

1R - 427-356

REPORTS

DATE:

2-28-11

1R427-35

EME Jct. H-32
2010

RECEIVED
APR -1 2011
Oil Conservation Division
1220 S. St. Francis Drive
Santa Fe, NM 87505

CLOSURE

**RICE OPERATING COMPANY
JUNCTION BOX FINAL REPORT**

BOX LOCATION

SWD SYSTEM	JUNCTION	UNIT	SECTION	TOWNSHIP	RANGE	COUNTY	BOX DIMENSIONS - FEET		
							Length	Width	Depth
Eunice Monument Eumont (EME)	Jct. H-32	H	32	19S	37E	Lea	Eliminated		

LAND TYPE: BLM _____ STATE _____ FEE LANDOWNER Irwin Boyd OTHER _____

Depth to Groundwater 31 feet NMOCD SITE ASSESSMENT RANKING SCORE: 20

Date Started 7/26/2010 Date Completed 7/26/2010 OCD Witness no

Soil Excavated 0.0 cubic yards Excavation Length 0 Width 0 Depth 0 feet

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

FINAL ANALYTICAL RESULTS: Sample Date 7/26/2010 Sample Depth 12 ft

TPH and Chloride laboratory test results completed by using an approved lab and testing procedures pursuant to NMOCD guidelines.

Sample Location	PID (field) ppm	GRO mg/kg	DRO mg/kg	Chloride mg/kg
Source @ 12'	60.2	<10.0	<10.0	64

CHLORIDE FIELD TESTS

LOCATION	DEPTH	mg/kg
Soil Bore # 1 at former junction (Source)	3'	59
	4'	98
	5'	89
	6'	101
	7'	108
	8'	91
	9'	86
	10'	89
	11'	88
	12'	85

General Description of Remedial Action: This junction was eliminated during the pipeline replacement/upgrade program. After the junction box was removed, a soil bore was conducted at the former junction box due to the inability to excavate through the rock formation. Chloride field test performed on each sample yielded low concentrations. Organic vapors were measured using a PID, which yielded relatively low concentrations. The deepest sample, 12 ft. BGS, was sent to a commercial laboratory for analysis of chloride and TPH, which confirmed low concentrations of each. The entire bore hole was plugged with bentonite to ground surface. The site was not seeded due to the vegetation was intact.

enclosures: photos, soil bore log, lab results, PID (field) screenings, chloride curve

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

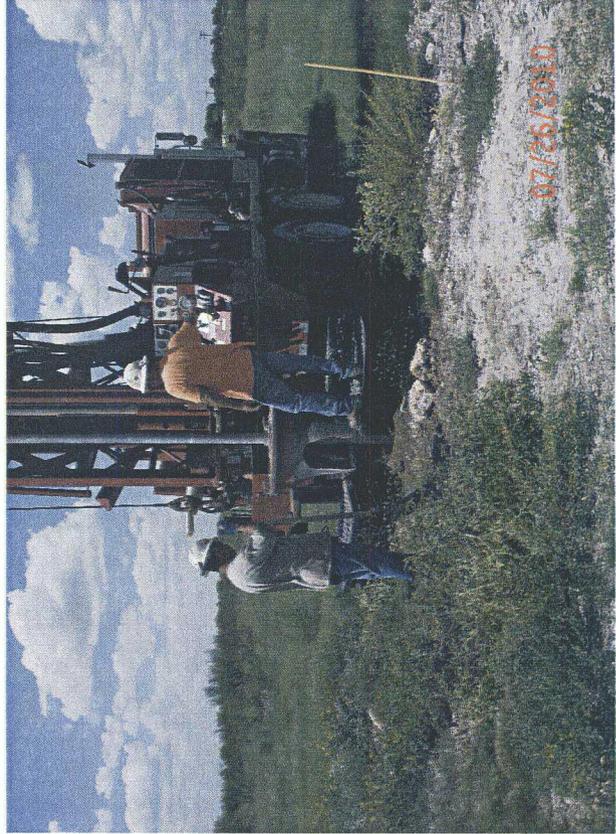
SITE SUPERVISOR Jordan Woodfin SIGNATURE *Jordan Woodfin* COMPANY RICE OPERATING COMPANY

