1R - 427-159

APPROVALS

YEAR(S):

2013

Hansen, Edward J., EMNRD

From: Hansen, Edward J., EMNRD
Sent: Monday, June 17, 2013 5:56 PM
To: Hack Conder (hconder@riceswd.com)
Cc: Leking, Geoffrey R, EMNRD; Laura Pena (lpena@riceswd.com); Katie Jones <kjones@riceswd.com> (kjones@riceswd.com); Scott Curtis (scurtis@riceswd.com)
Subject: Remediation Plan (1R427-159) Termination - ROC EME H-27-1 Site

RE: Termination Request
for the Rice Operating Company's
EME H-27-1 Site
Unit Letter H, Section 27, T19S, R36E, NMPM, Lea County, New Mexico
Remediation Plan (1R427-159) Termination

Dear Mr. Conder:

The New Mexico Oil Conservation Division (OCD) has received Rice Operating Company's report and request to close the above-referenced site, dated June 12, 2013 (received June 14, 2013). The reports are acceptable to the OCD.

The above-referenced report, submitted in accordance with 19.15.29 NMAC (Rule 29; formally, Rule 116), indicates that Rice Operating Company has met the requirements of 19.15.29 NMAC; therefore, the OCD approves the report and hereby notifies you that the remediation plan (1R427-159) is terminated in accordance with 19.15.29 NMAC.

Please be advised that OCD approval of this report does not relieve the owner/operator of responsibility should operations pose a threat to ground water, surface water, human health or the environment. In addition, OCD approval does not relieve the owner/operator of responsibility for compliance with any OCD, federal, state, or local laws and/or regulations.

If you have any questions regarding this matter, please contact me at 505-476-3489.

Edward J. Hansen
Hydrologist
Environmental Bureau

RICE *Operating Company*
122 West Taylor • Hobbs, New Mexico 88240
Phone: (575) 393-9174 • Fax: (575) 397-1471

RECEIVED OCD
2013 JUN 14 P 2:07

CERTIFIED MAIL
RETURN RECEIPT NO. 7007 2560 0000 4569 8876

June 12, 2013

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

RE: Termination Request
EME H-27-1 (1R427-159): UL/H, Sec. 27, T19S, R36E
RICE Operating Company – Eunice Monument Eumont SWD System

Mr. Hansen:

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

Background
In 2004, ROC initiated work on the former H-27-1 junction box. The site is located in UL/H, Sec. 27, T19S, R36E. NM OSE records indicate that groundwater would likely be encountered at +/- 59 ft. The site was delineated using a backhoe to collect soil samples at regular intervals, creating a 20x10x13 ft deep excavation. Each sample was field titrated for chlorides and field screened using a PID for hydrocarbons, resulting in chloride concentrations that decreased with depth and low PID readings. Representative samples of the sidewalls and bottom were collected and sent to a commercial laboratory for analysis of chloride and TPH, resulting in a sidewall chloride concentration of 542 mg/kg and a gasoline range organics (GRO) and a diesel range organics (DRO) concentration below detectable limits. The bottom sample resulted in a chloride concentration of 1,000 mg/kg and concentrations of GRO and DRO below detectable limits. The excavation was backfilled to 6 ft bgs with remediated excavated soil. A sample of the remediated backfill was sent to a commercial laboratory for analysis of chloride and TPH, resulting in a chloride concentration of 287 mg/kg, a GRO concentration below detectable limits and a DRO concentration of 52.9 mg/kg. At 6 ft bgs, a 1 ft thick compacted clay layer was installed. The clay layer will provide a barrier that will inhibit the downward migration of chlorides to groundwater. The remaining

excavation was backfilled with the remediated backfill to ground surface and contoured to the surrounding area. On October 10/7/04, the site was seeded with a blend of native vegetation.

To further investigate the depth of chloride presence, a soil bore was initiated on November 12, 2004 at 5 ft east of the former junction box site. The boring was advanced to a depth of 45 ft BGS with soil samples collected every 5 ft between 20 and 45 ft. Each sample was field titrated for chlorides and field screened using a PID for hydrocarbons, resulting in concentrations that decreased with depth. The 45 ft sample was sent to a commercial laboratory for analysis, resulting in a chloride, GRO, and DRO concentration below detectable limits.

Vegetation has rebounded at the site so no re-vegetation efforts are needed. A junction box is no longer required.

The junction box site location map, area map, final report, photodocumentation, cross-section diagram, laboratory analysis, PID sheet and current photodocumentation are attached.

