

SIMTARS
COLOUR PLOTS

48 FINAL MAIHAK GAS CONCENTRATIONS
MOURA #2 UNDERGROUND MINE

16 September 1994

Contents of binder CICM: 2-001/2-048 contain gas concentration data from the Maihak Mine Monitoring System at Moura #2 from 6/8/94 00:00 hr through to 10/8/94 23:59 hr. Data before and after this time has been excluded for better visualisation of pre and post explosion data. Included CICM: 2-049 is a representative drawing of the Monitor Sampling Points at Moura #2.

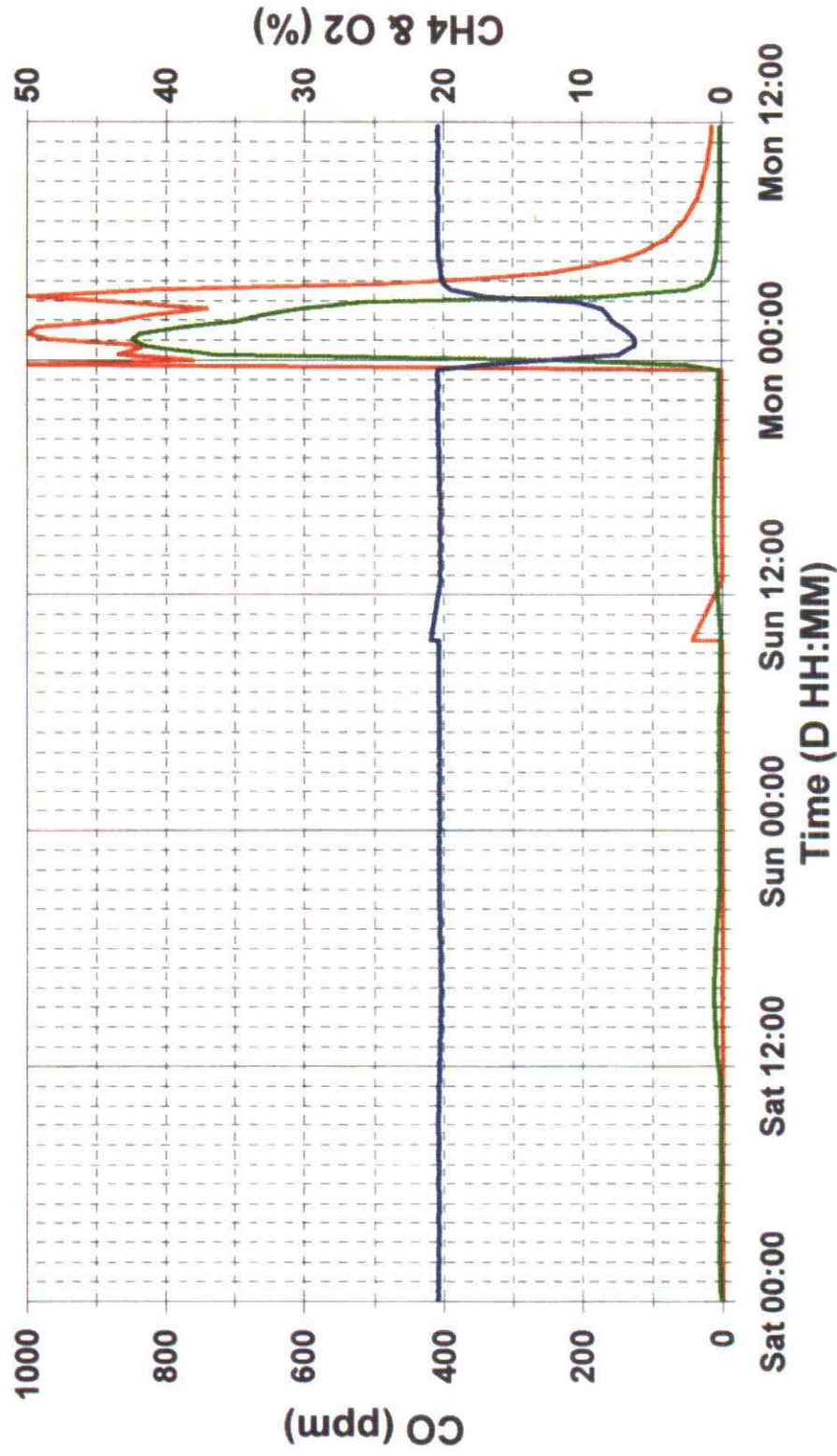
The gas values represented are as taken from the Maihak Mine Monitoring System. The only correction against the data was to correct a positive 5.6% offset in the high range methane readings. No time correction has been attempted to compensate for tube delays. The following tube delay values were obtained from Mine Inspector Mike Walker:

Pt1 - 4 South	10 min
Pt 3 - Fan North Return	17 min
Pt 4 - Fan South Return	13 min
Pt 5 - 512 Seals	44 min
Pt 6 - 5 South Bottom	43 min
Pt 7 - 5 South Top	40 min
Pt 8 - North West Return	18 min
Pt 9 - 17 C/T Dips	10 min
Pt 14 - Pump Room	0 min
Pt 16 - 512 Top Return	73 min
Pt 18 - 510 North Return	Bad Sample Point - No Delay Information
Pt 19 - Dips North Return	14 min

Caution should be used in trying to interpret any gas values post explosion #1 as the integrity of the tube bundle system is suspect.

Pt1: 4 South

(Final: 10/9/94)



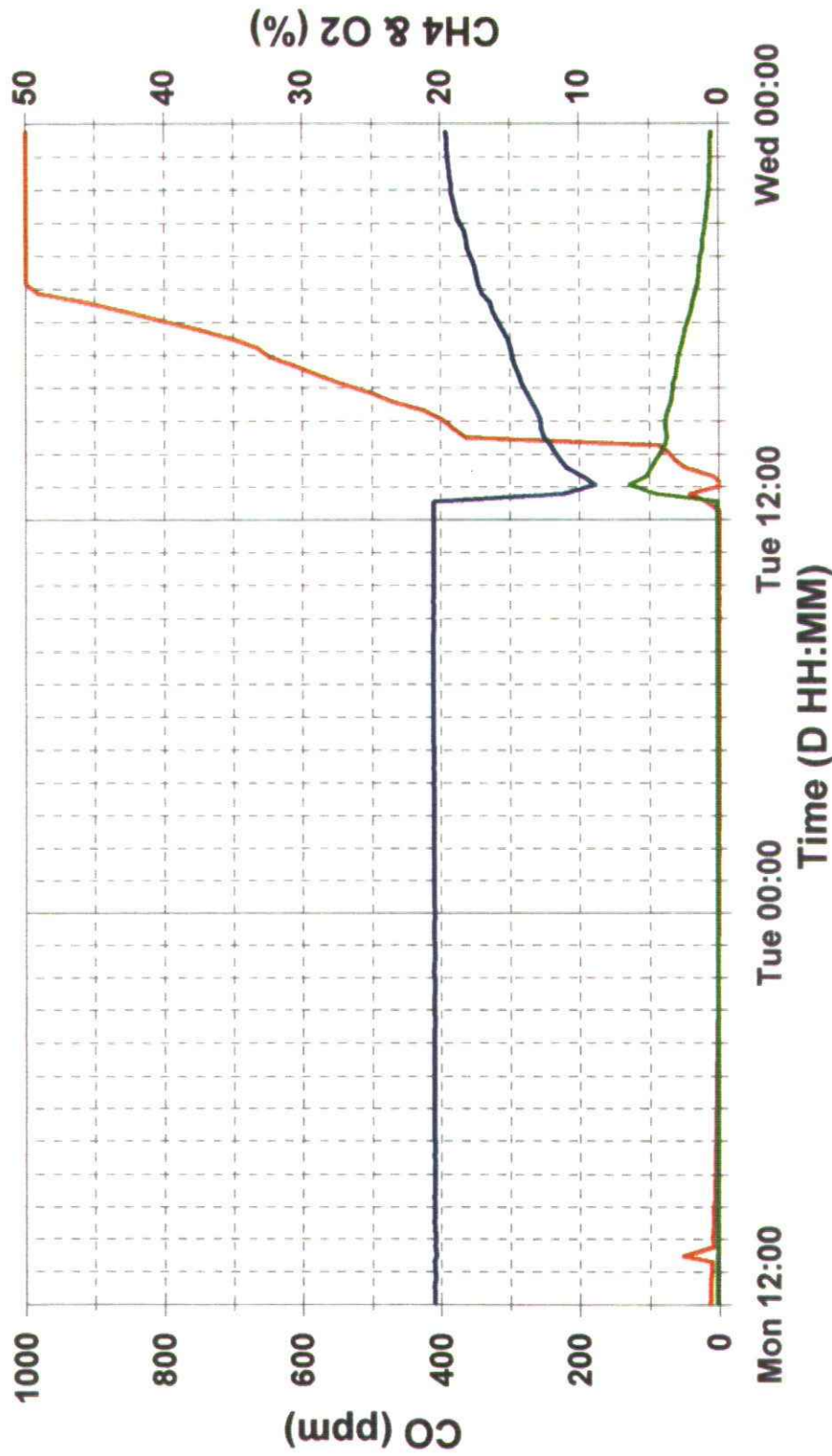
File Ref: 10/012/0005
Source File: PT_DATA3.WB1

— CO — CH4 — O2

Moura #2 6/8/94 - 8/8/94



Pt1: 4 South (Final: 10/9/94)



File Ref: 10/012/0005
Source File: PT_DATA3.WB1

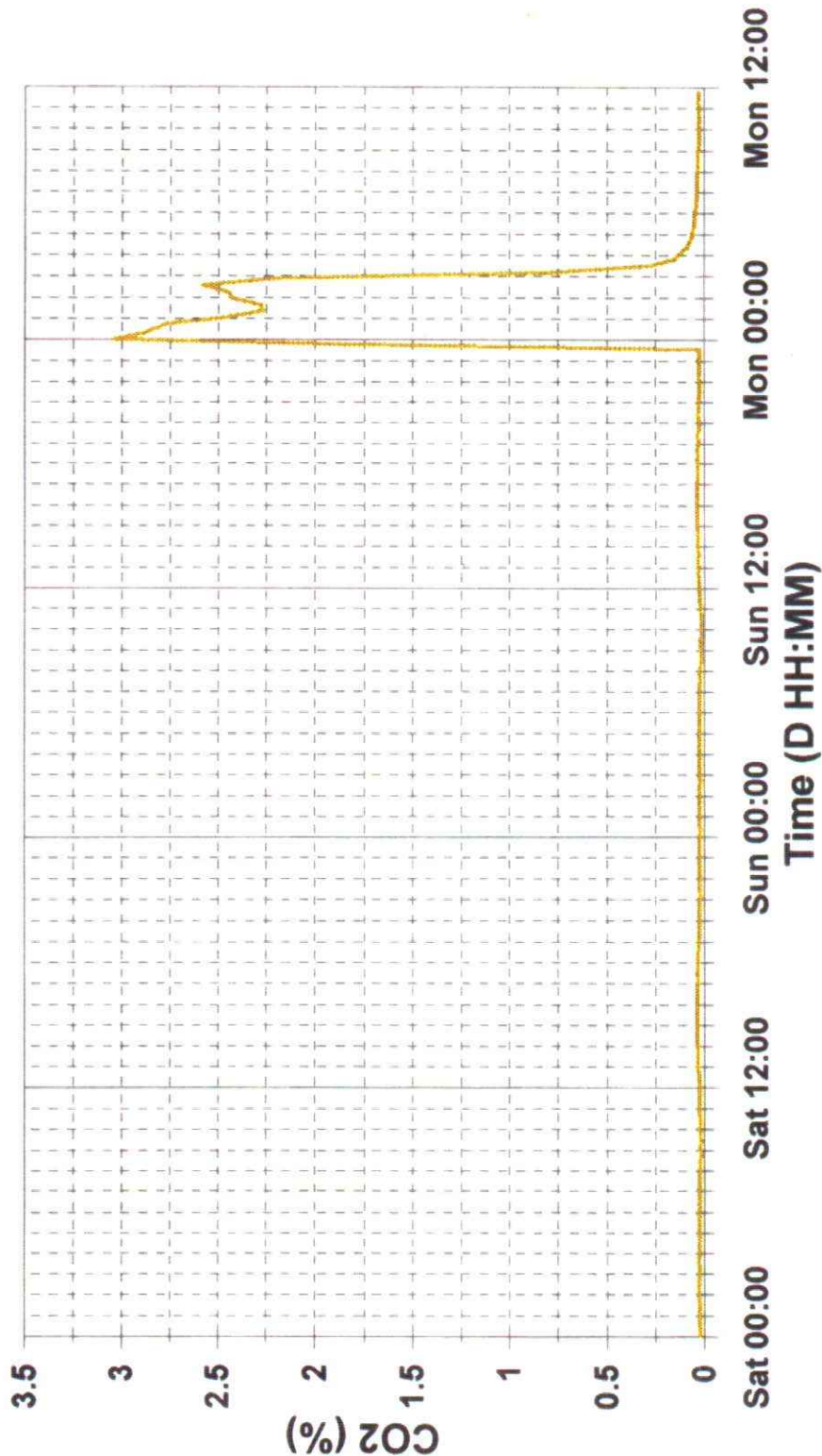
— CO — CH4 — O2

Moura #2 8/8/94 - 10/8/94



Pt1: 4 South

(Final: 10/9/94)



