Elke Environmental, Inc.
4817 Andrews Hwy. Pho. 432-366-0043 Mail: P. O. Box 14167
Odessa, Tx. 79762 Fax: 432-366-0884 Odessa, Tx. 79768

OK-CW

January 11, 2007

Mr. Chris Williams
New Mexico Oil Conservation Division
1625 N. French Dr.
Hobbs, New Mexico 88240

SUBJECT: Closure Report for Apache Corporation – Grizzell #13 Reserve Pit
API # 30-025-37323 U/L O Sec. 8 T 22S R37E Lea County, NM

Dear Mr. Williams,

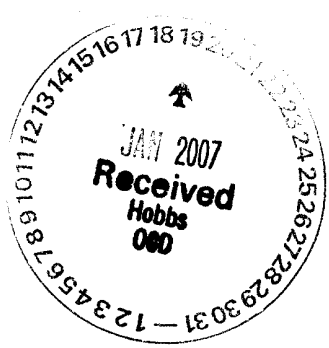
Enclosed is a copy of the initial form C-144 closure plan along with a drawing of the site indicating reserve and burial pit locations and field sample information. Also included are confirming laboratory samples and photos indicating varying stages of the pit closure.

The revised closure method is the result of a conversation between you and Robert Spangler with Elke on December 14, 2006.

As indicated by field and laboratory sample results, 2 of the 5 test points show a decline below 250 ppm in chloride content while points #2, #3 and #5 were showing sharp declines well above groundwater. As agreed, the reserve pit berm was used to backfill to 4 ft. bgs, covered with a 20 mil impervious liner, then backfilled with clean soil and domed to prevent pooling as described in the initial C-144 closure plan. The reserve pit contents were mixed and placed in burial pit as indicated by the drawing. The burial pit was capped with a 20 mil impervious liner.

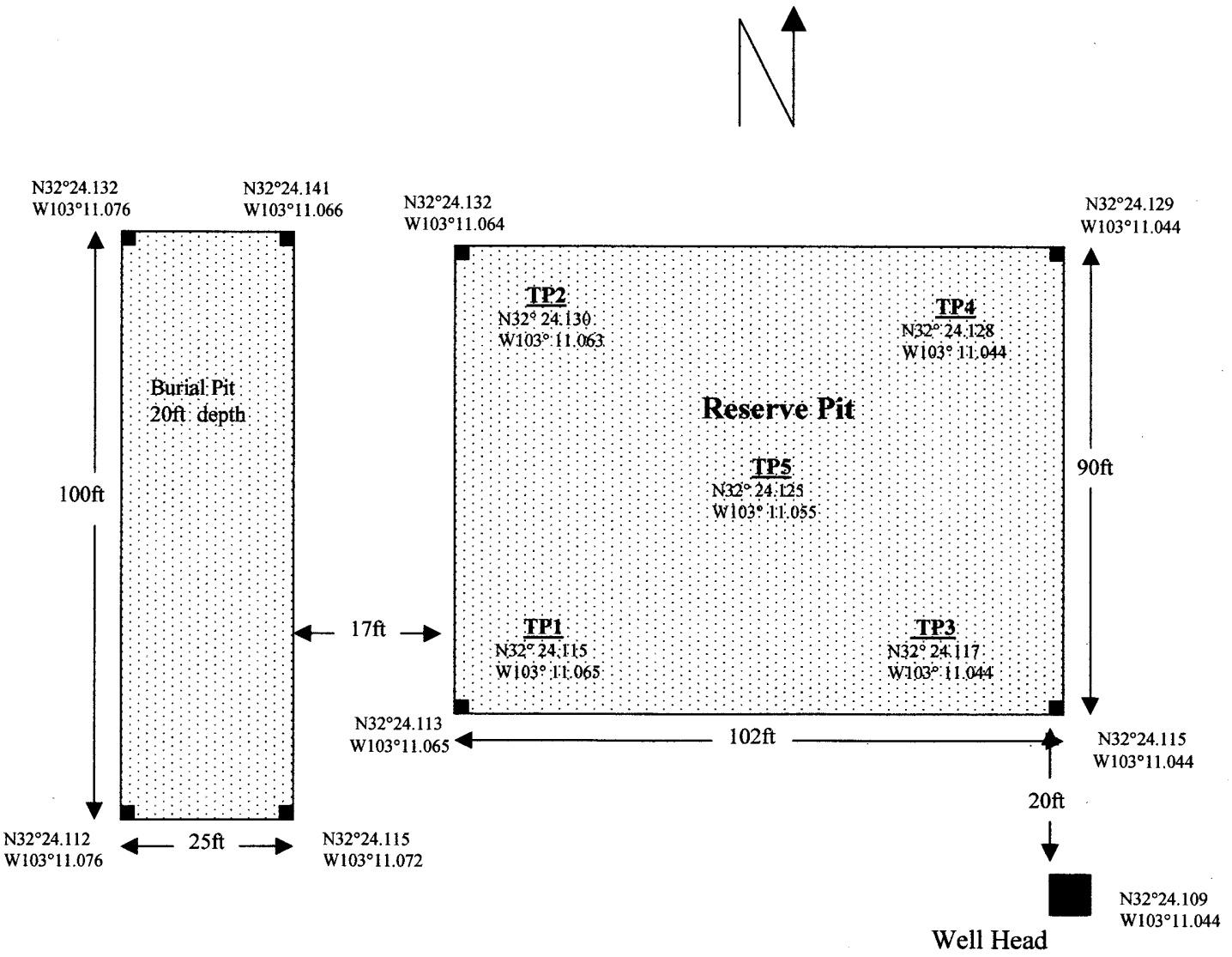
Any questions or concerns may be addressed to Robert Spangler at 432-638-4220 or Logan Anderson at 432-664-1269.