Recommendations
Site investigation demonstrates that residual chloride and hydrocarbons in the vadose zone will not with reasonable probability contaminate groundwater in excess of NMOCD standards. This site meets the requirements of the NMOCD-approved Revised Junction Box Upgrade Work Plan (July 16, 2003). As such, ROC request termination of the regulatory file, or similar closure status.

Please contact me at (575)393-9174 if you have any questions or wish to discuss this site. Thank you for your time and consideration.

Sincerely,
RICE Operating Company

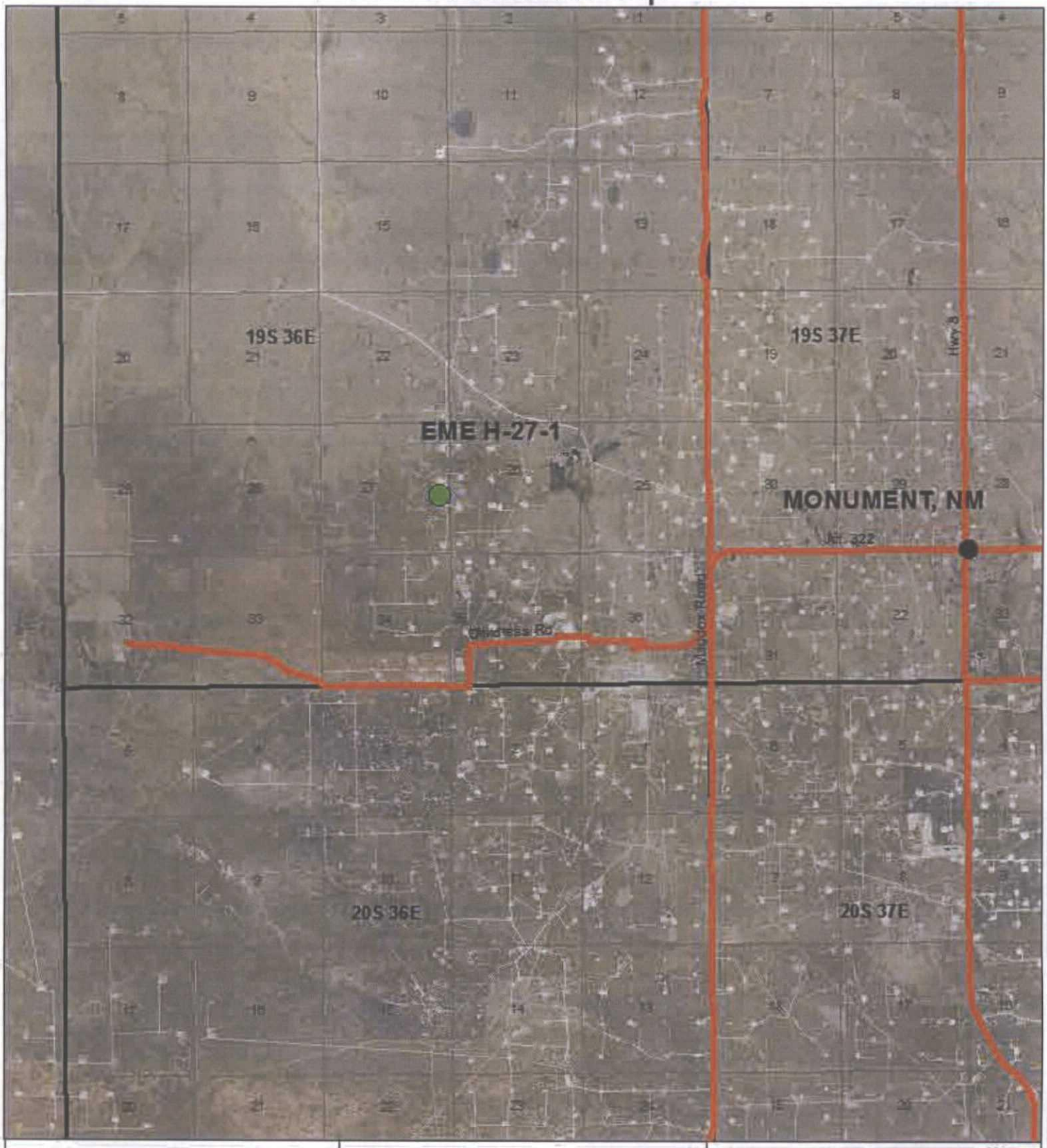
Hack Conder
Environmental Manager

enclosures

Site Maps

RICE *Operating Company* (ROC)
112 West Taylor Hobbs, NM 88240
Phone: (575) 393-9174 Fax: (575) 397-1471