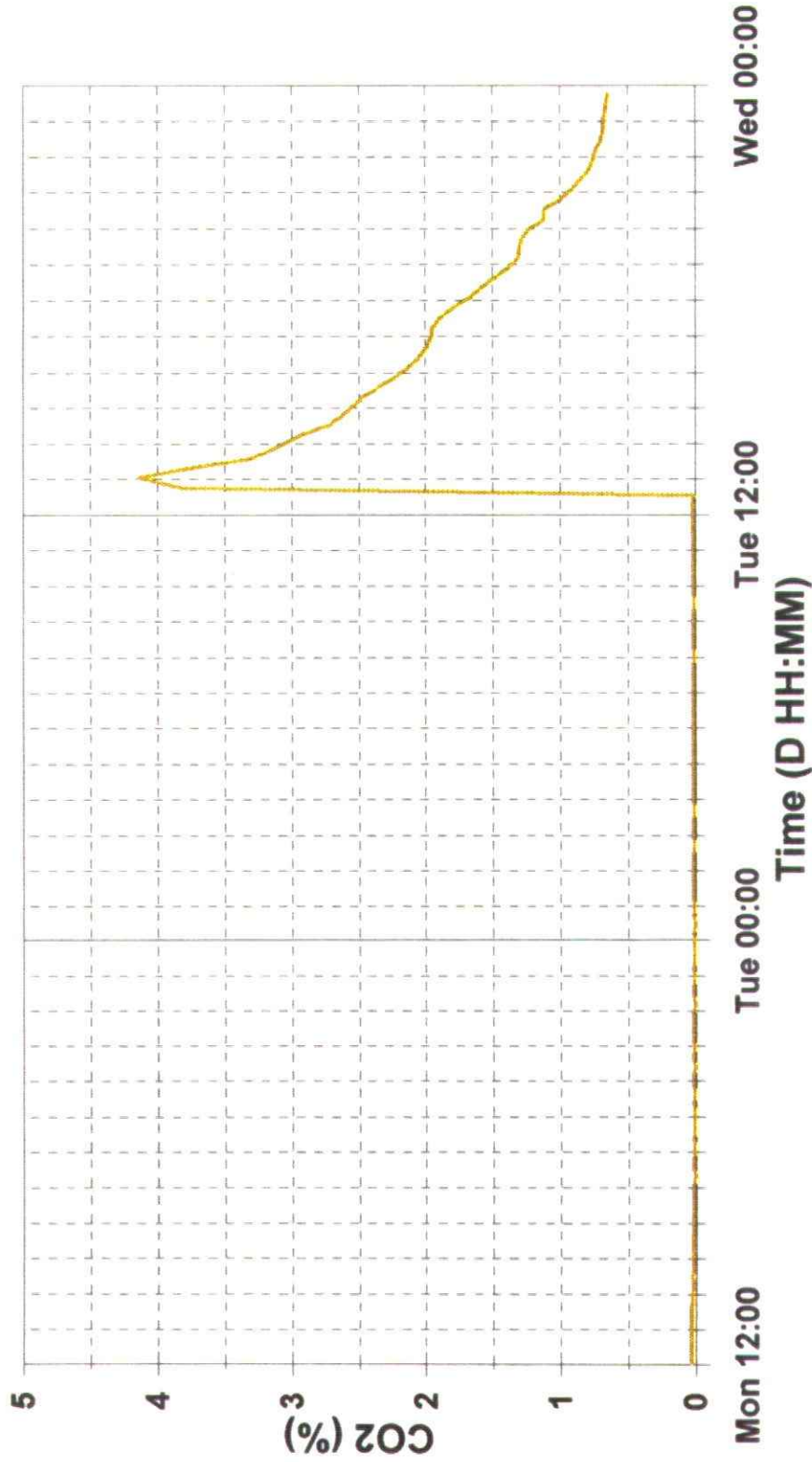
File Ref: 10/012/0005
Source File: PT_DATA3.WB1

— CO2

Moura #2 6/8/94 - 8/8/94

Pt1: 4 South

(Final: 10/9/94)



File Ref: 10/012/0005
Source File: PT_DATA3.WB1

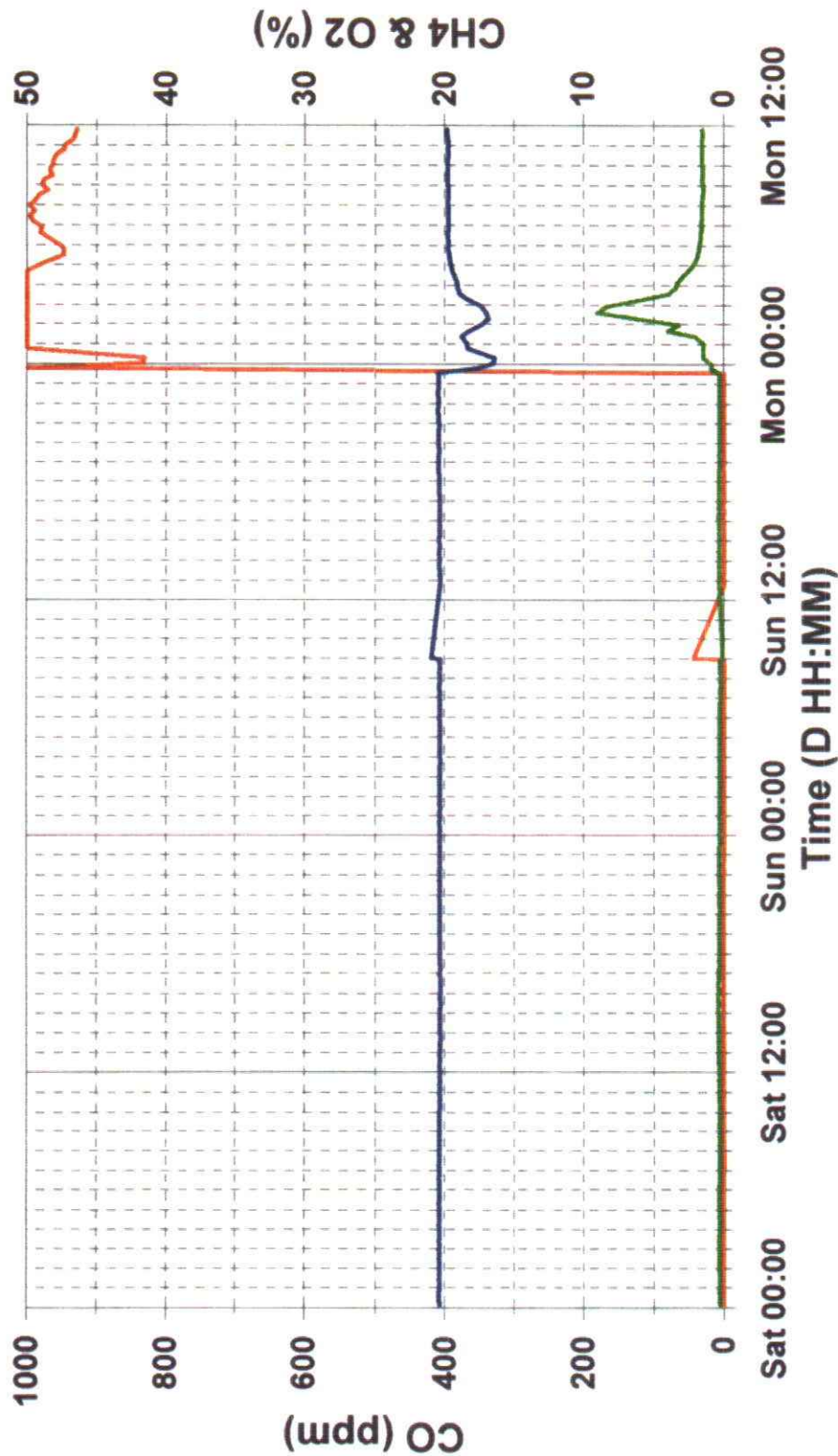
CO2

Moura #2 8/8/94 - 10/8/94



Pt3: Fan North Return

(Final: 10/9/94)



File Ref: 10/012/0005
Source File: PT_DATA3.WB1

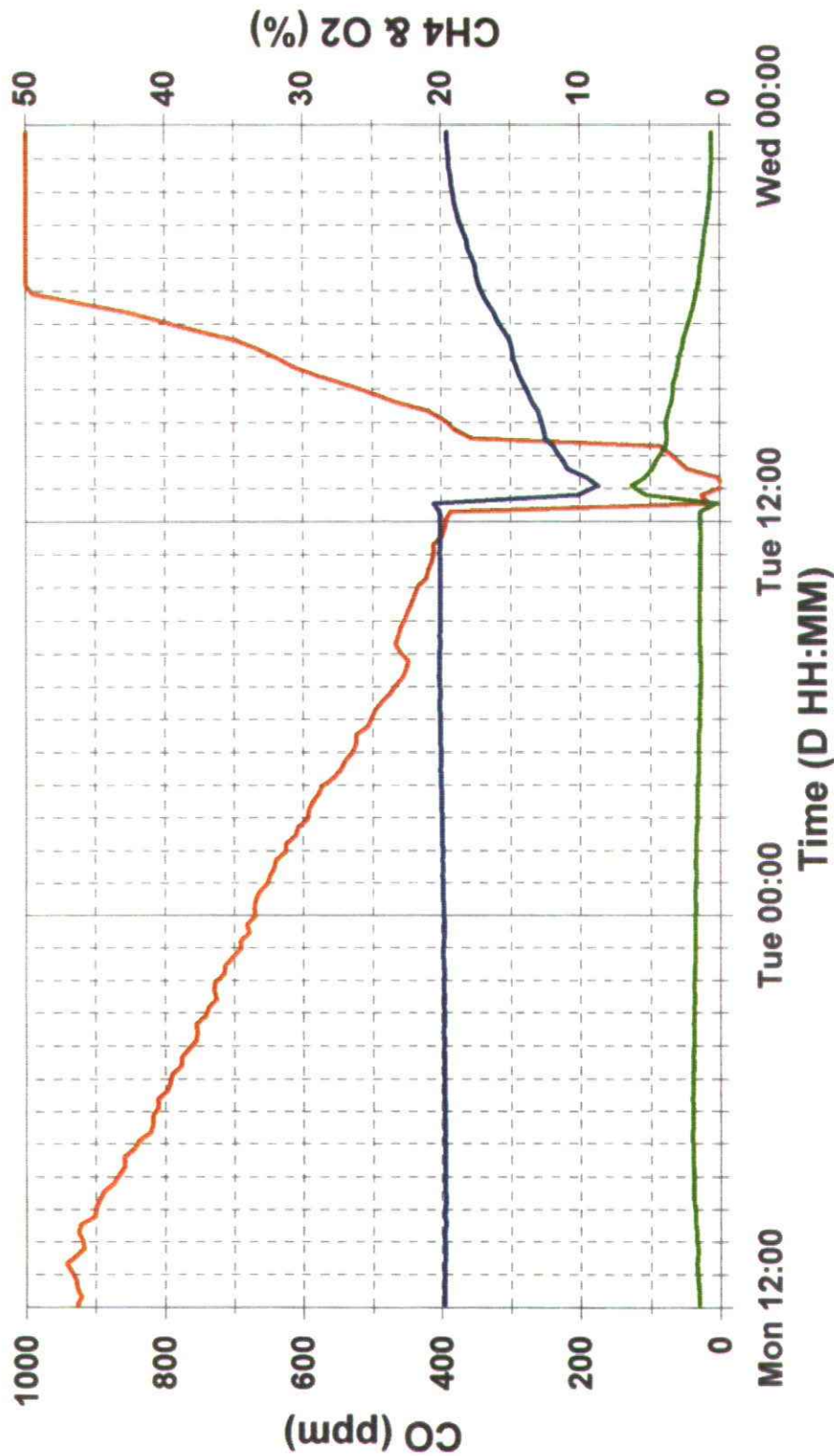
— CO — CH4 — O2

Moura #2 6/8/94 - 8/8/94



Pt3: Fan North Return

(Final: 10/9/94)



File Ref: 10/012/0005
Source File: PT_DATA3.WB1

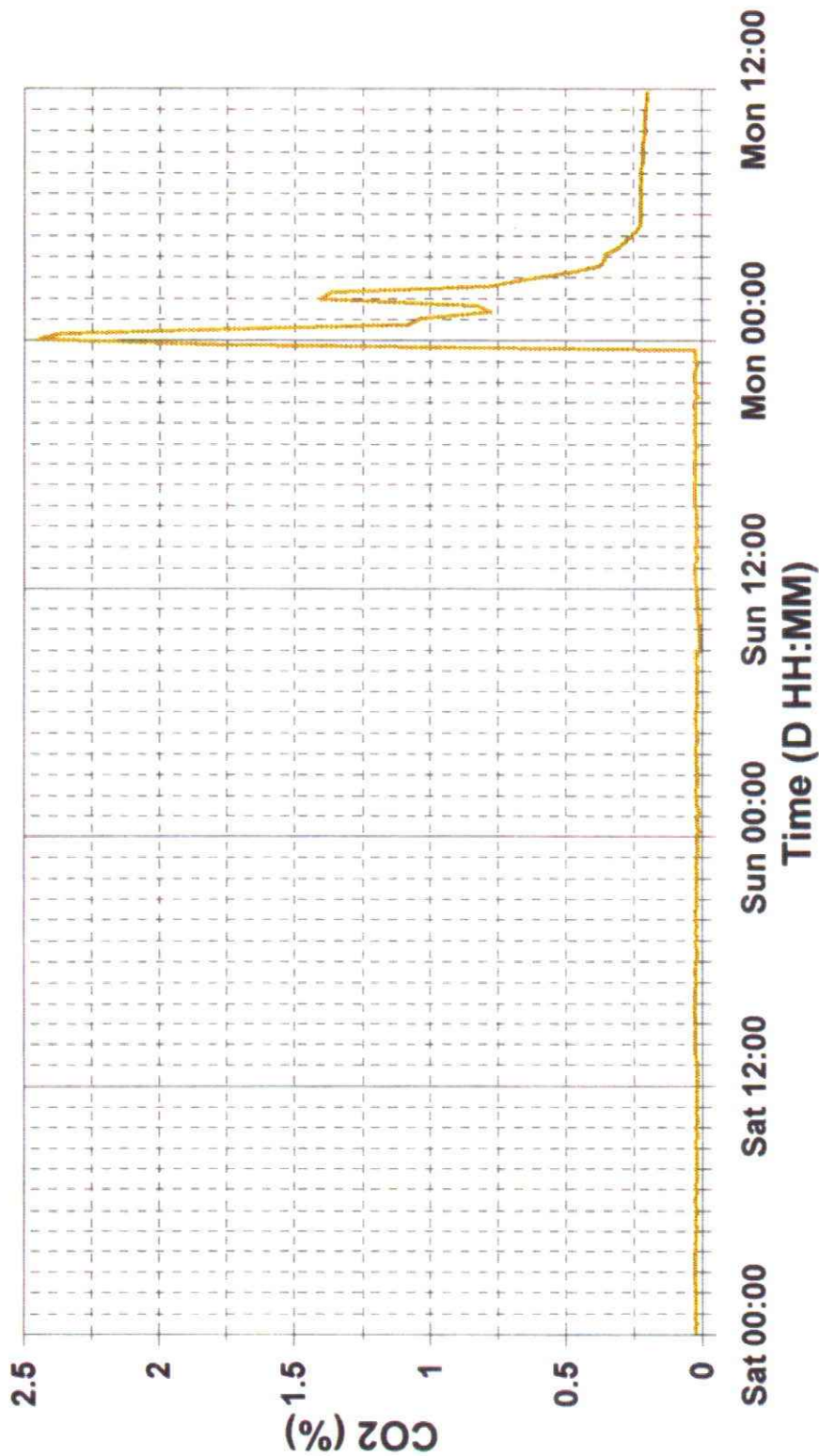
— CO — CH4 — O2

Moura #2 8/8/94 - 10/8/94



Pt3: Fan North Return

(Final: 10/9/94)



