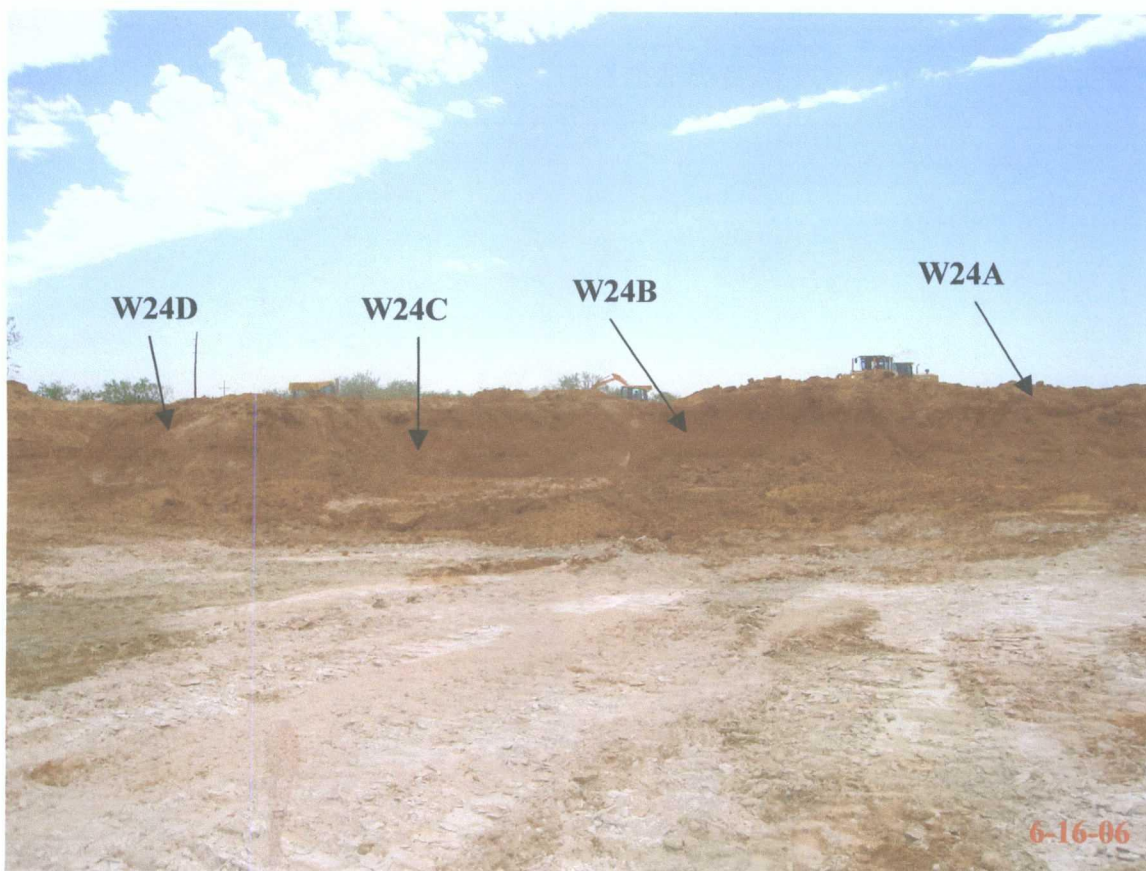
Sample Points of Wall 21 (East wall of Test Point A)



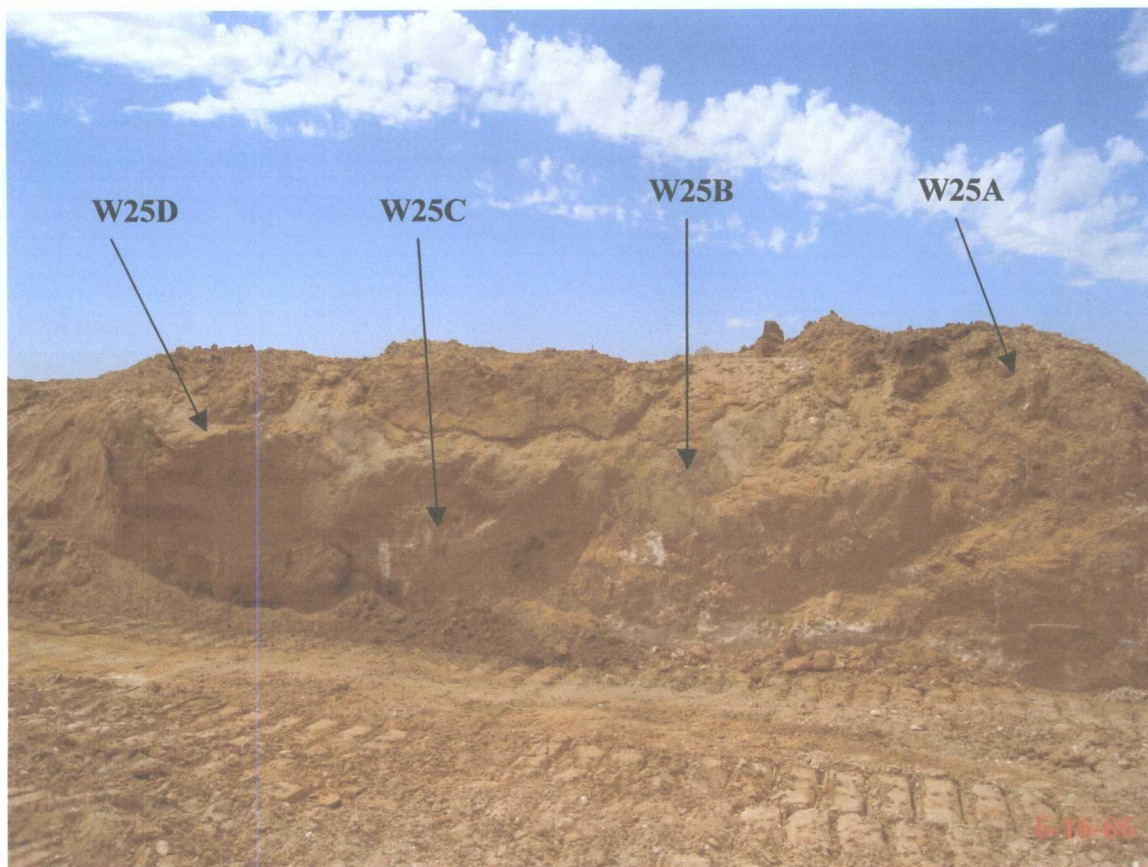
Sample Points of Wall 22 (North wall of Test Point C)



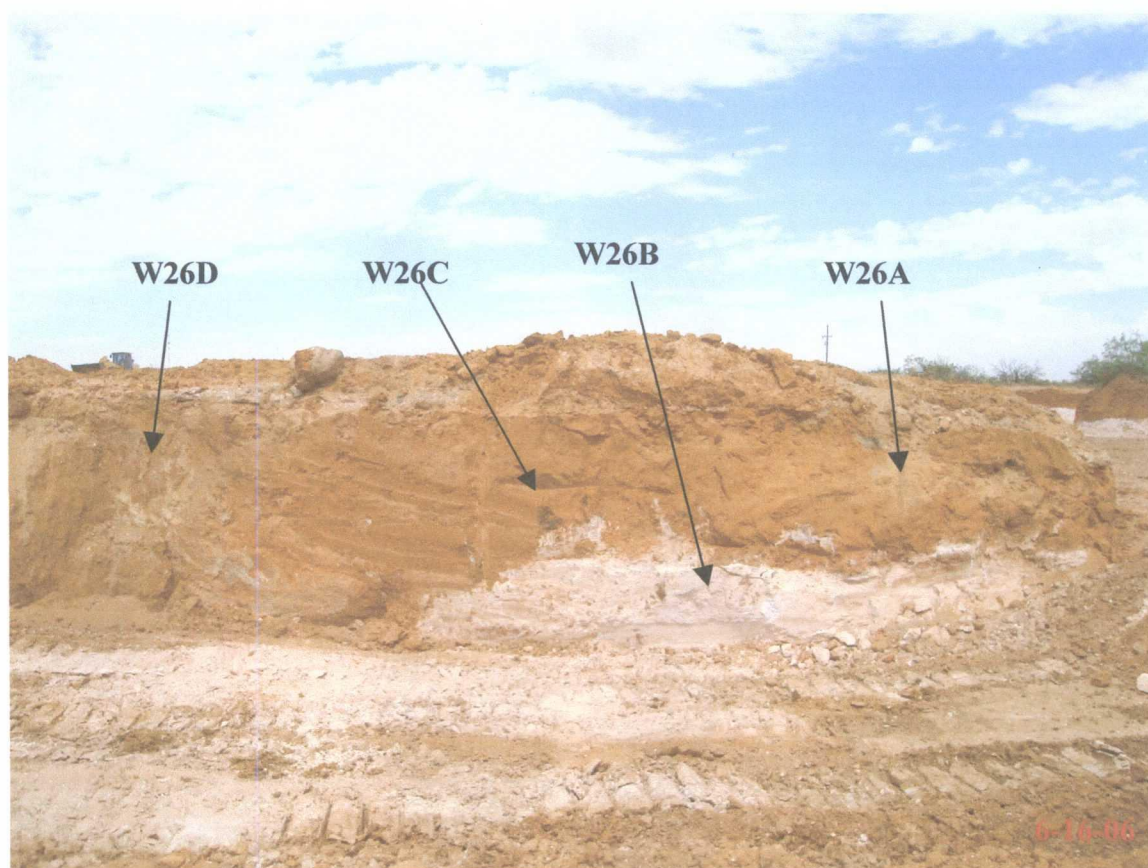
Sample Points of Wall 23 (North wall of Test Point D)



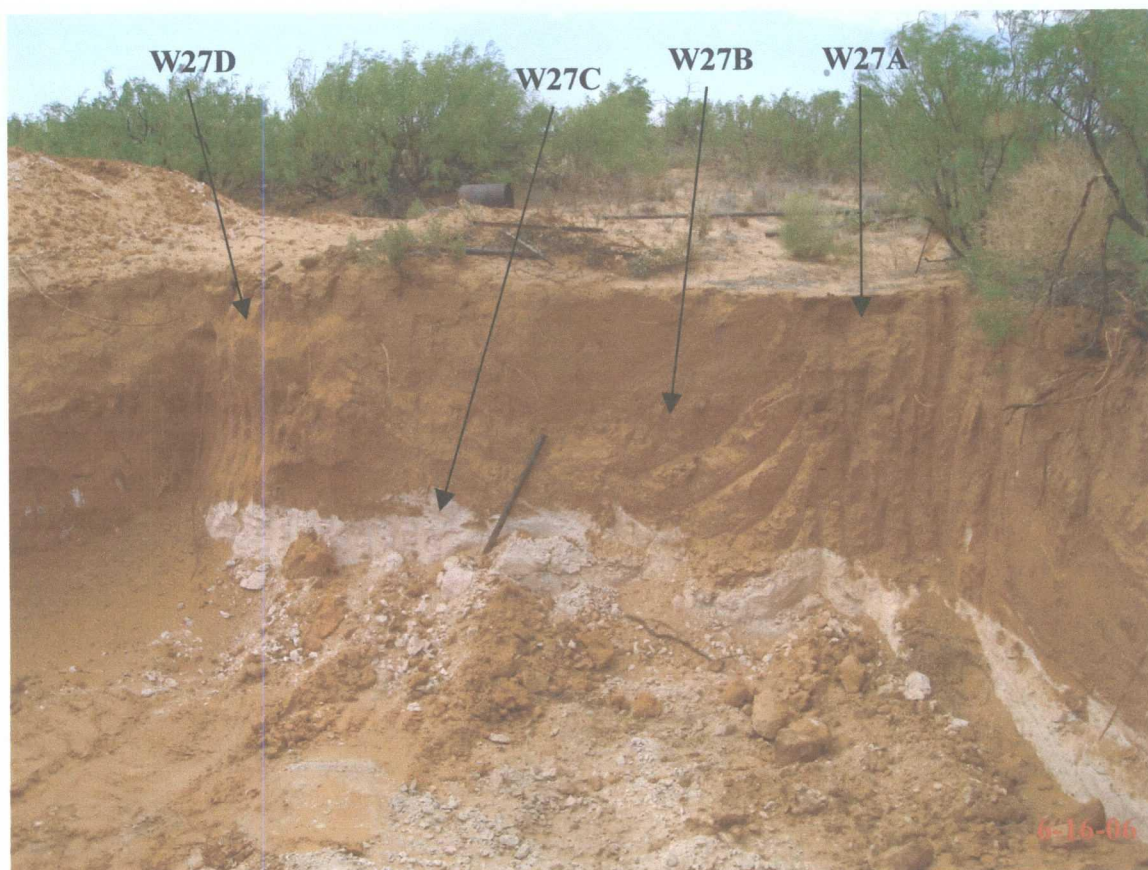
Sample Points of Wall 24 (West wall of Test Point D)



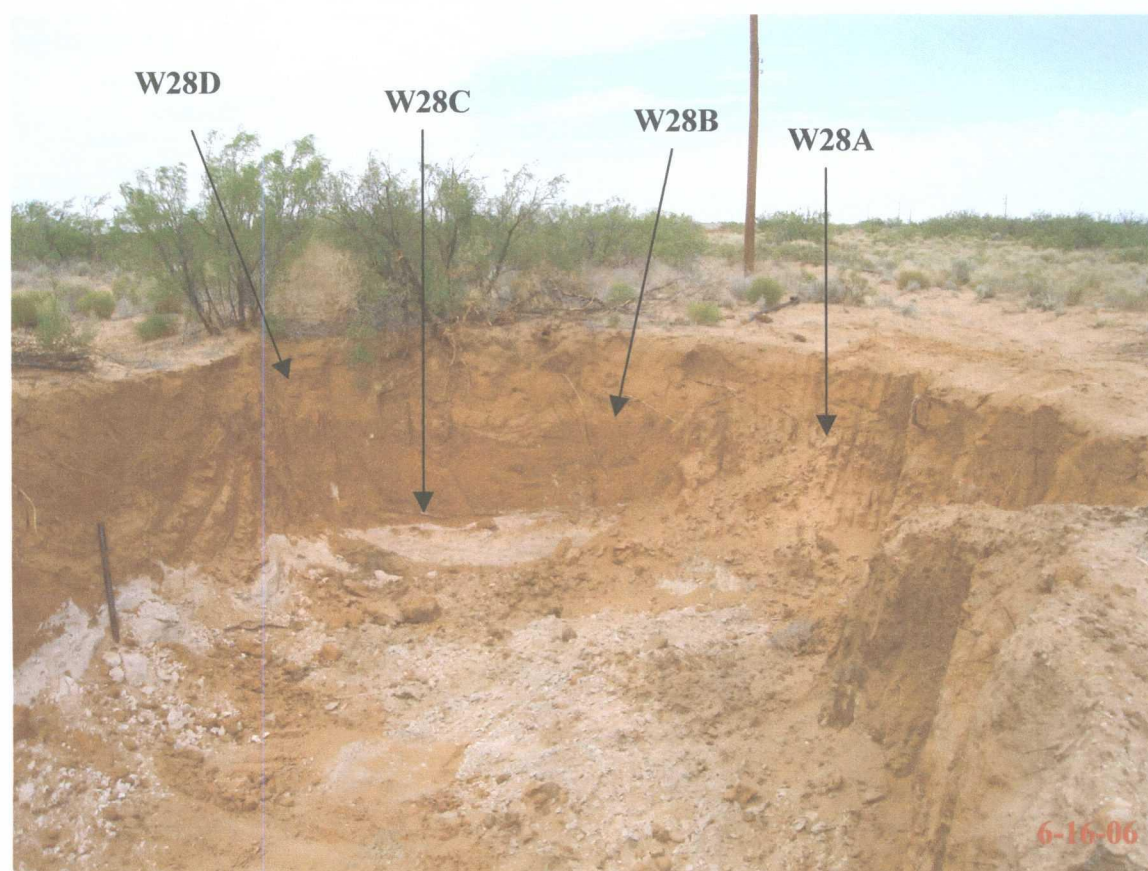
Sample Points of Wall 25



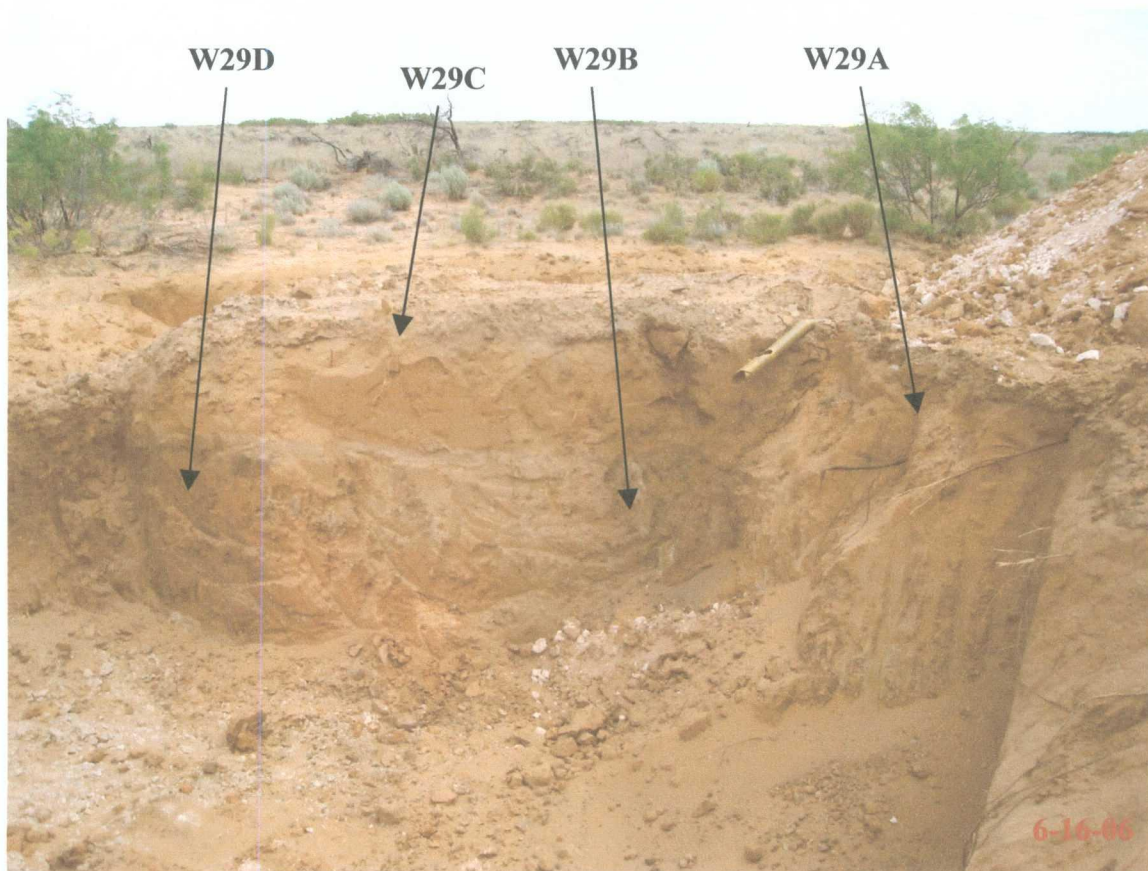
Sample Points of Wall 26 (East wall of Test Point F)