Site Location Map



RICE ENVIRONMENTAL RECS CONSULTING & SAFETY, LLC

EME H-27-1

UL/H, SECTION 27,
T19S, R36E
LEA COUNTY, NM

NMOCD #: 1R427-159

N
W E
S

0 0.8 1.6
Miles

Drawing date: 6/12/13

Area Map

RICE ENVIRONMENTAL CONSULTING & SAFETY, LLC

RECS

EME H-27-1

UL/H, SECTION 27,
T19S, R36E
LEA COUNTY, NM

NMOCD #: 1R427-159

N
W E
S

0 0.2 0.4
Miles

Drawing date: 6/12/13

Junction Box Report

RICE *Operating Company* (ROC)
112 West Taylor Hobbs, NM 88240
Phone: (575) 393-9174 Fax: (575) 397-1471

RICE OPERATING COMPANY
JUNCTION BOX FINAL REPORT

BOX LOCATION

SWD SYSTEM	JUNCTION	UNIT	SECTION	TOWNSHIP	RANGE	COUNTY	BOX DIMENSIONS - FEET		
							Length	Width	Depth
EME	H-27-1	H	27	19S	36E	Lea	eliminated--no box		

LAND TYPE: BLM ____ STATE X FEE LANDOWNER ____ OTHER ____

Depth to Groundwater 59 feet NMOCD SITE ASSESSMENT RANKING SCORE: 10

Date Started 9/3/2004 Date Completed 11/12/2004 NMOCD Witness no

Soil Excavated 96 cubic yards Excavation Length 20 Width 10 Depth 13 feet

Soil Disposed 0 cubic yards Offsite Facility n/a Location n/a

FINAL ANALYTICAL RESULTS:

Sample Date 9/9/2004, 11/12/2004 **Sample Depth** 12, 45 ft

Procure 5-point composite sample of bottom and 4-point composite sample of excavation sidewalls. TPH and chloride laboratory test results completed by using an approved lab and testing procedures pursuant to NMOCD guidelines.

Sample Location	PID ppm	GRO mg/kg	DRO mg/kg	Chloride mg/kg
4-WALL COMP.	0.0	<10.0	<10.0	542
BOTTOM COMP.	0.0	<10.0	<10.0	1000
REMED. BACKFILL	0.0	<10.0	52.9	287
SOIL BORE @ 45 ft	1.7	<10.0	<10.0	<20

CHLORIDE FIELD TESTS

LOCATION	DEPTH (ft)	ppm
5 ft *WEST* of junction	3	509
	4	810
	5	449
	6	510
	7	449
	13	779
15 ft *WEST* of junction	3	629
	4	599
	5	570
	6	509
	7	539
	8	480
	9	539
	10	390
	11	239
	12	210
Soil Bore 5 ft *EAST* of junction	20	827
	25	1183
	30	393
	41	90
	42	47
	43	52
	45	56

General Description of Remedial Action: This junction box site was located just east of a lease road. The junction was eliminated with the pipeline replacement project. The box lumber was removed and the site was delineated using a backhoe while PID readings and chloride field tests were conducted at regular intervals. Samples were taken from the 10 x 10 x 12-ft-deep excavation for lab confirmation (results listed above). The bottom composite result was incongruent with chloride field tests so the excavation was extended to more accurately characterize chloride impact. 5 ft west of the junction exhibited elevated chloride levels so the excavation was extended to 15 ft west where a conclusive decline with depth and breadth was established (see graph). The final 10 x 20 x 13-ft-deep excavation yield elevated chloride on the east side of the excavation at 13 ft BGS. A soil bore was initiated on 11/12/04 to further characterize chloride concerns east of the box site. A conclusive trend of decline was observed, indicative of non-saturated vadose conditions. The bore was aborted at 45 ft BGS where lab results yielded non-detect chloride levels (<20 ppm) in the sample. The 10 x 20 x 13 ft excavation was backfilled to 6 ft BGS with the excavated soil that was remediated on site. At 6 ft, a 1-ft-thick compacted clay barrier was installed to inhibit further downward migration of chloride. The remaining spoils were backfilled on top of the clay and leveled to the surface. On 10/7/04 the disturbed surface was seeded with a blend of native vegetation. An identification plate has been placed on the surface to mark the clay below. A junction box is no longer required at this site.

enclosures: chloride graphs, photos, lab results, PID field screenings, clay test, bore log, cross-section

I HEREBY CERTIFY THAT THE INFORMATION ABOVE IS TRUE AND COMPLETE TO THE BEST OF MY KNOWLEDGE AND BELIEF.