Sincerely,
Hamp Kerby
Hamp Kerby – Elke Environmental, Inc.



Apache Corp. - Grizzell #3 Reserve Pit

Diagram and Sample Points 12-13-06



Apache - Grizzell #13
Reserve Pit Field Sample Chart

Sample ID	Sample Date	Depth	Cl ppm	GPS
TP1	12/11/2006	4 ft	297	See Attached Map
	12/11/2006	6 ft	153	
TP2	12/11/2006	4 ft	3707	See Attached Map
	12/11/2006	6 ft	261	
	12/11/2006	8 ft	148	
TP3	12/11/2006	4 ft	1565	See Attached Map
	12/11/2006	6 ft	261	
	12/11/2006	8 ft	434	
	12/11/2006	10 ft	145	
	12/11/2006	12 ft	120	
TP4	12/11/2006	4 ft	607	See Attached Map
	12/11/2006	6 ft	178	
TP5	12/11/2006	4 ft	730	See Attached Map
	12/11/2006	6 ft	839	
	12/11/2006	8 ft	815	
	12/11/2006	10 ft	1019	
	12/11/2006	12 ft	384	
	12/11/2006	14 ft	120	

Apache - Grizzell #13
Reserve Pit Lab Sample Chart

Date	Sample Pt	Depth	Bemzene (ppm) (8012B)	Toluene	Eth'Benz	Xylene (p/m)	Xylene (0)	TPH (ppm) (8015M)	Chlorides (ppm)
12/12/2006	TP1	2 ft	ND	ND	ND	ND	ND	ND	ND
"	TP2	4 ft	ND	ND	ND	ND	ND	ND	ND
"	TP3	8 ft	ND	ND	ND	ND	ND	ND	340
"	TP4	2 ft	ND	ND	ND	ND	ND	ND	ND
"	TP5	12 ft	ND	ND	ND	ND	ND	ND	42.5

ENVIRONMENTAL LAB OF

12600 West I-20 East - Odessa, Texas 79765

Analytical Report

Prepared for:

Robert Spangler

Elke Environmental

P.O. Box 14167

Odessa, TX 79768

Project: Apache

Project Number: Grizzell #13

Location: None Given

Lab Order Number: 6L12002

Report Date: 12/20/06

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ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
TP1@ 2'	6L12002-01	Soil	12/11/06 08:50	12-12-2006 08:15
TP2@ 4'	6L12002-02	Soil	12/11/06 09:30	12-12-2006 08:15
TP3@ 8'	6L12002-03	Soil	12/11/06 09:50	12-12-2006 08:15
TP4@ 2'	6L12002-04	Soil	12/11/06 10:20	12-12-2006 08:15
TP5@ 12'	6L12002-05	Soil	12/11/06 11:30	12-12-2006 08:15

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Organics by GC
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
TP1@ 2' (6L12002-01) Soil									
Benzene	ND	0.0250	mg/kg dry	25	EL61903	12/19/06	12/19/06	EPA 8021B	
Toluene	ND	0.0250	"	"	"	"	"	"	
Ethylbenzene	ND	0.0250	"	"	"	"	"	"	
Xylene (p/m)	ND	0.0250	"	"	"	"	"	"	
Xylene (o)	ND	0.0250	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*112 %*	*80-120*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*99.0 %*	*80-120*		"	"	"	"	
Carbon Ranges C6-C12	ND	10.0	mg/kg dry	1	EL61216	12/12/06	12/12/06	EPA 8015M	
Carbon Ranges C12-C28	ND	10.0	"	"	"	"	"	"	
Carbon Ranges C28-C35	ND	10.0	"	"	"	"	"	"	
Total Hydrocarbons	ND	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		*93.4 %*	*70-130*		"	"	"	"	
Surrogate: 1-Chlorooctadecane		*85.2 %*	*70-130*		"	"	"	"	
TP2@ 4' (6L12002-02) Soil									
Benzene	ND	0.0250	mg/kg dry	25	EL61903	12/19/06	12/19/06	EPA 8021B	
Toluene	ND	0.0250	"	"	"	"	"	"	
Ethylbenzene	ND	0.0250	"	"	"	"	"	"	
Xylene (p/m)	ND	0.0250	"	"	"	"	"	"	
Xylene (o)	ND	0.0250	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*120 %*	*80-120*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*83.2 %*	*80-120*		"	"	"	"	
Carbon Ranges C6-C12	ND	10.0	mg/kg dry	1	EL61216	12/12/06	12/13/06	EPA 8015M	
Carbon Ranges C12-C28	ND	10.0	"	"	"	"	"	"	
Carbon Ranges C28-C35	ND	10.0	"	"	"	"	"	"	
Total Hydrocarbons	ND	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		*88.4 %*	*70-130*		"	"	"	"	
Surrogate: 1-Chlorooctadecane		*77.8 %*	*70-130*		"	"	"	"	