File Ref: 10/012/0005
Source File: PT_DATA3.WB1

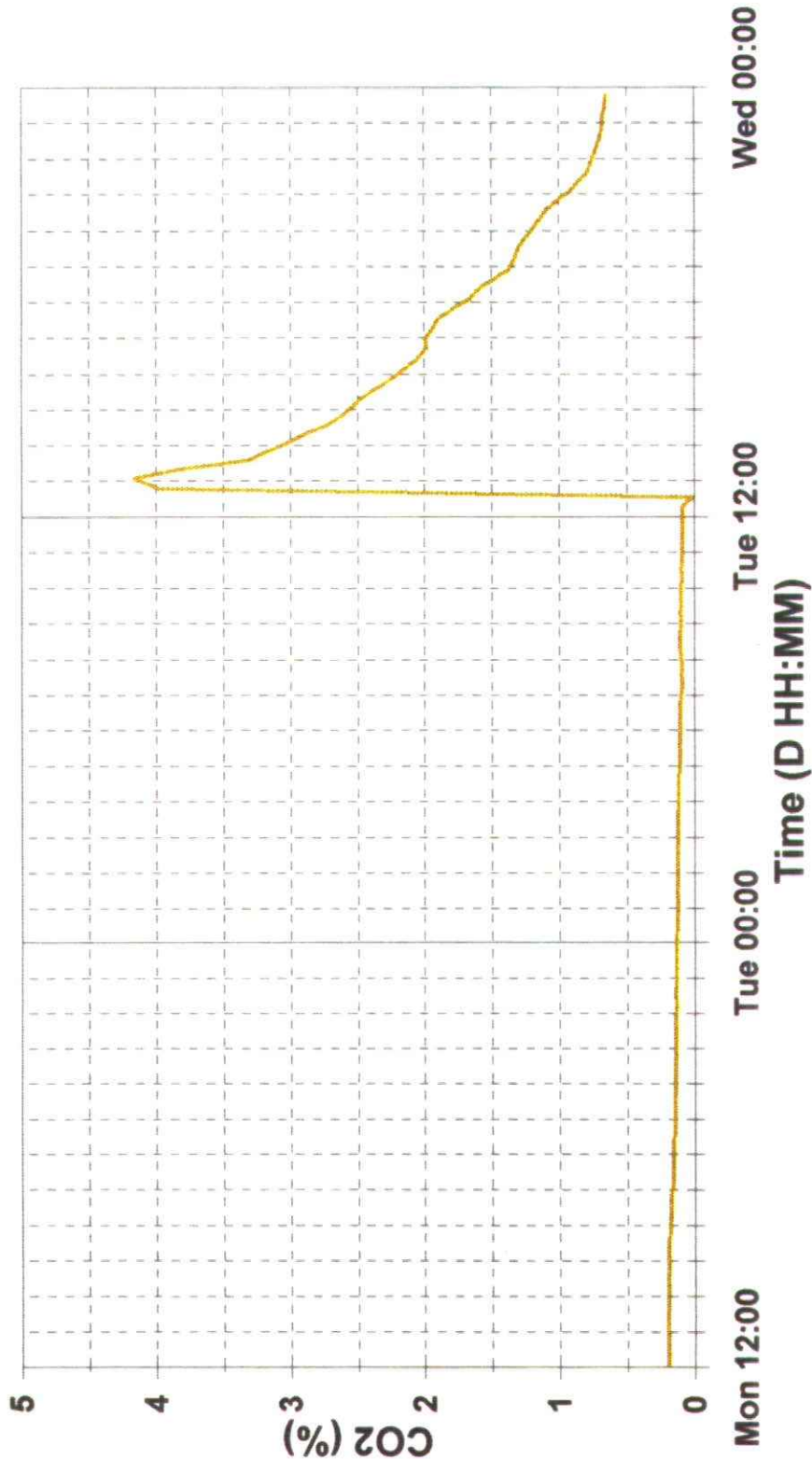
— CO2

Moura #2 6/8/94 - 8/8/94



Pt3: Fan North Return

(Final: 10/9/94)



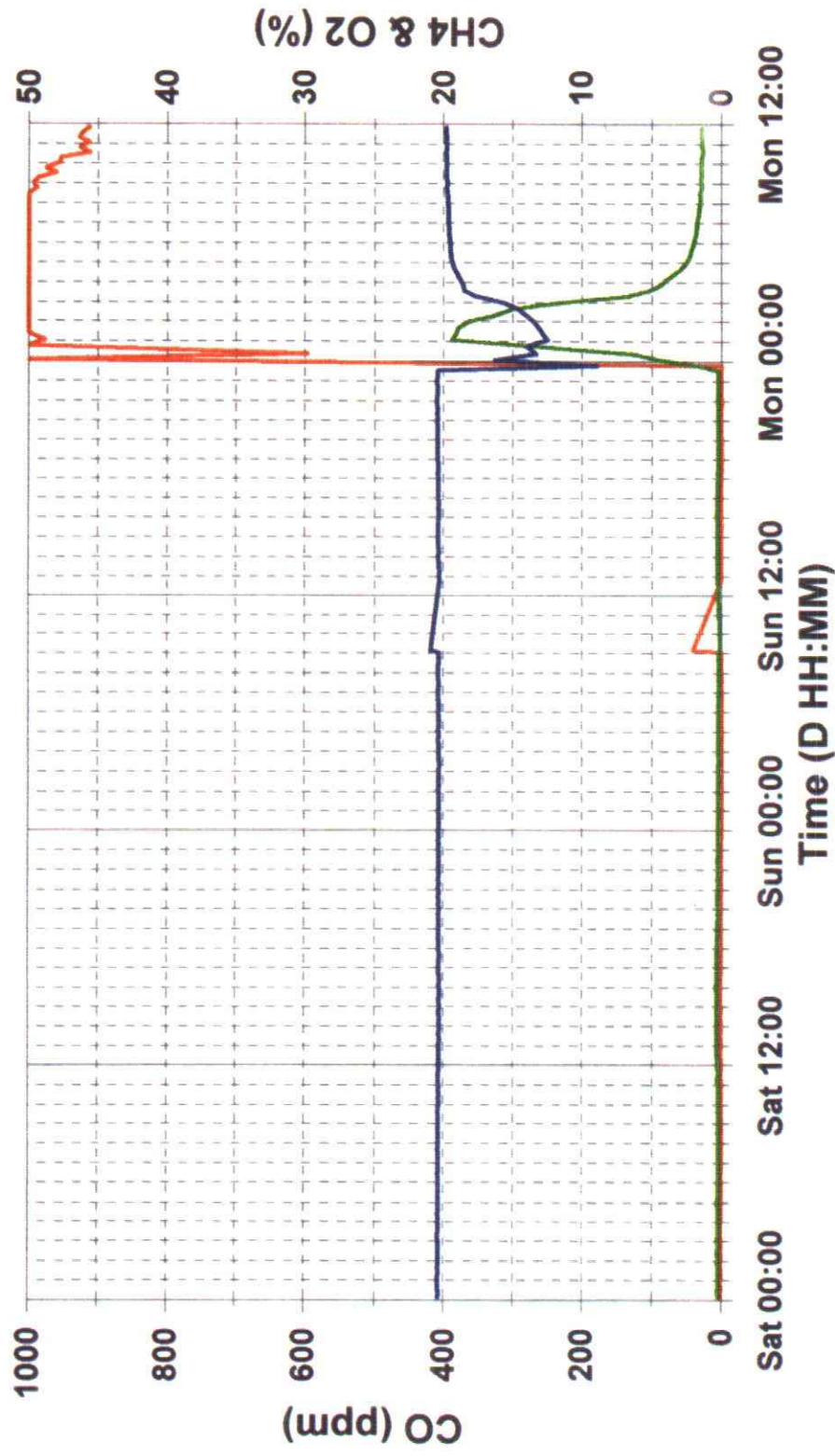
File Ref: 10/012/0005
Source File: PT_DATA3.WB1

CO2

Moura #2 8/8/94 - 10/8/94

Pt4: Fan South Return

(Final: 10/9/94)



File Ref: 10/012/0005
Source File: PT_DATA3.WB1

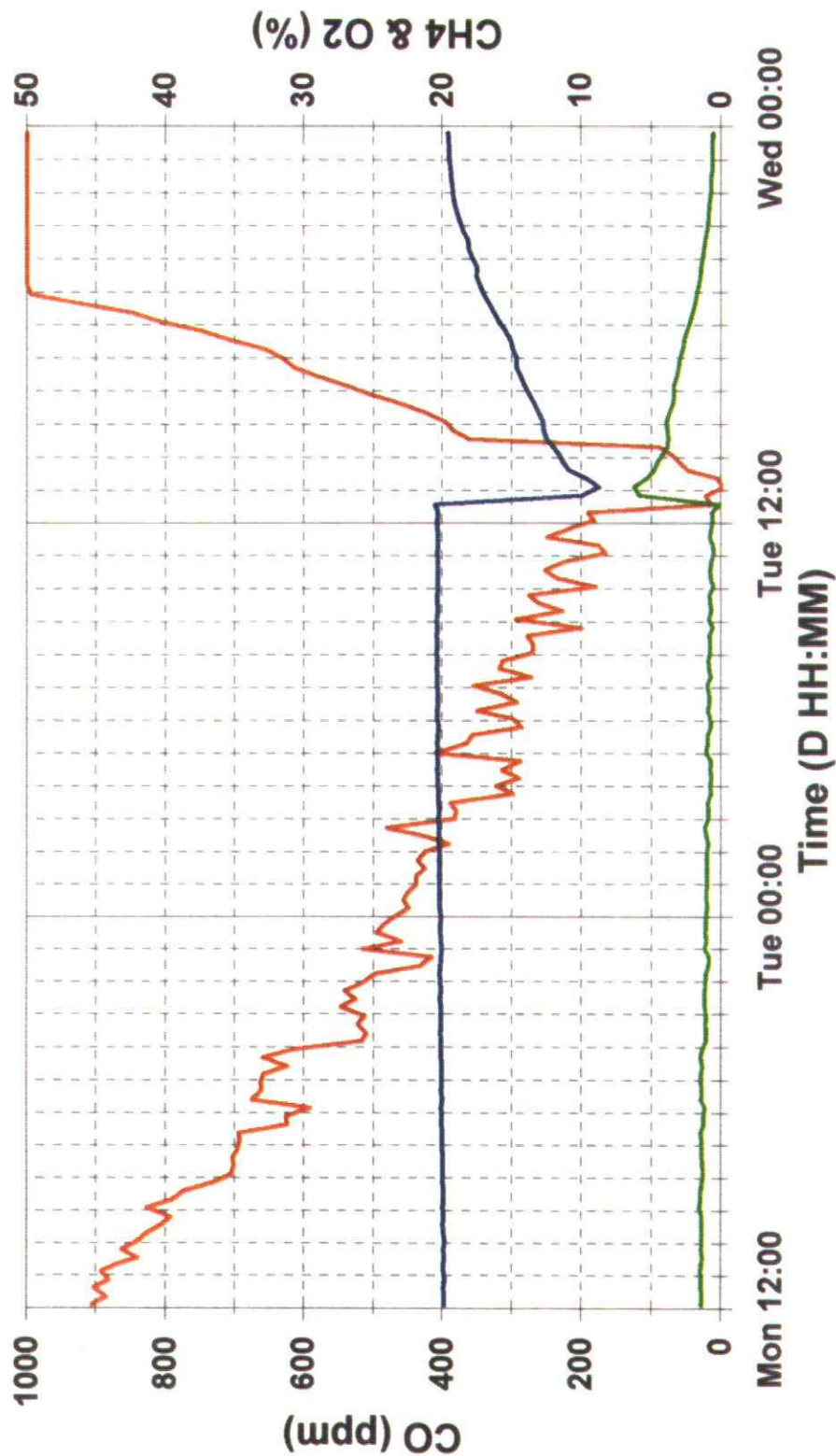
— CO — CH4 — O2

Moura #2 6/8/94 - 8/8/94



Pt4: Fan South Return

(Final: 10/9/94)



File Ref: 10/012/0005
Source File: PT_DATA3.WB1

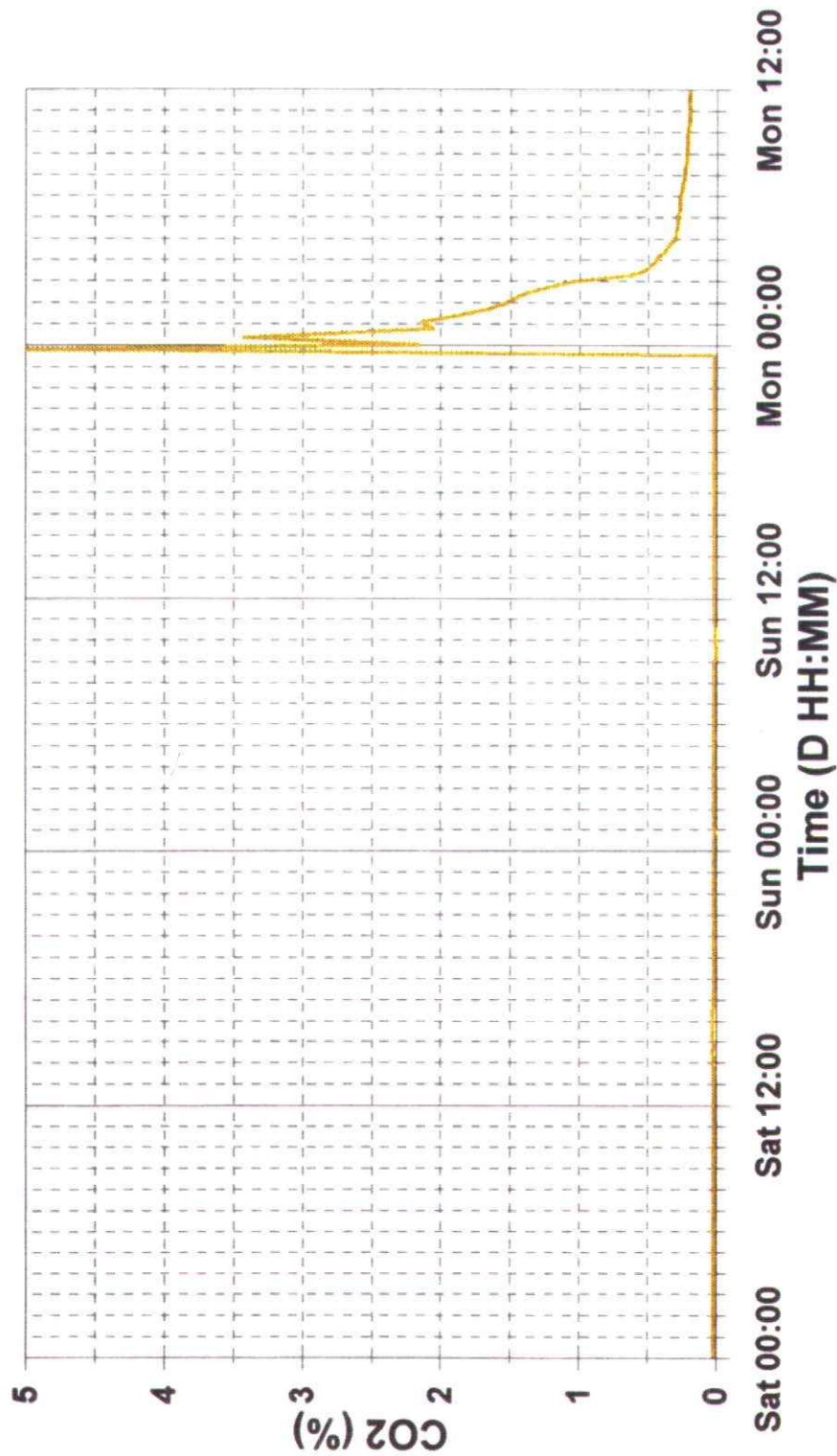
— CO — CH4 — O2

Moura #2 8/8/94 - 10/8/94



Pt4: Fan South Return

(Final: 10/9/94)