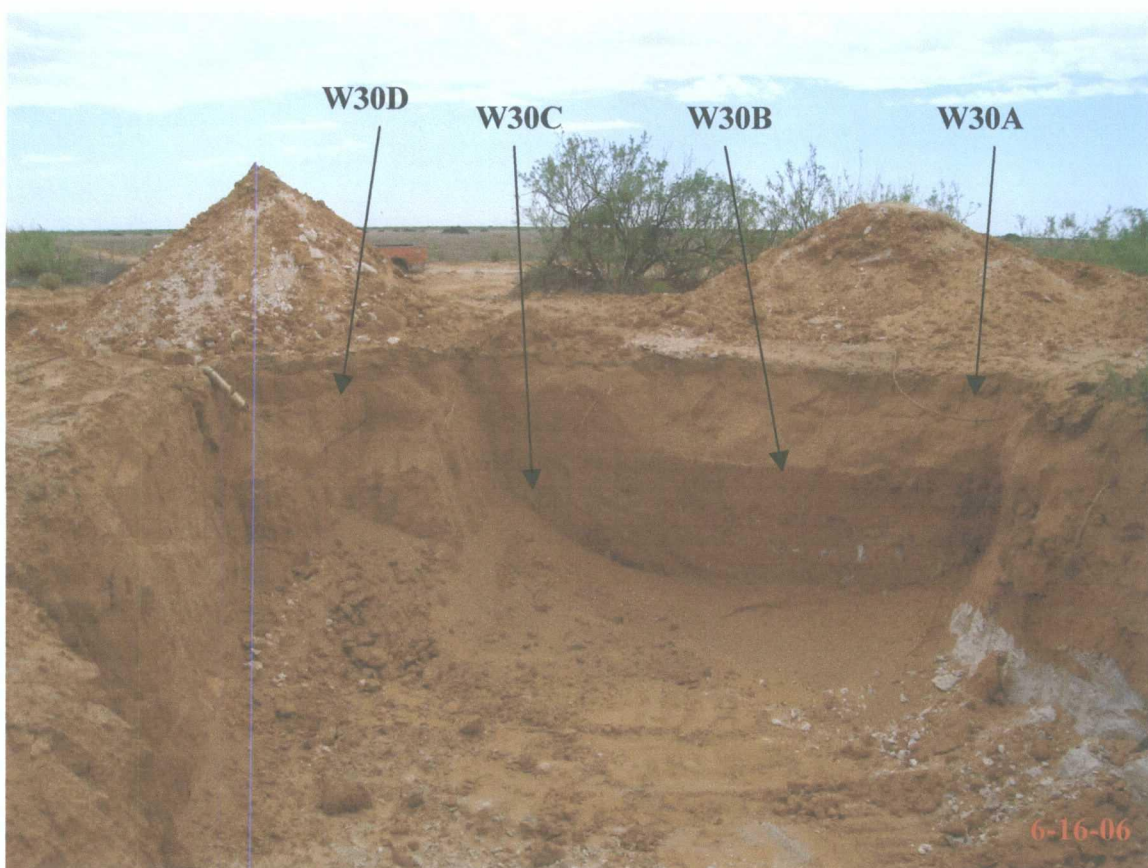
Sample Points of Wall 27 (North wall of Test Point P)



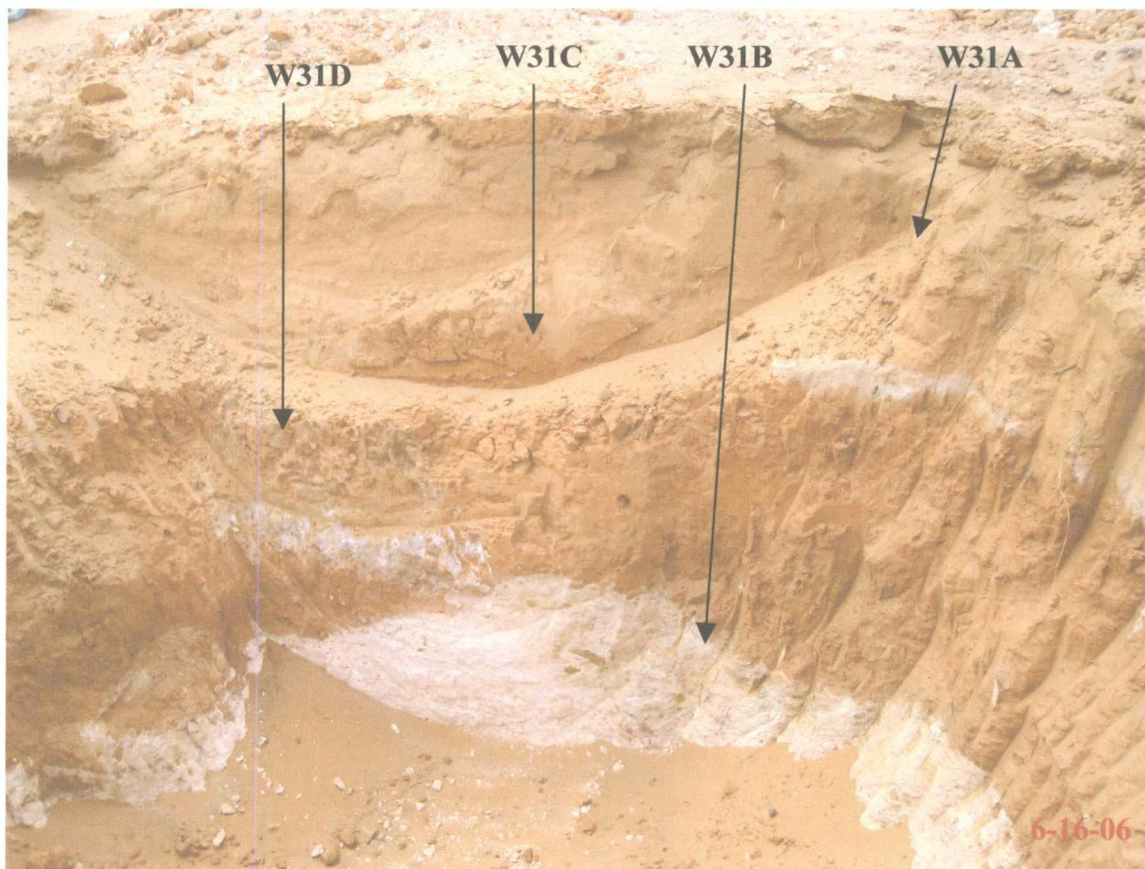
Sample Points of Wall 28 (East wall of Test Point P)



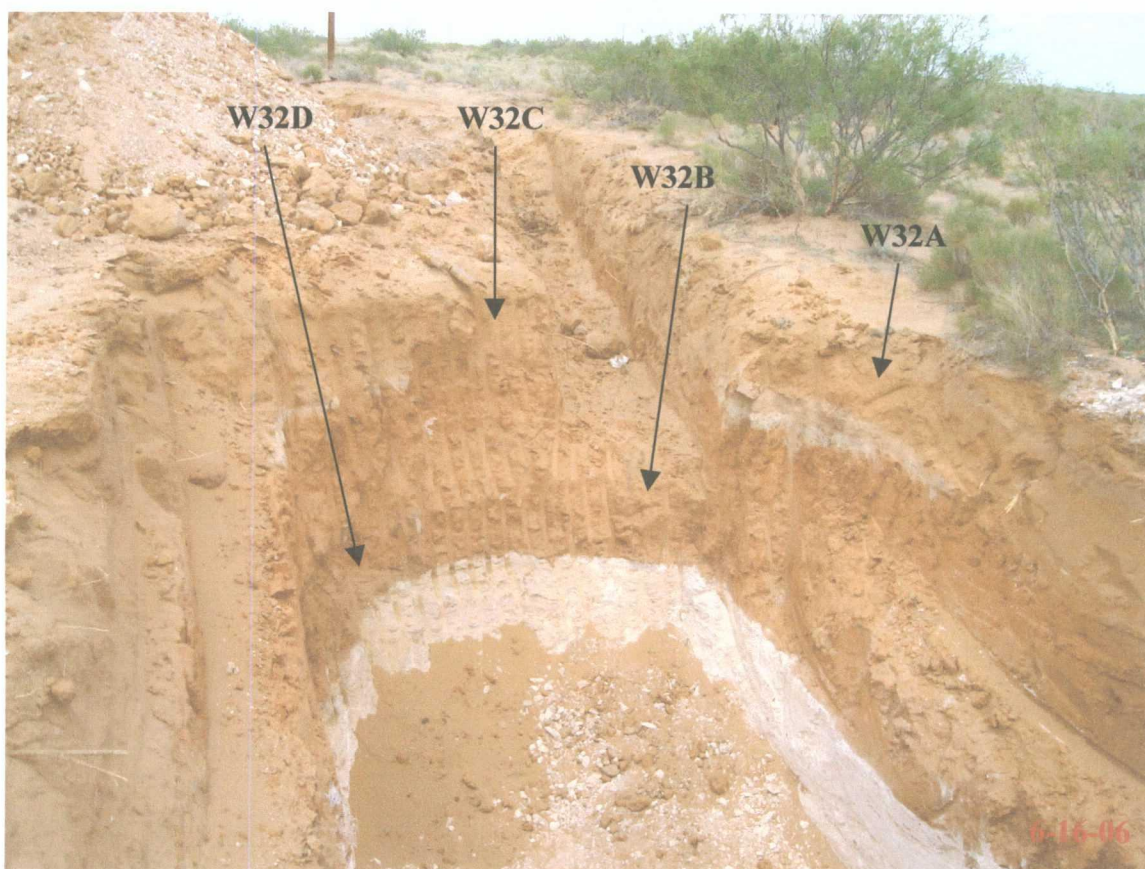
Sample Points of Wall 29 (South wall of Test Point P)



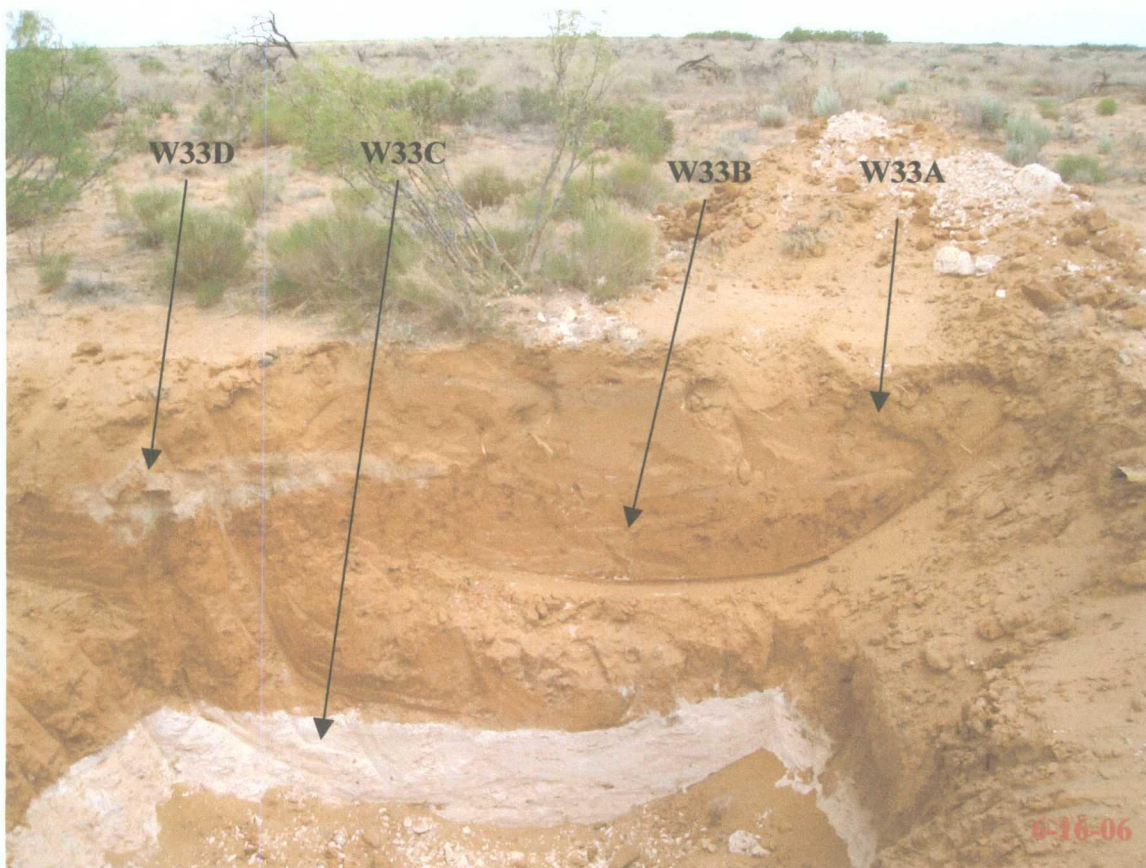
Sample Points of Wall 30 (West wall of Test Point P)



