

1R - 427-295

REPORTS

DATE:

5-7-09

EME Jct H-3
2009

RECEIVED

APR - 6 2010

Environmental Bureau
Oil Conservation Division

1R427-295

CLOSURE

RICE OPERATING COMPANY
JUNCTION BOX FINAL REPORT

APR - 6 2010
Environmental Bureau
Oil Conservation Division

BOX LOCATION

SWD SYSTEM	JUNCTION	UNIT	SECTION	TOWNSHIP	RANGE	COUNTY	BOX DIMENSIONS - FEET		
Eunice Monument Eumont (EME)	Jct. H-3	H	3	20S	36E	Lea	Length	Width	Depth
							eliminated		

LAND TYPE: BLM X STATE FEE LANDOWNER OTHER

Depth to Groundwater 60 feet NMOCD SITE ASSESSMENT RANKING SCORE: 20

Date Started	10/6/2008	Date Completed	10/22/2008	OCD Witness	no
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Soil Excavated	44	cubic yards	Excavation	Length	10	Width	10	Depth	12	feet
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Soil Disposed	0	cubic yards	Offsite Facility	n/a	Location	n/a
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FINAL ANALYTICAL RESULTS:

Sample Date	10/20/2008	Sample Depth	12 ft
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Procure 5-point composite sample of bottom and 4-point composite sample of sidewalls. TPH and Chloride laboratory test results completed by using an approved lab and testing procedures pursuant to NMOCD guidelines.

CHLORIDE FIELD TESTS

Sample Location	PID (field) ppm	GRO mg/kg	DRO mg/kg	Chloride mg/kg
4-WALL COMP.	0.7	<10.0	<10.0	128
BOTTOM COMP.	0.7	<10.0	<10.0	480
BLENDED BACKFILL	0.5	<10.0	<10.0	112

General Description of Remedial Action: This junction was eliminated during the pipeline replacement/upgrade program. After the former junction box was removed, an investigation was conducted using a backhoe to collect soil samples at regular intervals producing a 10x10x12-ft-deep excavation. Field data suggest the site is low in organic vapors and chloride concentrations are similar to that of the background. Representative composite samples were collected from the excavation walls, bottom, and blended excavated soil. The representative samples were analyzed by a commercial laboratory for chloride and TPH, which confirmed low concentrations. The blended excavated soil was returned to the excavation to ground surface and contoured to the surrounding area. On 10/22/2008, the site was seeded with a blend of native vegetation and is expected to return to a productive capacity at a normal rate.

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

LOCATION	DEPTH	mg/kg
4-wall comp.	n/a	148
bottom comp.	12'	296
blended backfill	n/a	177
background	6"	259
vertical delineation trench at 5 ft West of the junction (source)	1'	116
	2'	143
	3'	85
	4'	115
	5'	57
	6'	88
	7'	60
	8'	145
	9'	119
	10'	173
	11'	204
	12'	144

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

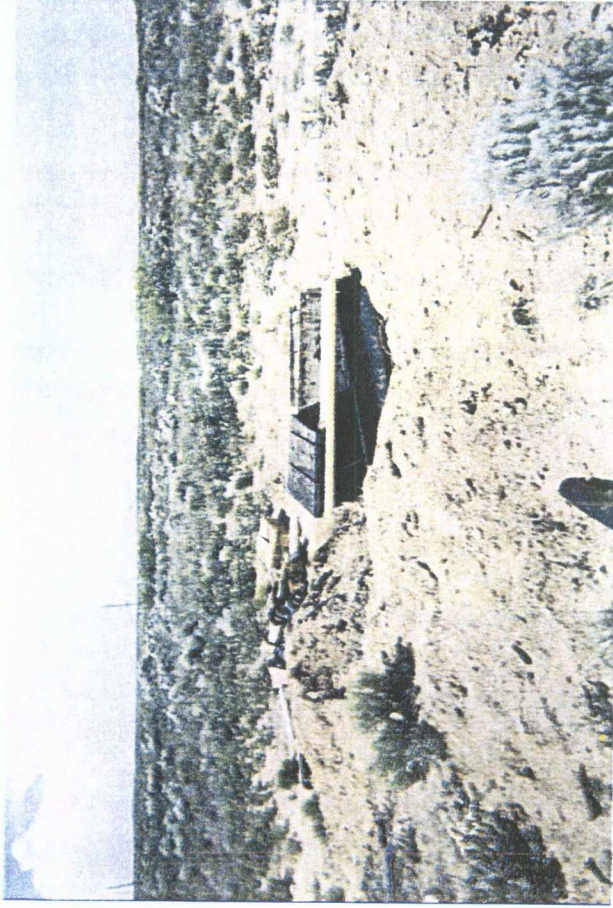
SITE SUPERVISOR Eric Garrison SIGNATURE COMPANY RICE OPERATING COMPANY