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Organics by GC

Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
TP3@ 8' (6L12002-03) Soil									
Benzene	ND	0.0250	mg/kg dry	25	EL61903	12/19/06	12/19/06	EPA 8021B	
Toluene	ND	0.0250	"	"	"	"	"	"	
Ethylbenzene	ND	0.0250	"	"	"	"	"	"	
Xylene (p/m)	ND	0.0250	"	"	"	"	"	"	
Xylene (o)	ND	0.0250	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*106 %*	*80-120*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*95.2 %*	*80-120*		"	"	"	"	
Carbon Ranges C6-C12	ND	10.0	mg/kg dry	1	EL61216	12/12/06	12/13/06	EPA 8015M	
Carbon Ranges C12-C28	ND	10.0	"	"	"	"	"	"	
Carbon Ranges C28-C35	ND	10.0	"	"	"	"	"	"	
Total Hydrocarbons	ND	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		*100 %*	*70-130*		"	"	"	"	
Surrogate: 1-Chlorooctadecane		*87.8 %*	*70-130*		"	"	"	"	
TP4@ 2' (6L12002-04) Soil									
Benzene	ND	0.0250	mg/kg dry	25	EL61903	12/19/06	12/19/06	EPA 8021B	
Toluene	ND	0.0250	"	"	"	"	"	"	
Ethylbenzene	ND	0.0250	"	"	"	"	"	"	
Xylene (p/m)	ND	0.0250	"	"	"	"	"	"	
Xylene (o)	ND	0.0250	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*105 %*	*80-120*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*105 %*	*80-120*		"	"	"	"	
Carbon Ranges C6-C12	ND	10.0	mg/kg dry	1	EL61216	12/12/06	12/13/06	EPA 8015M	
Carbon Ranges C12-C28	ND	10.0	"	"	"	"	"	"	
Carbon Ranges C28-C35	ND	10.0	"	"	"	"	"	"	
Total Hydrocarbons	ND	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		*99.0 %*	*70-130*		"	"	"	"	
Surrogate: 1-Chlorooctadecane		*85.8 %*	*70-130*		"	"	"	"	

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Organics by GC

Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
TP5@ 12' (6L12002-05) Soil									
Benzene	ND	0.0250	mg/kg dry	25	EL61903	12/19/06	12/19/06	EPA 8021B	
Toluene	ND	0.0250	"	"	"	"	"	"	
Ethylbenzene	ND	0.0250	"	"	"	"	"	"	
Xylene (p/m)	ND	0.0250	"	"	"	"	"	"	
Xylene (o)	ND	0.0250	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*97.0 %*	*80-120*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*94.5 %*	*80-120*		"	"	"	"	
Carbon Ranges C6-C12	ND	10.0	mg/kg dry	1	EL61216	12/12/06	12/13/06	EPA 8015M	
Carbon Ranges C12-C28	ND	10.0	"	"	"	"	"	"	
Carbon Ranges C28-C35	ND	10.0	"	"	"	"	"	"	
Total Hydrocarbons	ND	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		*89.4 %*	*70-130*		"	"	"	"	
Surrogate: 1-Chlorooctadecane		*77.2 %*	*70-130*		"	"	"	"	

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General Chemistry Parameters by EPA / Standard Methods
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
TP1@ 2' (6L12002-01) Soil									
Chloride	ND	20.0	mg/kg Wet	2	EL61302	12/12/06	12/13/06	SW 846 9253	
% Moisture	**8.8**	0.1	%	1	EL61303	12/12/06	12/13/06	% calculation	
TP2@ 4' (6L12002-02) Soil									
Chloride	ND	20.0	mg/kg Wet	2	EL61302	12/12/06	12/13/06	SW 846 9253	
% Moisture	**7.2**	0.1	%	1	EL61303	12/12/06	12/13/06	% calculation	
TP3@ 8' (6L12002-03) Soil									
Chloride	**340**	20.0	mg/kg Wet	2	EL61302	12/12/06	12/13/06	SW 846 9253	
% Moisture	**11.4**	0.1	%	1	EL61303	12/12/06	12/13/06	% calculation	
TP4@ 2' (6L12002-04) Soil									
Chloride	ND	20.0	mg/kg Wet	2	EL61302	12/12/06	12/13/06	SW 846 9253	
% Moisture	**3.6**	0.1	%	1	EL61303	12/12/06	12/13/06	% calculation	
TP5@ 12' (6L12002-05) Soil									
Chloride	**42.5**	20.0	mg/kg Wet	2	EL61302	12/12/06	12/13/06	SW 846 9253	
% Moisture	**10.1**	0.1	%	1	EL61303	12/12/06	12/13/06	% calculation	

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Organics by GC - Quality Control
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EL61216 - Solvent Extraction (GC)										
Blank (EL61216-BLK1)				Prepared & Analyzed: 12/12/06						
Carbon Ranges C6-C12	ND	10.0	mg/kg wet							
Carbon Ranges C12-C28	ND	10.0	"							
Carbon Ranges C28-C35	ND	10.0	"							
Total Hydrocarbons	ND	10.0	"							
Surrogate: 1-Chlorooctane	*49.1*		*mg/kg*	*50.0*		*98.2*	*70-130*			
Surrogate: 1-Chlorooctadecane	*47.5*		*"*	*50.0*		*95.0*	*70-130*			
LCS (EL61216-BS1)				Prepared & Analyzed: 12/12/06						
Carbon Ranges C6-C12	571	10.0	mg/kg wet	500		114	75-125			
Carbon Ranges C12-C28	539	10.0	"	500		108	75-125			
Carbon Ranges C28-C35	ND	10.0	"	0.00			75-125			
Total Hydrocarbons	1110	10.0	"	1000		111	75-125			
Surrogate: 1-Chlorooctane	*75.6*		*mg/kg*	*100*		*75.6*	*70-130*			
Surrogate: 1-Chlorooctadecane	*70.5*		*"*	*100*		*70.5*	*70-130*			
Calibration Check (EL61216-CCV1)				Prepared: 12/12/06 Analyzed: 12/13/06						
Carbon Ranges C6-C12	227		mg/kg	250		90.8	80-120			
Carbon Ranges C12-C28	239		"	250		95.6	80-120			
Total Hydrocarbons	467		"	500		93.4	80-120			
Surrogate: 1-Chlorooctane	*55.4*		*"*	*50.0*		*111*	*70-130*			
Surrogate: 1-Chlorooctadecane	*48.8*		*"*	*50.0*		*97.6*	*70-130*			
Matrix Spike (EL61216-MS1)	**Source: 6L12002-01**			Prepared: 12/12/06 Analyzed: 12/13/06						
Carbon Ranges C6-C12	472	10.0	mg/kg dry	548	ND	86.1	75-125			
Carbon Ranges C12-C28	430	10.0	"	548	ND	78.5	75-125			
Carbon Ranges C28-C35	ND	10.0	"	0.00	ND		75-125			
Total Hydrocarbons	902	10.0	"	1100	ND	82.0	75-125			
Surrogate: 1-Chlorooctane	*49.0*		*mg/kg*	*50.0*		*98.0*	*70-130*			
Surrogate: 1-Chlorooctadecane	*40.1*		*"*	*50.0*		*80.2*	*70-130*			