File Ref: 10/012/0005
Source File: PT_DATA3.WB1

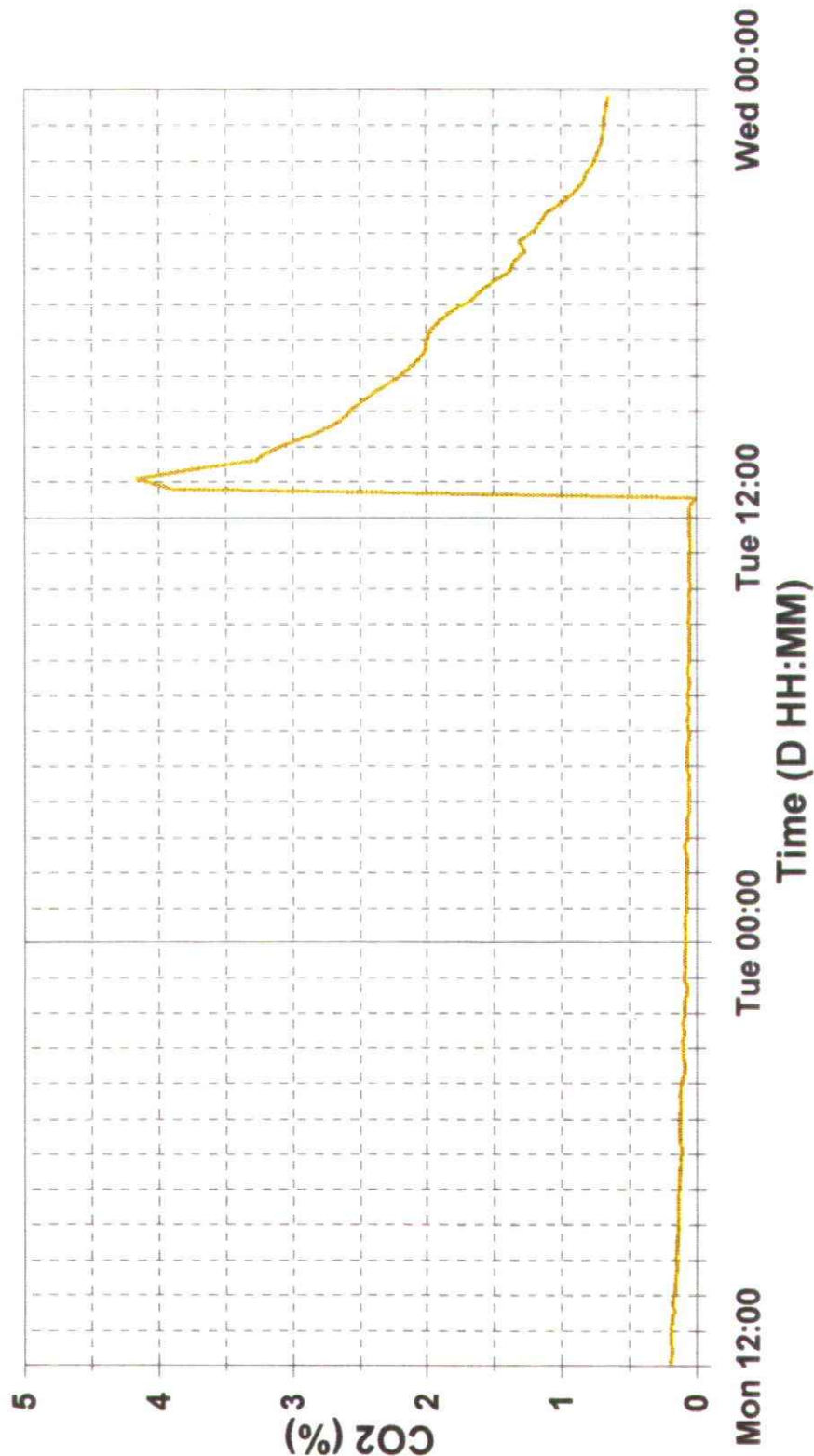
CO2

Moura #2 6/8/94 - 8/8/94



Pt4: Fan South Return

(Final: 10/9/94)



File Ref: 10/012/0005
Source File: PT_DATA3.WB1

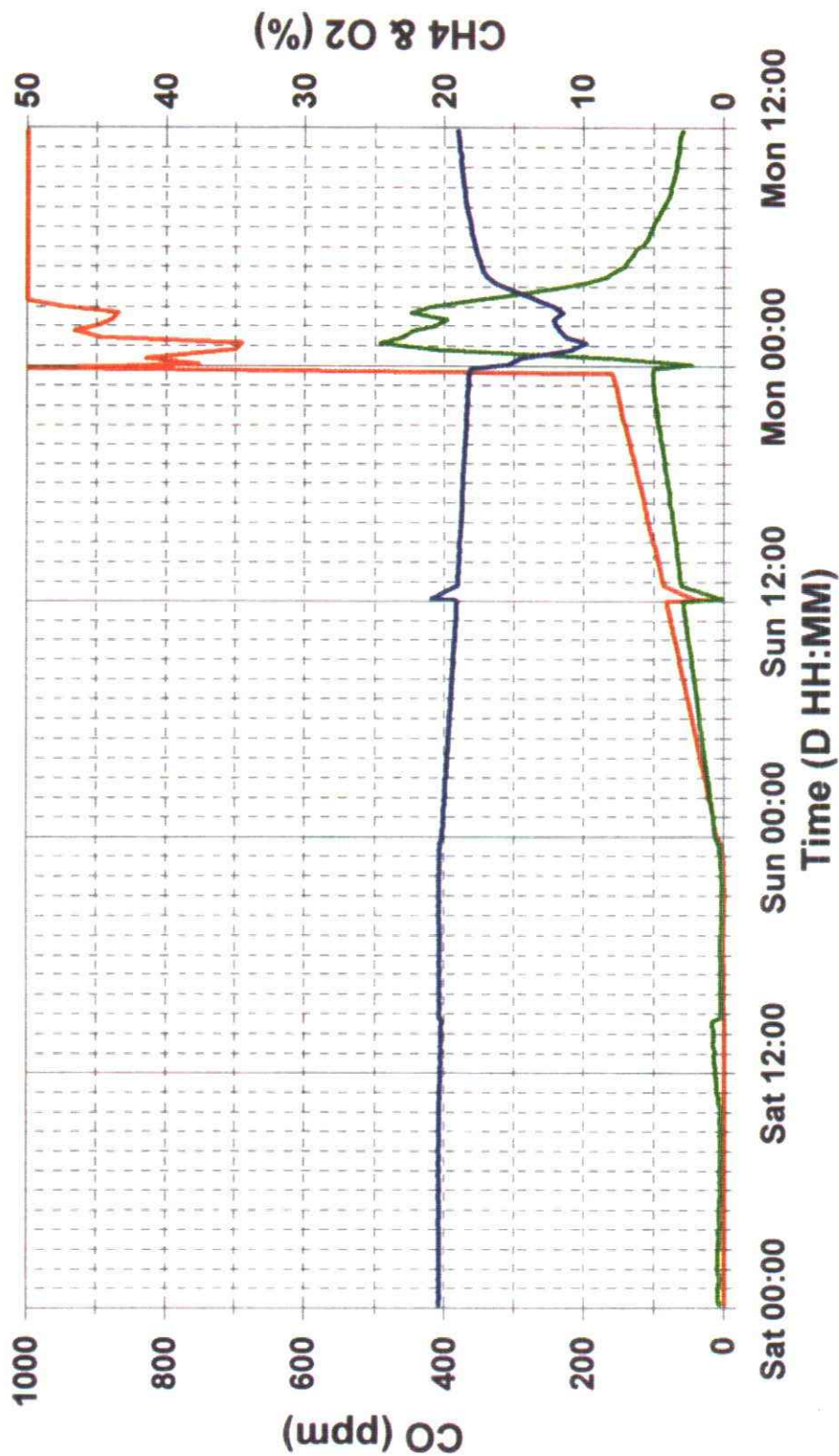
CO2

Moura #2 8/8/94 - 10/8/94



Pt5: 512 Seals

(Final: 10/9/94)

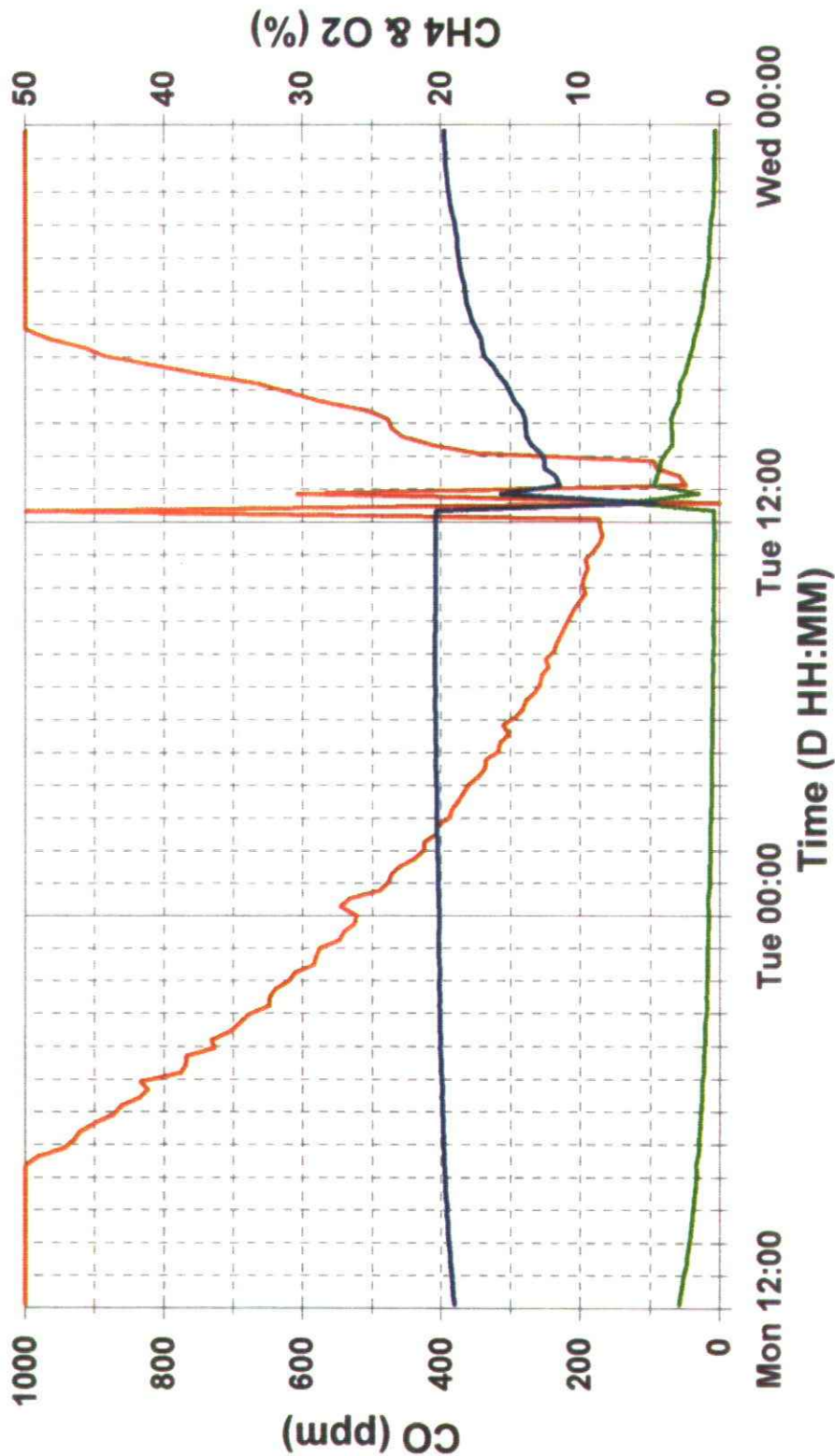


Moura #2 6/8/94 - 8/8/94

File Ref: 10/012/0005
Source File: PT_DATA3.WB1



Pt5: 512 Seals (Final: 10/9/94)



File Ref: 10/012/0005
Source File: PT_DATA3.WB1

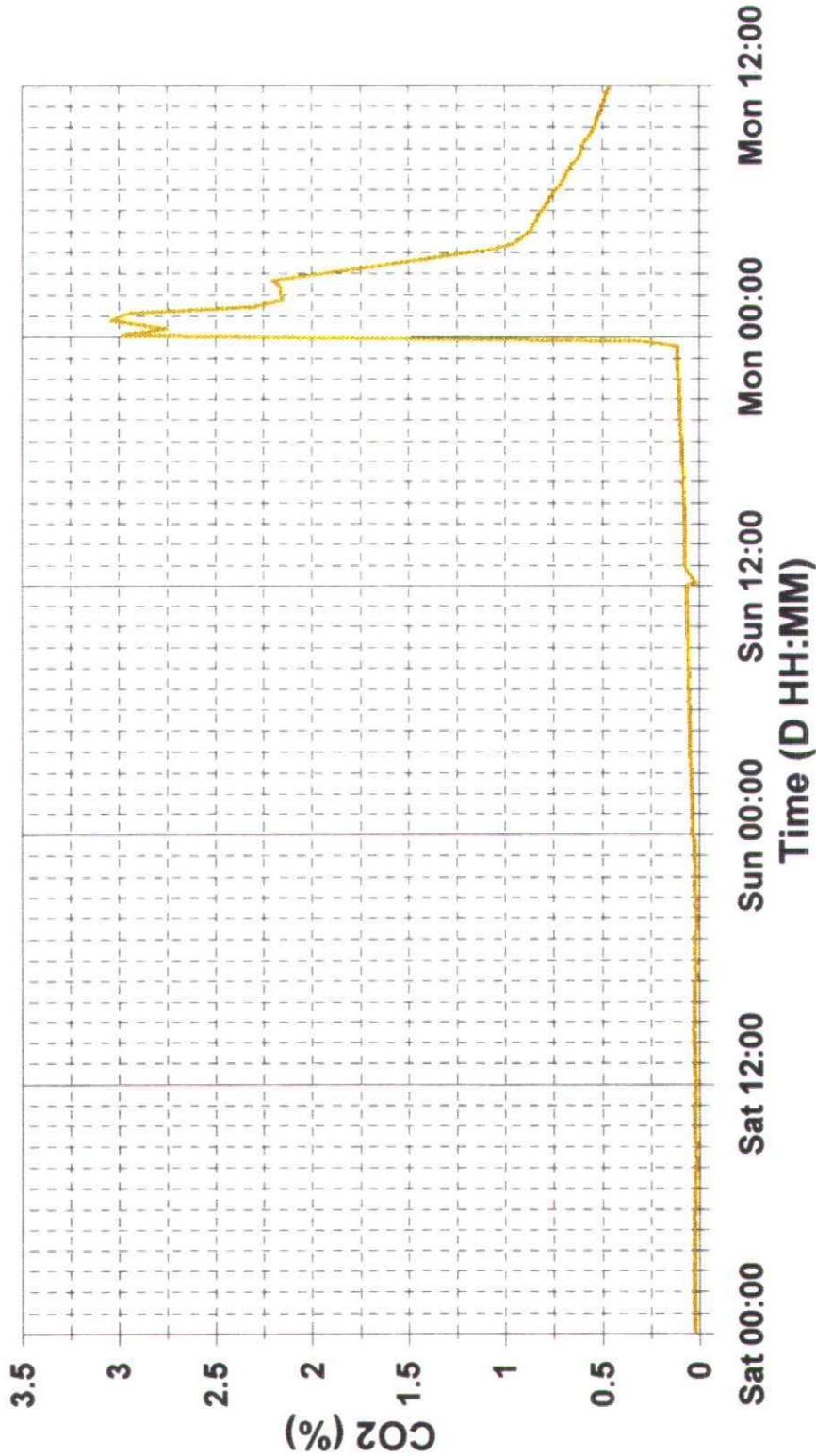
— CO — CH4 — O2

Moura #2 8/8/94 - 10/8/94



Pt5: 512 Seals

(Final: 10/9/94)



