

1R - 427-410

REPORTS

DATE:

3-15-13

1R427-410

NOV 17 2011

100-100

DISCLOSURE

EME N-28 EOL

2012

DISCLOSURE

RECEIVED

RICE OPERATING COMPANY JUNCTION BOX DISCLOSURE* REPORT

APR 2 2013

Oil Conservation Division

BOX LOCATION							BOX DIMENSIONS* FEET		
SWD SYSTEM	JUNCTION	UNIT	SECTION	TOWNSHIP	RANGE	COUNTY	Length	Width	Depth
Eunice Monument Eumont (EME)	N-28 EOL	N	28	20S	36E	Lea	Eliminated		

LAND TYPE: BLM STATE FEE LANDOWNER Dale Cooper Family Trust OTHER

Depth to Groundwater 166 feet NMOCD SITE ASSESSMENT RANKING SCORE: 0

Date Started 4/17/2012 Date Completed 5/23/2012 OCD Witness No

Soil Excavated 222.2 cubic yards Excavation Length 25 Width 20 Depth 12 feet
120 Sundance Services, Inc. Eunice, NM

Soil Disposed 444 cubic yards Offsite Facility Cooper Land Farm Location Monument, NM

General Description of Remedial Action: This junction box and line were eliminated during the pipeline replacement/upgrade program.

After the former junction was removed, an investigation was conducted using a backhoe to produce a 25x20x12 ft. deep excavation. Chloride field tests performed on soil samples showed elevated chloride concentrations. Organic vapors were measured using a PID which yielded low concentrations. A total of 564 cubic yards of excavated soil was hauled to a NMOCD approved facility for disposal. On 5/21/2012, a 20-mil reinforced plastic liner was installed at 12 ft below ground surface (BGS). The remaining excavation was backfilled with imported soil to ground surface and contoured to the surrounding area. On 7/18/2012, the site was seeded with a blend of native vegetation and is expected to return to a productive capacity at a normal rate. NMOCD was notified of potential groundwater impact on 1/30/2013.

LOCATION	DEPTH	PID	Chloride
background	6"	0	122
vertical delineation trench at 5' W of source	2'	13.9	179
	3'	8.1	393
	4'	4.1	436
	5'	3.9	524
	6'	6.1	606
	7'	0.3	573
	8'	2.3	437
	9'	0.0	404
	10'	7.4	372
	11'	11.6	453
	12'	12.0	489

Additional evaluation is **LOW** priority

Enclosures: photos, PID (field) screenings, cross-section diagram, chloride graph, revegetation form

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

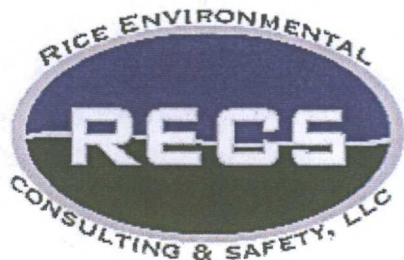
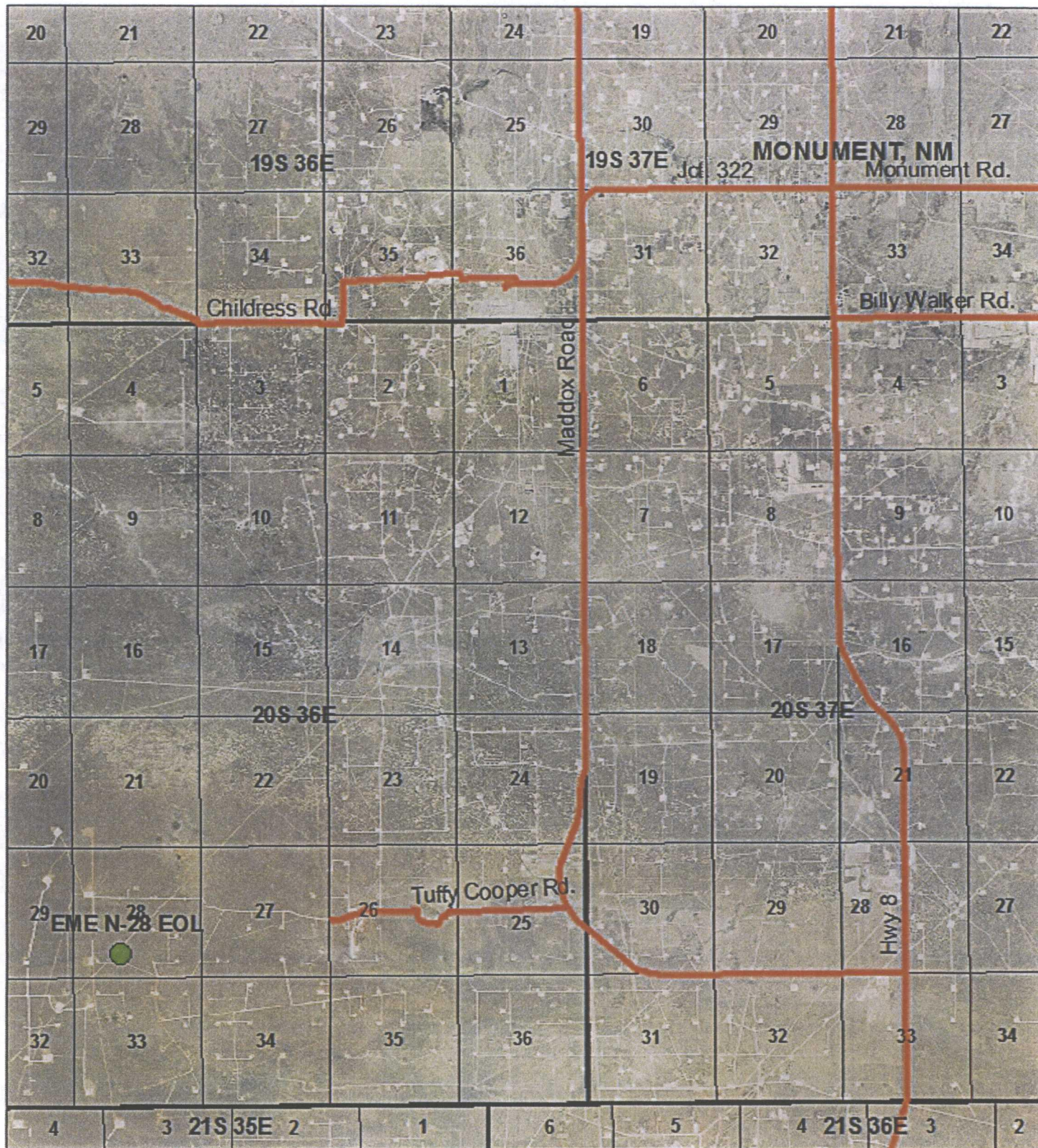
REPORT

