

1R - 426-288

REPORTS

DATE:

3-17-11

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1R426-288

**BD H-7 EOL**

**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
Blinebry-Drinkard (BD)	H-7 EOL	H	7	22S	38E	Lea	eliminated		

LAND TYPE: BLM \_\_\_\_\_ STATE \_\_\_\_\_ FEE LANDOWNER Walco Ranch, LLC OTHER \_\_\_\_\_

Depth to Groundwater 54 feet NMOCD SITE ASSESSMENT RANKING SCORE: 20

Date Started 10/12/2010 Date Completed 10/27/2010 OCD Witness no

Soil Excavated 6.2 cubic yards Excavation Length 7 Width 2 Depth 12 feet

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

**FINAL ANALYTICAL RESULTS:** Sample Date 10/27/2010 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' GRAB	21.1	<10.0	<10.0	64

**CHLORIDE FIELD TESTS**

LOCATION	DEPTH	mg/kg
background	6"	84
vertical delineation at the junction (source)	2'	85
	3'	87
	4'	83
	5'	111
	6'	110
	7'	864
	8'	151
	9'	143
	10'	155
	11'	145
	12'	213

**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 samples at regular intervals producing a 7X2X12-ft. deep excavation. Chloride field test performed on each sample yielded low concentrations. Organic vapors were measured using a PID, which yielded 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 excavated soil was returned to the excavation to ground surface and contoured to the surrounding area. On 3/04/2011, 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 analysis, PID (field) screenings, chloride curve

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

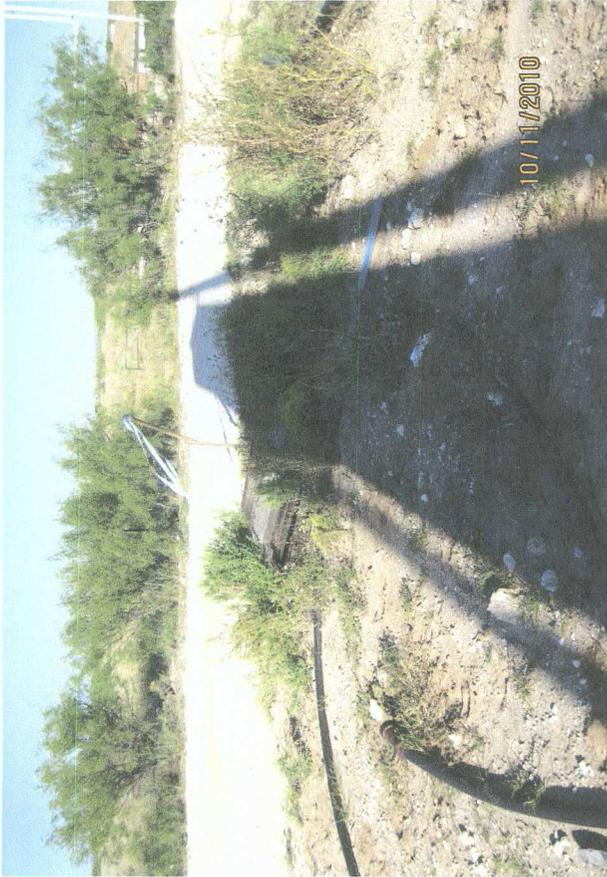
SITE SUPERVISOR John R. Harrison SIGNATURE Not Available COMPANY RICE OPERATING COMPANY

REPORT ASSEMBLED BY Larry Bruce Baker Jr. INITIAL LBB

PROJECT LEADER Larry Bruce Baker Jr. SIGNATURE Larry Bruce Baker Jr. DATE 3-17-11