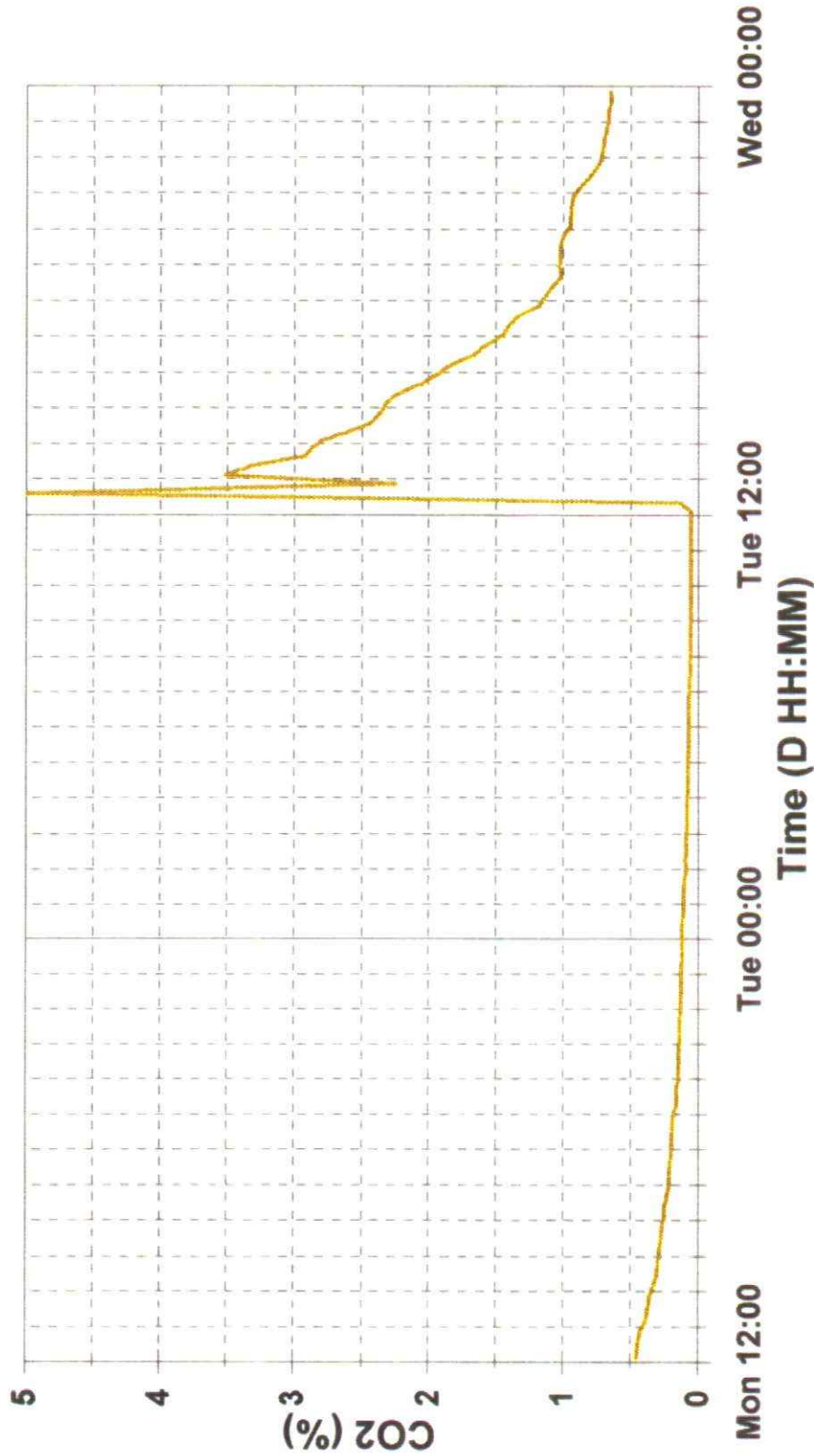
File Ref: 10/012/0005
Source File: PT_DATA3.WB1

— CO2

Moura #2 6/8/94 - 8/8/94

Pt5: 512 Seals

(Final: 10/9/94)



File Ref: 10/012/0005
Source File: PT_DATA3.WB1

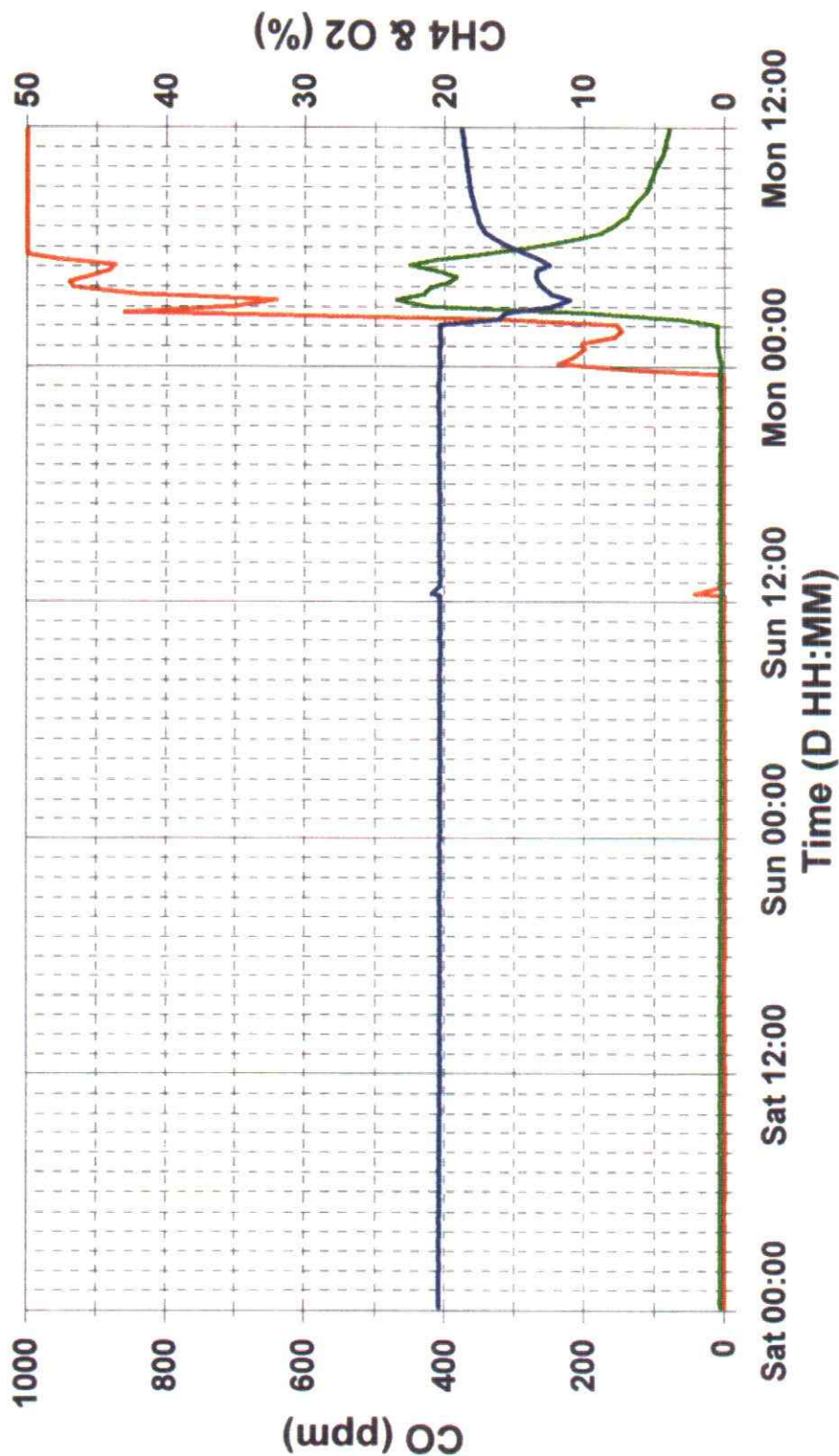
— CO2

Moura #2 8/8/94 - 10/8/94



Pt6: 5 South Bottom

(Final: 10/9/94)



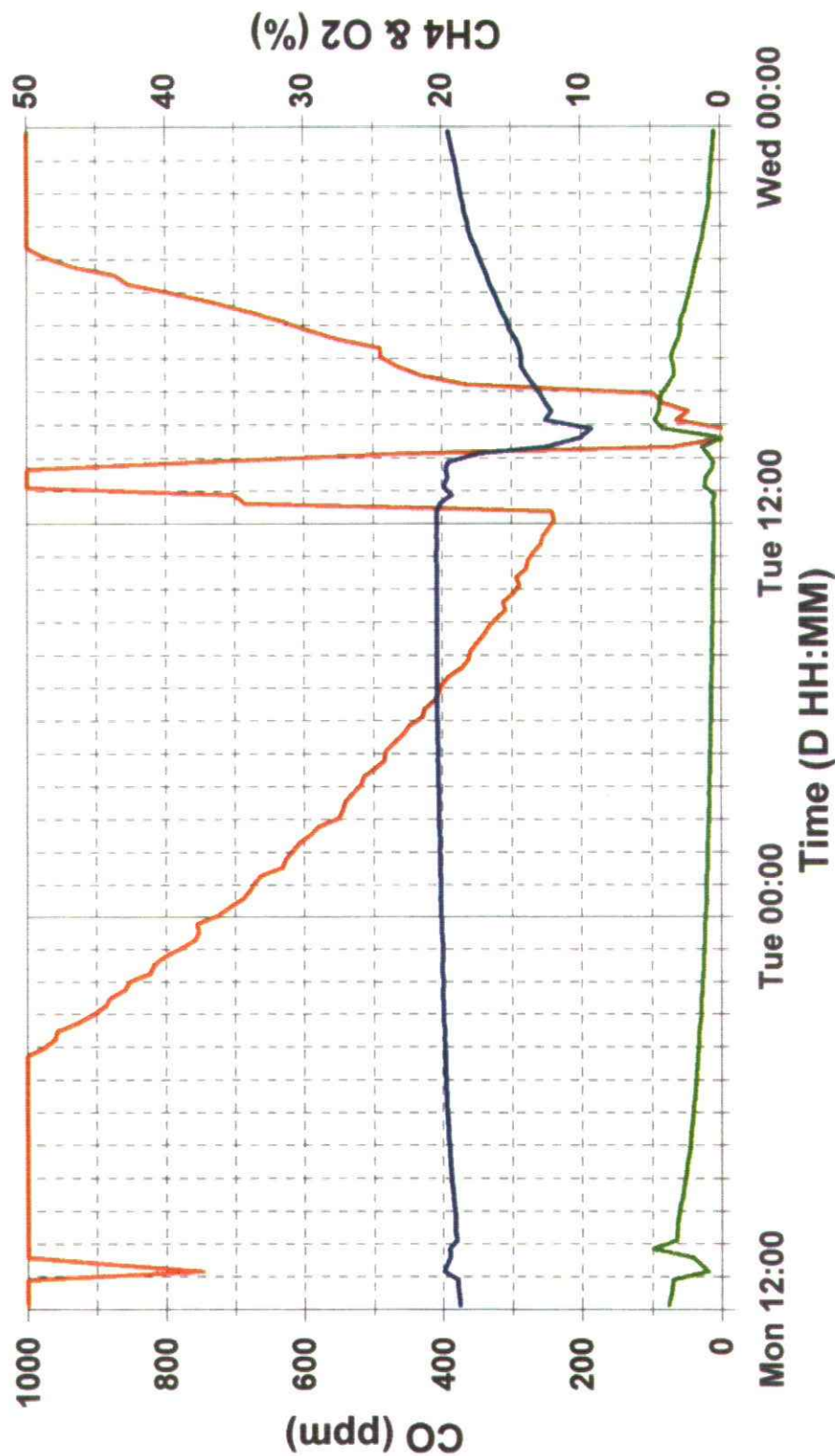
File Ref: 10/012/0005
Source File: PT_DATA3.WB1

— CO — CH4 — O2

Moura #2 6/8/94 - 8/8/94

Pt6: 5 South Bottom

(Final: 10/9/94)



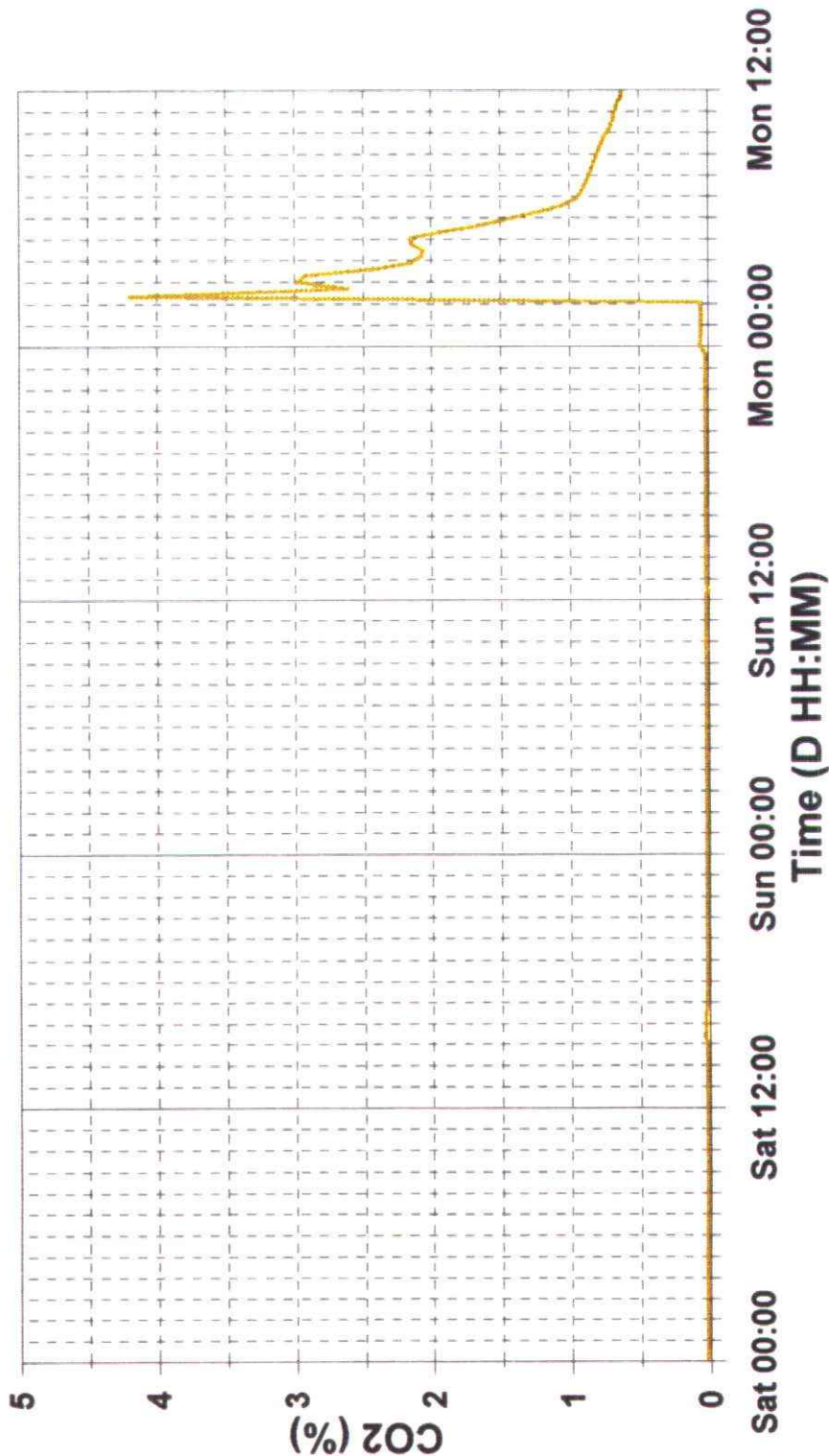
File Ref: 10/012/0005
 Source File: PT_DATA3.WB1