ASSEMBLED BY Laura Peña SIGNATURE *Laura Peña* COMPANY Rice Operating

SITE SUPERVISOR Dustin Yarbrough SIGNATURE Not available COMPANY Rice Environmental Consulting & Safety

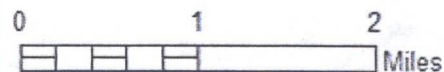
PROJECT LEADER Zach Conder SIGNATURE *Zach Conder* DATE 3-15-13

*This site is a "DISCLOSURE." It will be placed on a prioritized list of similar sites for further consideration.



EME N-28 EOL

UL/N SECTION 28
T-20-S R-36-E
LEA COUNTY, NM



Drawing date: 11/7/12
Drafted by: Tony Grieco

EME N-28 EOL

UL/N Sec. 28 (T20S-36E)



Excavating site, facing north

4/17/2012



Installing 6' sand pad below liner, facing north

5/18/2012



Installed 25'x20' liner @ 12' bgs, facing west

5/21/2012



Installing 6' sand pad above liner, facing east

5/21/2012



Backfilling with imported soil facing south

5/22/2012



Seeding site, facing north

7/18/2012

RICE ENVIRONMENTAL CONSULTING & SAFETY

122 West Taylor Hobbs, NM 88240
 PHONE: (505) 393-9174 FAX: (505) 397-1471
 PID METER CALIBRATION & FIELD REPORT FORM

CK.	<input type="checkbox"/>	MODEL: PGM 7300	SERIAL NO: 590-000508
MODEL	<input type="checkbox"/>	MODEL: PGM 7300	SERIAL NO: 590-000504
NO.	<input checked="" type="checkbox"/>	MODEL: PGM 7320	SERIAL NO: 592-903318
	<input type="checkbox"/>	MODEL: PGM 7300	SERIAL NO: 590-000183

GAS COMPOSITION: ISOBUTYLENE 100PPM / AIR: BALANCE

LOT NO: HAL-248-100-1	EXPIRATION DATE: 7/1/2015
METER READING ACCURACY: 100	

ACCURACY : +/- 2%

COMPANY
RICE OPERATING

SYSTEM	JUNCTION	UNIT	SECTION	TOWN SHIP	RANGE
EME	N-28 EOL	N	28	20S	36E

SAMPLE ID	PID	SAMPLE ID	PID
Background @ 6"	0		
Source @ 3'	8.1		
Source @ 4'	4.1		
Source @ 5'	3.9		
Source @ 6'	6.1		
Source @ 7'	0.3		
Source @ 8'	2.3		
Source @ 9'	0		
Source @ 10'	7.4		
Source @ 11'	11.6		
Source @ 12'	12		