REPORT ASSEMBLED BY Larry Bruce Baker Jr. INITIAL LB

PROJECT LEADER Larry Bruce Baker Jr. SIGNATURE *Larry Bruce Baker Jr.* DATE 2-28-11

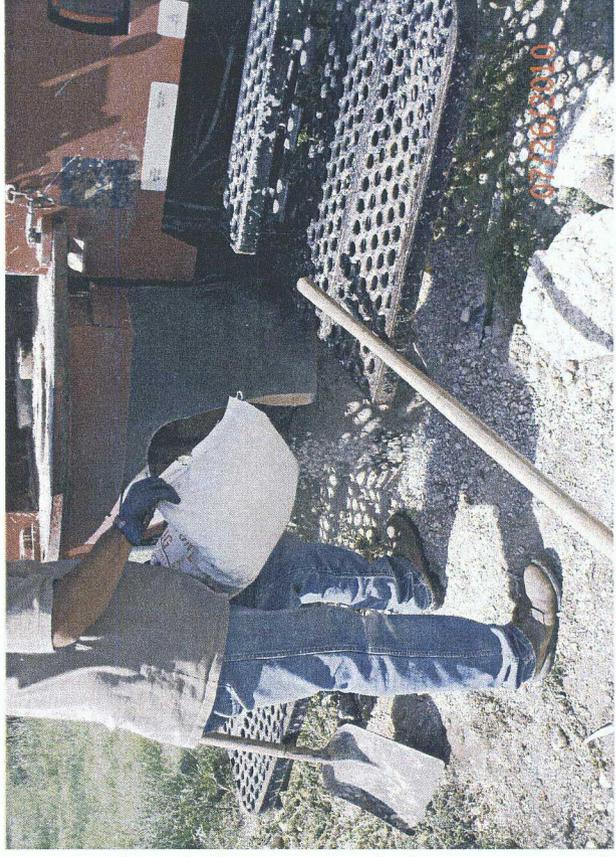
EME Jct. H-32

Unit H Section 32, T19S, R37E



Drilling Soil bore

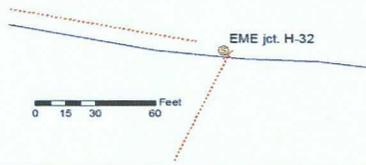
7/26/2010



Soil Bore plugged with bentonite

7/26/2010

Logger:	Lara Weinheimer
Driller:	Harrison & Cooper
Consultant:	RECS
Drilling Method:	Air Rotary
Start Date:	7/26/2010
End Date:	7/26/2010



Project Name: EME jct. H-32
Well ID: SB-1
Location: UL/H sec. 32 T19S R37E
Lat: N 32°37'0.877"
Long: W 103°15'56.903"
County: Lea
State: NM

Comments: All samples from cuttings. Located at source of the former junction box site.
 Drafted by: Lara Weinheimer
 TD = 12 ft Estimated depth to GW = 31 ft

Depth (feet)	chloride field tests	LAB	PID	Description	Lithology	Well Construction		
3 ft	59		0.8	Tan to black caliche with chert. Slight odor.	[Brown textured lithology]	[Hatched well construction]		
4 ft	98		0.8					
5 ft	89		1.2					
6 ft	101		11.9					
7 ft	108		13.6					
8 ft	91		60.2					
9 ft	86		0.8				White coarse caliche	[Dotted lithology]
10 ft	89		0.2					
11 ft	88		1.5					
12 ft	85	CI- 64	1.2					
		GRO						
		< 10						
		DRO						
		< 10						

bentonite seal

COPY

RICE OPERATING COMPANY

122 West Taylor ~ Hobbs, NM 88240

PHONE: (575) 393-9174 FAX: (575) 397-1471

PID METER CALIBRATION & FIELD REPORT FORM

CK	
MODEL	✓
NO.	

