

1R - 427-310

REPORTS

DATE:

4-29-09

EME Jct G-21
2009

1R427-310

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ADD - 6 2010

Environmental Bureau
Oil Conservation Division

CLOSURE

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APP - 6 2010

Environmental Bureau
Oil Conservation DivisionRICE OPERATING COMPANY
JUNCTION BOX FINAL REPORT

BOX LOCATION

SWD SYSTEM	JUNCTION	UNIT	SECTION	TOWNSHIP	RANGE	COUNTY	BOX DIMENSIONS - FEET		
Eunice Monument Eumont (EME)	Jct. G-21	G	21	21S	36E	Lea	Length	Width	Depth
							eliminated		

LAND TYPE: BLM _____ STATE X FEE LANDOWNER _____ OTHER _____Depth to Groundwater 162 feet NMOCD SITE ASSESSMENT RANKING SCORE: 0Date Started 11/14/2008 Date Completed 12/22/2008 OCD Witness noSoil Excavated 400 cubic yards Excavation Length 30 Width 30 Depth 12 feetSoil Disposed 0 cubic yards Offsite Facility n/a Location n/aFINAL ANALYTICAL RESULTS: Sample Date 12/17/2008 Sample Depth 12 ft

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.	3.9	<10.0	<10.0	224
BOTTOM COMP.	4.9	<10.0	<10.0	352
BLENDED BACKFILL	1.3	<10.0	55.8	208

LOCATION	DEPTH	mg/kg
4-wall comp.	n/a	300
bottom comp.	12'	360
blended backfill	n/a	300
background	6"	120
vertical delineation trench at 5 ft north of the junction (source)	1'	115
	2'	150
	3'	176
	4'	357
	5'	301
	6'	323
	7'	256
	8'	259
	9'	288
	10'	389
	11'	428
	12'	314

General Description of Remedial Action: This junction box 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 30x30x12-ft-deep excavation. Chloride field tests performed on each sample yielded generally low concentrations of chloride. Organic vapors were measured using a PID, which also yielded low concentrations. Representative composite samples were sent to a commercial laboratory for analysis of chloride and TPH which confirmed low concentrations. The excavated soil was blended on-site, returned to the excavation to ground surface, and contoured to the surrounding area. On 12/24/2008, 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

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

SITE SUPERVISOR Eric Garrison SIGNATURE [Signature] COMPANY RICE OPERATING COMPANYREPORT ASSEMBLED BY Katie Jones INITIAL KJPROJECT LEADER Larry Bruce Baker Jr. SIGNATURE [Signature] DATE 4-29-09

EME Jct. G-21

Unit G, Section 21, T21S, R36E



site prior to excavation, facing east

11/14/2008



collecting a soil sample, facing north

12/3/2008



final 30x30x12-ft excavation, facing north

12/17/2008



seeding backfilled site, facing north

12/24/2008

(575) 393-2326 Fax (575) 393-2476

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Cardinal cannot accept verbal changes. Please fax written changes to 575-393-2476.

RICE OPERATING COMPANY

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

COPY

CK.	<input type="checkbox"/>	MODEL: PGM 7600	SERIAL NO: 110-013676
MODEL	<input checked="" type="checkbox"/>	MODEL: PGM 7600	SERIAL NO: 110-013744
NO.	<input type="checkbox"/>	MODEL: PGM 7600	SERIAL NO: 110-12383
	<input type="checkbox"/>	MODEL: PGM 7600	SERIAL NO: 110-012920

GAS COMPOSITION: ISOBUTYLENE 100PPM / AIR: BALANCE

LOT NO: 08-3425	EXPIRATION DATE: 08-29-09
FILL DATE: 02-29-08	METER READING ACCURACY: 100PPM

ACCURACY : +/- 2%

SYSTEM	JUNCTION	UNIT	SECTION	TOWN SHIP	RANGE
ENG	G-21	G	N	21 S	36 E

SAMPLE ID	PID	SAMPLE ID	PID
5PT BTM comp @ 12'	4.9		
4 wall comp @ 30'x30'	3.9		
Blended Backfill	1.3		

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

SIGNATURE: Eric Garrison

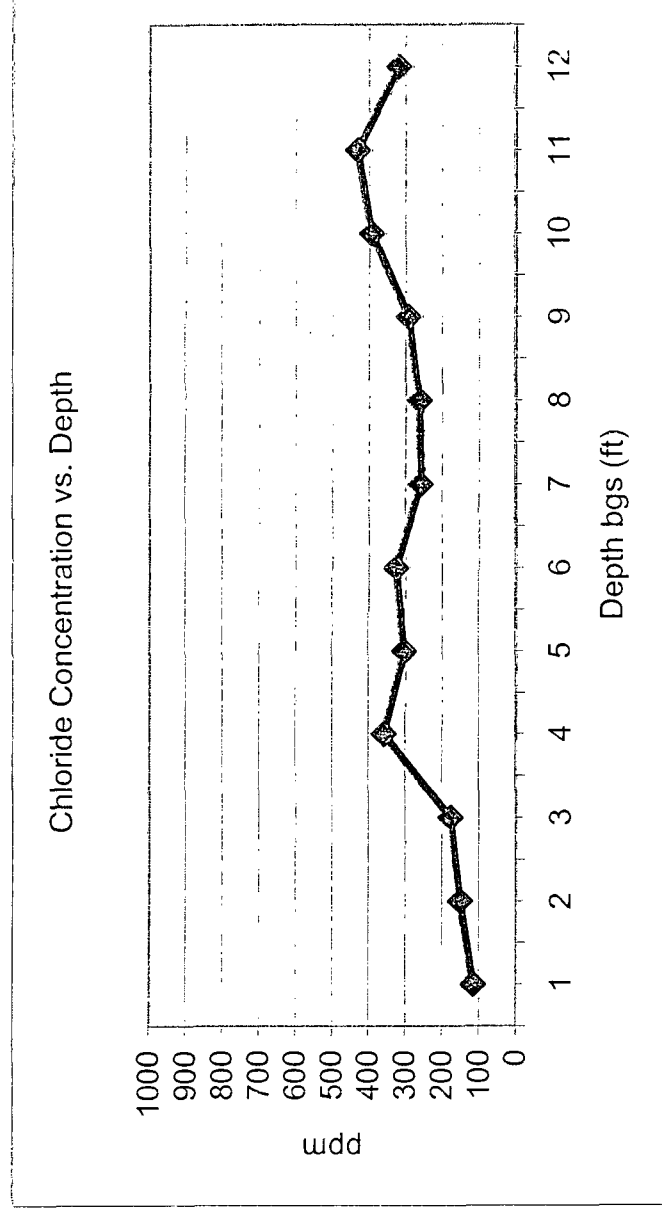
DATE: 12-17-08

EME Jct. G-21

Unit 'G', Sec. 21, T21S, R36E

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

Depth bgs (ft)	[Cl] ppm
1	115
2	150
3	176
4	357
5	301
6	323
7	256
8	259
9	288
10	389
11	428
12	314



Groundwater = 162 ft