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Organics by GC - Quality Control
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EL61216 - Solvent Extraction (GC)										
Matrix Spike Dup (EL61216-MSD1)	**Source: 6L12002-01**			Prepared: 12/12/06 Analyzed: 12/13/06						
Carbon Ranges C6-C12	473	10.0	mg/kg dry	548	ND	86.3	75-125	0.232	20	
Carbon Ranges C12-C28	432	10.0	"	548	ND	78.8	75-125	0.381	20	
Carbon Ranges C28-C35	ND	10.0	"	0.00	ND		75-125		20	
Total Hydrocarbons	905	10.0	"	1100	ND	82.3	75-125	0.365	20	
Surrogate: 1-Chlorooctane	*48.5*		*mg/kg*	*50.0*		*97.0*	*70-130*			
Surrogate: 1-Chlorooctadecane	*40.0*		*"*	*50.0*		*80.0*	*70-130*			
Batch EL61903 - EPA 5030C (GC)										
Blank (EL61903-BLK1)				Prepared & Analyzed: 12/19/06						
Benzene	ND	0.0250	mg/kg wet							
Toluene	ND	0.0250	"							
Ethylbenzene	ND	0.0250	"							
Xylene (p/m)	ND	0.0250	"							
Xylene (o)	ND	0.0250	"							
Surrogate: a,a,a-Trifluorotoluene	*41.4*		*ug/kg*	*40.0*		*104*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*41.6*		*"*	*40.0*		*104*	*80-120*			
LCS (EL61903-BS1)				Prepared & Analyzed: 12/19/06						
Benzene	1.41	0.0250	mg/kg wet	1.25		113	80-120			
Toluene	1.37	0.0250	"	1.25		110	80-120			
Ethylbenzene	1.31	0.0250	"	1.25		105	80-120			
Xylene (p/m)	2.50	0.0250	"	2.50		100	80-120			
Xylene (o)	1.18	0.0250	"	1.25		94.4	80-120			
Surrogate: a,a,a-Trifluorotoluene	*47.8*		*ug/kg*	*40.0*		*120*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*40.8*		*"*	*40.0*		*102*	*80-120*			

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Organics by GC - Quality Control
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EL61903 - EPA 5030C (GC)										
Calibration Check (EL61903-CCV1)				Prepared: 12/19/06 Analyzed: 12/20/06						
Benzene	47.0		ug/kg	50.0		94.0	80-120			
Toluene	47.2		"	50.0		94.4	80-120			
Ethylbenzene	48.8		"	50.0		97.6	80-120			
Xylene (p/m)	89.3		"	100		89.3	80-120			
Xylene (o)	44.6		"	50.0		89.2	80-120			
Surrogate: a,a,a-Trifluorotoluene	*37.7*		"	*40.0*		*94.2*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*34.7*		"	*40.0*		*86.8*	*80-120*			
Matrix Spike (EL61903-MS1)		**Source: 6L11012-05**		Prepared: 12/19/06 Analyzed: 12/20/06						
Benzene	1.54	0.0250	mg/kg dry	1.49	0.0114	103	80-120			
Toluene	1.55	0.0250	"	1.49	0.0253	102	80-120			
Ethylbenzene	1.60	0.0250	"	1.49	0.0198	106	80-120			
Xylene (p/m)	3.00	0.0250	"	2.97	0.0570	99.1	80-120			
Xylene (o)	1.44	0.0250	"	1.49	0.0172	95.5	80-120			
Surrogate: a,a,a-Trifluorotoluene	*41.2*		*ug/kg*	*40.0*		*103*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*42.8*		"	*40.0*		*107*	*80-120*			
Matrix Spike Dup (EL61903-MSD1)		**Source: 6L11012-05**		Prepared: 12/19/06 Analyzed: 12/20/06						
Benzene	1.45	0.0250	mg/kg dry	1.49	0.0114	96.6	80-120	6.41	20	
Toluene	1.44	0.0250	"	1.49	0.0253	94.9	80-120	7.21	20	
Ethylbenzene	1.45	0.0250	"	1.49	0.0198	96.0	80-120	9.90	20	
Xylene (p/m)	2.78	0.0250	"	2.97	0.0570	91.7	80-120	7.76	20	
Xylene (o)	1.33	0.0250	"	1.49	0.0172	88.1	80-120	8.06	20	
Surrogate: a,a,a-Trifluorotoluene	*42.0*		*ug/kg*	*40.0*		*105*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*41.0*		"	*40.0*		*102*	*80-120*			