MODEL: PGM 7300	SERIAL NO: 590-000183
MODEL: PGM 7300	SERIAL NO: 590-000504 ⁵⁰⁸
MODEL: PGM 7600	SERIAL NO: 110-12383
MODEL: PGM 7600	SERIAL NO: 110-02920

GAS COMPOSITION: ISOBUTYLENE 100PPM / AIR: BALANCE

LOT NO: 930132	EXPIRATION DATE: 9-28-13
FILL DATE:	METER READING ACCURACY: 100.1

ACCURACY: +/- 2%

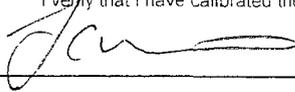
SYSTEM	SITE	UNIT	SECTION	TOWNSHIP	RANGE
EME	ict H-32	H	32	T19S	R37E

SAMPLE ID: Soil bore #1

DEPTH	PID	DEPTH	PID	DEPTH	PID	DEPTH	PID
3'	0.8						
4'	0.8						
5'	1.2						
6'	11.9						
7'	13.6						
8'	60.2						

I verify that I have calibrated the above instrument in accordance to the manufacture's operation manual.

Signature



Date

7-26-10

SITE MAP.



COPY

CHLORIDE CONCENTRATION CURVE

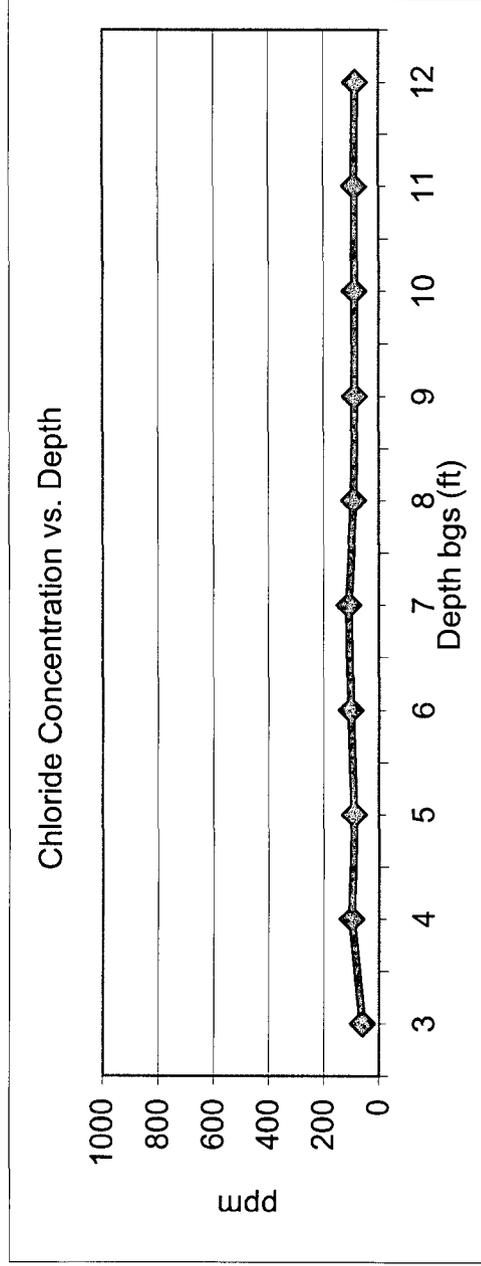
RICE Operating Company

EME Jct. H-32

Unit 'H', Sec. 32, T19S, R37E

Soil bore at the former junction (source)

Depth bgs (ft)	Cl ppm
3	59
4	98
5	89
6	101
7	108
8	91
9	86
10	89
11	88
12	85



Groundwater = 31 ft.