SITE SUPERVISOR Rob Elam SIGNATURE not available COMPANY Curt's Environmental--Odessa, TX

REPORT ASSEMBLED BY Kristin Farris Pope SIGNATURE Kristin Farris Pope

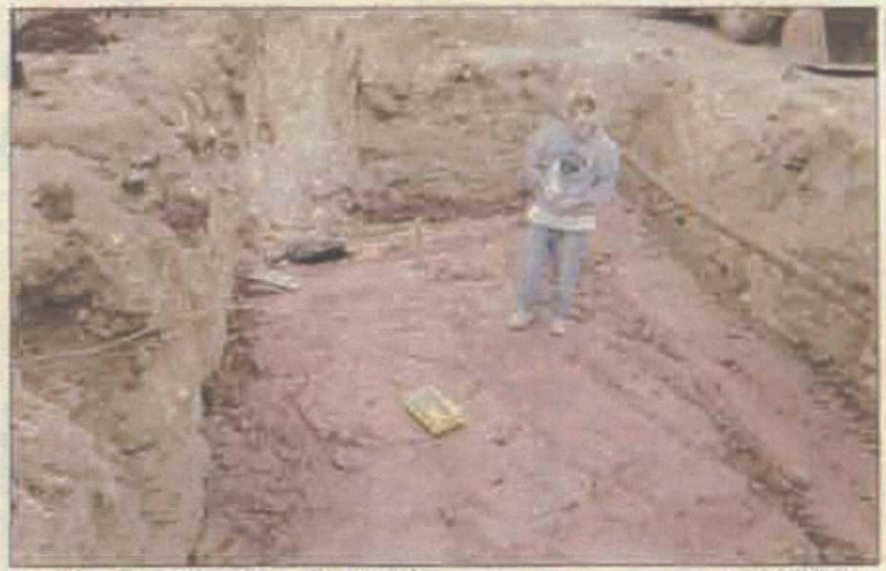
DATE 12/17/2004 TITLE Project Scientist

EME jct. H-27

unit 'H', sec. 27, T19S, R36E

undisturbed junction box before excavation 8/20/2004

excavation & delineation 10 x 10 x 7-ft 9/7/2004



testing clay barrier at 6 ft BGS 10/6/2004

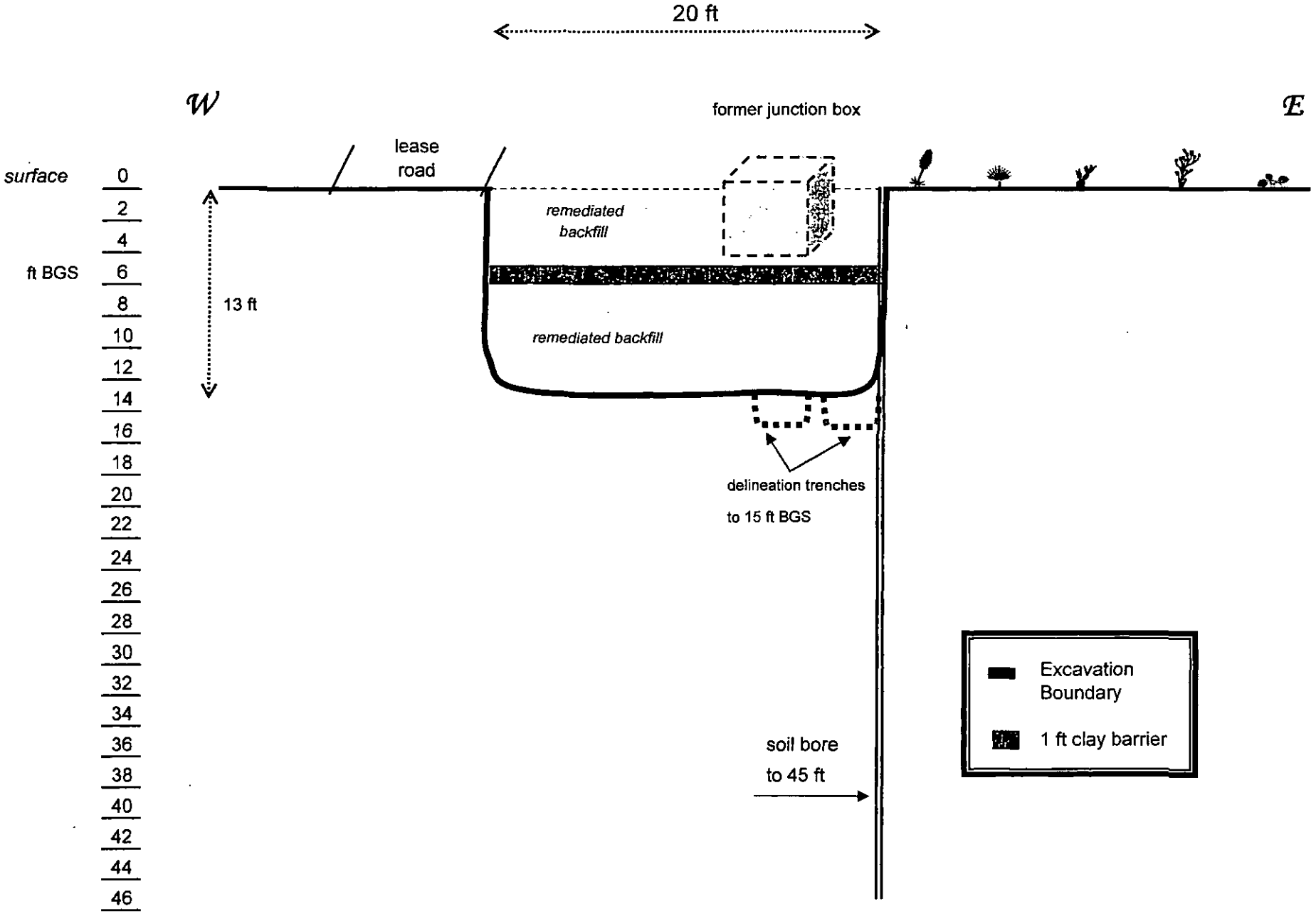
seeding disturbed area at backfilled site; clay ID plate at feet 10/7/2004

delineation drilling 11/12/2004

EME jct. H-27-1

20 x 10 x 13 ft

Excavation Cross-Section



ENVIRONMENTAL LAB OF

12600 West I-20 East - Odessa, Texas 79765

Analytical Report

Prepared for:

Roy Rascon

Rice Operating Co.

122 W. Taylor

Hobbs, NM 88240

Project: EME Jct. H-27-1 S.B.

Project Number: None Given

Location: EME

Lab Order Number: 4K15006

Report Date: 11/22/04

Rice Operating Co.	Project: EME Jct. H-27-1	Fax: (505) 397-1471
122 W. Taylor	Project Number: None Given	**Reported:**
Hobbs NM, 88240	Project Manager: Roy Rascon	11/22/04 11:08

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SB @ 45' on East Wall	4K15006-01	Soil	11/12/04 14:45	11/15/04 07:25

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

Rice Operating Co.	Project: EME Jct. H-27-1	Fax: (505) 397-1471
122 W. Taylor	Project Number: None Given	**Reported:**
Hobbs NM, 88240	Project Manager: Roy Rascon	11/22/04 11:08

Organics by GC

Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB @ 45' on East Wall (4K15006-01) Soil									
Gasoline Range Organics C6-C12	ND	10.0	mg/kg dry	1	EK41509	11/15/04	11/16/04	EPA 8015M	
Diesel Range Organics >C12-C35	ND	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	ND	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		*77.3 %*	*70-130*		"	"	"	"	
Surrogate: 1-Chlorooctadecane		*87.4 %*	*70-130*		"	"	"	"	

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

Rice Operating Co.	Project: EME Jct. H-27-1	Fax: (505) 397-1471
122 W. Taylor	Project Number: None Given	**Reported:**
Hobbs NM, 88240	Project Manager: Roy Rascon	11/22/04 11:08

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

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB @ 45' on East Wall (4K15006-01) Soil									
Chloride	ND	20.0	mg/kg Wet	2	EK41905	11/15/04	11/19/04	SW 846 9253	
% Moisture	**3.0**		%	1	EK41601	11/15/04	11/16/04	% calculation	