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General Chemistry Parameters by EPA / Standard Methods - Quality Control
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EL61302 - Water Extraction										
Blank (EL61302-BLK1)				Prepared: 12/12/06 Analyzed: 12/13/06						
Chloride	ND	20.0	mg/kg Wet							
LCS (EL61302-BS1)				Prepared & Analyzed: 12/13/06						
Chloride	91.5	5.00	mg/kg Wet	100		91.5	80-120			
Matrix Spike (EL61302-MS1)		**Source: 6L12009-01**		Prepared: 12/12/06 Analyzed: 12/13/06						
Chloride	851	20.0	mg/kg Wet	500	362	97.8	80-120			
Matrix Spike Dup (EL61302-MSD1)		**Source: 6L12009-01**		Prepared: 12/12/06 Analyzed: 12/13/06						
Chloride	861	20.0	mg/kg Wet	500	362	99.8	80-120	1.17	20	
Reference (EL61302-SRM1)				Prepared & Analyzed: 12/13/06						
Chloride	50.0		mg/kg	50.0		100	80-120			
Batch EL61303 - General Preparation (Prep)										
Blank (EL61303-BLK1)				Prepared: 12/12/06 Analyzed: 12/13/06						
% Solids	100		%							
Duplicate (EL61303-DUP1)		**Source: 6L12002-01**		Prepared: 12/12/06 Analyzed: 12/13/06						
Solids	91.1		%		91.2			0.110	20	

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

Elke Environmental
P.O. Box 14167
Odessa TX, 79768

Project: Apache
Project Number: Grizzell #13
Project Manager: Robert Spangler

Fax: (432) 366-0884

Notes and Definitions

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

Report Approved By: Raland K Tuttle Date: 12-20-06

Raland K. Tuttle, Lab Manager
Celey D. Keene, Lab Director, Org. Tech Director
Peggy Allen, QA Officer
Jeanne Mc Murrey, Inorg. Tech Director
LaTasha Cornish, Chemist
Sandra Sanchez, Lab Tech.

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

Environmental Lab of Texas

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

12600 West I-20 East
Odessa, Texas 79765

Phone: 432-563-1800
Fax: 432-563-1713

Project Manager: Robert Spangler
Company Name: Elke Environmental, Inc.
Company Address: 4817 Andrews Hwy
City/State/Zip: Odessa, TX 79762
Telephone No: 432-366-0043
Fax No: 432-366-0884
Sampler Signature: Robert Spangler
e-mail: elkeenv@yahoo.com

Project Name: Apache
Project #: Grizzell #13
Project Loc:
PO #:
Report Format: ☑ Standard ☐ TRRP ☐ NPDES

(lab use only)
ORDER #: 6L12002

LAB # (lab use only)	FIELD CODE	Beginning Depth	Ending Depth	Date Sampled	Time Sampled	No. of Containers	Preservation & # of Containers: Ice	HNO_3	HCl	H_2SO_4	NaOH	$Na_2S_2O_3$	None	Other (Specify)	Matrix: DW=Drinking Water SL=Sludge GW = Groundwater S=Soil/Solid NP=Non-Potable Specify Other	Analyze For: TPH: 418.1 8015M 1005 1006	Cations (Ca, Mg, Na, K)	Anions (Cl, SO_4, CO_3, HCO_3)	SAR / ESP / CEC	Metals: As Ag Ba Cd Cr Pb Hg Se	Volatiles	Semivolatiles	BTEX 8021B 5030 or BTEX 8260	RCI	N.O.R.M.	RUSH TAT (Pre-Schedule) 24, 48, 72 hrs	Standard TAT
01	TP1@2'		2'	12-11-06	8:50 AM	1	✓								S	✓		✓					✓				✓
02	TP2@4'		4'	12-11-06	9:30 AM	1	✓								S	✓		✓					✓				✓
03	TP3@8'		8'	12-11-06	9:50 AM	1	✓								S	✓		✓					✓				✓
04	TP4@2'		2'	12-11-06	10:20 AM	1	✓								S	✓		✓					✓				✓
05	TP5@12'		12'	12-11-06	11:30 Am	1	✓								S	✓		✓					✓				✓

Special Instructions: Please Email Results to ElkeenV@Yahoo.com

Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by: Robert Spangler	Date 12-12-06	Time 8:15	Received by ELQT:	Date 12/12/06	Time 8:15

Laboratory Comments:
Sample Containers Intact? Y N
VOCs Free of Headspace? Y N
Custody seals on container(s) Y N
Custody seals on cooler(s) Y N
Sample Hand Delivered by Sampler/Client Rep. ? Y N
by Courier? UPS DHL FedEx Lone Star
Temperature Upon Receipt: 0.5 °C

Environmental Lab of Texas

Variance/ Corrective Action Report- Sample Log-In

Client: Elke Env.

Date/ Time: 12/12/00 8:15

Lab ID #: 101.12002

Initials: CK

Sample Receipt Checklist

					Client Initials
#1	Temperature of container/ cooler?	Yes	No	0.5 °C	
#2	Shipping container in good condition?	Yes	No		
#3	Custody Seals intact on shipping container/ cooler?	Yes	No	Not Present	
#4	Custody Seals intact on sample bottles/ container?	Yes	No	Not Present	
#5	Chain of Custody present?	Yes	No		
#6	Sample instructions complete of Chain of Custody?	Yes	No		
#7	Chain of Custody signed when relinquished/ received?	Yes	No		
#8	Chain of Custody agrees with sample label(s)?	Yes	No	ID written on Cont./ Lid	
#9	Container label(s) legible and intact?	Yes	No	Not Applicable	
#10	Sample matrix/ properties agree with Chain of Custody?	Yes	No		
#11	Containers supplied by ELOT?	Yes	No		
#12	Samples in proper container/ bottle?	Yes	No	See Below	
#13	Samples properly preserved?	Yes	No	See Below	
#14	Sample bottles intact?	Yes	No		
#15	Preservations documented on Chain of Custody?	Yes	No		
#16	Containers documented on Chain of Custody?	Yes	No		
#17	Sufficient sample amount for indicated test(s)?	Yes	No	See Below	
#18	All samples received within sufficient hold time?	Yes	No	See Below	
#19	Subcontract of sample(s)?	Yes	No	Not Applicable	
#20	VOC samples have zero headspace?	Yes	No	Not Applicable	