Sample Points of Wall 31



Sample Points of Wall 32



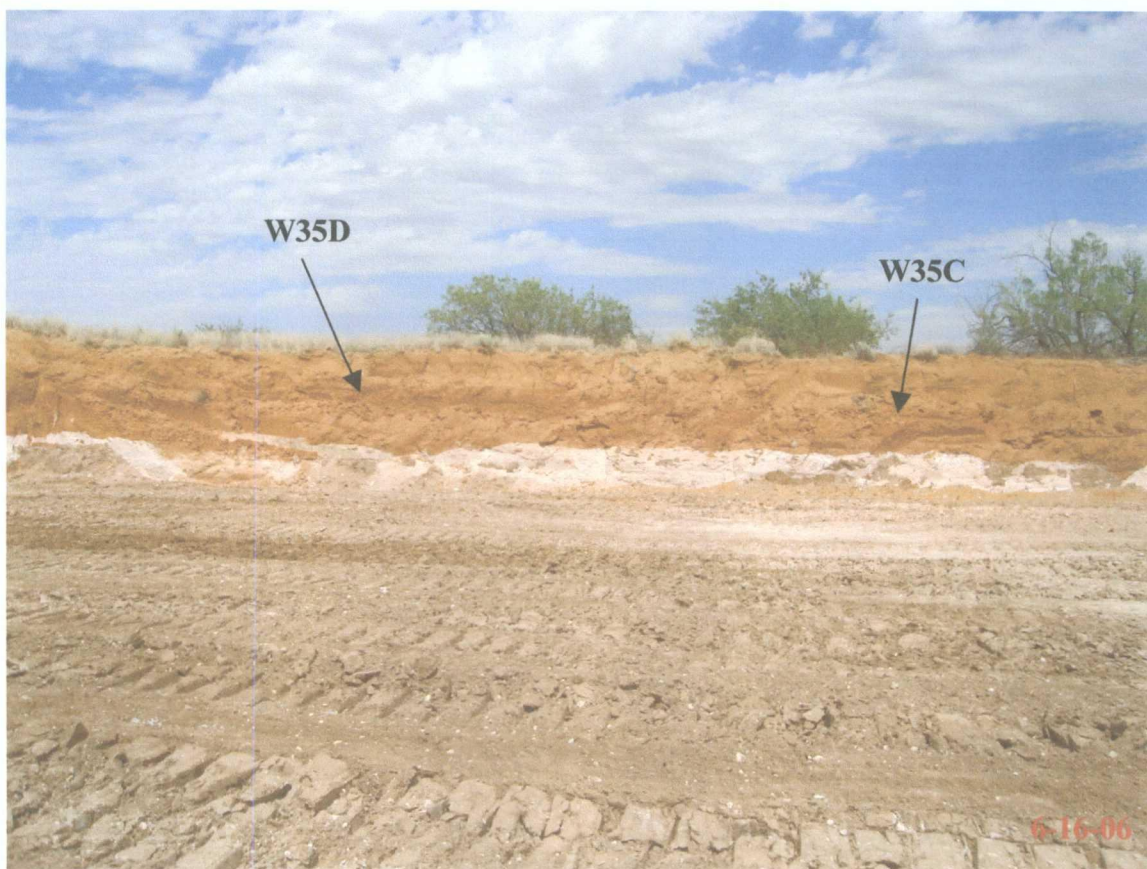
Sample Points of Wall 33



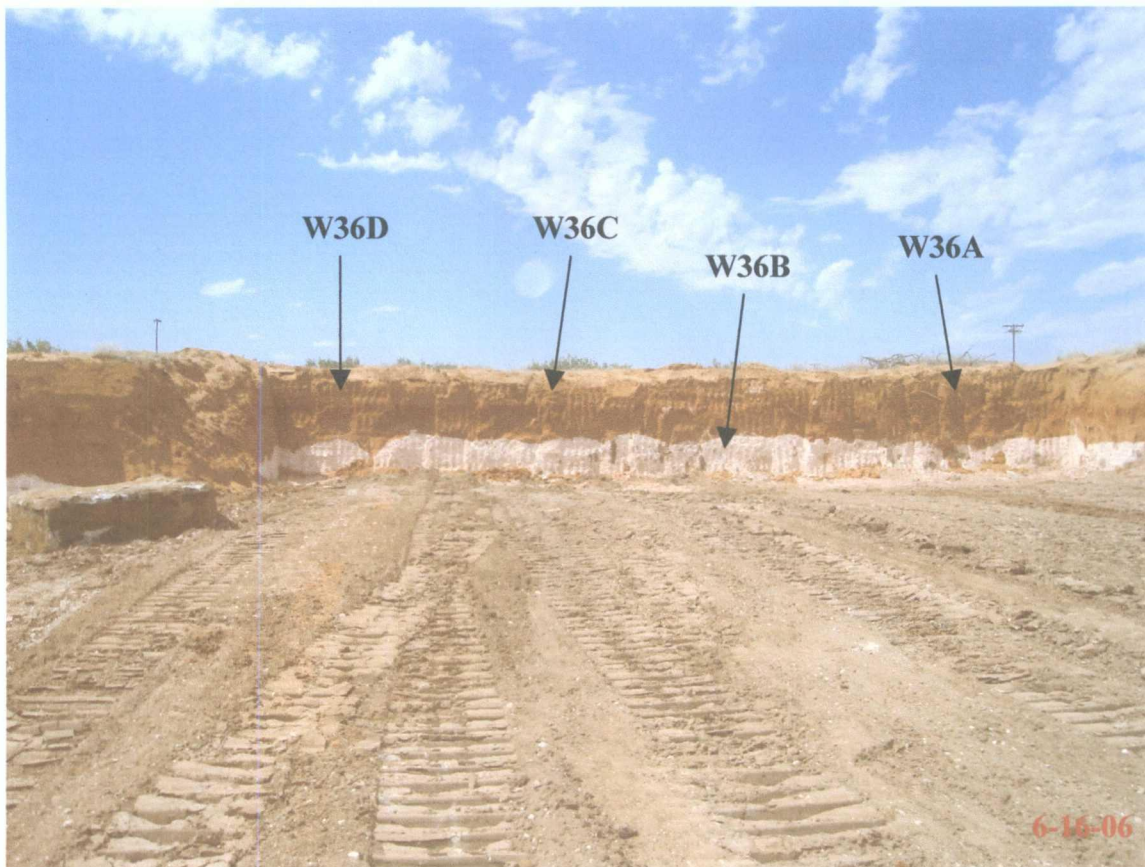
Sample Points of Wall 34



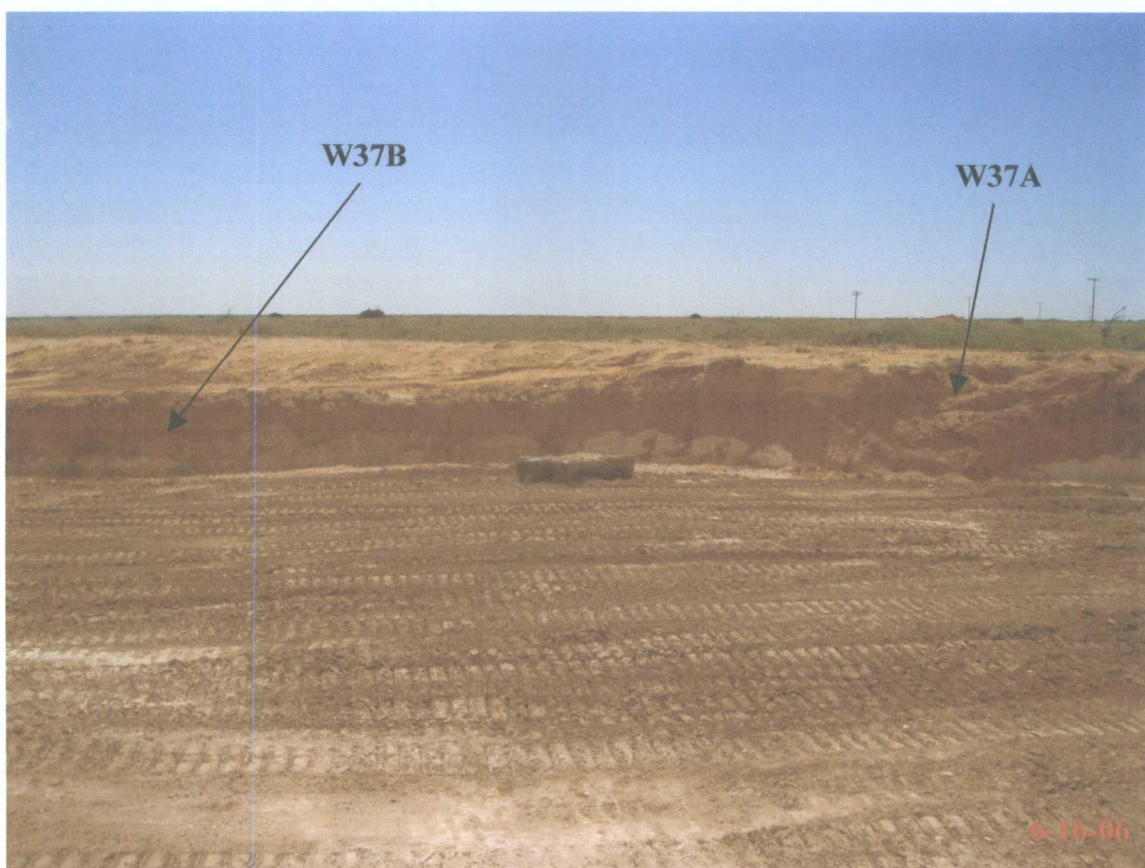
Sample Points of Wall 35 (East wall of Test Points I & J)



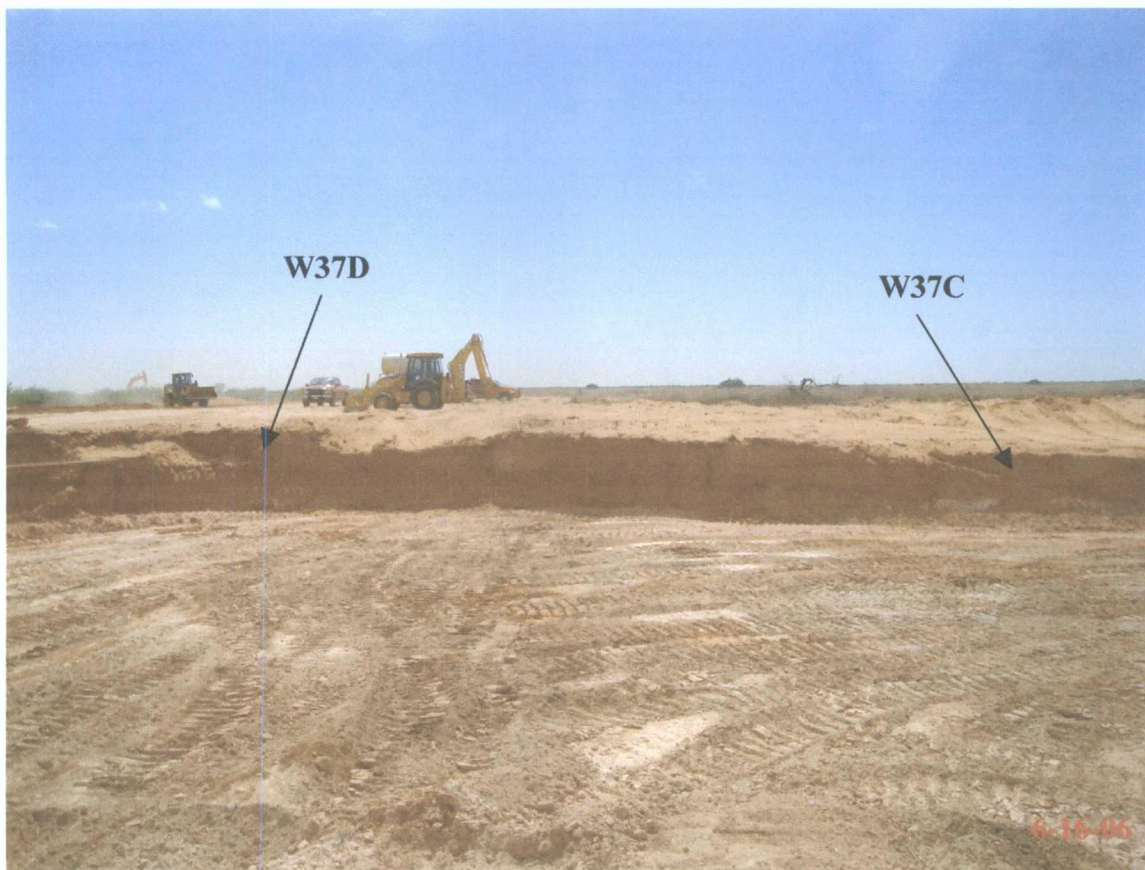
Sample Points of Wall 35 (East wall of Test Points K & J)



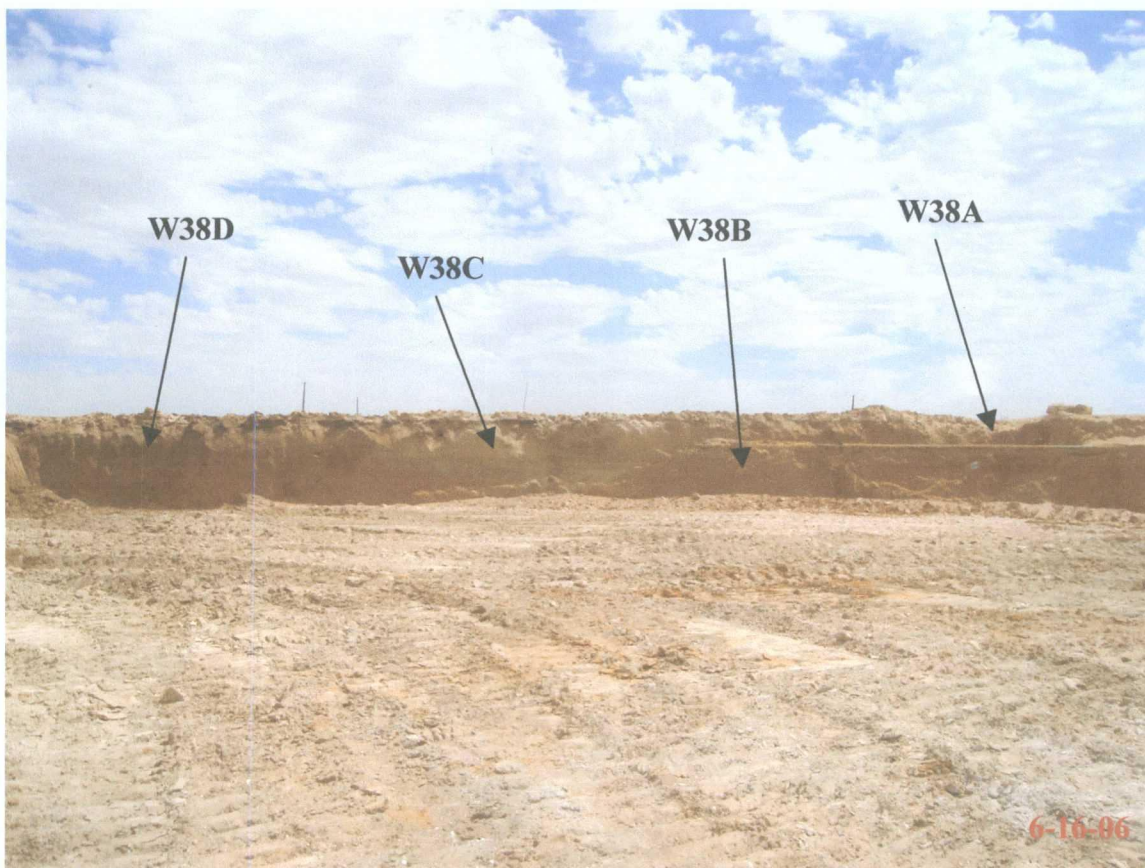
Sample Points of Wall 36 (North wall of Test Point K)



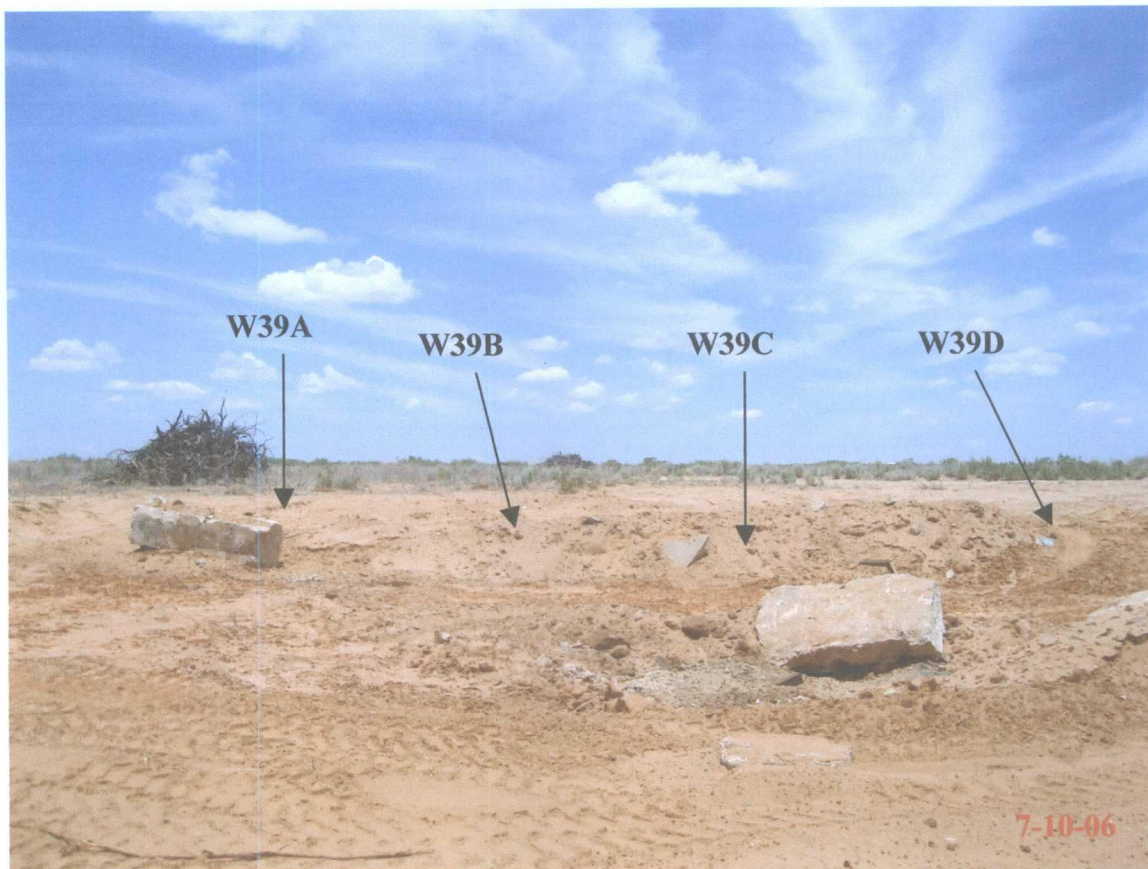
Sample Points of Wall 37 (West wall of Test Points K & J)