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

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 EK41509 - Solvent Extraction (GC)										
Blank (EK41509-BLK1)				Prepared: 11/15/04 Analyzed: 11/16/04						
Gasoline Range Organics C6-C12	ND	10.0	mg/kg wet							
Diesel Range Organics >C12-C35	ND	10.0	"							
Total Hydrocarbon C6-C35	ND	10.0	"							
Surrogate: 1-Chlorooctane	*37.0*		"	*50.0*		*74.0*	*70-130*			
Surrogate: 1-Chlorooctadecane	*40.6*		"	*50.0*		*81.2*	*70-130*			
LCS (EK41509-BS1)				Prepared: 11/15/04 Analyzed: 11/16/04						
Gasoline Range Organics C6-C12	536	10.0	mg/kg wet	500		107	75-125			
Diesel Range Organics >C12-C35	624	10.0	"	500		125	75-125			
Total Hydrocarbon C6-C35	1160	10.0	"	1000		116	75-125			
Surrogate: 1-Chlorooctane	*54.8*		"	*50.0*		*110*	*70-130*			
Surrogate: 1-Chlorooctadecane	*52.1*		"	*50.0*		*104*	*70-130*			
Calibration Check (EK41509-CCV1)				Prepared: 11/15/04 Analyzed: 11/17/04						
Gasoline Range Organics C6-C12	465		mg/kg	500		93.0	80-120			
Diesel Range Organics >C12-C35	600		"	500		120	80-120			
Total Hydrocarbon C6-C35	1060		"	1000		106	80-120			
Surrogate: 1-Chlorooctane	*53.8*		*mg/kg wet*	*50.0*		*108*	*70-130*			
Surrogate: 1-Chlorooctadecane	*53.9*		"	*50.0*		*108*	*70-130*			
Matrix Spike (EK41509-MS1)		**Source: 4K15003-02**		Prepared: 11/15/04 Analyzed: 11/16/04						
Gasoline Range Organics C6-C12	477	10.0	mg/kg dry	538	ND	88.7	75-125			
Diesel Range Organics >C12-C35	628	10.0	"	538	ND	117	75-125			
Total Hydrocarbon C6-C35	1100	10.0	"	1080	ND	102	75-125			
Surrogate: 1-Chlorooctane	*53.8*		"	*53.8*		*100*	*70-130*			
Surrogate: 1-Chlorooctadecane	*50.1*		"	*53.8*		*93.1*	*70-130*			
Matrix Spike Dup (EK41509-MSD1)		**Source: 4K15003-02**		Prepared: 11/15/04 Analyzed: 11/16/04						
Gasoline Range Organics C6-C12	446	10.0	mg/kg dry	538	ND	82.9	75-125	6.72	20	
Diesel Range Organics >C12-C35	596	10.0	"	538	ND	111	75-125	5.23	20	
Total Hydrocarbon C6-C35	1040	10.0	"	1080	ND	96.3	75-125	5.61	20	
Surrogate: 1-Chlorooctane	*51.5*		"	*53.8*		*95.7*	*70-130*			
Surrogate: 1-Chlorooctadecane	*48.3*		"	*53.8*		*89.8*	*70-130*			

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 EK41601 - General Preparation (Prep)										
Blank (EK41601-BLK1)				Prepared: 11/15/04 Analyzed: 11/16/04						
% Moisture	0.0		%							
Duplicate (EK41601-DUP1)		**Source: 4K12010-01**		Prepared: 11/15/04 Analyzed: 11/16/04						
% Moisture	8.0		%		8.0			0.00	20	
Batch EK41905 - Water Extraction										
Blank (EK41905-BLK1)				Prepared: 11/15/04 Analyzed: 11/19/04						
Chloride	ND	20.0	mg/kg Wet							
Matrix Spike (EK41905-MS1)		**Source: 4K12018-01**		Prepared: 11/15/04 Analyzed: 11/19/04						
Chloride	574	20.0	mg/kg Wet	500	106	93.6	80-120			
Matrix Spike Dup (EK41905-MSD1)		**Source: 4K12018-01**		Prepared: 11/15/04 Analyzed: 11/19/04						
Chloride	584	20.0	mg/kg Wet	500	106	95.6	80-120	1.73	20	
Reference (EK41905-SRM1)				Prepared & Analyzed: 11/19/04						
Chloride	5000		mg/kg	5000		100	80-120			

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: 11-22-04

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

Environmental Lab of Texas, Inc.