CO CH4 O2

Moura #2 8/8/94 - 10/8/94

Pt6: 5 South Bottom

(Final: 10/9/94)



File Ref: 10/012/0005
Source File: PT_DATA3.WB1

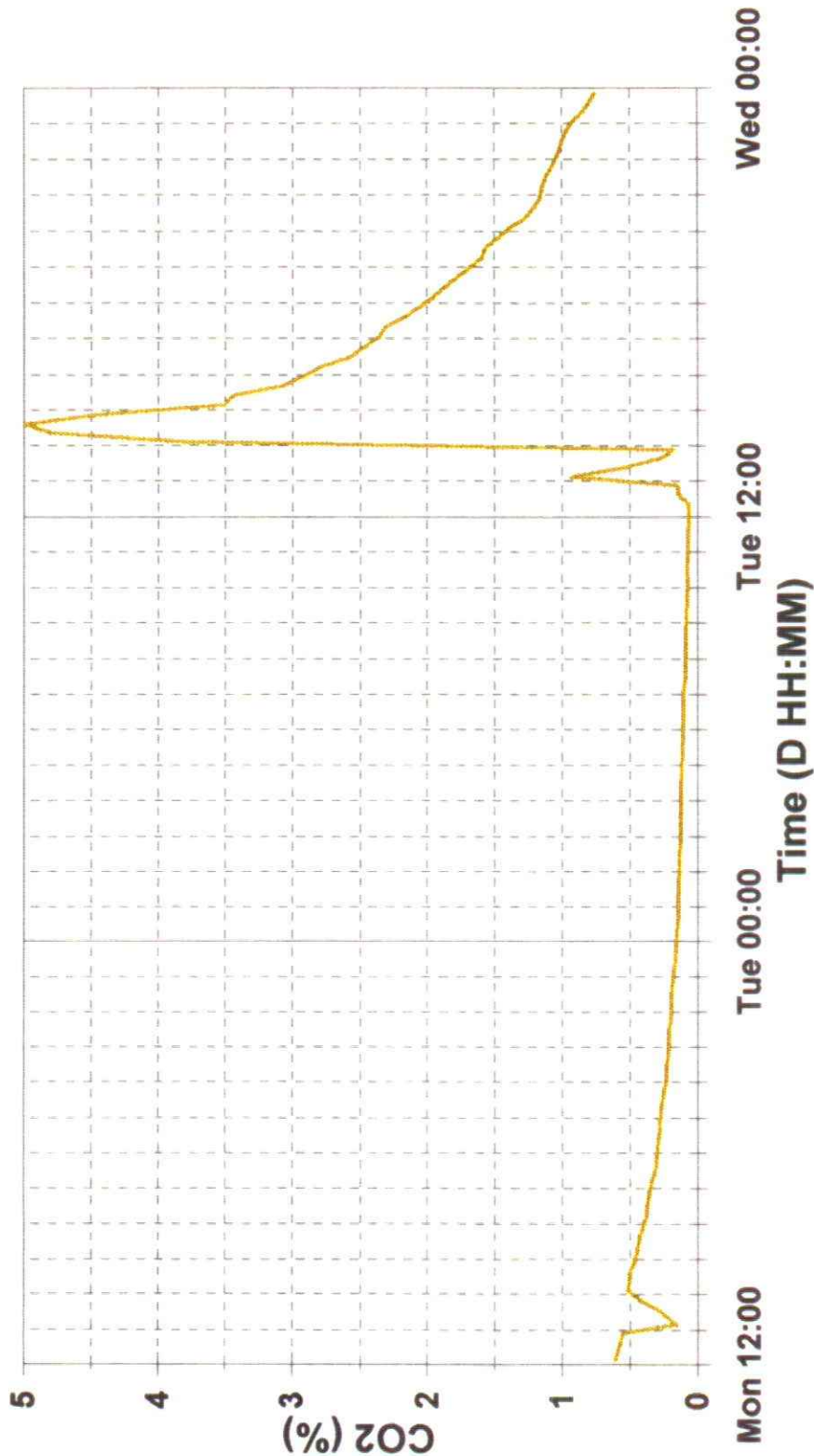
CO2

Moura #2 6/8/94 - 8/8/94



Pt6: 5 South Bottom

(Final: 10/9/94)



— CO2

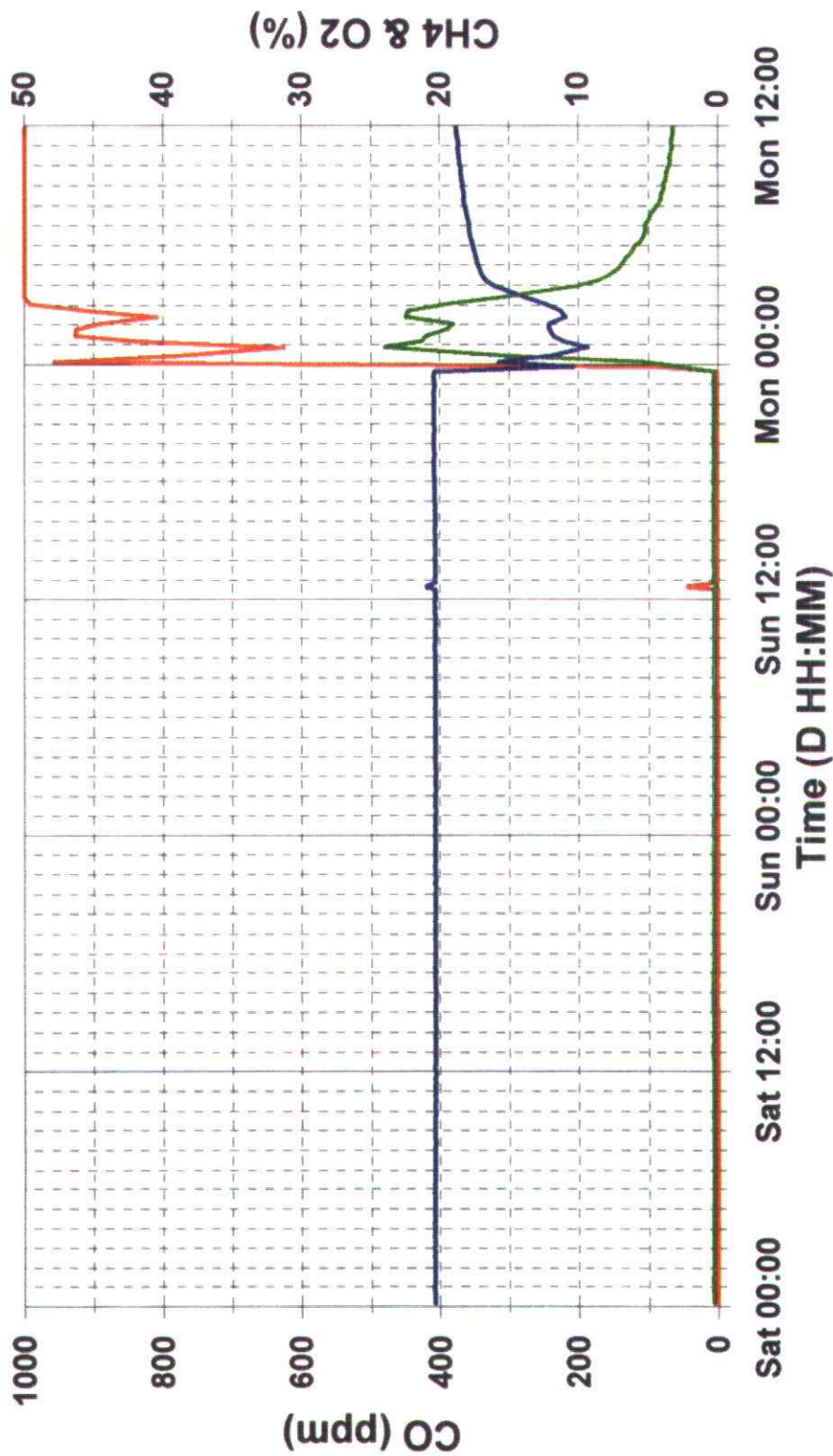
File Ref: 10/012/0005
Source File: PT_DATA3.WB1

Moura #2 8/8/94 - 10/8/94



Pt7: 5 South Top

(Final: 10/9/94)



File Ref: 10/012/0005
Source File: PT_DATA3.WB1

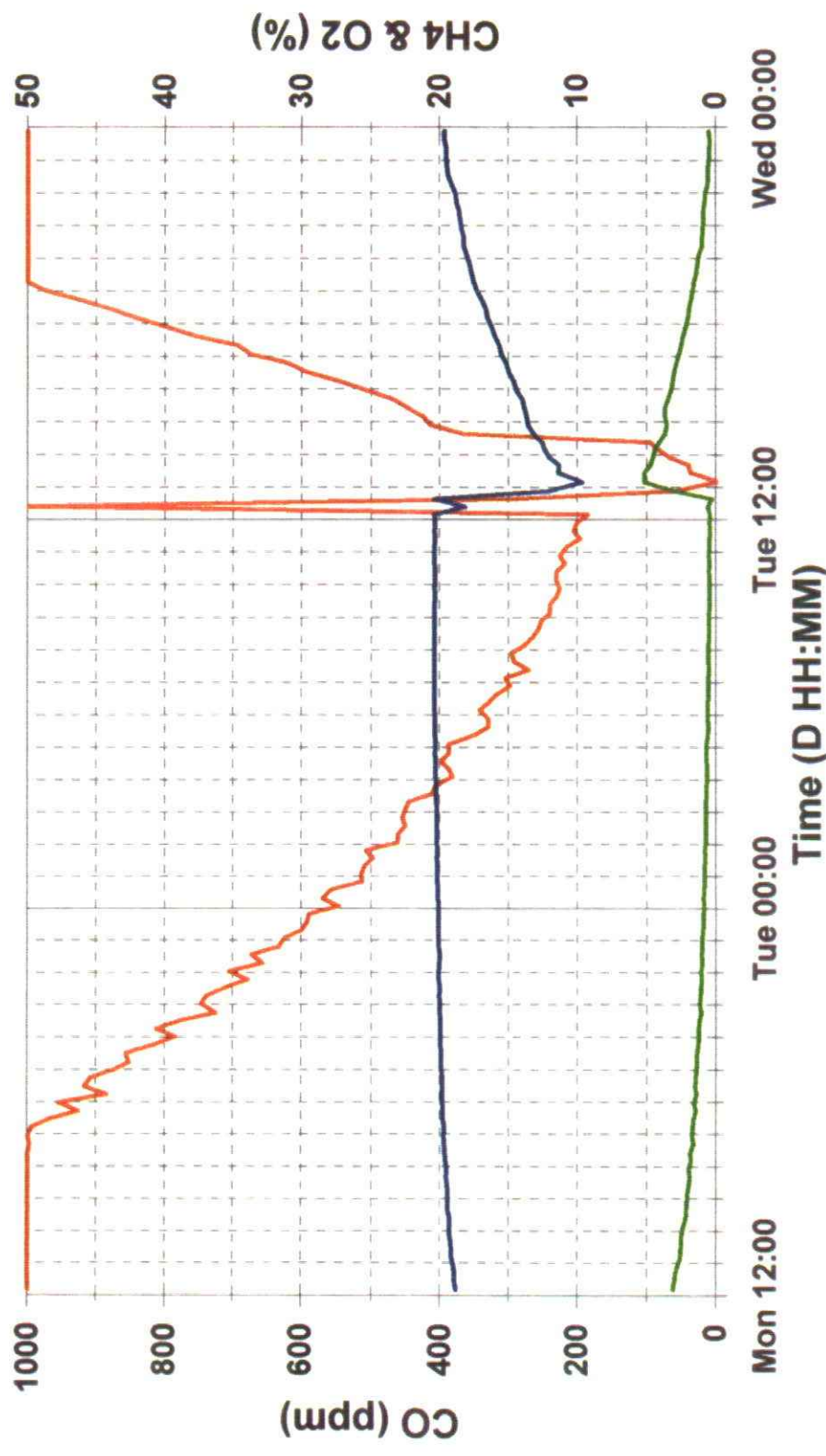
CO — CH4 — O2

Moura #2 6/8/94 - 8/8/94



Pt7: 5 South Top

(Final: 10/9/94)