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

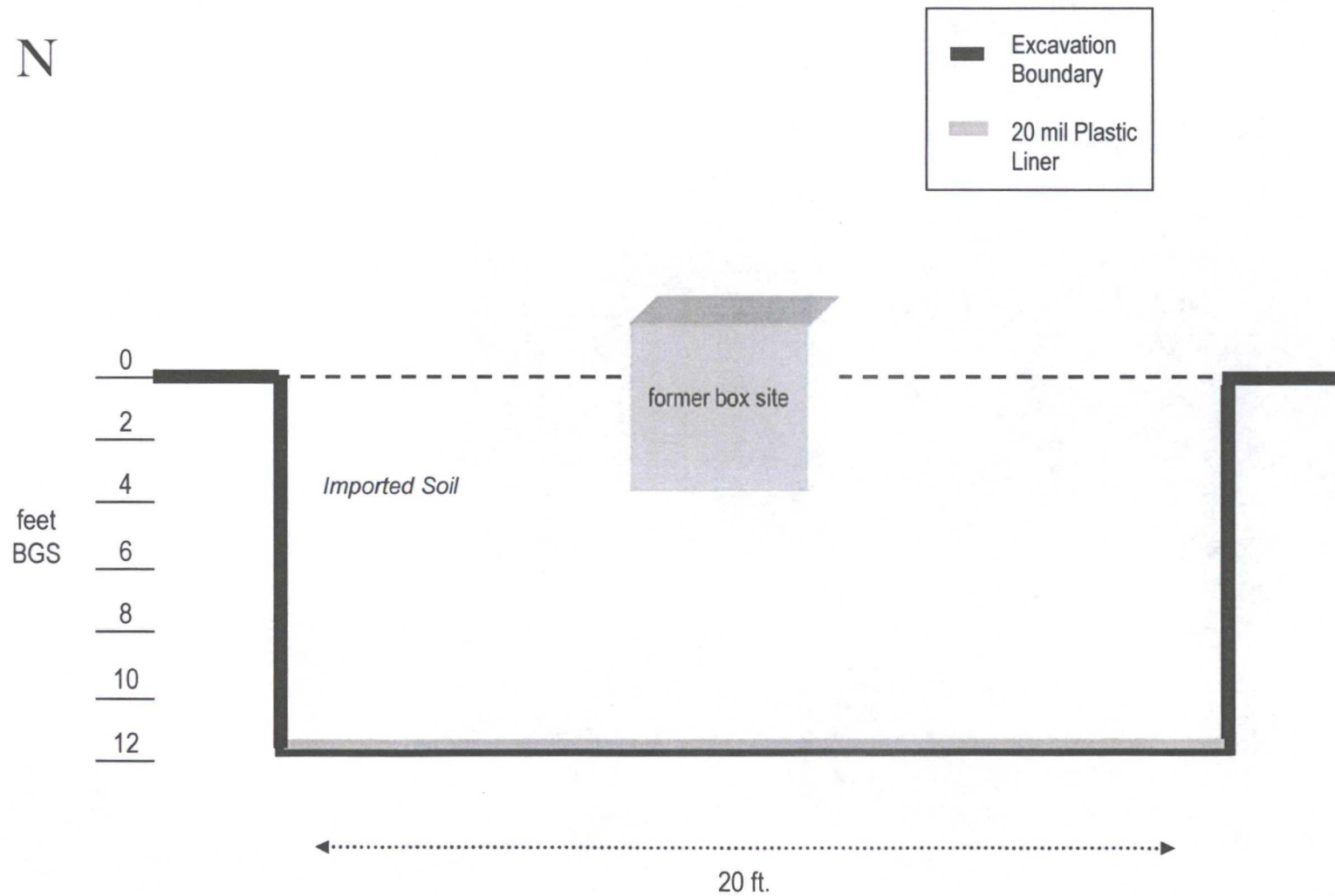
SIGNATURE: _____ Not Available _____ DATE: 4/17/2012