REPORT
ASSEMBLED BY Katie Jones INITIAL 

PROJECT LEADER Larry Bruce Baker Jr. SIGNATURE *Larry Bruce Baker Jr.* DATE 5-7-09

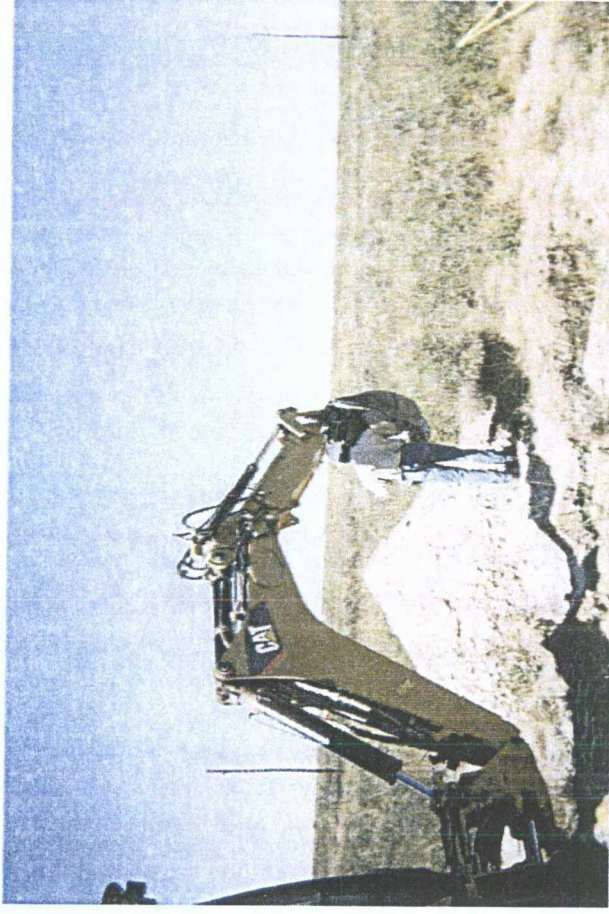
EME Jct. H-3

Unit H, Section 3, T20S, R36E



former junction box

5/10/2004



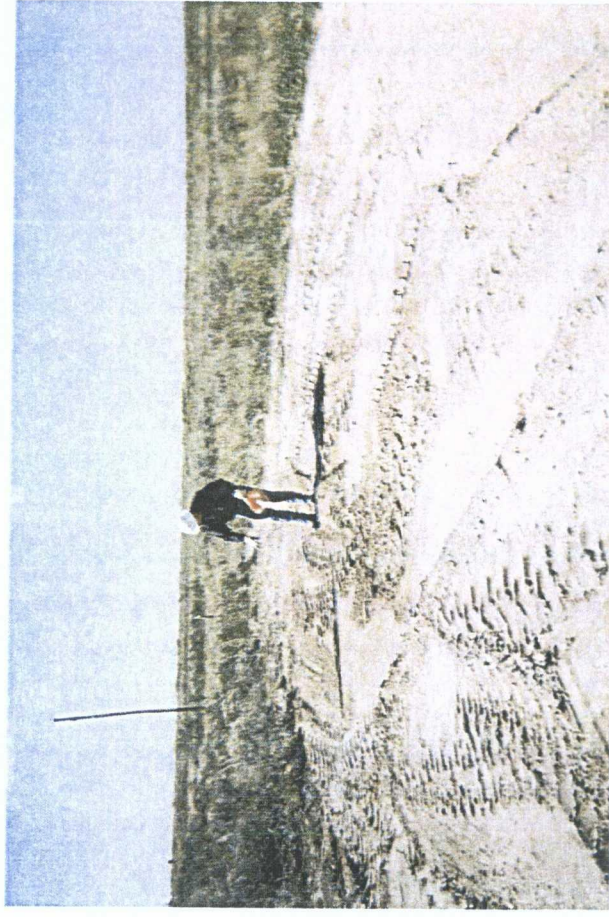
collecting a soil sample, facing west

10/6/2008



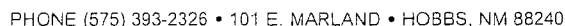
final 10x10x12-ft excavation, facing west