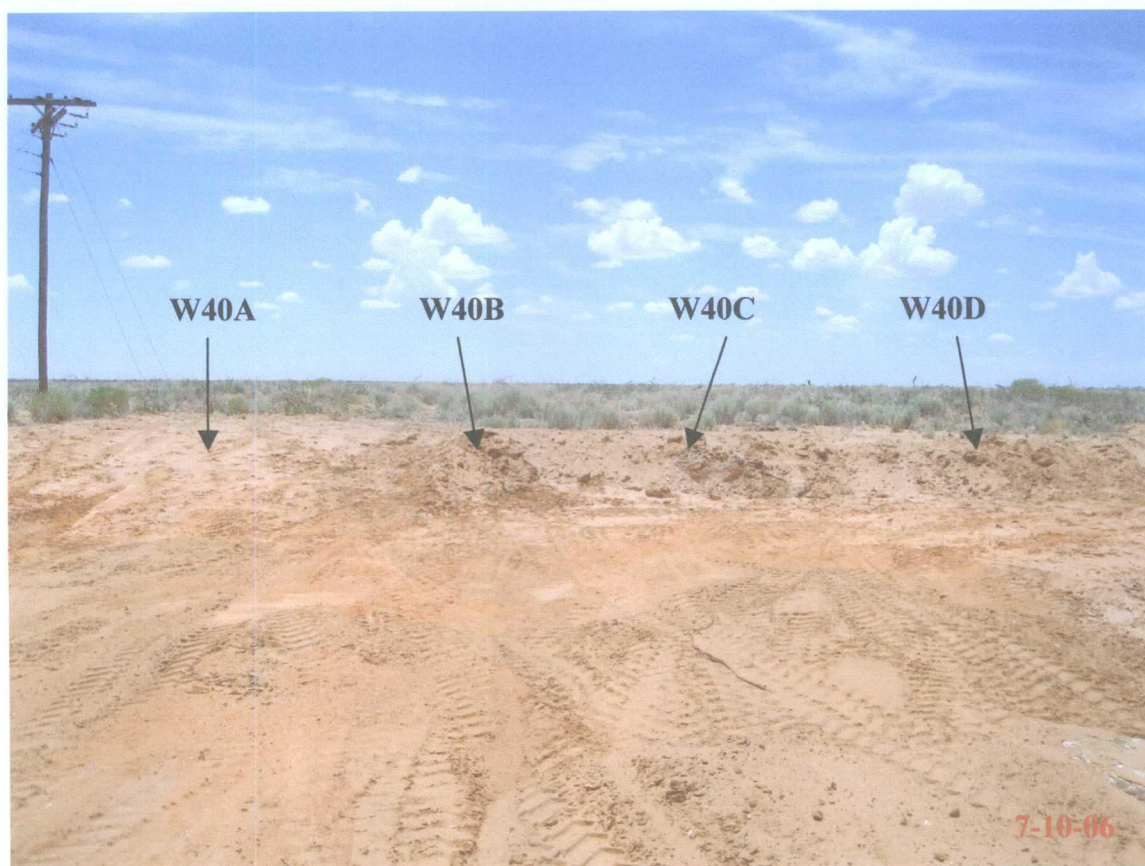
Sample Points of Wall 37 (West wall of Test Points I & J)



Sample Points of Wall 38 (South wall of Test Point J)



Sample Points of Wall 39 (North wall of Shell A-1)



Sample Points of Wall 40 (West wall of Shell A-1)



Sample Points of Wall 41 (South wall of Shell A-1)



Sample Points of Wall 42 (East Wall of Shell A-1)



Sample Points of Wall 43 (North wall of Humble State #3 well)



Sample Points of Wall 44 (West wall of Humble State #3 well)



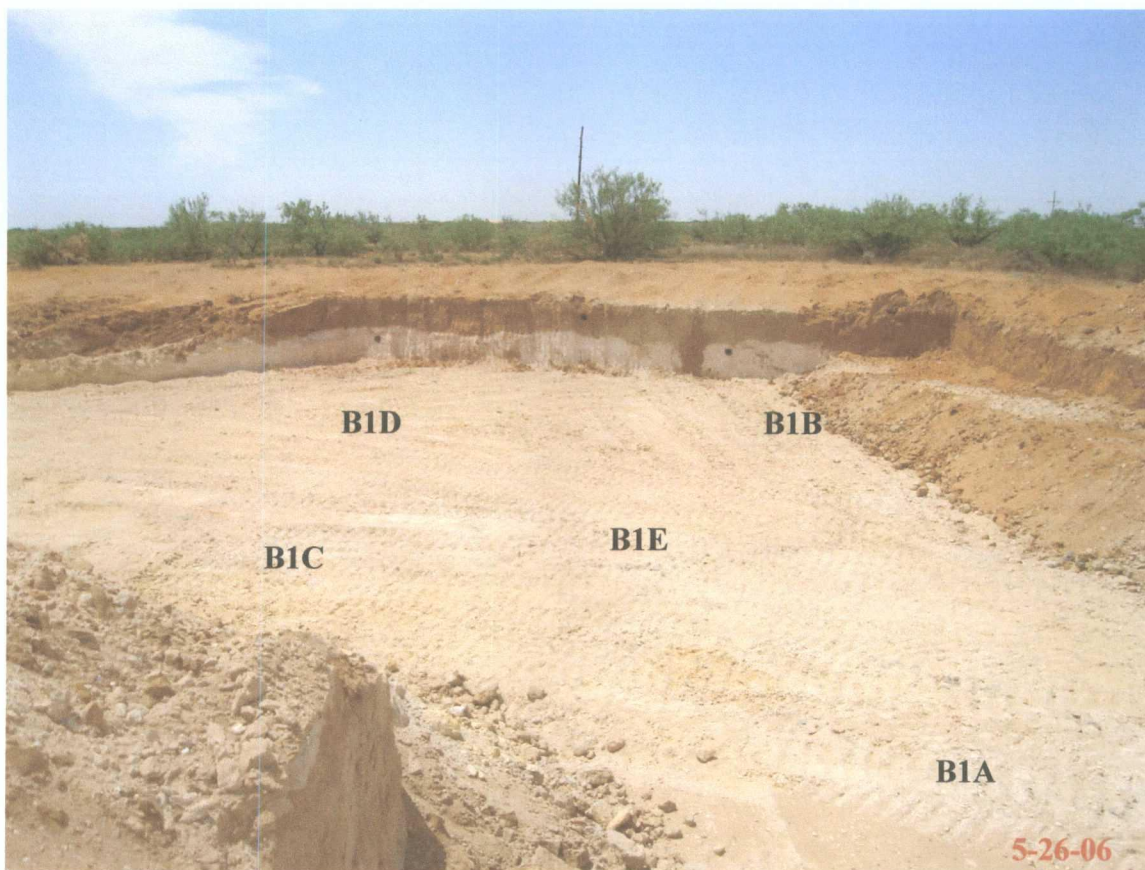
Sample Points of Wall 45 (South Wall of Humble State #3 well)



Sample Points of Wall 46 (East Wall of Humble State #3 well)

Attachment G

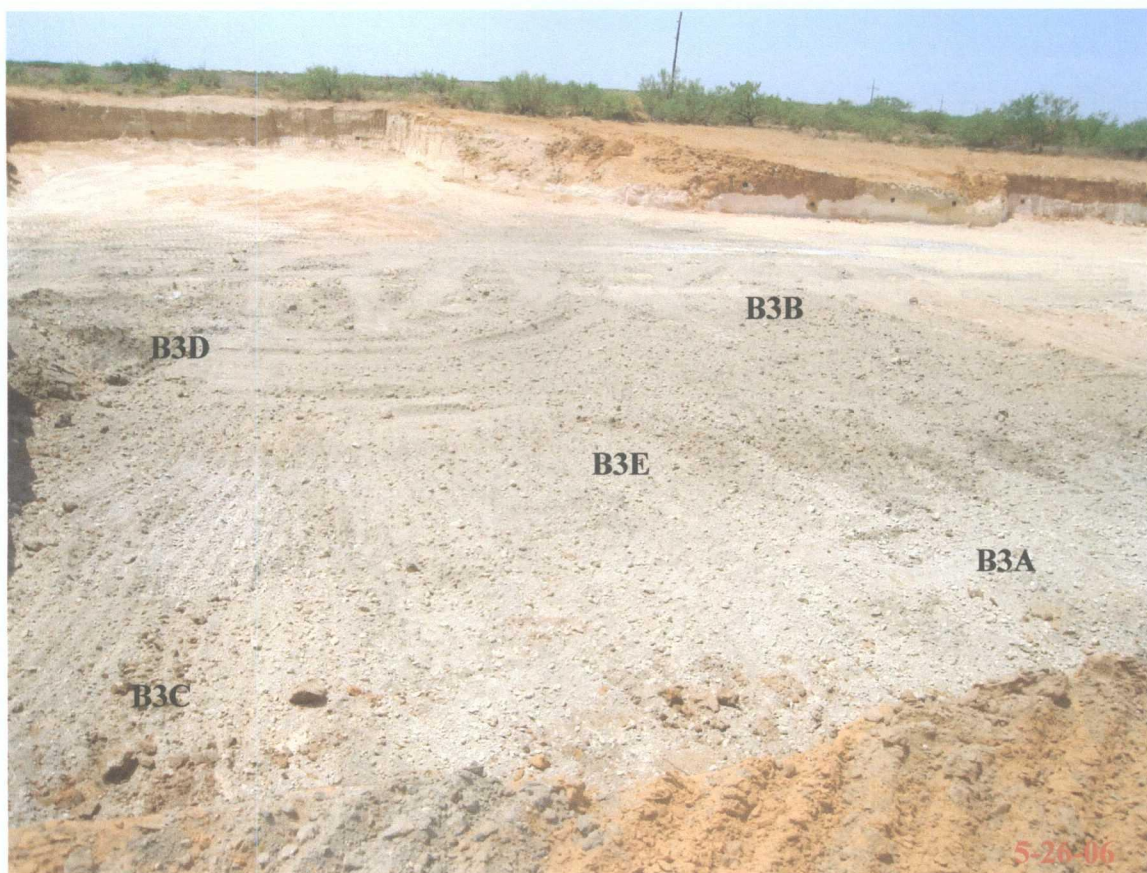
Pictures of Bottom Areas and Sample Points After Excavation



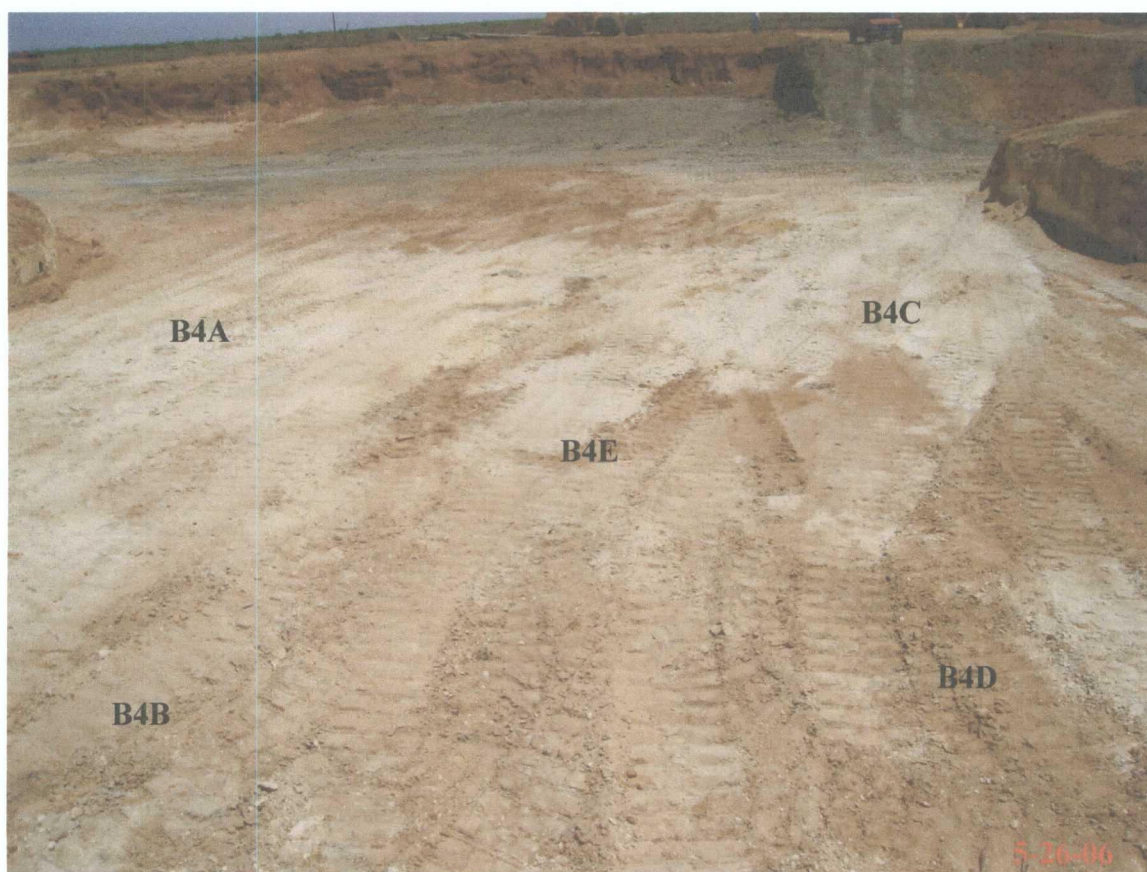
North facing South, Sample Points of Bottom Area 1 (Test Point H)



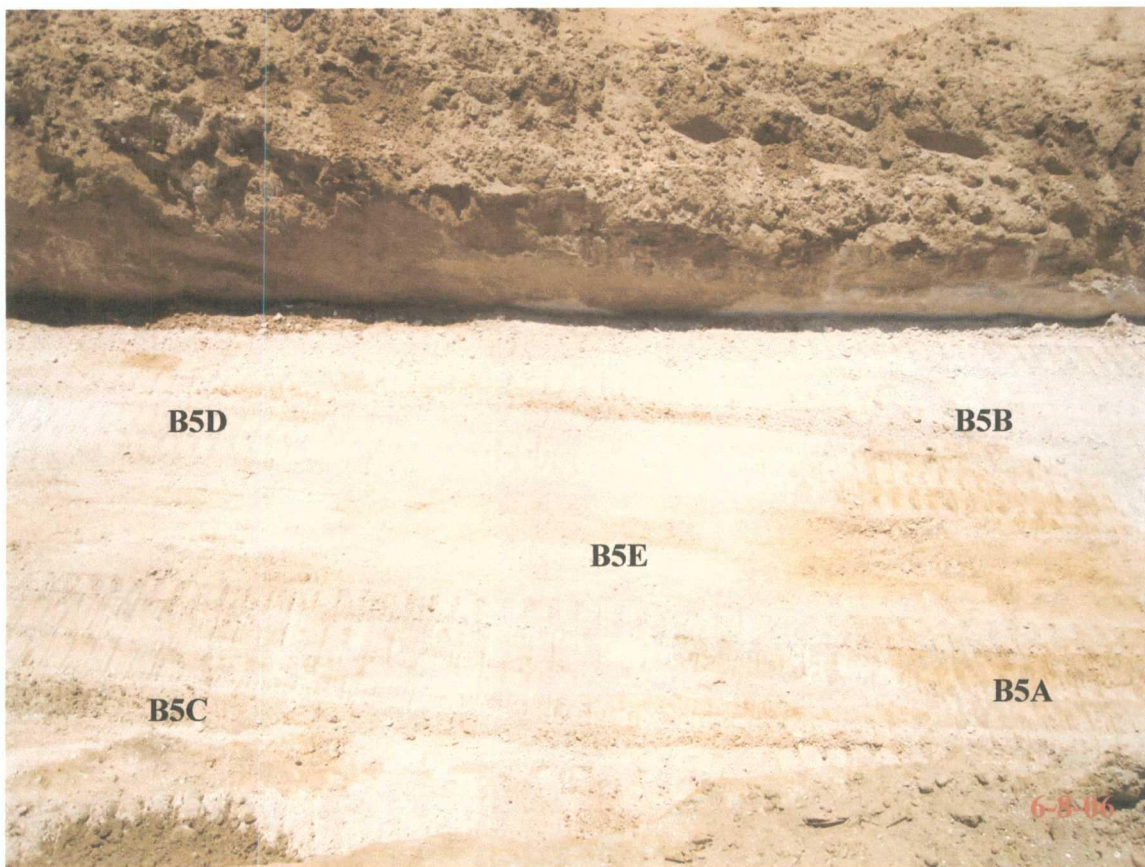
North facing South, Sample Points of Bottom Area 2 (Between Test Points H & G)