File Ref: 10/012/0005
Source File: PT_DATA3.WB1

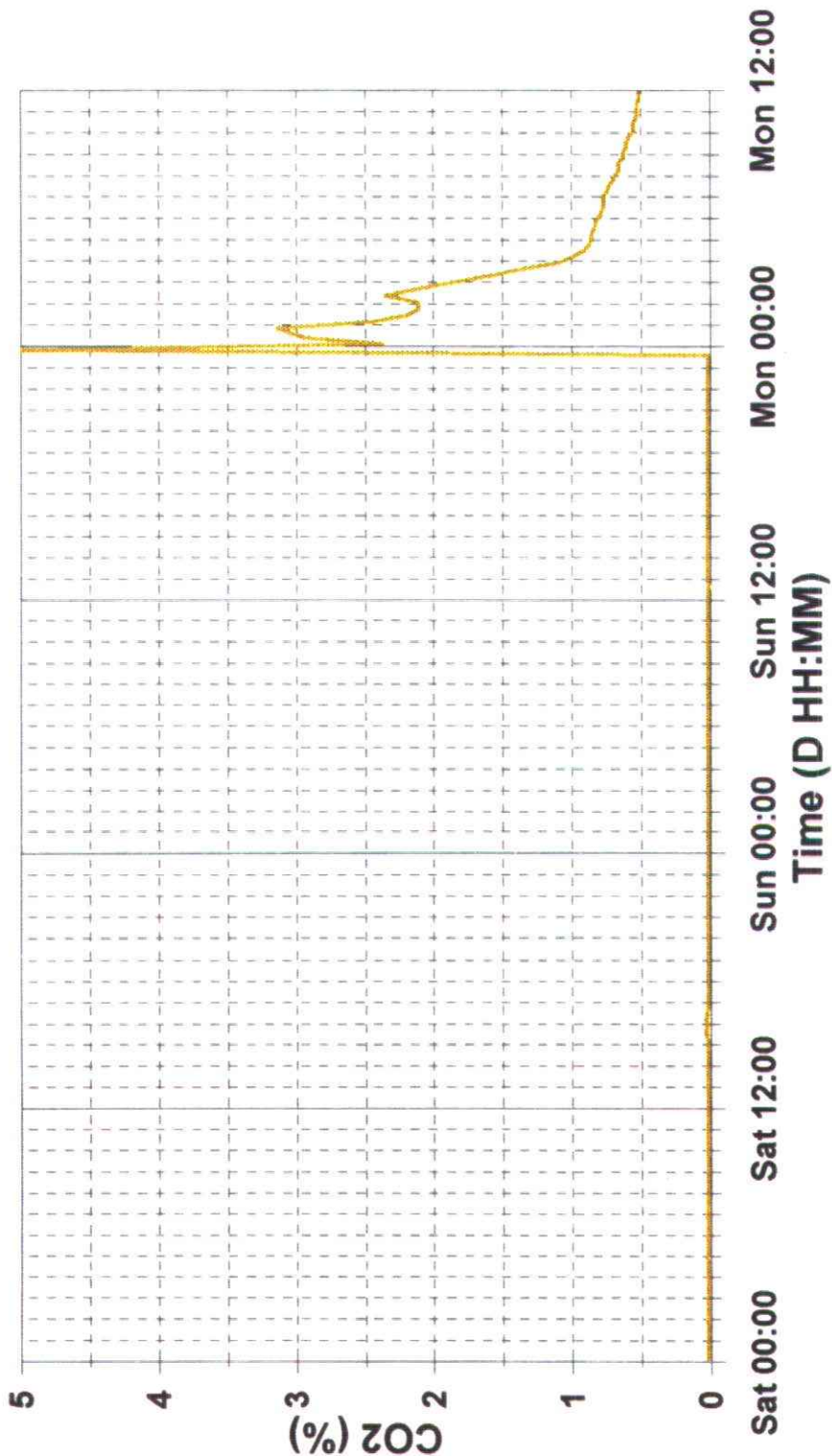
— CO — CH4 — O2

Moura #2 8/8/94 - 10/8/94



Pt7: 5 South Top

(Final: 10/9/94)



File Ref: 10/012/0005
Source File: PT_DATA3.WB1

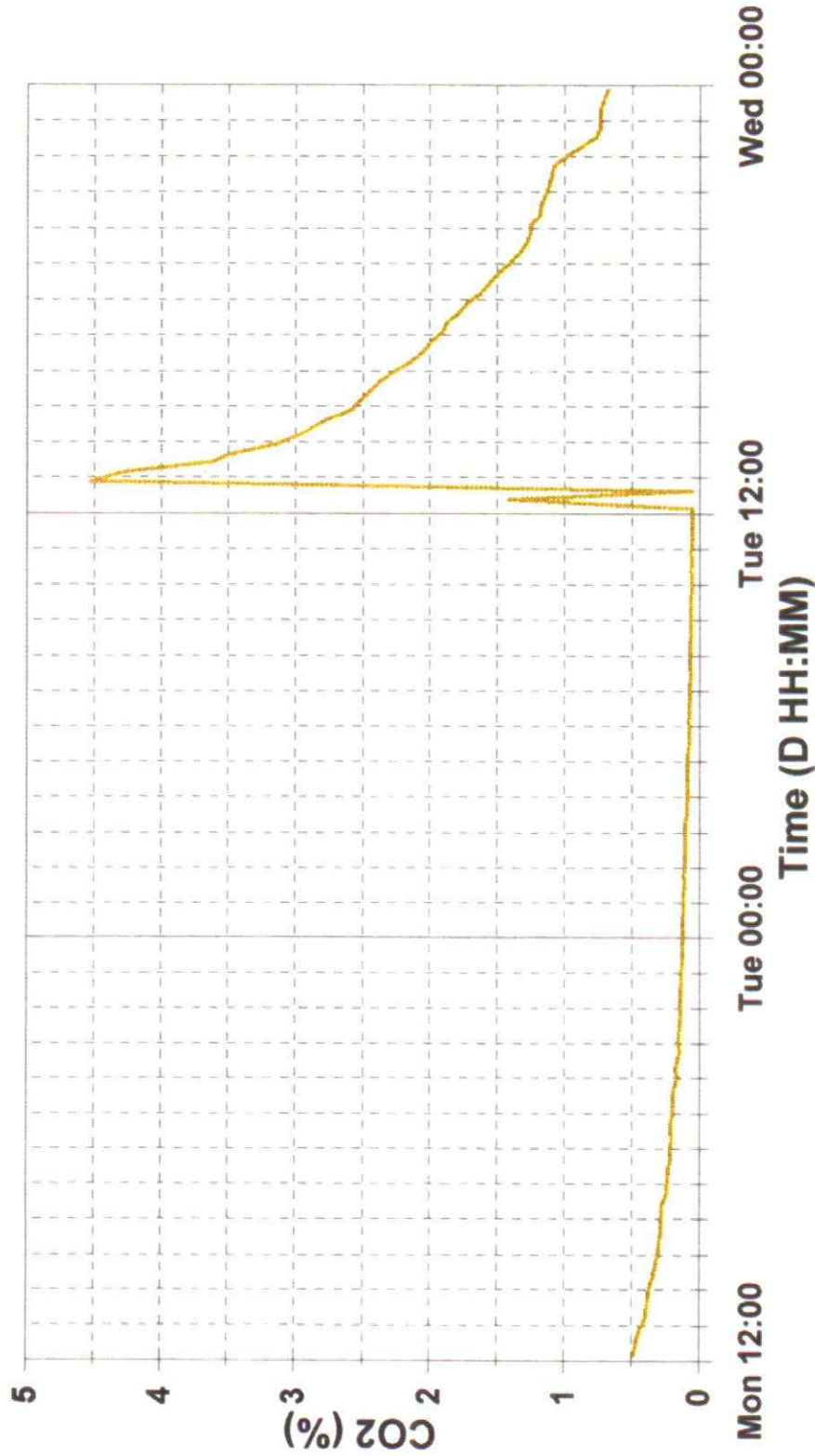
CO2

Moura #2 6/8/94 - 8/8/94



Pt7: 5 South Top

(Final: 10/9/94)



File Ref: 10/012/0005
Source File: PT_DATA3.WB1

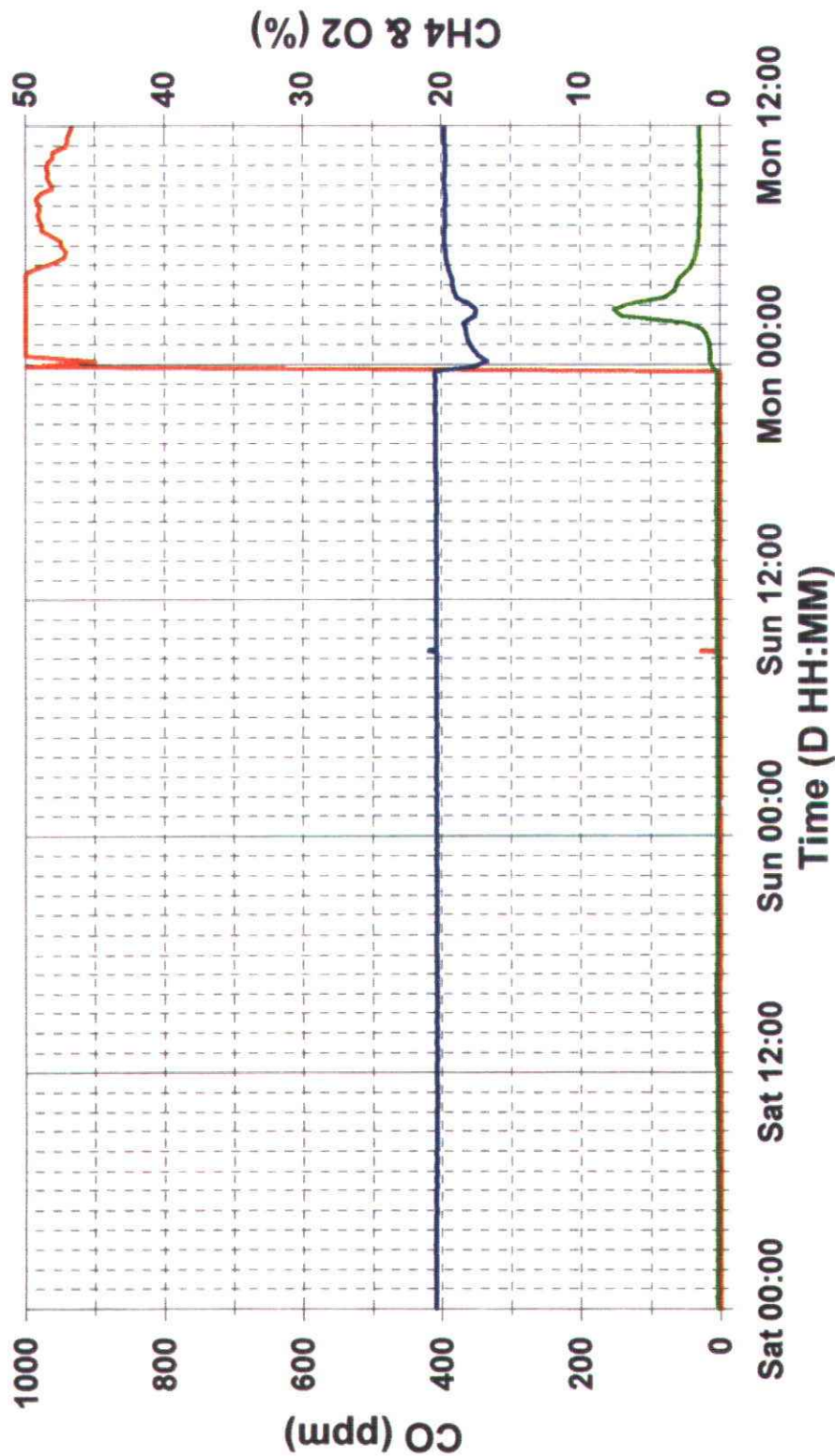
CO2

Moura #2 8/8/94 - 10/8/94



Pt8: 1 Northwest Return

(Final: 10/9/94)



File Ref: 10/012/0005
Source File: PT_DATA3.WB1

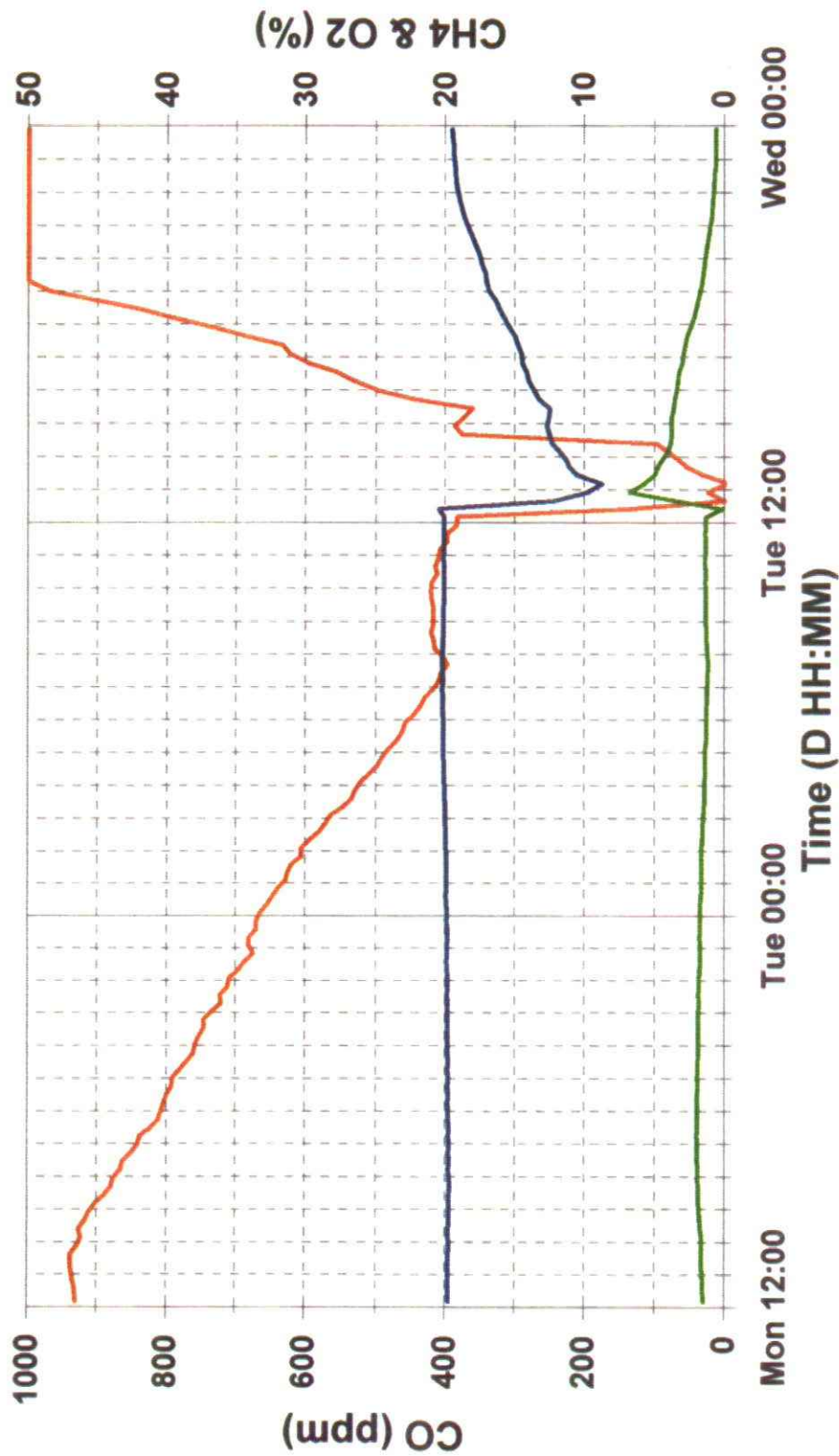
— CO — CH4 — O2

Moura #2 6/8/94 - 8/5/94



Pt8: 1 Northwest Return

(Final: 10/9/94)



