

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Risk-OK
Bedrock

Submit 1 copy to
appropriate
District Office
and 1 copy to
the Santa Fe Office

(Revised 3/9/94)

30-045-26184 ✓
PIT REMEDIATION AND CLOSURE REPORT

Operator: <u>Carpine Natural Gas Company L.P.</u> Telephone: <u>713-335-4000</u>		
Address: <u>1000 Louisiana, Suite 800, Houston, Texas 77002</u>		
Facility Or: <u>Coolidge Co. 1 - Dehydration Pit</u>		
Well Name <u>A</u>		
Location: Unit or Qtr/Qtr Sec <u>NE NE</u> Sec <u>22</u> T <u>30N</u> R <u>14W</u> County <u>San Juan</u>		
Pit Type: Separator <u> </u> Dehydrator <u>X</u> Other <u> </u>		
Land Type: BLM <u>X</u> , State <u> </u> , Fee <u> </u> Other <u> </u>		
Pit Location: Pit dimensions: length <u>22 ft.</u> , width <u>20 ft.</u> , depth <u>6.5 ft.</u> (Attach diagram) Reference: wellhead <u> </u> , other <u>dehydration contact tower</u> Footage from reference: <u>18 ft.</u> Direction from reference: <u>68</u> Degrees <u> </u> East North <u> </u> of <u>X</u> West South <u>X</u>		
Depth To Ground Water (Vertical distance from contaminants to seasonal high water elevation of ground water.)	Less than 50 feet 50 feet to 99 feet Greater than 100 feet	(20 points) (10 points) (0 points) <u>10</u>
Wellhead Protection Area: (Less than 200 feet from a private domestic water source, or; less than 1000 feet from all other water sources.)		Yes (20 points) No (0 points) <u>0</u>
Distance To Surface Water: (Horizontal distance to perennial lakes, ponds, rivers, streams, creeks, irrigation canals and ditches.)	Less than 200 feet 200 feet to 1000 feet Greater than 1000 feet	(20 points) (10 points) (0 points) <u>0</u>
RANKING SCORE (TOTAL POINTS): <u>10</u>		

Date Remediation Started: <u> </u> Date completed: <u>03/01/02</u>	
Remediation Method: Excavation <u>X</u> (Check all appropriate sections.)	Approx. cubic yards <u>20</u>
Landfarmed <u>X</u>	Insitu Bioremediation <u> </u>
Other <u> </u>	

Remediation Location: Onsite ☒ Offsite _____
(i.e. landfarmed onsite,
name and location of
offsite facility) _____

General Description of Remedial Action: Excavated to bedrock. Spread soil in landfarm area (see Coolidge No. 1 plat). Fertilized; tilled landfarm area after each rain. Landfarm area sampled 11/26/02 by Walsh Engineering - analysis follows:

GRO - Not Detected; DRO - 36.3 mg/kg

Benzene, ethylbenzene, toluene, xylenes - Not Detected (see attached iina ba laboratory report)

Ground Water Encountered: No ☒ Yes _____ Depth _____

Final Pit:
Closure Sampling:
(if multiple samples,
attach sample results
and diagram of sample
locations and depths)

Sample location See attached plat. Composite bottom; auger refusal on all sides

Sample depth 6.5 ft

Sample Date 03/06/02 Sample time 1415

Sample Results

Benzene(ppm) ND

Total BTEX(ppm) ND

Field headspace(ppm) NA

TPH btm -1,448 ppm; sides - refusal all sides

Ground Water Sample: Yes _____ No ☒ (If yes, attach sample results)

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

Date January 6, 2003

Signature M. Kyle Tudor

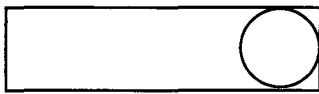
Printed Name - M. Kyle Tudor
and Title - Environmental Consultant