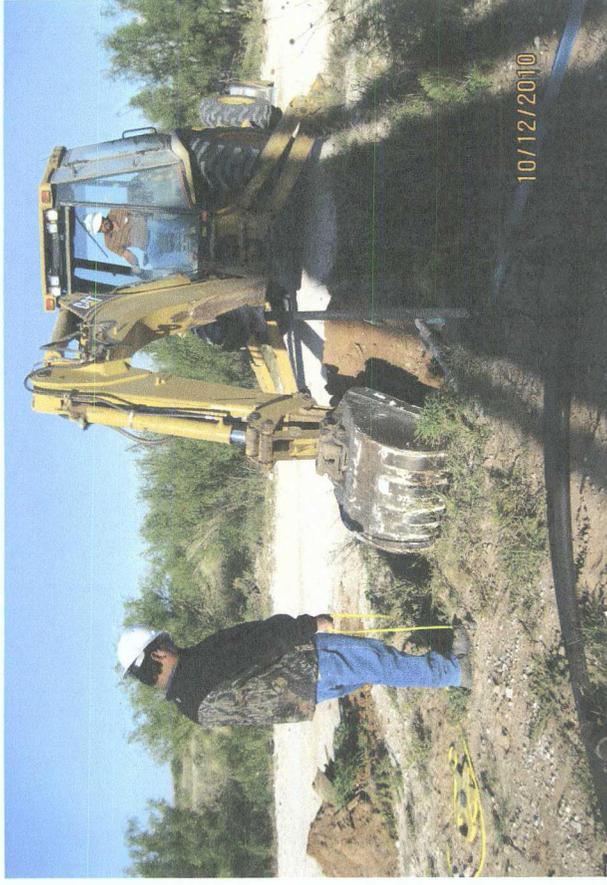
# BD H-7 EOL

Unit H, Section 7, T22S, R38E



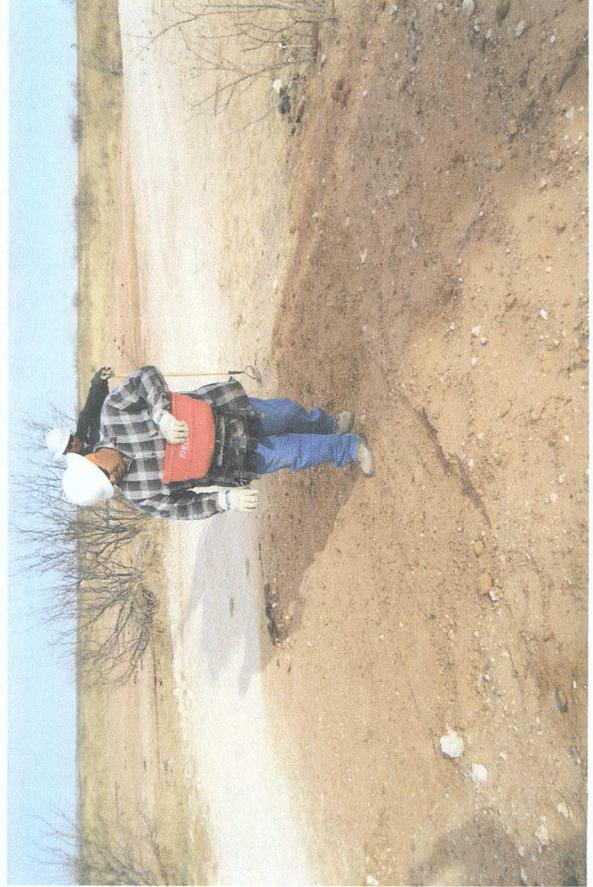
Site prior to excavation

10/11/2010



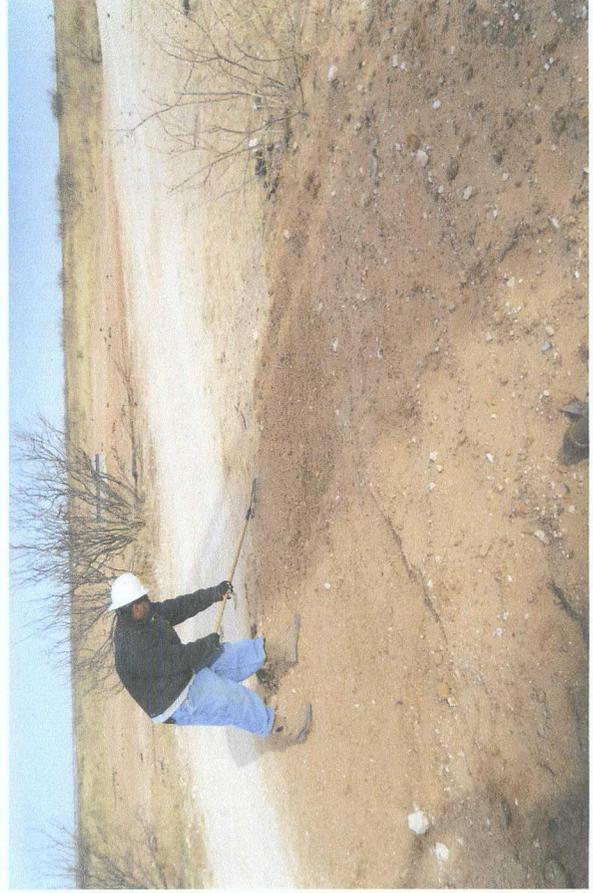
Delineation trench being excavated

10/12/2010



Seeding excavation

3/04/2011



Raking in seed

3/04/2010

**Analytical Results For:**

 Rice Operating Company  
 Bruce Baker  
 112 W. Taylor  
 Hobbs NM, 88240  
 Fax To: (575) 397-1471

 Received: 10/27/2010  
 Reported: 03/03/2011  
 Project Name: BD H-7 EOL (22/38)  
 Project Number: NONE GIVEN  
 Project Location: NOT GIVEN