Variance Documentation

Contact: _____ Contacted by: _____ Date/ Time: _____

Regarding: _____

Corrective Action Taken: _____

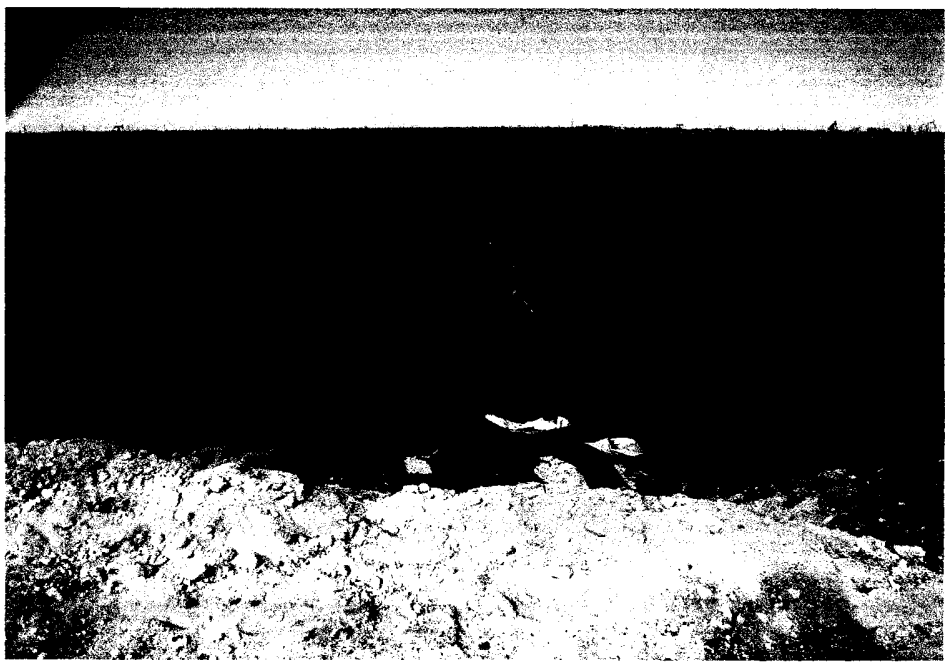
Check all that Apply:

- ☐ See attached e-mail/ fax
- ☐ Client understands and would like to proceed with analysis
- ☐ Cooling process had begun shortly after sampling event