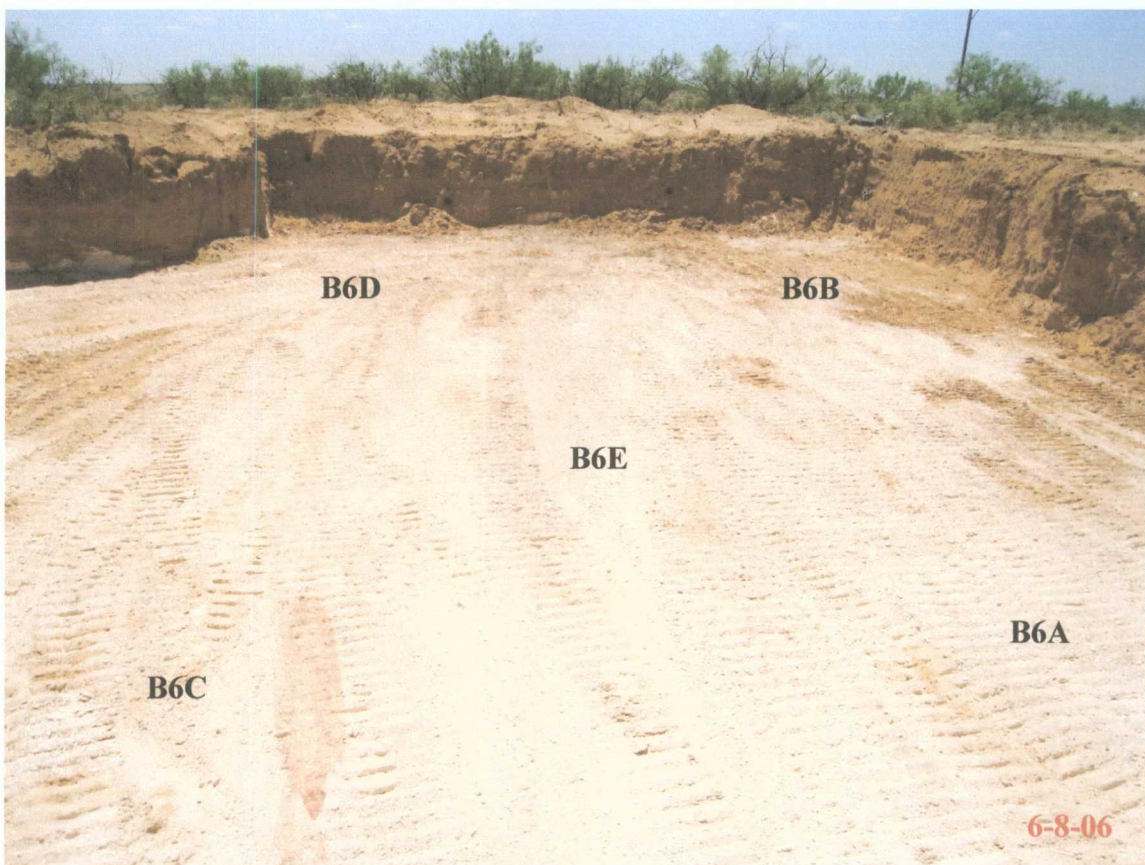
North facing South, Sample Points of Bottom Area 3 (Test Point G)



South facing North, Sample Points of Bottom Area 4 (Test Point L)



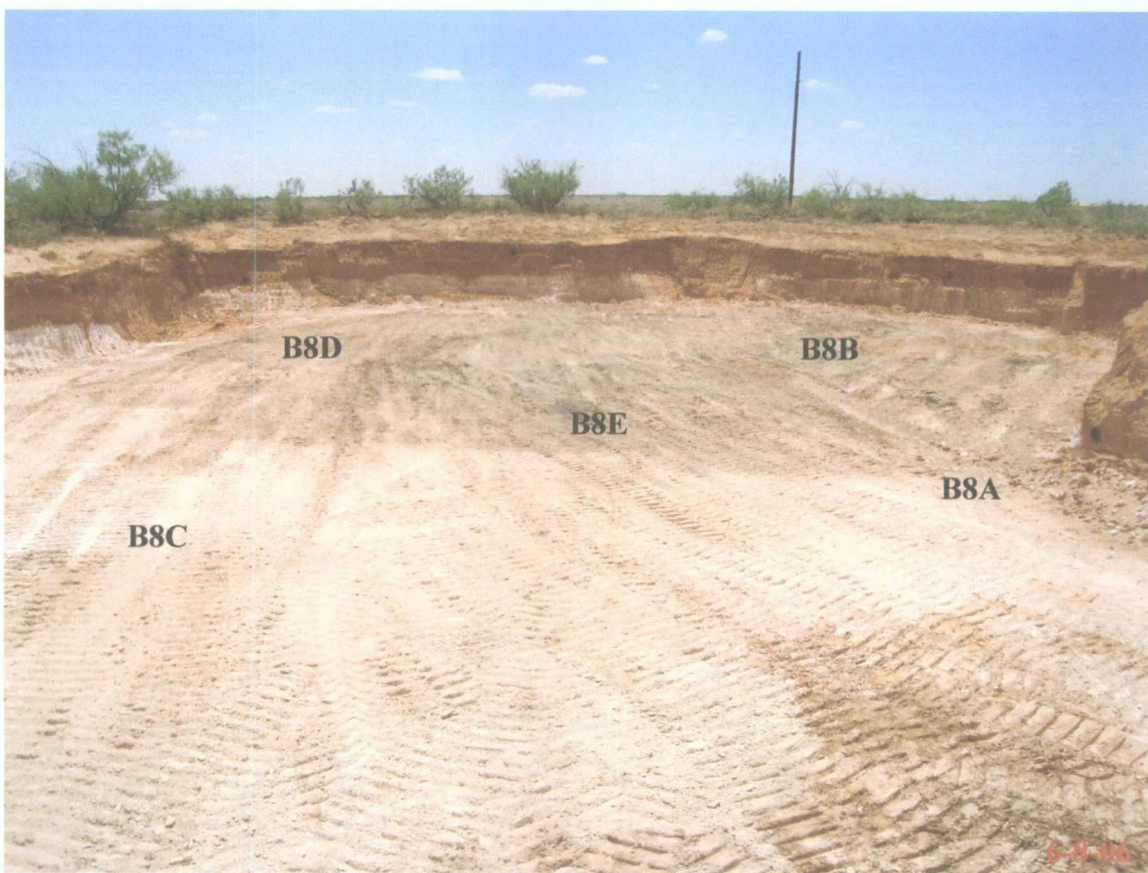
Sample Points of Bottom Area 5 (Between Test Points D & F)



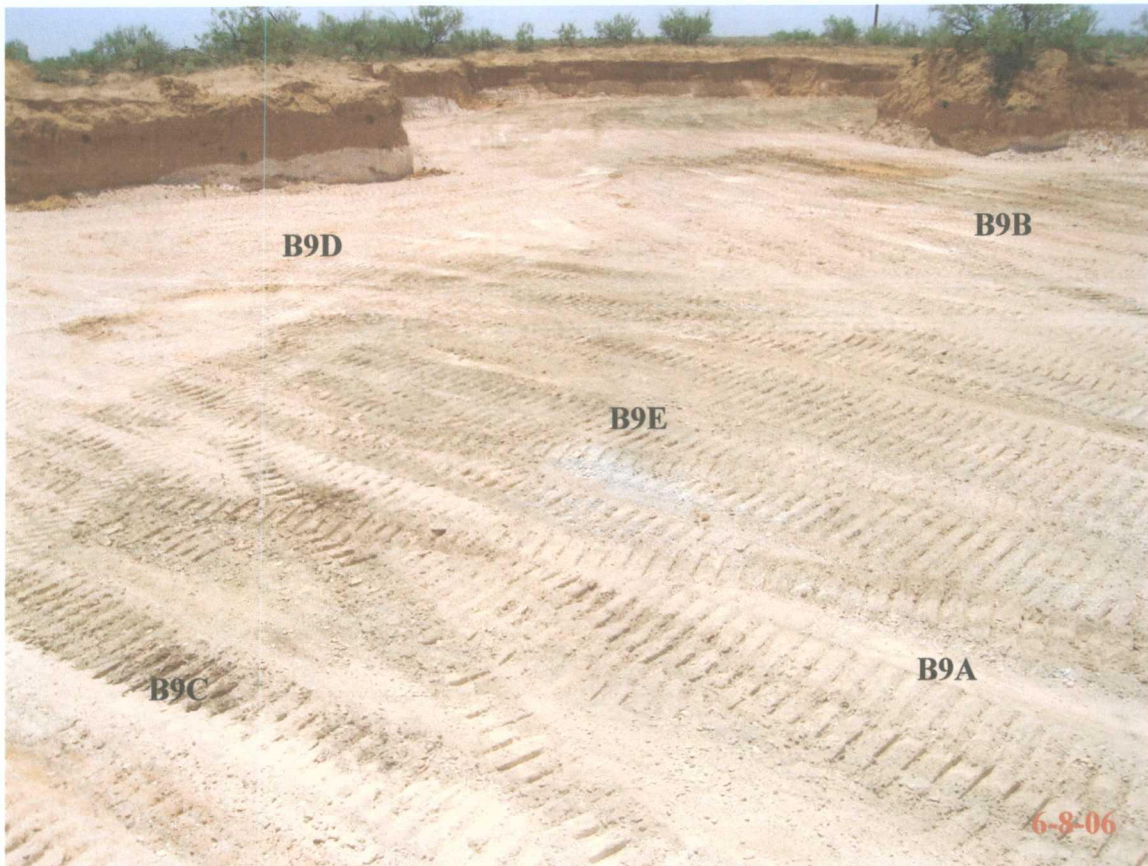
Sample Points of Bottom Area 6 (South of Test Point D)



Sample Points of Bottom Area 7 (Test Point D)



Sample Points of Bottom Area 8 (Test Point C)



Sample Points of Bottom Area 9 (Test Point B)



Sample Points of Bottom Area 10 (Vein East of Test Point B)



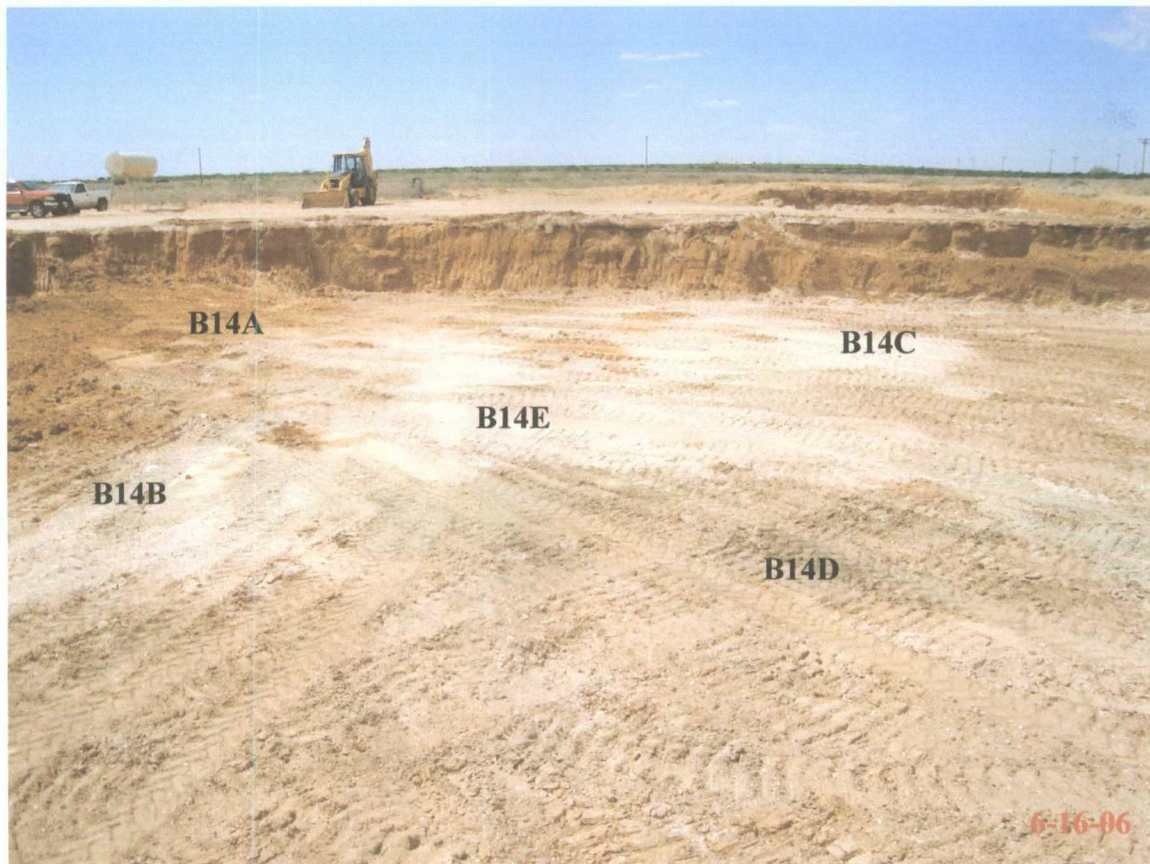
Sample Points of Bottom Area 11 (East of Test Point A)



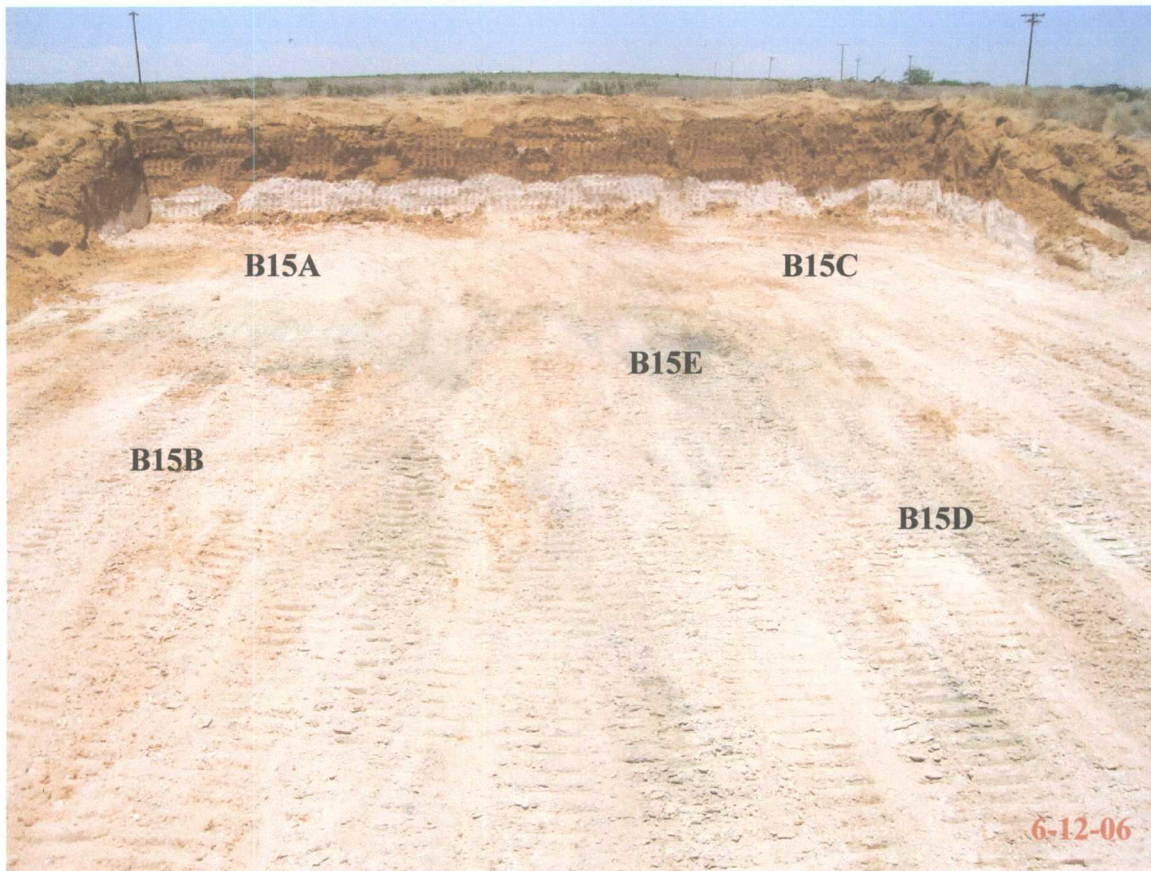
Sample Points of Bottom Area 12 (Sid Richardson Line & Plains Line)



South facing North, Sample Points of Bottom Area 13 (North of Test Point C)



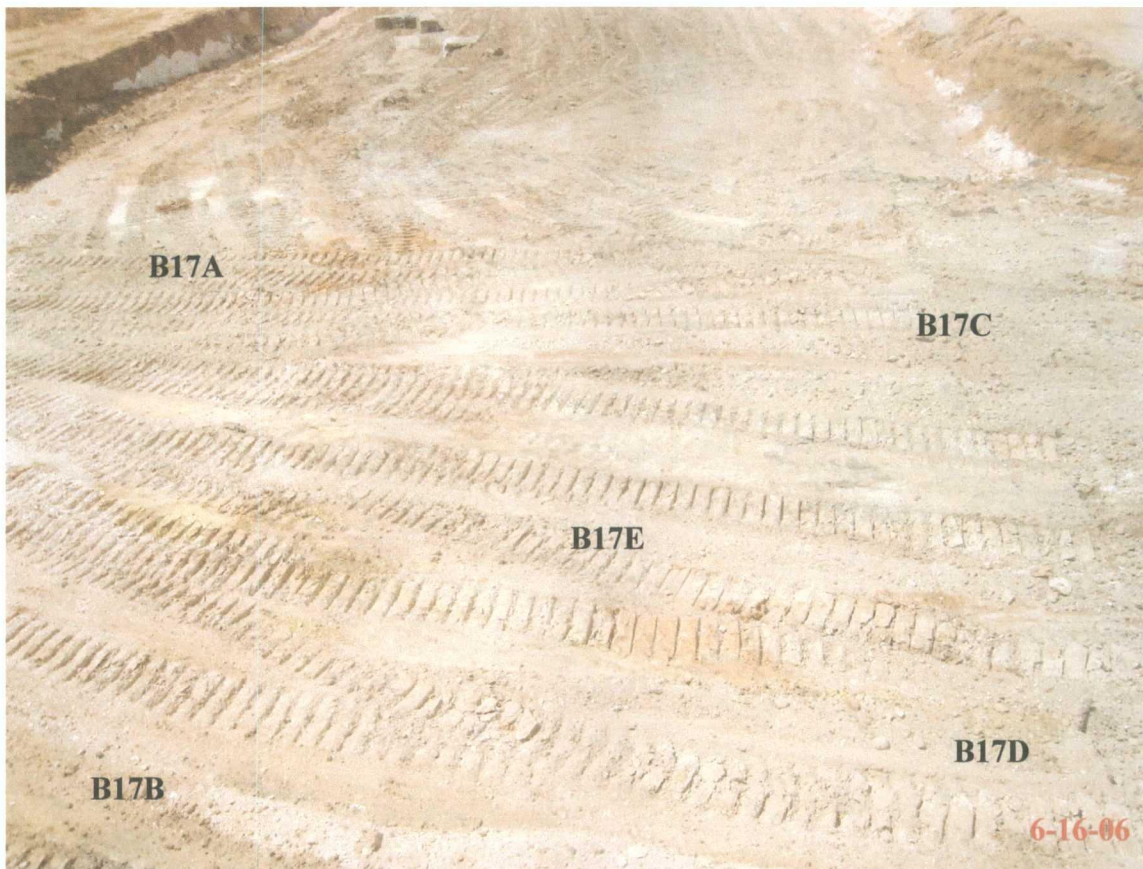
South facing North, Sample Points of Bottom Area 14 (North of Test Point D)