 Sampling Date: 10/27/2010  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Jodi Henson

**Sample ID: SOURCE @ 12' (H021162-01)**

Chloride, SM4500Cl-B

mg/kg

Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>64.0</b>	16.0	10/29/2010	ND	448	112	400	3.64	

TPH 8015M

mg/kg

Analyzed By: AB

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	10/30/2010	ND	179	89.3	200	16.0	
DRO >C10-C28	<10.0	10.0	10/30/2010	ND	168	84.2	200	24.1	

Surrogate: 1-Chlorooctane 103 % 70-130

Surrogate: 1-Chlorooctadecane 106 % 70-130

COPY

Cardinal Laboratories

\* = Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



# RICE OPERATING COMPANY

122 West Taylor Hobbs, NM 88240  
 PHONE: (575) 393-9174 FAX: (575) 397-1471  
 PID METER CALIBRATION & FIELD REPORT FORM

Check Model Number:

✓

Model: PGM 7300    Serial No: 590-000183  
 Model: PGM 7300    Serial No: 590-000508  
 Model: PGM 7300    Serial No: 590-000504


Model: PGM 7600    Serial No: 110-023920  
 Model: PGM 7600    Serial No: 110-013744  
 Model: PGM 7600    Serial No: 110-013676

GAS COMPOSITION: ISOBUTYLENE 100PPM / AIR: BALANCE

LOT NO: <u>930737</u>	EXPIRATION DATE: <u>6/16/13</u>
METER READING ACCURACY: <u>100.0</u>	

ACCURACY : +/- 2%

SYSTEM	JUNCTION	UNIT	SECTION	TOWN SHIP	RANGE
<u>BD</u>	<u>H-7EOL</u>	<u>H</u>	<u>7</u>	<u>725</u>	<u>38E</u>

SAMPLE ID	PID	SAMPLE ID	PID
<u>SOURCE @</u>	<u>7'</u>	<u>9.3</u>	
	<u>8'</u>	<u>7.5</u>	
	<u>9'</u>	<u>6.7</u>	
	<u>10'</u>	<u>5.8</u>	
	<u>11'</u>	<u>4.7</u>	
	<u>12'</u>	<u>21.1</u>	

COPY

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

SIGNATURE:

DATE: 10/27/10

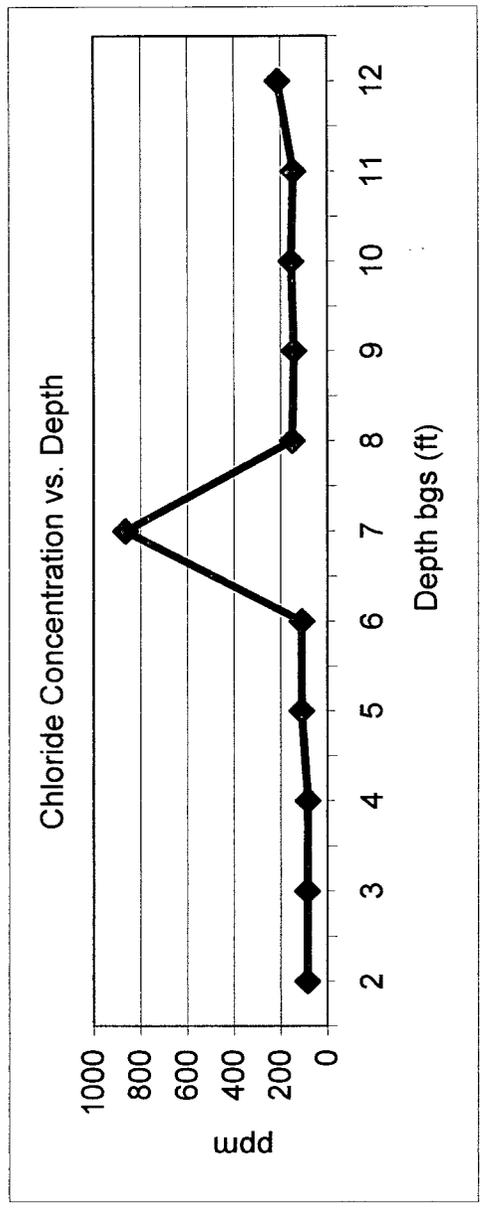
CHLORIDE CONCENTRATION CURVE

**BD H-7 EOL**

Unit 'H', Sec. 7, T22S, R38E

Backhoe samples at the junction (source)

Depth bgs (ft)	[Cl <sup>-</sup> ] ppm
2	85
3	87
4	83
5	111
6	110
7	864
8	151
9	143
10	155
11	145
12	213



Groundwater = 54 ft.