Small tear in liner

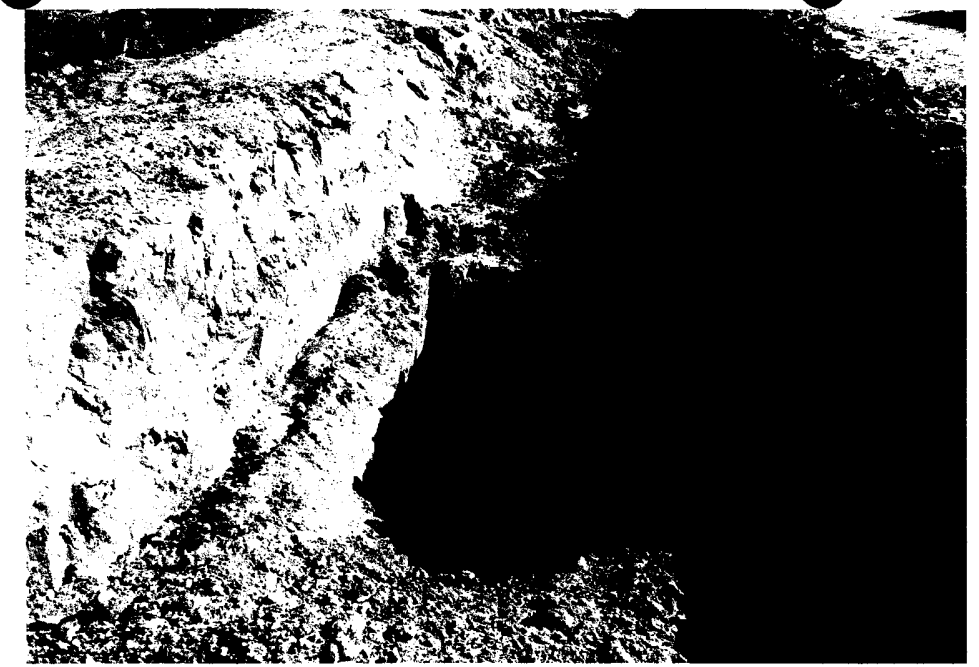
Burial Pit

Mud after mixing



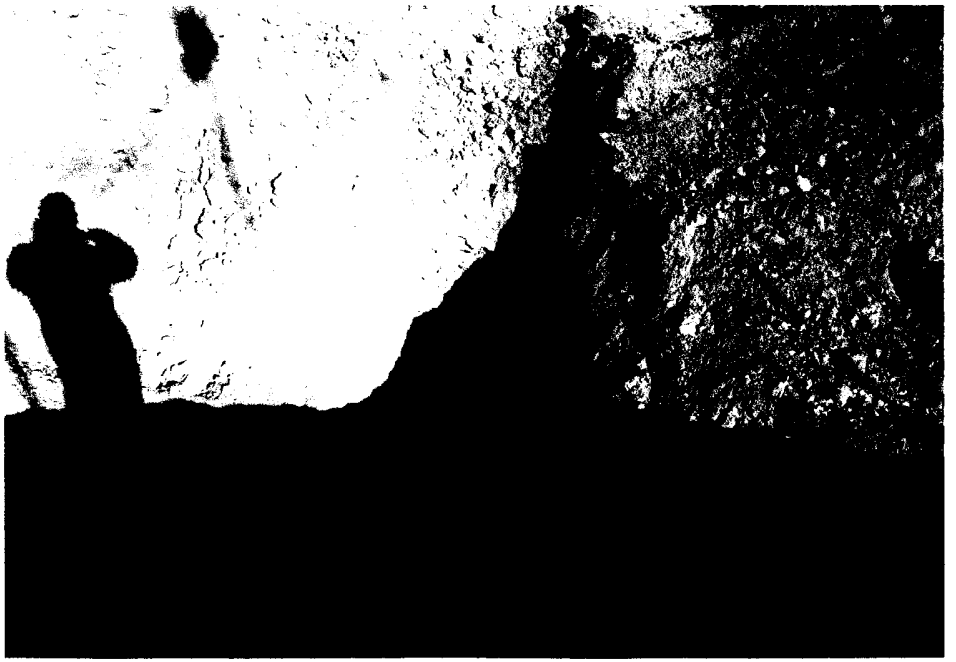
Burial pit after liner

Burial pit after mud



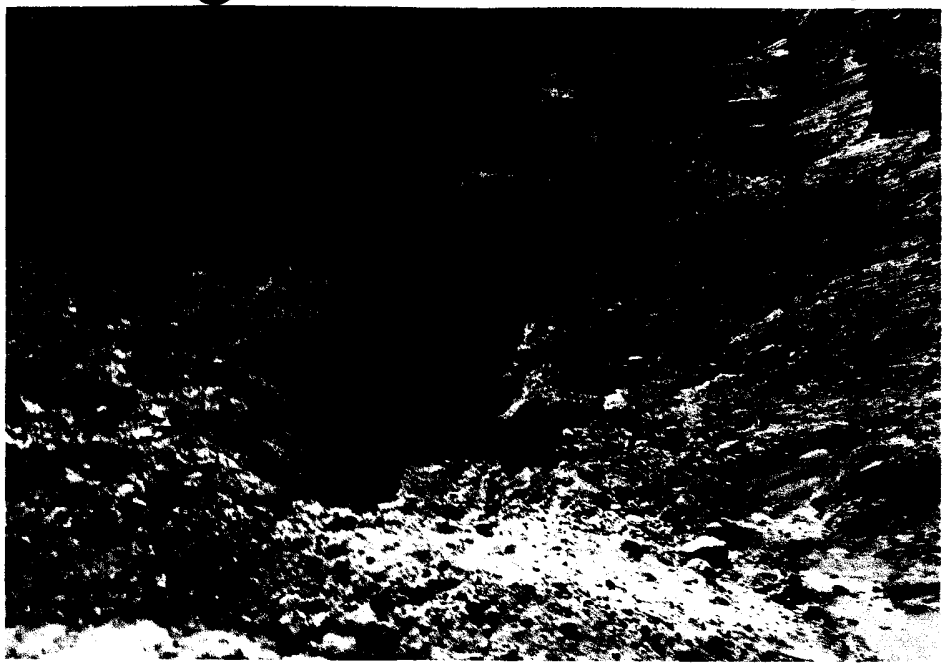
Test hole #1

Test hole #2

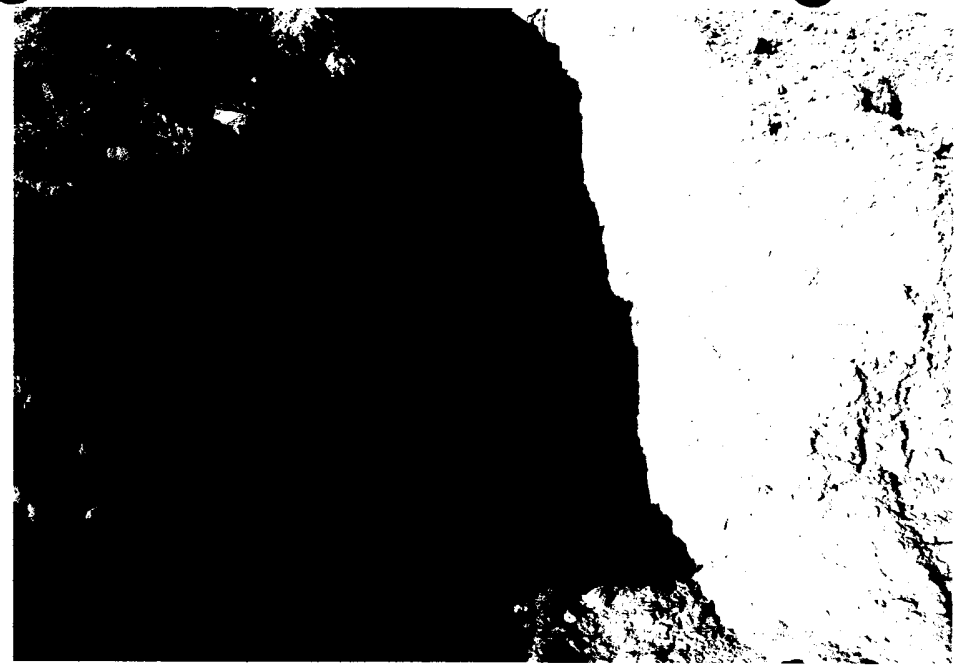


Test hole #3

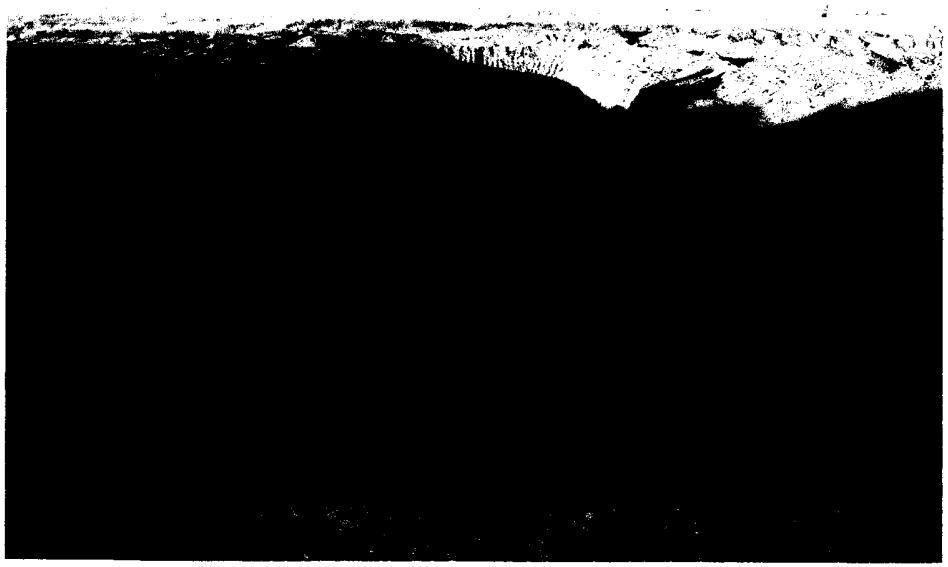
Apache Corp. [redacted]zzell #3



Test hole #4



Test hole #5



Burial pit after cap

Reserve pit after 20 Mil cap

Apache Corp. - Grizzell #3

After backfill

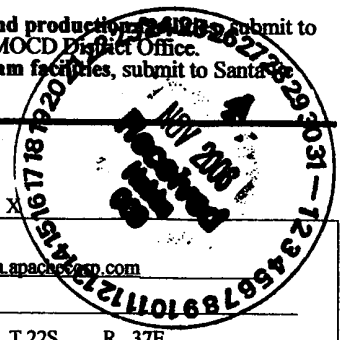
District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-144
June 1, 2004

For drilling and production facilities, submit to appropriate NMOCD District Office.
For downstream facilities, submit to Santa Fe office



Pit or Below-Grade Tank Registration or Closure

Is pit or below-grade tank covered by a "general plan"? Yes ☐ No X
Type of action: Registration of a pit or below-grade tank ☐ Closure of a pit or below-grade tank X

Operator: Apache Corporation Telephone: 432-527-3311 e-mail address: harold.swain@usa.apachecorp.com
Address: P. O. Box 848 Wink, Tx. 79789
Facility or well name: Grizzell#13 API #: 30-025-37323 U/L or Qtr/Qtr O Sec 8 T 22S R 37E
County: Lea Latitude _____ Longitude _____ NAD: 1927 ☐ 1983 ☐
Surface Owner: Federal ☐ State ☐ Private X ☐ Indian ☐

Pit	Below-grade tank	
Type: Drilling X ☐ Production ☐ Disposal ☐ Workover ☐ Emergency ☐ Lined X ☐ Unlined ☐ Liner type: Synthetic ☐ Thickness ____mil Clay ☐ Pit Volume _____bbl	Volume: ____bbl Type of fluid: _____ Construction material: _____ Double-walled, with leak detection? Yes ☐ If not, explain why not.	
Depth to ground water (vertical distance from bottom of pit to seasonal high water elevation of ground water.) **71.48 ft.**	Less than 50 feet 50 feet or more, but less than 100 feet 100 feet or more	(20 points) (10 points) X (0 points)
Wellhead protection area: (Less than 200 feet from a private domestic water source, or less than 1000 feet from all other water sources.)	Yes No	(20 points) (0 points) X
Distance to surface water: (horizontal distance to all wetlands, playas, irrigation canals, ditches, and perennial and ephemeral watercourses.)	Less than 200 feet 200 feet or more, but less than 1000 feet 1000 feet or more	(20 points) (10 points) (0 points) X
	Ranking Score (Total Points)	10 points

