RISK - 04
Bedrock

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

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

(Revised 3/9/94)

30-045-25506

PIT REMEDIATION AND CLOSURE REPORT

Operator: Calpine Natural Gas Company L.P. Telephone: 713-335-4000

Address: 1000 Louisiana, Suite 800, Houston, Texas, 77002

Facility Or: Morton No. 1 – Separation Pit
Well Name

Location: Unit or Qtr/Qtr Sec ~~SW NE~~ H Sec 23 T 30N R 14W County San Juan

Pit Type: Separator X Dehydrator _____ Other _____

Land Type: BLM X, State _____, Fee _____ Other _____

Pit Location: Pit dimmensions: length 15 ft., width 15 ft., depth 7.0 ft.
(Attach diagram)

Reference: wellhead _____, other north end of line heater

Footage from reference: _____

Direction from reference: 17 Degrees _____ East North X
of
X West South _____

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DIST. 3

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) 10
Wellhead Protection Area: (Less than 200 feet from a private domestic water source, or; less than 1000 feet from all other water sources.)	Yes No	(20 points) (0 points) 0
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) 0

RANKING SCORE (TOTAL POINTS): 10

Date Remediation Started: -- Date completed: 03/01/02

Remediation Method: (Check all appropriate sections.)
Excavation X — Approx. cubic yards 12
Landfarmed X — Insitu Bioremediation _____
Other _____

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

General Description of Remedial Action: Excavation to bedrock. Spread soil in landfarm area (see Morton 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 – 25.4 mg/kg

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

Ground Water Encountered: No X Yes _____ Depth _____

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

Sample location See attached plat.

Sample depth 7.0 ft - sides sampled at 3.0 ft.

Sample Date 03/06/02 Sample time 1015

Sample Results

Benzene(ppm) ND

Total BTEX(ppm) btm – ND; sides <30

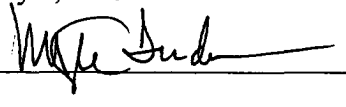
Field headspace(ppm) NA

TPH btm – 1,694 ppm; sides – 856 ppm

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

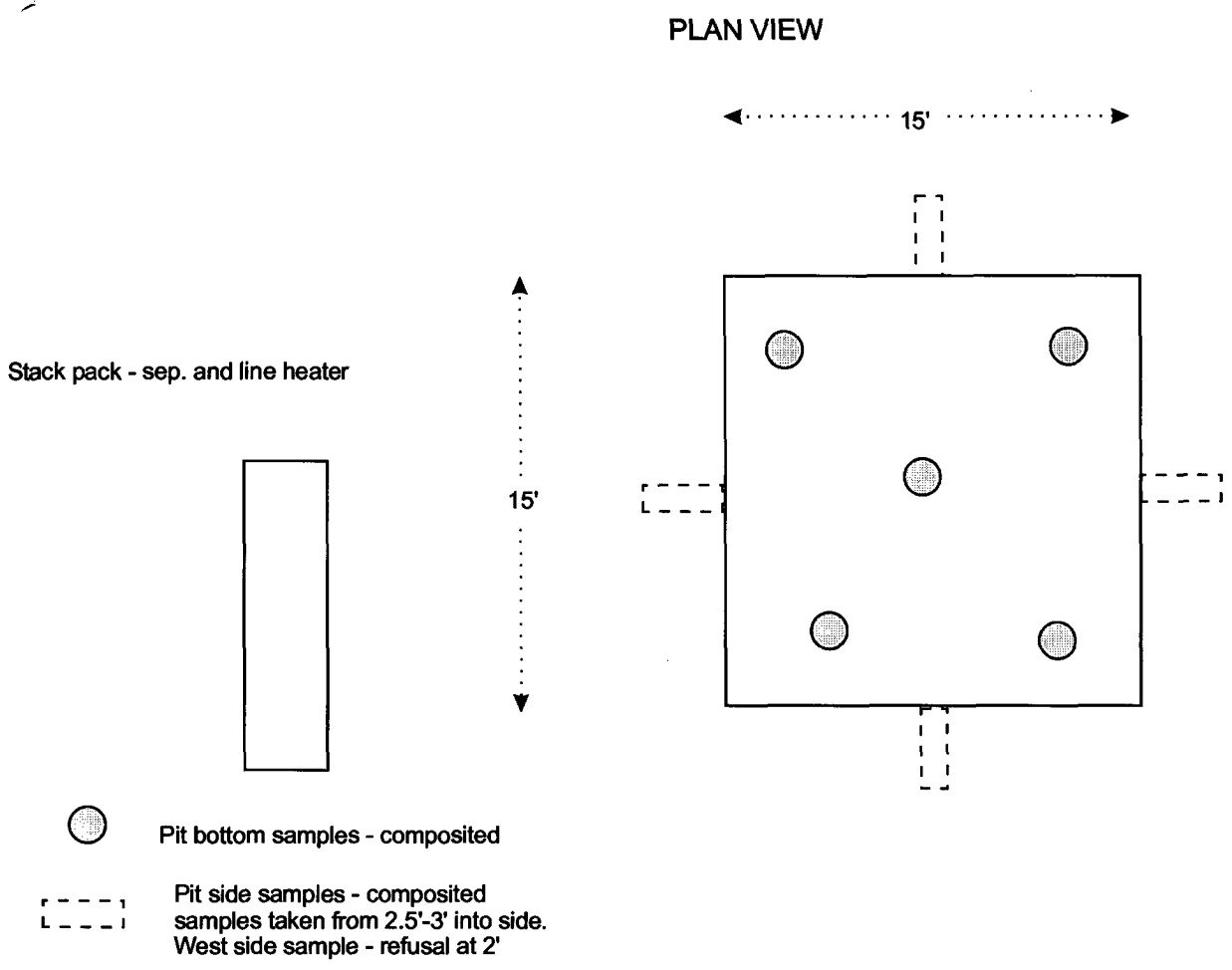
I hereby certify that the information above is true and complete to the best of my knowledge and belief.