10/22/2008



seeding backfilled site, facing west

10/22/2008



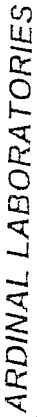
Sampling Date: 10/20/08
Sample Type: SOIL
Sample Condition: COOL & INTACT
Sample Received By: ML
Analyzed By: AB/HM

COPY

*Analyses performed on 1:4 w:v aqueous extracts.

Date _____

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PID METER CALIBRATION & FIELD REPORT FORM

PID METER CALIBRATION & FIELD REPORT FORM

SERIAL NO: 110-013676
SERIAL NO: 110-013744
SERIAL NO: 110-12383
SERIAL NO: 110-012920

LOT NO: 07-3353	EXPIRATION DATE: 05-16-09
FILL DATE: 6/16-07	METER READING ACCURACY: 100 PPM

[illegible]

SIGNATURE:

DATE: 10-20-64

CHLORIDE CONCENTRATION CURVE

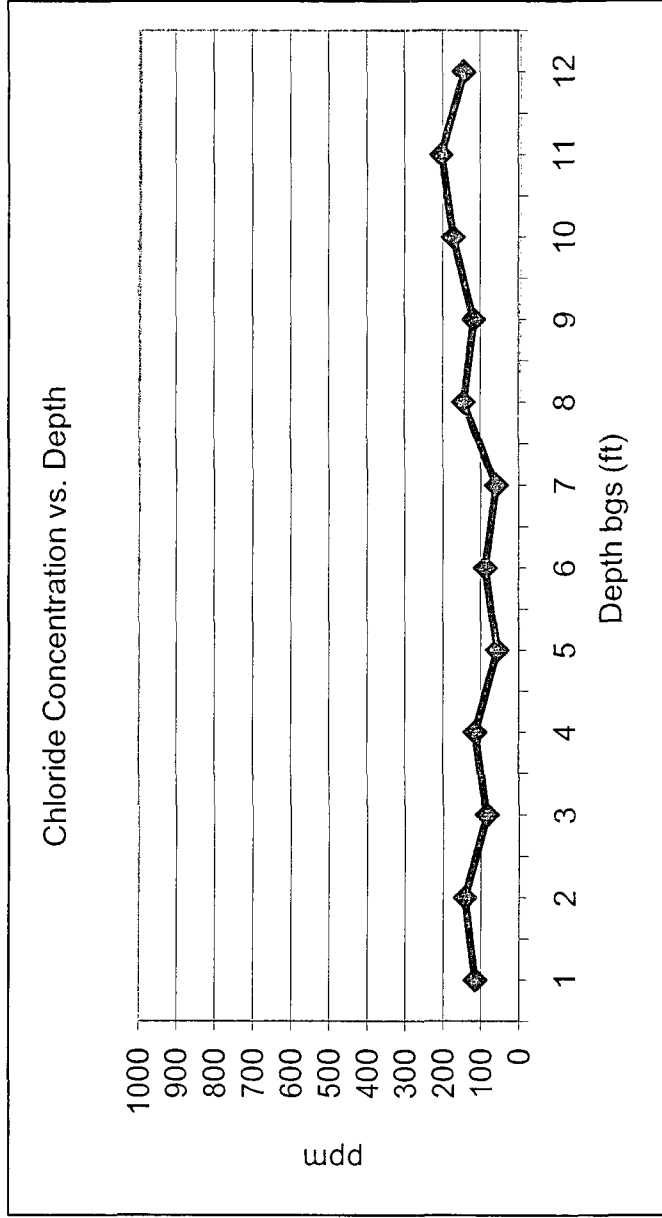
RICE Operating Company

EME Jct. H-3

Unit 'H', Sec. 3, T20S, R36E

Backhoe samples at 5 ft West of the junction (source)

Depth bgs (ft)	[Cl] ppm
1	116
2	143
3	85
4	115
5	57
6	88
7	60
8	145
9	119
10	173
11	204
12	144



Groundwater = 60 ft