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

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

Project Manager: Roy Rascon
Company Name: RICE Operating
Company Address: 122 W. Taylor
City/State/Zip: Hobbs, NM 88240
Telephone No: (505) 393-9174
Fax No: (505) 397-1471
Sampler Signature: Israel Juarez

Project Name: EME JCT H-27-1
Project #: ——
Project Loc: EME
PO #:

LAB # (lab use only)	FIELD CODE	Date Sampled	Time Sampled	No. of Containers (4oz glass)	Ice	HNO_3	HCl	NaOH	H_2SO_4	None	Other (Specify)	Water	Sludge	Soil	Other (specify):	~~TDS~~ (Cl) ~~SAR/EC~~	TPH 418.1	TPH TX 1005/1006	TPH 8015M GRO/DRO	Metals: As Ag Ba Cd Cr Pb Hg Se	Volatiles	Semivolatiles	BTEX 8021B/5030							RUSH TAT (Pre-Schedule)	Standard TAT
4K15006 -01	SB @ 45' on East Wall	11/12/04	2:45	1	X									X		X			X												

Analyze For: TCLP: / TOTAL:

Preservative | Matrix

Special Instructions:

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

Relinquished by:	Date	Time	Received by:	Date	Time
[signature]	11-15-04	5:25			

Relinquished by:	Date	Time	Received by ELOT:	Date	Time
Drop Box	11-15-04	0725	Jeanne McMurry	11-15-04	0725

Environmental Lab of Texas
Variance / Corrective Action Report – Sample Log-In

Client: Rice Operating

Date/Time: 11-15-04 @ 0930

Order #: 4K15006

Initials: JMM

Sample Receipt Checklist

Temperature of container/cooler?	(Yes)	No	4.0 C
Shipping container/cooler in good condition?	(Yes)	No	
Custody Seals intact on shipping container/cooler?	Yes	No	(Not present)
Custody Seals intact on sample bottles?	Yes	No	(Not present)
Chain of custody present?	(Yes)	No	
Sample Instructions complete on Chain of Custody?	(Yes)	No	
Chain of Custody signed when relinquished and received?	(Yes)	No	
Chain of custody agrees with sample label(s)	(Yes)	No	
Container labels legible and intact?	(Yes)	No	
Sample Matrix and properties same as on chain of custody?	(Yes)	No	
Samples in proper container/bottle?	(Yes)	No	
Samples properly preserved?	(Yes)	No	
Sample bottles intact?	(Yes)	No	
Preservations documented on Chain of Custody?	(Yes)	No	
Containers documented on Chain of Custody?	(Yes)	No	
Sufficient sample amount for indicated test?	(Yes)	No	
All samples received within sufficient hold time?	(Yes)	No	
VOC samples have zero headspace?	(Yes)	No	Not Applicable

Other observations:

_____

_____

_____

Variance Documentation:

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

Regarding:

_____

_____

_____

Corrective Action Taken:

_____

_____

_____

_____

_____

_____

_____

_____

HOBBS, NEW MEXICO 88240
PHONE: (505) 393-9174 FAX: (505) 397-1471

VOC FIELD TEST REPORT FORM

MINI RAE PLUS CLASSIC PHOTOIONIZATION GAS DETECTOR

MODEL NO: PGM 761S
SERIAL NO: 104412
CALIBRATION GAS
GAS COMPOSITION: ISOBUTYLENE 100 PPM
AIR BALANCE
LOT NO: 03-2475
FILL DATE: 7-7-04
EXP. DATE: 1-7-06
ACCURACY: ± 2%
METER READING
ACCURACY: 98.9

SYSTEM	JUNCTION	UNIT	SECTION	TOWNSHIP	RANGE
EME	H-27-1	H	27	19	36

EAST WALL BORE 5' EAST

SAMPLE	PID RESULT	SAMPLE	PID RESULT
@ 10'	0.2		
15'	0.4		
20'	2.0		
25'	1.8		
30'	0.6		
41'	1.6		
42'	0.7		
43'	1.4		
45'	1.7		

I certify that I have calibrated the above instrument in accordance to the manufacture operation manual.