Date January 6, 2003

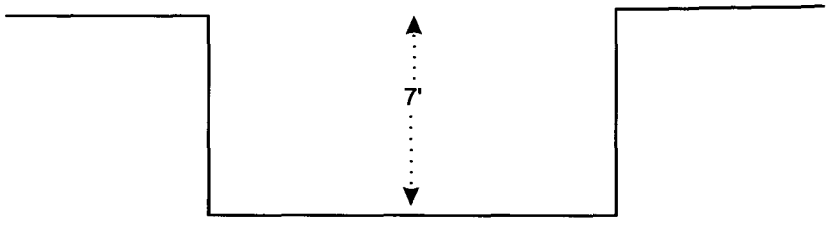
Signature 

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

PLAN VIEW



PIT PROFILE



Prepared by: *CEG, Inc.* *Houston, Texas*	PIT CLOSURE REPORT	MORTON NO. 1 SEPARATOR PIT
Date: *03/16/2002*	Calpine Natural Gas Company L.P. San Juan County, New Mexico	LEASE NO.: NM 26357

Inter·Mountain Laboratories, Inc.
2506 West Main Street
Farmington, NM 87401

Client: Carr Environmental Group, Inc
Project: Organics
Sample ID: Mort 1 Sep Bottom
Lab ID: 0302W00768
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)	104	70 - 130
a,a,a-Trifluorotoluene(SUR-8021B)	91	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: _____

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Parameter	Analytical Result	PQL	Units
DRO - METHOD 8015M			
Diesel Range Organics (C10 - C22)	1,581	50	mg/Kg

Quality Control - Surrogate Recovery	%	QC Limits
o-Terphenyl(SUR-8015)	138 **	70 - 130

** - Surrogate Recovery failed QC Limits due to matrix interference.

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

Reviewed By: William Lipps

Analyst: _____

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Parameter	Analytical Result	PQL	Units
GRO - METHOD 8015M			
Gasoline Range Organics(C6-C10)	113	50	mg/Kg

Quality Control - Surrogate Recovery	%	QC Limits
4-Bromofluorobenzene(SUR-8015B)	100	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: _____

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Project: Organics
Sample ID: Mort 1 Sep Bottom
Lab ID: 0302W00768
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)	1,694	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: _____