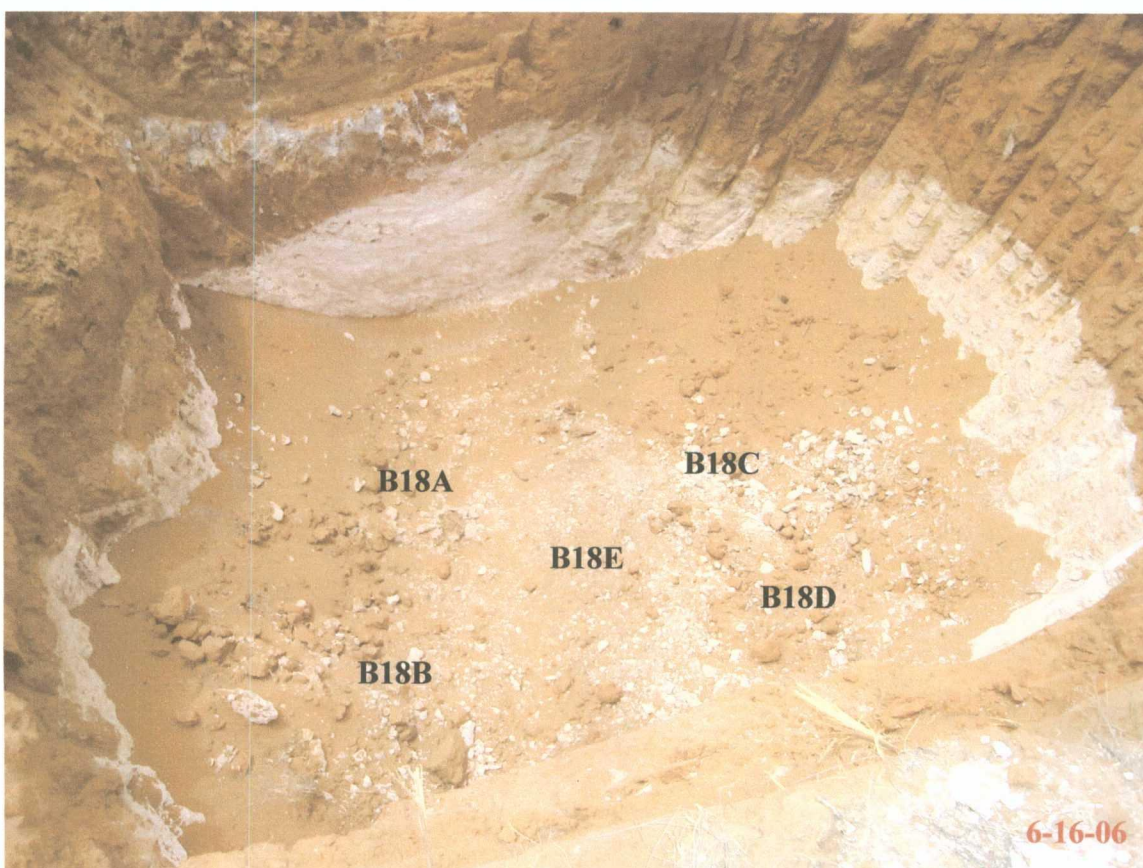
South facing North, Sample Points of Bottom Area 15 (Test Point K)



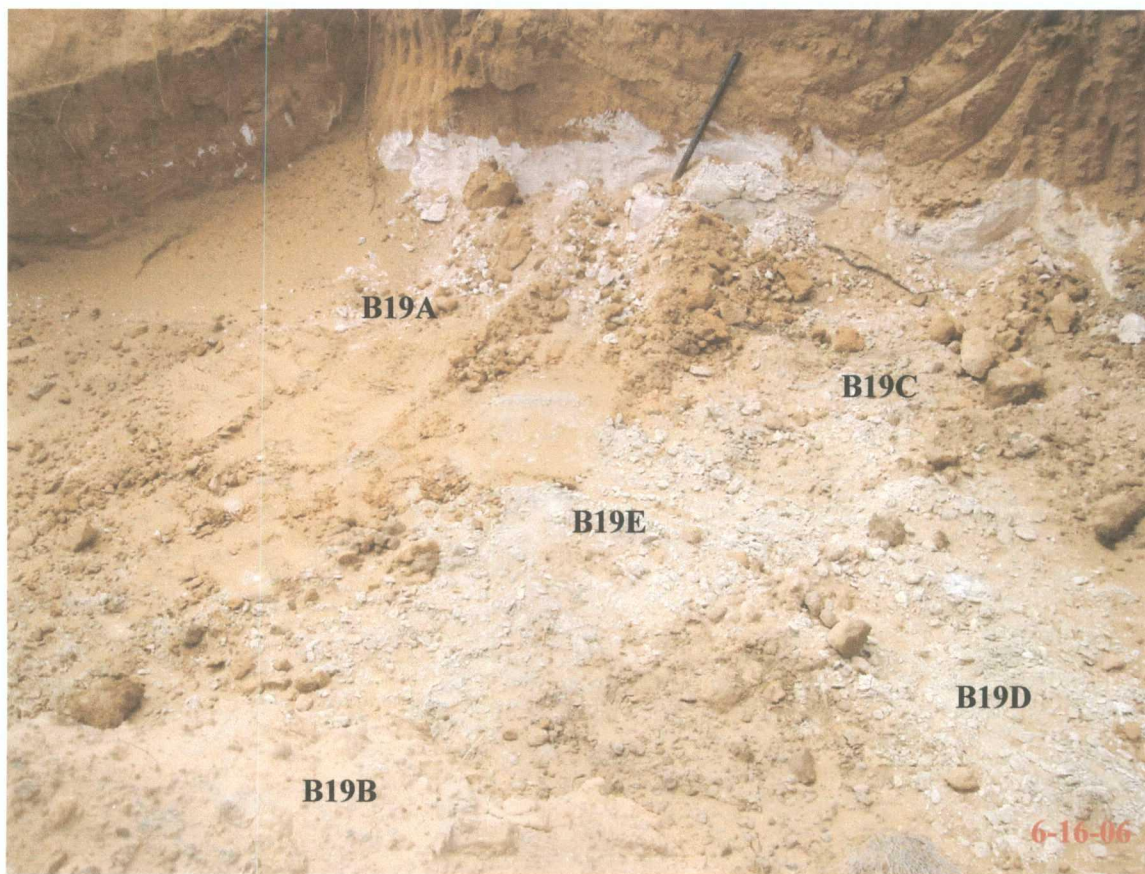
South facing North, Sample Points of Bottom Area 16 (Test Point J)



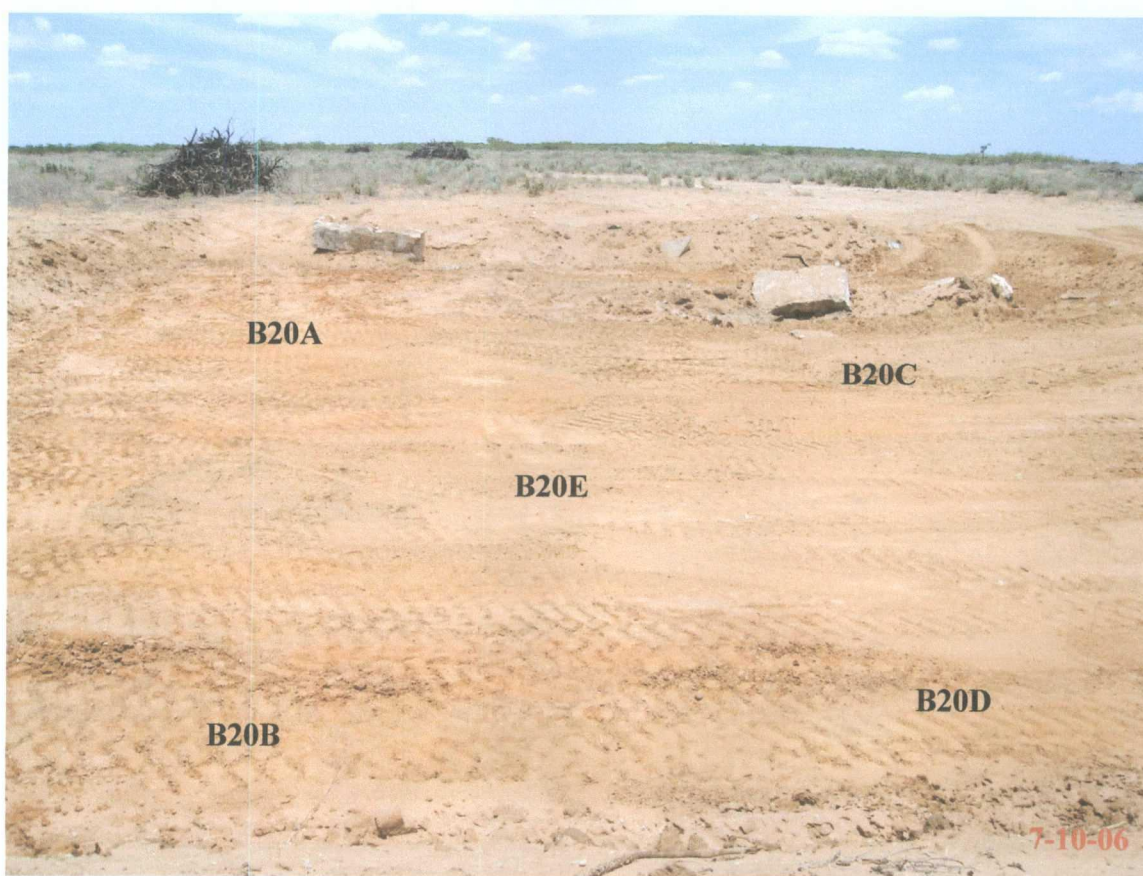
South facing North, Sample Points of Bottom Area 17 (Test Point I)



South facing North, Sample Points of Bottom Area 18



South facing North, Sample Points of Bottom Area 19 (Test Point P)



South facing North, Sample Points of Bottom Area 20 (Bottom of Shell A-1 well)



South facing North, Sample Points of Bottom Area 21 (Bottom of Humble State #3 well)



East facing West, Sample Points of Bottom Area 22

Attachment H

**Pictures of Site During
Backfill and Compaction**



Dozer pushing backfill material into excavation at Test Point H



West facing East at South Wall of excavation during backfill



Water truck unloading fresh water for compaction



Building new caliche road to reach area of backfill material

Attachment I

**Pictures of Site After Backfill
and Compaction**



North facing South at Test Points A, B and E after backfill



North facing South at Test Point D after backfill



North facing South at Test Points F, G and L after backfill



North facing South at Test Point H after backfill



West facing East across South side of site after backfill

8-3-06



North facing South at Test Point E after backfill

8-3-06



West facing East across vein East of Test Point B

8-3-06



West facing East at Test Point P after backfill

8-3-06



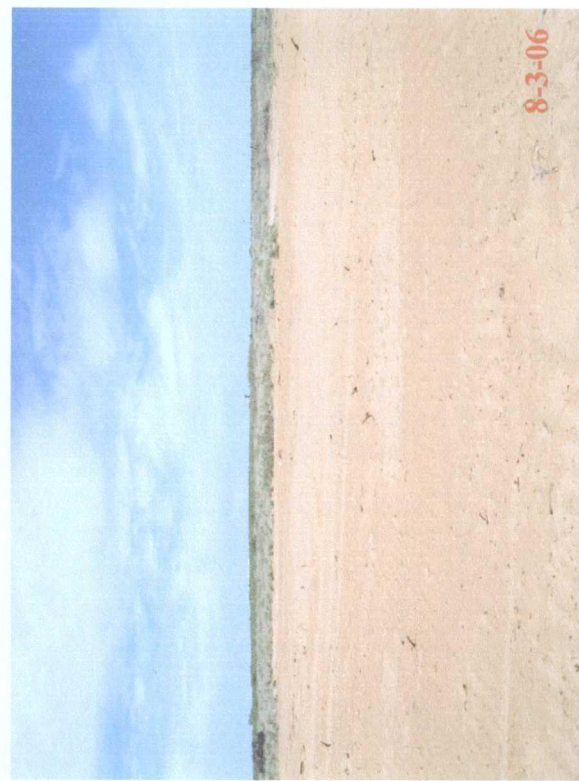
South facing North at Test Points I, J and K after backfill



East facing West at Test Point I after backfill



South facing North across Humble State #3 well after backfill



North facing South across Shell A-1 well after backfill

Attachment J

**Water Line Sample Points and
Site after 2 years of Vegetation Growth**



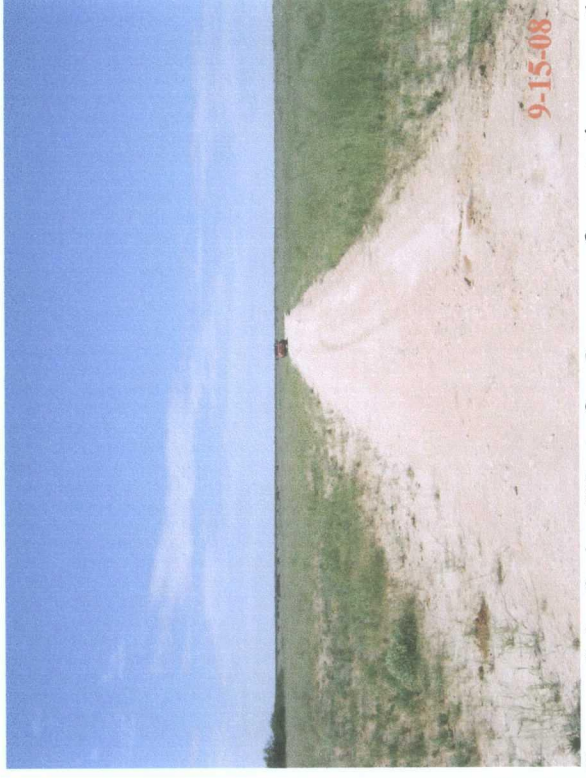
Excavation of delineation trench WL2.



Excavation of Background 1 trench ¼ mile west of Maralo Site.



South end of site after 2 years of vegetation growth.



Center of site facing West after 2 years of vegetation growth.

Attachment K

**Letter of Approval from Landowner
for Re-vegetation Plan of Site**

Elke Environmental, Inc.

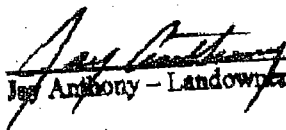
P.O. Box 14167 Odessa, TX 79768
Phone (432) 366-0043 Fax (432) 366-0884

August 3, 2006

Re: OCD Case 131142 Order R-12152-A
Humble State #3 Tank Battery Site
Jal, New Mexico

Mr. Jay Anthony,

Final closure for the Maralo, LLC - Humble State #3 Tank Battery site requires compliance with Order R-12152-A from the NMOCD. In that order dated March 3, 2006 Maralo is required to have a written plan with approval from the landowner for the re-vegetation of the surface area affected by the cleanup process. Elke Environmental will broadcast a seed mixture from Curtis & Curtis in Clovis, NM approved by Jay Anthony over the affected area. Then spread a blanket of either hay, cotton seed burrs or another organic material approved by Jay Anthony to hold the seed in place and water with fresh water. A second option would be to spray a water, seed and mulch mixture called hydro-mulch approved by Jay Anthony over the affected area.


Jay Anthony - Landowner


Logan Anderson - Project Manager

Attachment L

Daily Log of Major Activities

Elke Environmental, Inc.
P.O. Box 14167, Odessa, Texas 79768
Phone (432) 366-0043 Fax (432) 366-0884

Maralo - Humble State #3 Tank Battery

Daily Summary

Monday, April 24, 2006

Haul loader to site and clear an area for turnarounds to be built. Move loader to caliche pit.

Tuesday, April 25, 2006

Haul 2 dozers to site and begin pushing contaminated soil into stockpile. Load and haul 234 cu. yds. of caliche from landowners pit to build turnarounds and repair road to site. Water roads and turnarounds. Load and haul 14 loads (252 cu. yds.) of contaminated soil to J & L Landfarm.

Wednesday, April 26, 2006

Haul second loader to site. Push contaminated soil into stockpile. Load and haul 99 loads (1,782 cu. yds.) of contaminated soil to J & L Landfarm.

Thursday, April 27, 2006

Haul dozer to site. Push contaminated soil into stockpile. Water roads and turnarounds. Load and haul 119 loads (2,142 cu. yds.) of contaminated soil to J & L Landfarm.