If this is a pit closure: (1) Attach a diagram of the facility showing the pit's relationship to other equipment and tanks. (2) Indicate disposal location: (check the onsite box if your are burying in place) onsite X ☐ offsite ☐ If offsite, name of facility_____. (3) Attach a general description of remedial action taken including remediation start date and end date. (4) Groundwater encountered: No X ☐ Yes ☐ If yes, show depth below ground surface_____ft. and attach sample results. (5) Attach soil sample results and a diagram of sample locations and excavations.

Additional Comments: **Drilling Pit Closure Plan:** Pit contents will be mixed with clean native soil and stiffened for burial. A burial pit will be constructed adjacent to the reserve pit and lined with a 12 mil impervious liner with a 3 ft. overlap on all sides. The mixture of pit contents and clean native soil will be moved into the burial pit and covered with a 20 mil impervious liner at least 3 ft. below ground surface with a 3 ft. overlap on all sides. The burial pit will then be covered with at least 3 ft. of native soil and domed to prevent pooling. The reserve pit bottom will be sampled in 5 locations and tested for chlorides to OCD Guidelines to assure the pit liner was not breached. The Reserve pit will then be covered with clean native soil and domed to prevent pooling. Water depth is 71.48 ft. bgs per the New Mexico State Engineer's Data Base.

Expected Start Date 11-30-06 Finish Date Unk.

I hereby certify that the information above is true and complete to the best of my knowledge and belief. **I further certify that the above-described pit or below-grade tank has been/will be constructed or closed according to NMOCD guidelines X a general permit ☐, or an (attached) alternative OCD-approved plan ☐.**

Date11-27-06 elkeenv@yahoo.com 432-366-0043

Printed Name/Title C. H. Kerby/ Agent Signature C H. Kerby Elke Environmental

Your certification and NMOCD approval of this application/closure does not relieve the operator of liability should the contents of the pit or tank contaminate ground water or otherwise endanger public health or the environment. Nor does it relieve the operator of its responsibility for compliance with any other federal, state, or local laws and/or regulations.

Approval:
Printed Name/Title GARY W. WINK/STAFF MGR Signature Gary W. Wink Date: 11/28/06