Israel Suarez
Signature

11/12/04
Date

ENVIRONMENTAL LAB OF

12600 West I-20 East - Odessa, Texas 79765

Analytical Report

Prepared for:

Roy Rascon
Rice Operating Co.
122 W. Taylor
Hobbs, NM 88240

Project: Jct. H-27-1
Project Number: None Given
Location: EME

Lab Order Number: 4I10008

Report Date: 09/15/04

Rice Operating Co.	Project: Jct. H-27-1	Fax: (505) 397-1471
122 W. Taylor	Project Number: None Given	**Reported:**
Hobbs NM, 88240	Project Manager: Roy Rascon	09/15/04 07:59

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
12' Bottom Comp.	4I10008-01	Soil	09/09/04 15:00	09/09/04 19:20
Wall Comp.	4I10008-02	Soil	09/09/04 15:00	09/09/04 19:20
Backfill Comp.	4I10008-03	Soil	09/09/04 15:00	09/09/04 19:20

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

Rice Operating Co.	Project: Jct. H-27-1	Fax: (505) 397-1471
122 W. Taylor	Project Number: None Given	**Reported:**
Hobbs NM, 88240	Project Manager: Roy Rascon	09/15/04 07:59

Organics by GC

Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
12' Bottom Comp. (4I10008-01) Soil									
Gasoline Range Organics C6-C12	ND	10.0	mg/kg dry	1	EI41006	09/10/04	09/13/04	EPA 8015M	
Diesel Range Organics >C12-C35	ND	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	ND	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		*85.2 %*	*70-130*		"	"	"	"	
Surrogate: 1-Chlorooctadecane		*72.6 %*	*70-130*		"	"	"	"	
Wall Comp. (4I10008-02) Soil									
Gasoline Range Organics C6-C12	ND	10.0	mg/kg dry	1	EI41006	09/10/04	09/13/04	EPA 8015M	
Diesel Range Organics >C12-C35	ND	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	ND	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		*96.8 %*	*70-130*		"	"	"	"	
Surrogate: 1-Chlorooctadecane		*72.4 %*	*70-130*		"	"	"	"	
Backfill Comp. (4I10008-03) Soil									
Gasoline Range Organics C6-C12	ND	10.0	mg/kg dry	1	EI41006	09/10/04	09/13/04	EPA 8015M	
Diesel Range Organics >C12-C35	**52.9**	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	**52.9**	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		*101 %*	*70-130*		"	"	"	"	
Surrogate: 1-Chlorooctadecane		*78.8 %*	*70-130*		"	"	"	"	

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Current Photodocumentation

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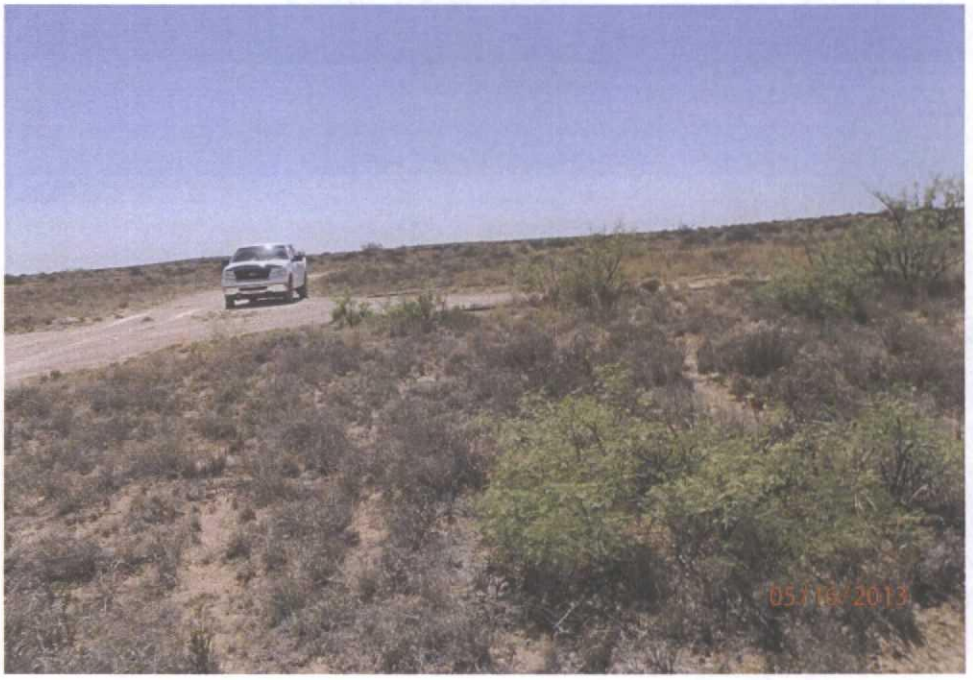
EME H-27-1 (1R427-159)

UL/H, Section 27, T19S, R36E

Facing NW 5/16/2013



Facing West 5/16/2013