Friday, April 28, 2006

Push contaminated soil into stockpile. Load and haul 136 loads (2,448 cu. yds.) of contaminated soil to J & L Landfarm.

Saturday, April 29, 2006

Push contaminated soil into stockpile. Water roads and turnarounds. Load and haul 79 loads (1,422 cu. yds.) of contaminated soil to J & L Landfarm.

Elke Environmental, Inc.
P.O. Box 14167, Odessa, Texas 79768
Phone (432) 366-0043 Fax (432) 366-0884

Maralo - Humble State #3 Tank Battery

Daily Summary

Monday, May 1, 2006

Excavate contaminated soil and push into stockpile.

Tuesday, May 02, 2006

Excavate contaminated soil and push into stockpile. Water roads and turnarounds. Load and haul 138 loads (2,484 cu. yds.) of contaminated soil to J & L Landfarm.

Wednesday, May 3, 2006

Excavate contaminated soil and push into stockpile. Water roads and turnarounds. Load and haul 161 loads (2,898 cu. yds.) of contaminated soil to J & L Landfarm.

Thursday, May 4, 2006

Excavate contaminated soil and push into stockpile. Water roads and turnarounds. Load and haul 185 loads (3,330 cu. yds.) of contaminated soil to J & L Landfarm.

Friday, May 5, 2006

Haul backhoe and trackhoe to site. Excavate contaminated soil and push into stockpile. Water roads and turnarounds. Dig and spot water line and oil pipeline on north side of road. Load and haul 169 loads (3,042 cu. yds.) of contaminated soil to J & L Landfarm.

Saturday, May 6, 2006

Excavate contaminated soil on southside of road around oil pipeline with backhoe. Excavate contaminated soil and push into stockpile. Water roads and turnarounds. Move dozer to caliche pit. Load and haul 100 loads (1,800 cu. yds.) of contaminated soil to J & L Landfarm.

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Maralo - Humble State #3 Tank Battery

Daily Summary

Monday, May 8, 2006

Excavate contaminated soil on south side of road with trackhoe and push into stockpile with dozers. Push up caliche with a dozer. Load and haul 378 cu. yds. of caliche from landowners pit to repair roads. Water roads and turnarounds. Load and haul 147 loads (2,646 cu. yds.) of contaminated soil to J & L Landfarm.

Tuesday, May 9, 2006

Excavate contaminated soil on south side of road with trackhoe and push into stockpile with dozers. Finish patching roads with backhoe, water roads and turnarounds. Load and haul 168 loads (3,024 cu. yds.) of contaminated soil to J & L Landfarm.

Wednesday, May 10, 2006

Excavate contaminated soil on south side of road with trackhoe and push into stockpile with dozers. Water roads and turnarounds. Load and haul 173 loads (3,114 cu. yds.) of contaminated soil to J & L Landfarm.

Thursday, May 11, 2006

Excavate contaminated soil on south side of road with trackhoe and push into stockpile with dozers. Excavate contaminated soil at test point P with backhoe. Water roads and turnarounds. Load and haul 171 loads (3,078 cu. yds.) of contaminated soil to J & L Landfarm.

Friday, May 12, 2006

Excavate contaminated soil on south side of road with trackhoe and push into stockpile with dozers. Finish excavation of contaminated soil at test point P with backhoe. Haul dozer to site. Water roads and turnarounds. Load and haul 115 loads (2,070 cu. yds.) of contaminated soil to J & L Landfarm.

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Maralo - Humble State #3 Tank Battery

Daily Summary

Monday, May 15, 2006

Excavate contaminated soil on south side of road with trackhoe and push into stockpile with dozers. Begin excavation of contaminated soil on north side of road with dozer. Water roads and turnarounds. Load and haul 174 loads (3,132 cu. yds.) of contaminated soil to J & L Landfarm.

Tuesday, May 16, 2006

Excavate contaminated soil on south and north side of road and push into stockpile with dozer. Haul D6R offsite. Spot and excavate contaminated soil around Sid Richardson gas line with backhoe. Load and haul 182 loads (3,276 cu. yds.) of contaminated soil to J & L Landfarm. Move west turnaround to north side of road.

Wednesday, May 17, 2006

Excavate contaminated soil on north and south side of road and push into stockpile with dozers. Excavate contaminated soil on north wall between Test Point H & F with trackhoe. Water roads and turnarounds. Load and haul 174 loads (3,132 cu. yds.) of contaminated soil to J & L Landfarm.

Thursday, May 18, 2006

Excavate contaminated soil on north and south side of road and push into stockpile with dozers. Excavate contaminated soil on north wall between Test Point H & F with trackhoe. Water roads and turnarounds. Load and haul 196 loads (3,528 cu. yds.) of contaminated soil to J & L Landfarm.

Friday, May 19, 2006

Excavate contaminated soil on north and south side of road and push into stockpile with dozers. Excavate contaminated soil on north wall between Test Point H & F with trackhoe. Water roads and turnarounds. Load and haul 122 loads (2,196 cu. yds.) of contaminated soil to J & L Landfarm.

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Maralo - Humble State #3 Tank Battery

Daily Summary

Saturday, May 20, 2006

Haul Cat Dozer D6R to site.

Monday, May 22, 2006

Haul Motorgrader to site. Begin leveling land to build roads and turnarounds at the area of the clean soil. Excavate contaminated soil on south and north sides of road and push into stockpile with dozers. Excavate contaminated soil on north wall between Test Point H & F with trackhoe. Water roads and turnarounds. Load and haul 177 loads (3,186 cu. yds.) of contaminated soil to J & L Landfarm.

Tuesday, May 23, 2006

Excavate contaminated soil on south and north sides of road and push into stockpile with dozer. Move dozer to caliche pit and stockpile caliche. Finish excavation of contaminated soil on north wall between Test Point H & F with trackhoe. Water roads and turnarounds. Load and haul 195 loads (3,510 cu. yds.) of contaminated soil to J & L Landfarm. Larry Johnson with NMOCD visited site and said that visually the walls and bottoms of test points F, G, H, and L look finished.

Wednesday, May 24, 2006

Excavate contaminated soil on north and south side of road and push into stockpile with dozer. Load contaminated soil with one loader and trackhoe and haul 198 loads (3,564 cu. yds.) to J & L Landfarm. Load caliche with one loader and haul 470 cu. yds. to build new road for clean site. Water new road, road to caliche pit, road to site, and turnarounds. Blade new road. Push and stockpile fresh top soil with dozer.

Thursday, May 25, 2006

Excavate contaminated soil on north side of road at test points I, J, and I to push into stockpile with dozer. Load contaminated soil with one loader and trackhoe and haul 200 loads (3,600 cu. yds.) to J & L Landfarm. Load caliche with one loader and haul 470 cu. yds. to build new road for clean site. Water new road, road to caliche pit, road to site, and turnarounds. Blade new road. Push and stockpile fresh topsoil with dozer. Sample walls and bottoms that NMOCD visually inspected for field analysis of PID (BTEX), TPH 418.1, and chloride; and

lab analysis of benzene, total BTEX, TPH 418.1, TPH 8015M, and chlorides as required for closure by NMOCD ruling. Plat map and pictures are attached for all samples taken.

Friday, May 26, 2006

Excavate contaminated soil on south side of road at test points D, C, B, and A to push into stockpile with dozer. Load contaminated soil with one loader and trackhoe and haul 200 loads (3,600 cu. yds.) to J & L Landfarm. Load caliche with one loader and haul 420 cu. yds. to build new road for clean site. Water new road, road to caliche pit, road to site, and turnarounds. Blade new road. Push and stockpile fresh topsoil with dozer.

Elke Environmental, Inc.

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Maralo - Humble State #3 Tank Battery

Daily Summary

Monday, May 29, 2006

Excavate contaminated soil on south and north sides of road and push into stockpile with dozer. Stockpile backfill soil with dozer. Load and haul 730 cu. yds. of caliche to build new road and turnarounds. Water and blade roads and turnarounds.

Tuesday, May 30, 2006

Excavate contaminated soil on south and north sides of road and push into stockpile with dozers and trackhoe. Stockpile backfill soil with dozer. Load caliche with backhoe and haul 140 cu. yds. to finish building new road. Water and blade roads and turnarounds. Load with loaders and haul 178 loads (3,024 cu. yds.) of contaminated soil to J & L Landfarm. Haul new cattlegaurds to site.

Wednesday, May 31, 2006

Excavate contaminated soil on south and north sides of road and push into stockpile with dozers and trackhoe. Stockpile backfill soil with dozer. Load caliche with backhoe and haul 80 cu. yds. to finish building new turnarounds. Water and blade roads and turnarounds. Load with loaders and haul 188 loads (3,384 cu. yds.) of contaminated soil to J & L Landfarm. Remove old cattlegaurds and begin installing new cattlegaurds. Move dozer from contaminated stockpile to clean stockpile.

Thursday, June 1, 2006

Excavate contaminated soil on south and north sides of road and push into stockpile with dozer and trackhoe. Stockpile backfill soil with dozers. Load and haul 27 loads (486 cu. yds.) of contaminated soil to J & L Landfarm.

Friday, June 2, 2006

Excavate contaminated soil on south and north sides of road and push into stockpile with dozers. Stockpile backfill soil with dozers. Load caliche with loader and haul 360 cu. yds. to repair road. Water and blade repairs in road. Load with loader and trackhoe to haul 121 loads (2,178 cu. yds.) of contaminated soil to J & L Landfarm.

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Maralo - Humble State #3 Tank Battery

Daily Summary

Monday, June 5, 2006

Excavate contaminated soil on walls with trackhoe, and excavate contaminated soil on south and north sides of road and push into stockpile with dozers. Stockpile backfill soil with dozer. Finish installing cattlegaurds then excavate contaminated soil around Plains oil line and Sid Richardson gas line with backhoe. Water roads and turnarounds. Load with loaders and haul 179 loads (3,222 cu. yds.) of contaminated soil to J & L Landfarm.

Tuesday, June 6, 2006

Excavate contaminated soil on walls with trackhoe, and excavate contaminated soil on south and north sides of road and push into stockpile with dozers. Stockpile backfill soil with dozer. Finish excavating contaminated soil around Plains oil line and Sid Richardson gas line with backhoe. Water roads and turnarounds. Load with loaders and haul 187 loads (3,366 cu. yds.) of contaminated soil to J & L Landfarm.

Wednesday, June 7, 2006

Excavate contaminated soil on walls with trackhoe, and excavate contaminated soil on south and north sides of road and push into stockpile with dozers. Stockpile backfill soil with dozer. Excavate contaminated soil around well head of Shell A-1 and Humble State #3 with backhoe. Water roads and turnarounds. Load with loaders and haul 176 loads (3,168 cu. yds.) of contaminated soil to J & L Landfarm. Sample walls for field analysis and lab confirmation.

Thursday, June 8, 2006

Excavate contaminated soil on walls with trackhoe, and excavate contaminated soil on south and north sides of road and push into stockpile with dozers. Stockpile backfill soil with dozer. Continue excavating contaminated soil around well head of Shell A-1 and Humble State #3 with backhoe, and sample bottom of each area for field analysis. Water roads and turnarounds. Load with loaders and haul 186 loads (3,348 cu. yds.) of contaminated soil to J & L Landfarm. Sample walls and bottoms for field analysis and lab confirmation.

Friday, June 9, 2006

Excavate contaminated soil on walls with trackhoe and backhoe, and excavate contaminated soil on south and north sides of road and push into stockpile with dozers. Stockpile backfill soil with dozer. Blade and water roads. Load with loaders and haul 114 loads (2,052 cu. yds.) of contaminated soil to J & L Landfarm.

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Maralo - Humble State #3 Tank Battery

Daily Summary

Monday, June 12, 2006

Excavate contaminated soil on walls with trackhoe, and excavate contaminated soil on south and north sides of road and push into stockpile with dozer. Stockpile backfill soil with dozer. Water and blade roads and turnarounds. Load with loader and haul 125 loads (2,625 cu. yds.) of backfill soil to site. Backfill soil with dozer and backhoe. Load with loader and haul 107 loads (1,926 cu. yds.) of contaminated soil to J & L Landfarm. Sample bottom areas and walls for field analysis and lab confirmation.

Tuesday, June 13, 2006

Excavate contaminated soil on walls with trackhoe, and excavate contaminated soil on south and north sides of road and push into stockpile with dozer. Stockpile backfill soil with dozer. Water and blade roads and turnarounds. Load with loader and haul 122 loads (2,562 cu. yds.) of backfill soil to site. Backfill soil with dozer and backhoe. Load with loader and haul 69 loads (1,242 cu. yds.) of contaminated soil to J & L Landfarm.

Wednesday, June 14, 2006

Excavate contaminated soil on walls with trackhoe, and excavate contaminated soil on south and north sides of road and push into stockpile with dozer. Sample bottom areas and walls for field analysis and lab confirmation. Water and blade roads and turnarounds. Load with loaders and haul 210 loads (4,410 cu. yds.) of backfill soil to site. Backfill soil with dozer and backhoe.

Thursday, June 15, 2006

Excavate contaminated soil on walls with trackhoe, and excavate contaminated soil on south and north sides of road and push into stockpile with dozers. Stockpile backfill soil with dozer. Finish excavating contaminated soil around well head of Shell A-1 and haul soil to main excavation area for backfill. Sample bottom areas and walls for field analysis and lab confirmation. Water and blade roads and turnarounds. Load with loaders and haul 84 loads (1,512 cu. yds.) of contaminated soil to J & L Landfarm.

Friday, June 16, 2006

Finish excavation of contaminated soil on walls with trackhoe, and push into stockpile with dozers. Stockpile backfill soil with dozer. Finish excavating contaminated soil around well head of Humble State #3 and haul soil to main excavation area for backfill. Finish sampling bottom areas and walls of main excavation area for field analysis and lab confirmation. Water and blade roads and turnarounds. Finish loading with loaders and haul 56 loads (1,008 cu. yds.) of contaminated soil to J & L Landfarm.

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Maralo - Humble State #3 Tank Battery

Daily Summary

Monday, June 19, 2006

Haul John Deere 850J Dozer to site. Stockpile backfill soil with dozers. Water and blade roads and turnarounds. Load with loader and trackhoe and haul 204 loads (4,284 cu. yds.) of backfill soil to site. Backfill soil with dozer and loader. Water backfill soil with water truck and laborhand as the soil is backfilled for compaction. Load with backhoe and haul contaminated soil from plugged and abandoned wells (Humble State #3 and Shell A - 1) to backfill at the bottom of main excavation. Begin report of analytical information, plat maps, and pictures required by NMOCD for approval of backfill.

Tuesday, June 20, 2006

Move trackhoe to excavation site. Take sample with trackhoe of soil already backfilled from the P & A wells for lab analysis, then move trackhoe back to load trucks. Stockpile backfill soil with dozers. Water and blade roads and turnarounds. Load with loader and trackhoe and haul 197 loads (4,137 cu. yds.) of backfill soil to site. Backfill soil with dozer, loader, and backhoe. Water backfill soil with water truck and laborhand as the soil is backfilled for compaction. Continue report of analytical information, plat maps, and pictures required by NMOCD for approval of backfill.

Wednesday, June 21, 2006

Stockpile backfill soil with dozers. Water and blade roads and turnarounds. Load with loader and trackhoe and haul 233 loads (4,893 cu. yds.) of backfill soil to site. Backfill soil with dozer, loader, and backhoe. Water backfill soil with water truck and laborhand as the soil is backfilled for compaction. Finish report of analytical information, plat maps, and pictures required by NMOCD for approval of backfill and send to Wayne Price.

Thursday, June 22, 2006

Stockpile backfill soil with dozers. Water and blade roads and turnarounds. Load with loader and trackhoe and haul 192 loads (4,032 cu. yds.) of backfill soil to site. Backfill soil with dozer, loader, and backhoe. Water backfill soil with water truck and laborhand as the soil is backfilled for compaction.

Friday, June 23, 2006

Stockpile backfill soil with dozers. Water and blade roads and turnarounds. Load with loader and trackhoe and haul 112 loads (2,252 cu. yds.) of backfill soil to site. Backfill soil with dozer and loader. Water backfill soil with water truck and laborhand as the soil is backfilled for compaction.

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Maralo - Humble State #3 Tank Battery

Daily Summary

Monday, June 26, 2006

Stockpile backfill soil with dozers. Water and blade roads and turnarounds. Load with loader and trackhoe and haul 204 loads (4,284 cu. yds.) of backfill soil to site. Backfill soil with dozer and loader.

Tuesday, June 27, 2006

Stockpile backfill soil with dozers. Water and blade roads and turnarounds. Load with loader and trackhoe and haul 195 loads (4,095 cu. yds.) of backfill soil to site. Backfill soil with dozer and loader.

Wednesday, June 28, 2006

Stockpile backfill soil with dozers. Water and blade roads and turnarounds. Load with loader and trackhoe and haul 202 loads (4,242 cu. yds.) of backfill soil to site. Backfill soil with dozer and loader.

Thursday, June 29, 2006

Stockpile backfill soil with dozers. Water and blade roads and turnarounds. Load with loader and trackhoe and haul 235 loads (4,935 cu. yds.) of backfill soil to site. Backfill soil with dozer and loader.

Friday, June 30, 2006

Stockpile backfill soil with dozers. Water and blade roads and turnarounds. Load with loader and trackhoe and haul 128 loads (2,688 cu. yds.) of backfill soil to site. Backfill soil with dozer and loader. Haul Cat Dozer D6R offsite.