PLAN VIEW

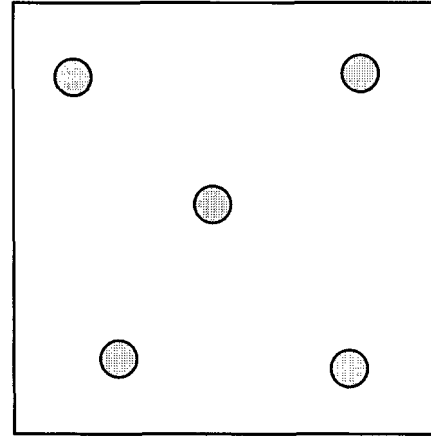


← 20' →

↑
22'
↓



Dehydrator

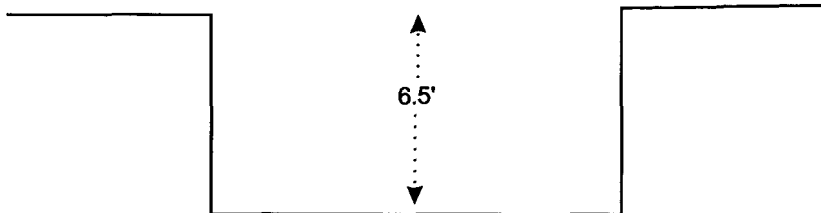


Pit bottom samples - composited;
taken at top bedrock



Pit side samples - not taken;
refusal at surface of sides

PIT PROFILE



↑
6.5'
↓

Excavated to bedrock

Prepared by:
CEG, Inc.
Houston, Texas

Date:
03/16/2002

PIT CLOSURE REPORT
Calpine Natural Gas Company L.P.
San Juan County, New Mexico

**COLLIDGE NO. 1
DEHY PIT**

LEASE NO.: NM 15272

Client: Carr Environmental Group, Inc
Project: Organics
Sample ID: Cool Dehy Bottom
Lab ID: 0302W00774
Matrix: Soil
Condition: Cool/Intact

Date Reported: 03/19/02
Date Sampled: 03/06/02
Date Received: 03/07/02
Date Extracted: N/A

Parameter	Analytical Result	PQL	Units
BTEX - METHOD 8021B			
Benzene	<5	5	mg/Kg
Toluene	<5	5	mg/Kg
Ethylbenzene	<5	5	mg/Kg
Xylenes (total)	<15	15	mg/Kg
Total BTEX	<30	30	mg/Kg

Quality Control - Surrogate Recovery	%	QC Limits
4-Bromofluorobenzene(SUR-8021B)	107	70 - 130
a,a,a-Trifluorotoluene(SUR-8021B)	93	70 - 130

Reference: Method 8021b, Volatile Organic Compounds, Test Methods for Evaluating Solid Waste, Physical/Chemical Methods, United States Environmental Protection Agency, SW-846, Volume IB.

Reviewed By: 

William Lipps

Analyst: _____

Client: Carr Environmental Group, Inc
Project: Organics
Sample ID: Cool Dehy Bottom
Lab ID: 0302W00774
Matrix: Soil
Condition: Cool/Intact

Date Reported: 03/19/02
Date Sampled: 03/06/02
Date Received: 03/07/02
Date Extracted: N/A

Parameter	Analytical Result	PQL	Units
DRO - METHOD 8015M			
Diesel Range Organics (C10 - C22)	1,120	50	mg/Kg

Quality Control - Surrogate Recovery	%	QC Limits
o-Terphenyl(SUR-8015)	125	70 - 130

Reference: SW-846 - "Test Methods for Evaluating Solid Waste: Physical/Chemical Methods", United States Environmental Protection Agency, November, 1986.

Reviewed By: 

William Lipps

Analyst: _____

Client: Carr Environmental Group, Inc
Project: Organics
Sample ID: Cool Dehy Bottom
Lab ID: 0302W00774
Matrix: Soil
Condition: Cool/Intact

Date Reported: 03/19/02
Date Sampled: 03/06/02
Date Received: 03/07/02
Date Extracted: N/A

Parameter	Analytical Result	PQL	Units
GRO - METHOD 8015M			
Gasoline Range Organics(C6-C10)	328	50	mg/Kg

Quality Control - Surrogate Recovery	%	QC Limits
4-Bromofluorobenzene(SUR-8015B)	111	70 - 130

Reference: SW-846 - "Test Methods for Evaluating Solid Waste: Physical/Chemical Methods", United States Environmental Protection Agency, November, 1986.

Reviewed By: 

William Lipps

Analyst: _____

Client: Carr Environmental Group, Inc
Project: Organics
Sample ID: Cool Dehy Bottom
Lab ID: 0302W00774
Matrix: Soil
Condition: Cool/Intact

Date Reported: 03/19/02
Date Sampled: 03/06/02
Date Received: 03/07/02
Date Extracted: N/A
Date Analyzed: 03/19/02

Parameter	Analytical Result	PQL	Units
TOTAL TPH			
Total Petroleum Hydrocarbons (C6-C22)	1,448	100	mg/Kg

Reference: Method 8015AZ, C10 - C32 Hydrocarbons in Soil, Arizona Department of Health Services, Revision - 1.0, 09/25/98.

Reviewed By:

William Lipps

Analyst: _____