EME N-28 EOL
Unit 'N', Sec. 28, T20S, R36E

Excavation Cross-Section

N

S



CHLORIDE CONCENTRATION CURVE

RICE Operating Company

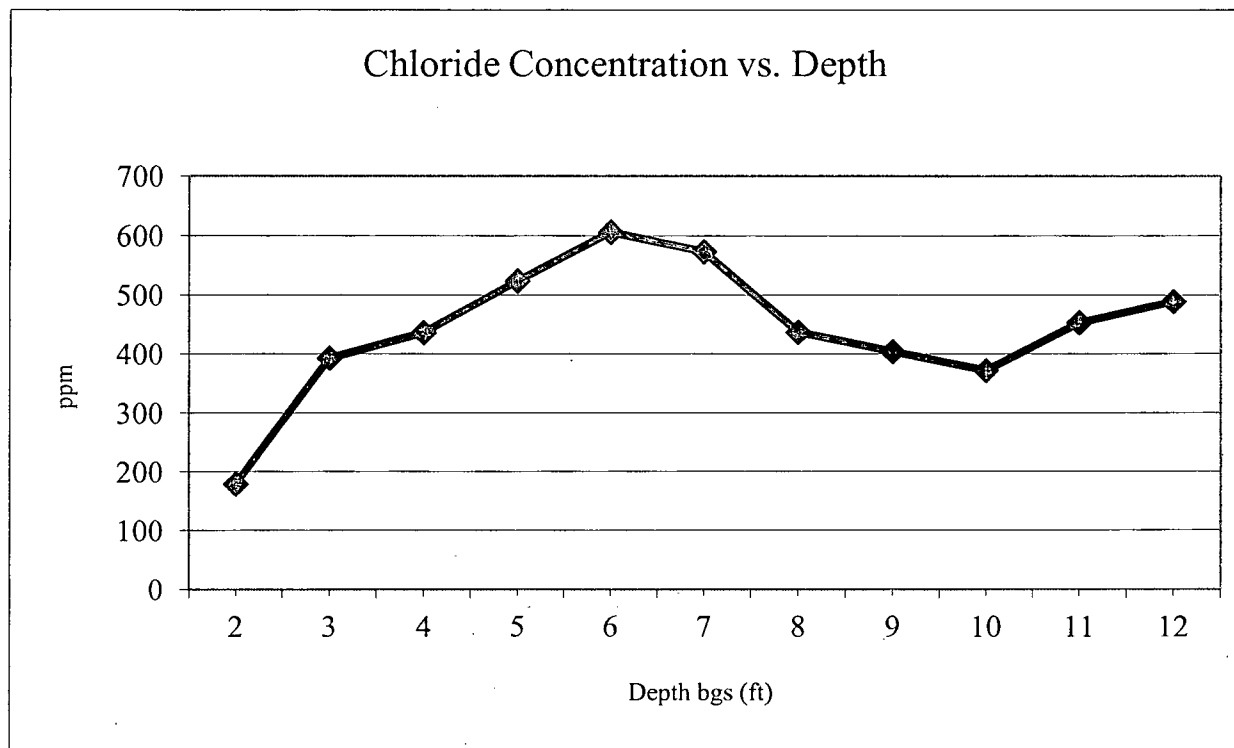
EME N-28 EOL

Unit 'N', Sec. 28, T20S, R36E

Backhoe samples at junction (source)

Depth bgs (ft)	[Cl ⁻] ppm
2	179
3	393
4	436
5	524
6	606
7	573
8	437
9	404
10	372
11	453
12	489

Groundwater = 166 ft





PO Box 5630
Hobbs, NM 88241
Phone: (575) 393-4411
Fax: (575) 393-0293

REVEGETATION FORM

1. General Information

Site name EME N-28 EOL						
U/L N	Section 28	Township 20S	Range 36E	County Lea	Latitude 32°32'21.5" N	Longitude 103°21'41.4" W
Contact Name: Zach Conder						
Email: zconder@rice-ecs.com						
Site size: 900 square feet			Map detail of site attached <input type="checkbox"/>			
Additional information:						

2. Soils

**Do not rip caliche subsoils; caliche rocks brought to the surface by ripping shall be removed.*

Salvaged from site <input checked="" type="checkbox"/>	Bioremediated <input type="checkbox"/>	Imported <input checked="" type="checkbox"/>	Blended <input checked="" type="checkbox"/>	Depth (in):
Texture: Sandy		Describe soil & subsoil: Sandy soils and caliche		
Soil prep methods: Rip <input type="checkbox"/>	Depth(in):	Disc <input type="checkbox"/>	Depth (in):	Rollerpack <input type="checkbox"/>
Date completed: 5/23/2012				

3. Bioremediation

Fertilizer <input type="checkbox"/>	Hay <input type="checkbox"/>	Other <input type="checkbox"/>
Type:		Describe:
Lbs/acre:		

4. Seeding

**Attach seed bag tags to this form. Seed bag tags shall contain the site name and S-T-R.*

Custom seed mix <input checked="" type="checkbox"/>	Prescribed mix <input type="checkbox"/>	Seed mix name: 1 lb. Blue Grama and 1 lb. Side Oats Grama grass seed	Seeding date: 7/18/2012
Broadcast <input checked="" type="checkbox"/>			
Method: Hand broadcast			
Soil conditions during seeding: Dry <input checked="" type="checkbox"/> Damp <input type="checkbox"/> Wet <input type="checkbox"/>			
Photos attached <input type="checkbox"/>	Observations:		
Number of photos:			

5. Certification

I hereby certify that the information in this form and attachments is true and complete to the best of my knowledge and belief.

Name: Dustin Yarbrough	Title: Environmental Tech	Date: 7/18/2012
Signature: Not available		

COPY