Saturday, July 1, 2006

Stockpile backfill soil with dozers.

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Maralo - Humble State #3 Tank Battery

Daily Summary

Monday, July 3, 2006

Stockpile backfill soil with dozers. Remove mesquite trees with trackhoe.

Wednesday, July 5, 2006

Stockpile backfill soil with dozers. Remove mesquite trees with trackhoe. Load with loader and haul 504 cu. yds. of caliche to repair roads and turnarounds. Level caliche patches with loader and blade repaired roads. Water pack backfilled soil with freshwater.

Thursday, July 6, 2006

Stockpile backfill soil with dozers. Remove mesquite trees with trackhoe. Load with loader and haul 378 cu. yds. of caliche to repair roads and turnarounds. Level caliche patches with loader and blade repaired roads. Water pack backfilled soil with freshwater.

Friday, July 7, 2006

Stockpile backfill soil with dozers. Remove mesquite trees with trackhoe. Load with loader and haul 126 cu. yds. of caliche to repair roads and turnarounds. Level caliche patches with loader and blade repaired roads. Load with loader and haul 8 loads (144 cu. yds.) of contaminated soil from the P & A wells to J & L Landfarm. Water pack backfilled soil with freshwater.

Saturday, July 8, 2006

Water pack backfilled soil with freshwater.

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Maralo - Humble State #3 Tank Battery

Daily Summary

Monday, July 10, 2006

Stockpile backfill soil with dozer. Load with loader and trackhoe and haul 143 loads (3,003 cu. yds.) of backfill soil to site. Backfill soil into excavation with dozer and motorgrader. Water roads with water trucks. Finish sampling walls and bottoms on Humble State #3 well area. Run field analysis and take confirmation samples to lab.

Tuesday, July 11, 2006

Load with loader and trackhoe and haul 182 loads (3,822 cu. yds.) of backfill soil to site. Backfill soil into excavation with dozers and motorgrader. Water roads with water trucks.

Wednesday, July 12, 2006

Load with loaders and trackhoe and haul 192 loads (4,032 cu. yds.) of backfill soil to site. Backfill soil into excavation with dozers and motorgrader. Water roads with water trucks.

Thursday, July 13, 2006

Load with loaders and trackhoe and haul 182 loads (3,822 cu. yds.) of backfill soil to site. Backfill soil into excavation with dozers and motorgrader. Water roads with water trucks. Move both dozers to stockpile area.

Friday, July 14, 2006

Stockpile backfill soil with dozers. Blade and water roads with motorgrader and water trucks. Haul John Deere Loader 644H offsite and haul Cat Dozer D6R onsite.

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Maralo - Humble State #3 Tank Battery

Daily Summary

Saturday, July 15, 2006

Stockpile backfill soil with dozers. Waterpack backfilled soil with freshwater.

Sunday, July 16, 2006

Stockpile backfill soil with dozers. Waterpack backfilled soil with freshwater. Haul Cat Dozer D6N onsite and John Deere Trackhoe offsite.

Monday, July 17, 2006

Load with loader and haul 113 loads (2,373 cu. yds.) of backfill soil to site. Backfill soil into excavation with dozers and motorgrader. Water roads with water trucks.

Tuesday, July 18, 2006

Load with loader and haul 123 loads (2,583 cu. yds.) of backfill soil to site. Backfill soil into excavation with dozers and motorgrader. Water roads with water trucks.

Wednesday, July 19, 2006

Load with loader and haul 121 loads (2,541 cu. yds.) of backfill soil to site. Backfill soil into excavation with dozers and motorgrader. Water roads with water trucks.

Thursday, July 20, 2006

Load with loader and haul 118 loads (2,478 cu. yds.) of backfill soil to site. Backfill soil into excavation with dozers and motorgrader. Water roads with water trucks.

Friday, July 21, 2006

Load with loader and haul 78 loads (1,638 cu. yds.) of backfill soil to site. Backfill soil into excavation with dozers and motorgrader. Water roads with water trucks.

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Maralo - Humble State #3 Tank Battery

Daily Summary

Saturday, July 22, 2006

Waterpack backfilled soil with freshwater.

Sunday, July 23, 2006

Waterpack backfilled soil with freshwater. Haul Case Motorgrader offsite.

Monday, July 24, 2006

Load with loader and haul 129 loads (2,709 cu. yds.) of backfill soil to site. Backfill soil into main excavation and P & A wells with dozers. Water roads with water trucks.

Tuesday, July 25, 2006

Load with loader and haul 92 loads (1,932 cu. yds.) of backfill soil to site. Backfill soil into main excavation and P & A wells with dozers. Water roads with water trucks.

Wednesday, July 26, 2006

Load with loader and haul 74 loads (1,554 cu. yds.) of backfill soil to site. Backfill soil into main excavation and P & A wells with dozers. Water roads with water trucks.

Thursday, July 27, 2006

Load with loader and haul 137 loads (2,877 cu. yds.) of backfill soil to site. Backfill soil into main excavation and P & A wells with dozers. Water roads with water trucks.

Friday, July 28, 2006

Load with loader and haul 76 loads (1,596 cu. yds.) of backfill soil to site. Backfill soil into main excavation and finish backfill of P & A wells with dozers. Water roads with water trucks.

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Maralo - Humble State #3 Tank Battery

Daily Summary

Saturday, July 29, 2006

Waterpack backfilled soil with freshwater.

Sunday, July 30, 2006

Waterpack backfilled soil with freshwater.

Monday, July 31, 2006

Stockpile backfill soil with dozer. Load with loader and haul 120 loads (2,520 cu. yds.) of backfill soil to site. Backfill soil into main excavation with dozers. Water roads with water trucks.

Tuesday, August 1, 2006

Stockpile backfill soil with dozer. Load with loader and haul 129 loads (2,709 cu. yds.) of backfill soil to site. Backfill soil into main excavation with dozers. Water roads with water trucks.

Wednesday, August 2, 2006

Stockpile backfill soil with dozer. Load with loader and haul 134 loads (2,814 cu. yds.) of backfill soil to site. Backfill soil into main excavation with dozers. Water roads with water trucks.

Thursday, August 3, 2006

Stockpile backfill soil with dozer. Load with loader and haul 111 loads (2,331 cu. yds.) of backfill soil to site. Finish backfilling soil into main excavation with dozers and contour site to the surrounding area. Water roads with water trucks.

Friday, August 4, 2006

Load with loader and haul 315 cu. yds. of caliche from caliche pit to repair roads. Level caliche with dozer. Contour area where the backfill soil was removed to match surroundings with dozers. Water roads with water trucks.

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Maralo - Humble State #3 Tank Battery

Daily Summary

Friday, August 8, 2008

Meeting in Sante Fe NMOCD Office with Wayne Price, Daniel Sanchez, Logan Anderson, David Lauritzen and Geoffrey Perrin. Wayne Price asked for confirmation sampling around the Jal City Water Line for Chloride, TPH, BTEX and RCRA 8 Metals.

Monday, September 15, 2008

Sampled WL1, WL2, WL3 and WL4 points at depths of 2', 4' and 8' at each sample point. The Jal City Water Line is buried at 4' below ground surface. WL1 and WL4 are located in the area that was backfilled with soil hauled from Jay Anthony's Ranch during the backfill process 2 years ago.

Friday, September 26, 2008

Sampled two background points. The first background point was ¼ mile West of the Maralo Site on the Jal City Water Line right of way. The second point was on the south end of the site in the area of soil hauled from Jay Anthony's Ranch during the backfill process 2 years ago.

Attachment M

Lab Analytical Reports

All lab reports are in .pdf files on the attached CD.

Price, Wayne, EMNRD

From: Price, Wayne, EMNRD
Sent: Friday, October 24, 2008 4:00 PM
To: Logan Anderson (La_elkeenv@yahoo.com)
Cc: Sanchez, Daniel J., EMNRD; Johnson, Larry, EMNRD
Subject: AP-26 Humble State#3 Tank Battery

Ref: Order No. R-12152-A
Case No. 13142
Maralo, LLC

Dear Logan:

OCD is in receipt of the final closure report Dated October 14, 2008.

Reference Attachment A "Plat Maps of Site" please provide amended maps showing the GPS Lat-Long reading on the following points:

1. The approximately middle of the WL 1-4 points.
2. The old water well on-site.
3. The shell A-1 Wellhead
4. Humble State #3 Wellhead
5. Any other pertinent feature that would help ID the location of this project.
6. The waste manifest, if already submitted reference report.

Wayne Price-Environmental Bureau Chief
Oil Conservation Division
1220 S. Saint Francis
Santa Fe, NM 87505
E-mail wayne.price@state.nm.us
Tele: 505-476-3490
Fax: 505-476-3462

*Called 10/29/08 LOGAN
HE INDICATED HE WILL SEND INFO
IN ABOUT A WEEK!
JP*

New Mexico Energy, Minerals and Natural Resources Department

Bill Richardson
Governor

Joanna Prukop
Cabinet Secretary
Reese Fullerton
Deputy Cabinet Secretary

Mark Fesmire
Division Director
Oil Conservation Division



August 14, 2008

Mr. David W. Lauritzen- Attorney at Law
Cotton Bledsoe Tighe & Dawson, PC
500 West Illinois, Suite 300
Midland, Texas 79701-4337

Is this case closed?

Reference: Order No. R-12152-A
Case No. 13142
Maralo, LLC

Subject: AP-26 Remediation Work at Humble State #3 Tank Battery

Dear Mr. Laueitzen:

Pursuant to our meeting held in Santa Fe, New Mexico on August 08, 2008, Maralo, LLC will make arrangements to collect soil samples along the fresh water supply line owned and operated by the City of Jal, NM. As we discussed OCD is concerned about possible contaminants impacting the fresh water.

OCD will accept one composite sample collected from at least three places along the line where contaminants would most likely be present. The soil samples shall be analyzed for TPH 418.1 and 8015M DRO, GRO, BTEX 8021, WQCC metals and general chemistry.

Please have Maralo's consultant make arrangements with OCD so we may witness the sample event and/or split samples. Once OCD's has an opportunity to review the data and if deemed satisfactory, then OCD would like to see a final closure report for approval. To reduce paper work, Maralo may reference previously submitted documents if they are to be included in the final report. Once Maralo receives final closure from this office we will notify our bonding department for release of bonds.

If you have questions please do not hesitate to call me at 505-476-3490 or E-mail wayne.price@state.nm.us.

Sincerely,

Wayne Price-Environmental Bureau Chief

Cc: Daniel Sanchez-Enforcement and Compliance Officer
Geoffrey Perrin-Maralo, LLC



COTTON
BLEDSOE
TIGHE &
DAWSON, PC
Attorneys at Law

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Post Office Box 2776
Midland, Texas 79702-2776
500 West Illinois, Suite 300
Midland, Texas 79701
(432) 684-5782
(432) 682-3672 (Fax)

www.cottonbledsoe.com

DAVID W. LAURITZEN, Shareholder • Also Licensed in New Mexico • (432) 685-8555 (Direct Dial) • (432) 684-3137 (Direct Fax) • dlauritzen@cbtd.com

August 15, 2008

Via Email wayne.price@state.nm.us
and Regular Mail

Mr. Wayne Price
New Mexico Energy, Minerals
and Natural Resources Department
1220 South St. Francis Street
Santa Fe, New Mexico 87505

RE: AP-26 Remediation Work at Humble State #3 Tank Battery
Order No. R-12152-A
Case No. 13142
Maralo, LLC

Dear Mr. Price:

We are in receipt of your letter memorializing our discussions in Santa Fe, New Mexico on August 8, 2008. We believe your letter correctly sets out the contents of our discussions in Santa Fe. However, we have three (3) areas that we would like to clarify:

- (1) You have asked for soil sampling for WQCC metals. We understand that the standard test for this is referred to as "RCRA 8" and includes testing for arsenic, silver, barium, cadmium, chromium, lead, mercury and selenium. We wish to confirm that this is the test that the OCD wishes us to use.
- (2) You request testing for "General Chemistry". We believe this refers to a test for chlorides. We would appreciate it if you would confirm that this is the case.
- (3) We assume that the standards to which our soil sample analysis will be held are consistent with the standards set out in the March 3, 2006 letter from Mr. Daniel Sanchez. Specifically, contaminant levels are as follows: "benzene that exceeds 0.2 mg/kg as determined by EPA SW-846 Method 8021B; TPH that exceeds 500 mg/kg. (GRO/DRO) combined fraction, as determined by EPA SW-846 Method 8015M; total extractable petroleum

Mr. Wayne Price
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hydrocarbon fractions that exceed 5000 mg/kg as determined by EPA 418.1 Method; and chlorides that exceed 250 mg/kg as determined by EPA Method 300.1." With respect to WQCC metals that are not discussed in Mr. Sanchez' letter, we assume they are to meet WQCC standards.

We very much appreciate your professional courtesies and your attention to the matters discussed herein. We look forward to hearing from you as to these clarifications in the near future.

Very truly yours,

COTTON, BLEDSOE, TIGHE & DAWSON, P.C.


David W. Lauritzen

DWL/pm

cc: Daniel Sanchez
New Mexico Energy, Minerals
and Natural Resources Department
1220 South St. Francis Street
Santa Fe, New Mexico 87505

Geoffrey Perrin
Via Email

Logan Anderson
Via Facsimile



NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

BILL RICHARDSON

Governor

Joanna Prukop

Cabinet Secretary

Mark E. Fesmire, P.E.

Director

Oil Conservation Division

March 03, 2006

CERTIFIED MAIL

Return Receipt Requested: 7001 1940 0004 7923 4801

Maralo, LLC
Mr. David W. Lauritzen
C/o Cotton, Bledsoe, Tighe & Dawson
P.O. Box 2776
Midland, Texas 79701

Re: OCD Case 131142 Order R-12152-A
Humble State #3 Tank Battery Site
Jal, New Mexico

Dear Ladies and Gentlemen:

On December 09, 2004 the New Mexico Oil Conservation Commission issued an order requiring Maralo LLC. to perform approved delineation and remediation at the Humble State #3 Tank Battery Site. As of this date Maralo LLC has failed to perform the requirements of Order R-12152-A.

Therefore, OCD hereby orders Maralo LLC to perform the following actions:

1. Excavate all on-site contaminated soils that exceed the standards shown in item 2., down to a maximum depth of 10 feet below existing ground surface. All contaminated soils shall be disposed of off-site at an approved OCD facility.
2. Soils containing the following Levels of contaminants are contaminated soils: benzene that exceeds 0.2 mg/kg as determined by EPA SW-846 Method 8021B; total BTEX that exceeds 50 mg/kg as determined by EPA SW-846 Method 8021B; TPH that exceeds 500 mg/kg. (GRO/DRO) combined fraction, as determined by EPA SW-846 Method 8015M; total extractable petroleum hydrocarbon fractions that exceed 5000 mg/kg as determined by EPA 418.1 Method; and chlorides that exceed 250 mg/kg as determined by EPA Method 300.1.

3. Final confirmation samples shall be collected and analyzed for the constituents shown in item 2. Each excavated area shall have at a minimum 5 bottom hole samples taken and each side wall shall have at least one 4 point composite sample collected. In addition all obvious "hot spots" shall be sampled.
4. All excavated areas shall be backfilled and compacted with similar native clean soils only after OCD approval.
5. Re-vegetation by establishment of a vegetative cover over at least 70% of the site, consisting of at least two native plant species and not including noxious weeds, and maintenance of that cover through two successive growing seasons. Deviations for re-vegetation may be allowed if Maralo receives written landowner acceptance.
6. Maralo LLC shall notify the OCD Santa Fe office, OCD District office and the landowner at least 72 hours in advance of all scheduled activities so that the OCD has the opportunity to witness the events and/or split samples during OCD's normal business hours.
7. Maralo LLC shall submit a final report for OCD approval by June 15, 2006. The report shall contain the following information:
 - a. A scaled plot plan of the clean-up area showing pertinent features, location and dimensions of all excavated areas and final sample points.
 - b. Dated photos of the project, before, and during excavation, at sample points and after final closure.
 - c. Records of all waste manifest.
 - d. Daily log of major activities.
 - e. All Laboratory analytical results cross referenced to sample points.

Please note the OCD requirements stated above do not relieve Maralo LLC of responsibility for compliance with any other federal, state, or local laws and/or regulations.

If Maralo LLC wishes a technical meeting or guidance concerning the remediation requirement please contact Wayne Price Environmental Bureau Chief at 505-476-3487 or E-mail wayne.price.state.nm.us. If OCD does not hear from Maralo LLC within 15 days of receipt of this letter then OCD will assume Maralo LLC understands the requirements and shall commence work.

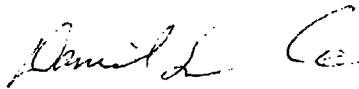
Maralo, LLC
Mr. David W. Lauritzen
C/o Cotton, Bledsoe, Tighe & Dawson

March 03, 2006

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Failure to perform the required actions by June 16, 2006 may result in civil penalties of \$1000 dollars per day for each day that Maralo LLC has been deficient in the clean-up operation.. If Maralo wants a hearing concerning the specific requirements of this directive it may file an application for a hearing with the Division clerk within 15 days of receipt of this letter.

Sincerely,



Daniel Sanchez
Enforcement & Compliance Manager

cc: Jay Anthony-Landowner
Tom Kellahin-attorney for Maralo LLC.
David Brooks, OCD legal