File Ref: 10/012/0005
Source File: PT_DATA3.WB1

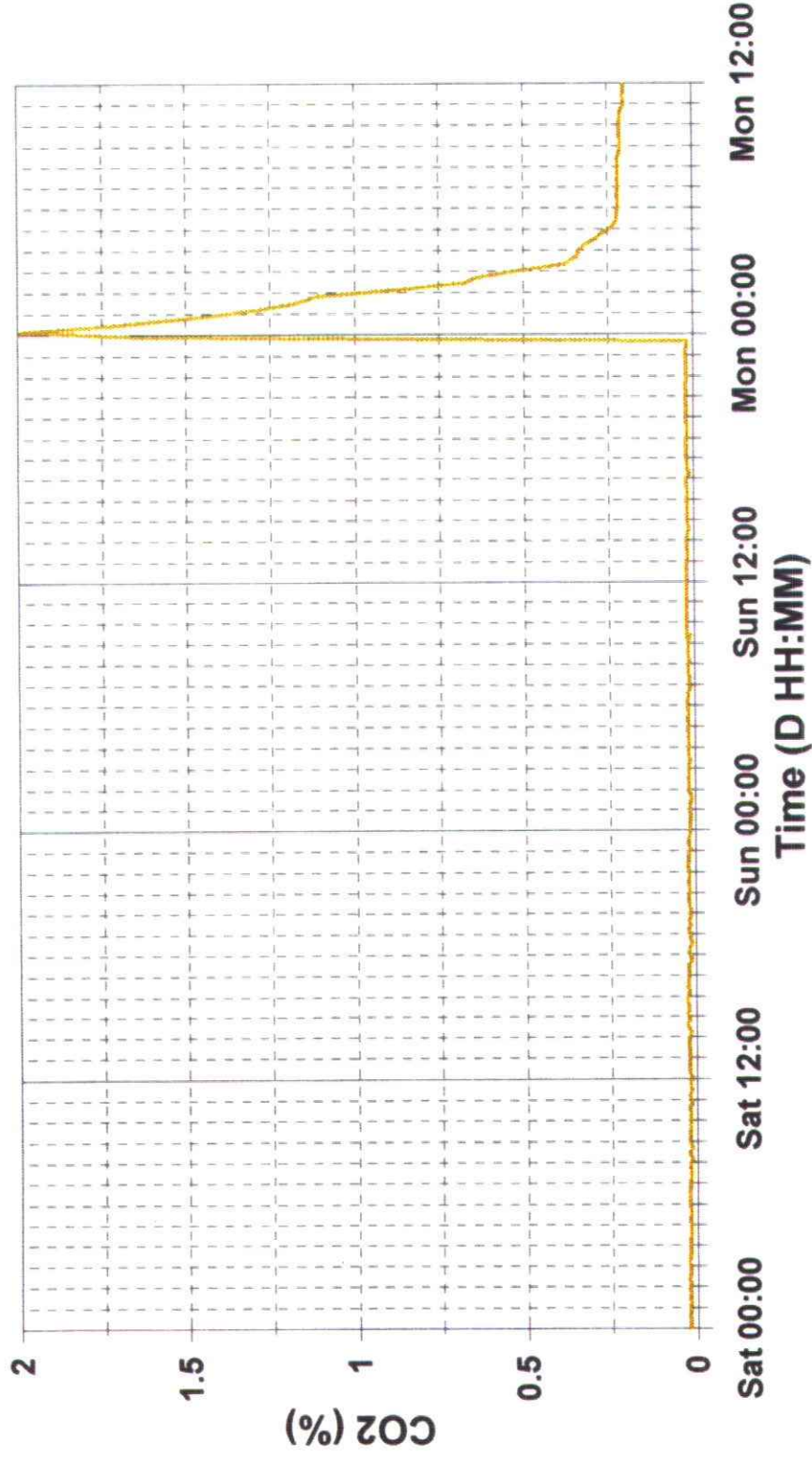
— CO — CH4 — O2

Moura #2 8/8/94 - 10/8/94



Pt8: 1 Northwest Return

(Final: 10/9/94)



File Ref: 10/012/0005
Source File: PT_DATA3.WB1

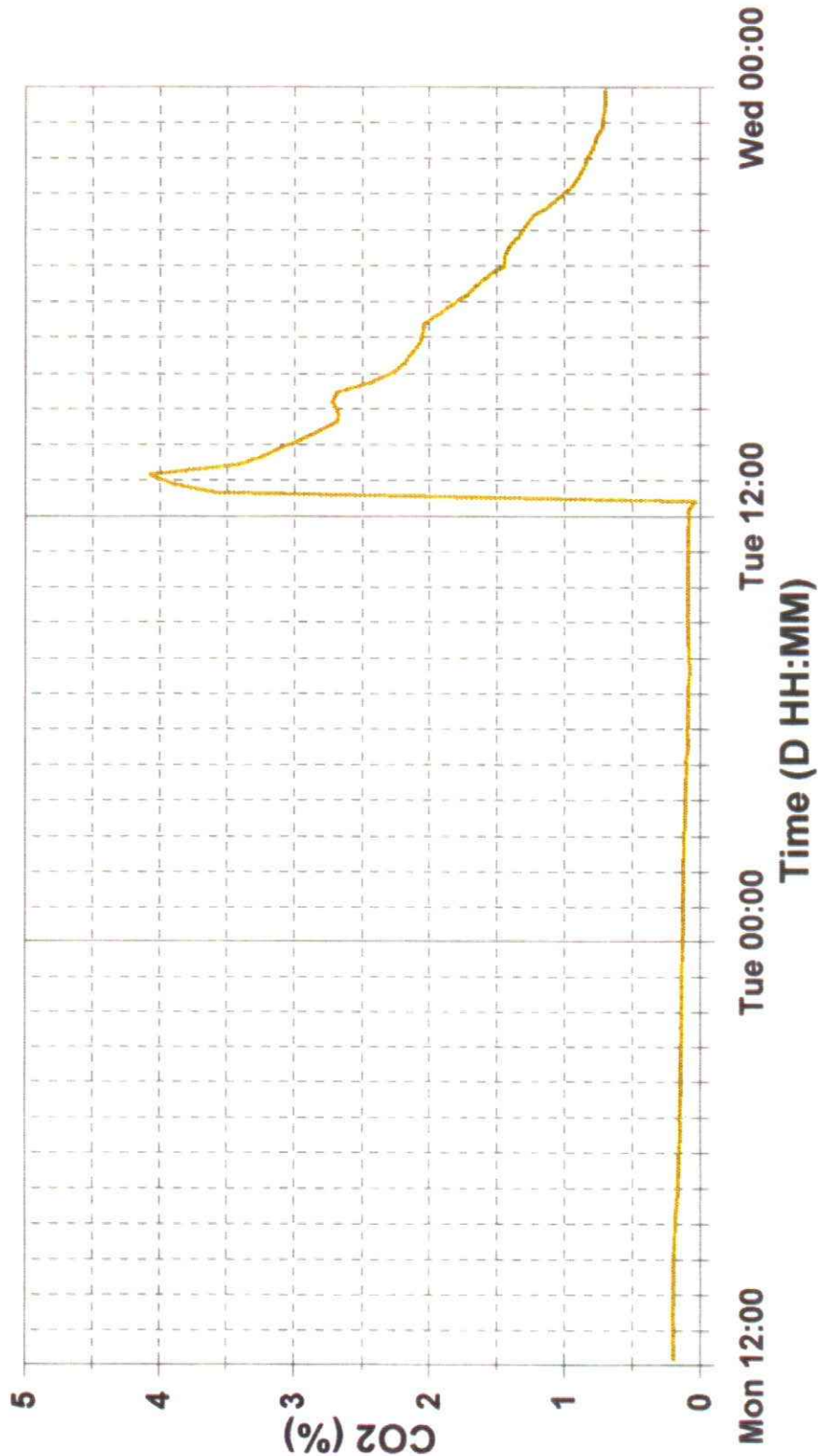
— CO2

Moura #2 6/8/94 - 8/8/94



Pt8: 1 Northwest Return

(Final: 10/9/94)



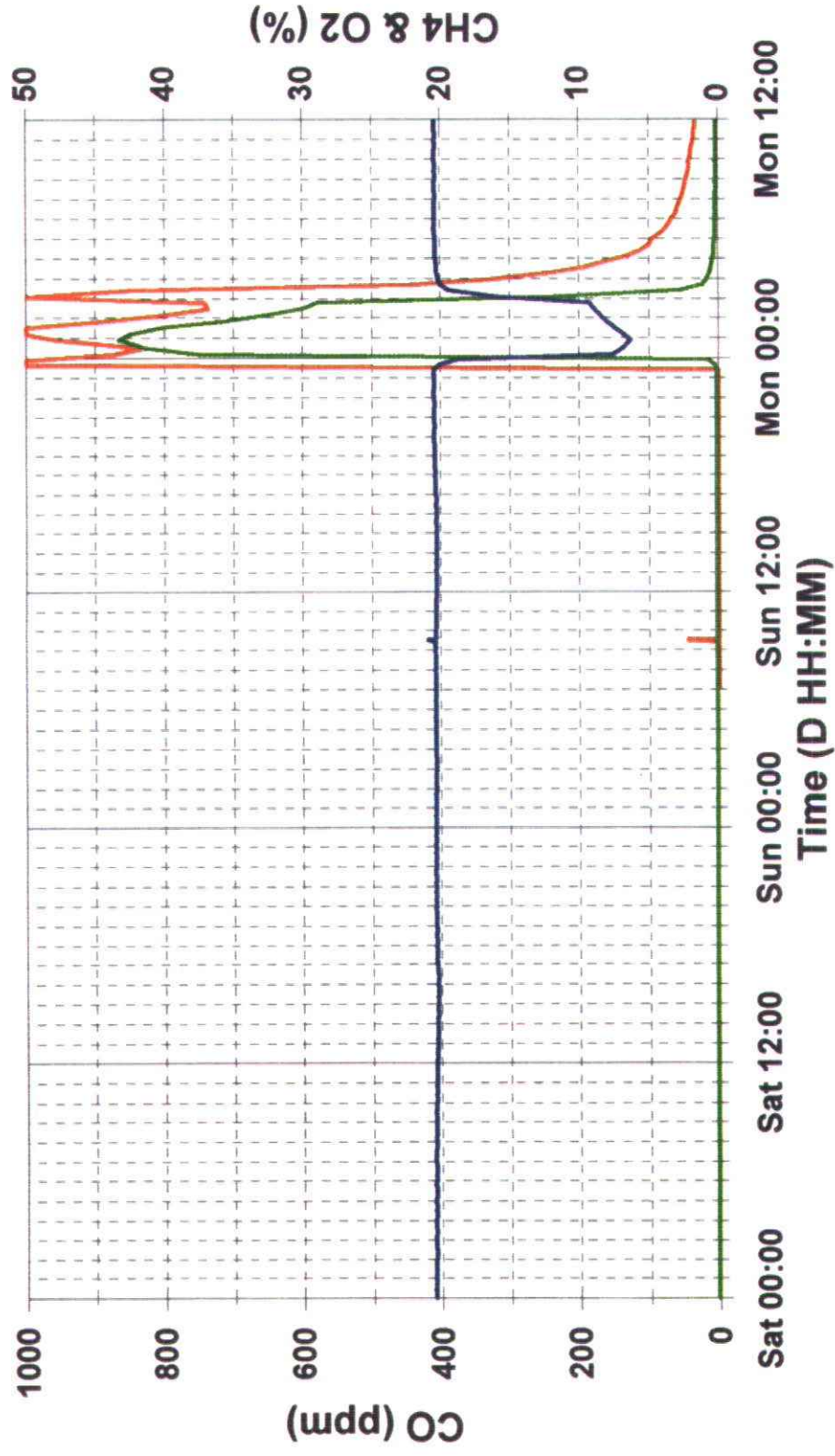
File Ref: 10/012/0005
Source File: PT_DATA3.WB1

CO2

Moura #2 8/8/94 - 10/8/94



Pt9: 17 C/T Dips (Final: 10/9/94)



File Ref: 10/012/0005
Source File: PT_DATA3.WB1

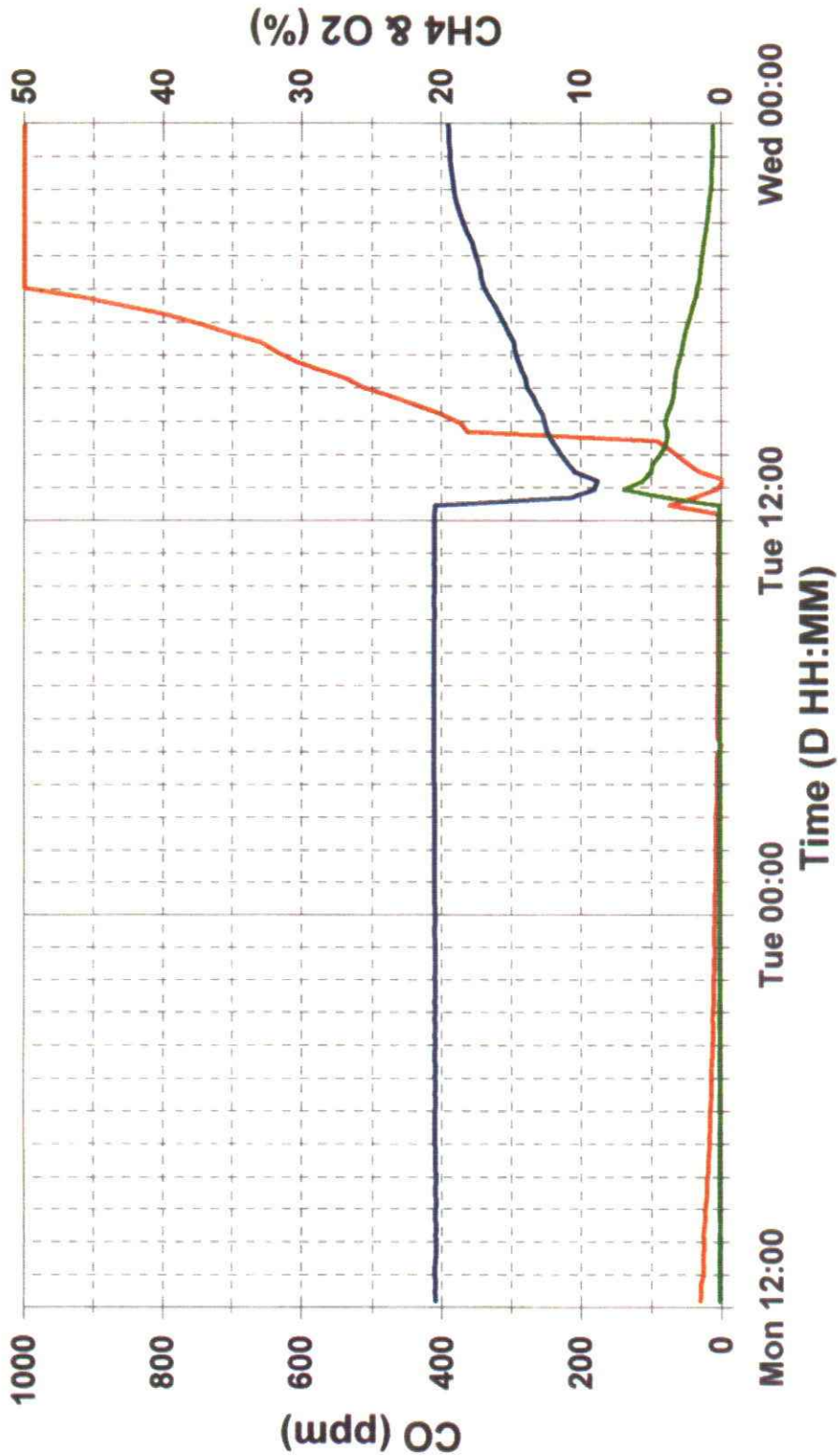
— CO — CH4 — O2

Moura #2 6/8/94 - 8/8/94



Pt9: 17 C/T Dips

(Final: 10/9/94)



File Ref: 10/012/0005
Source File: PT_DATA3.WB1

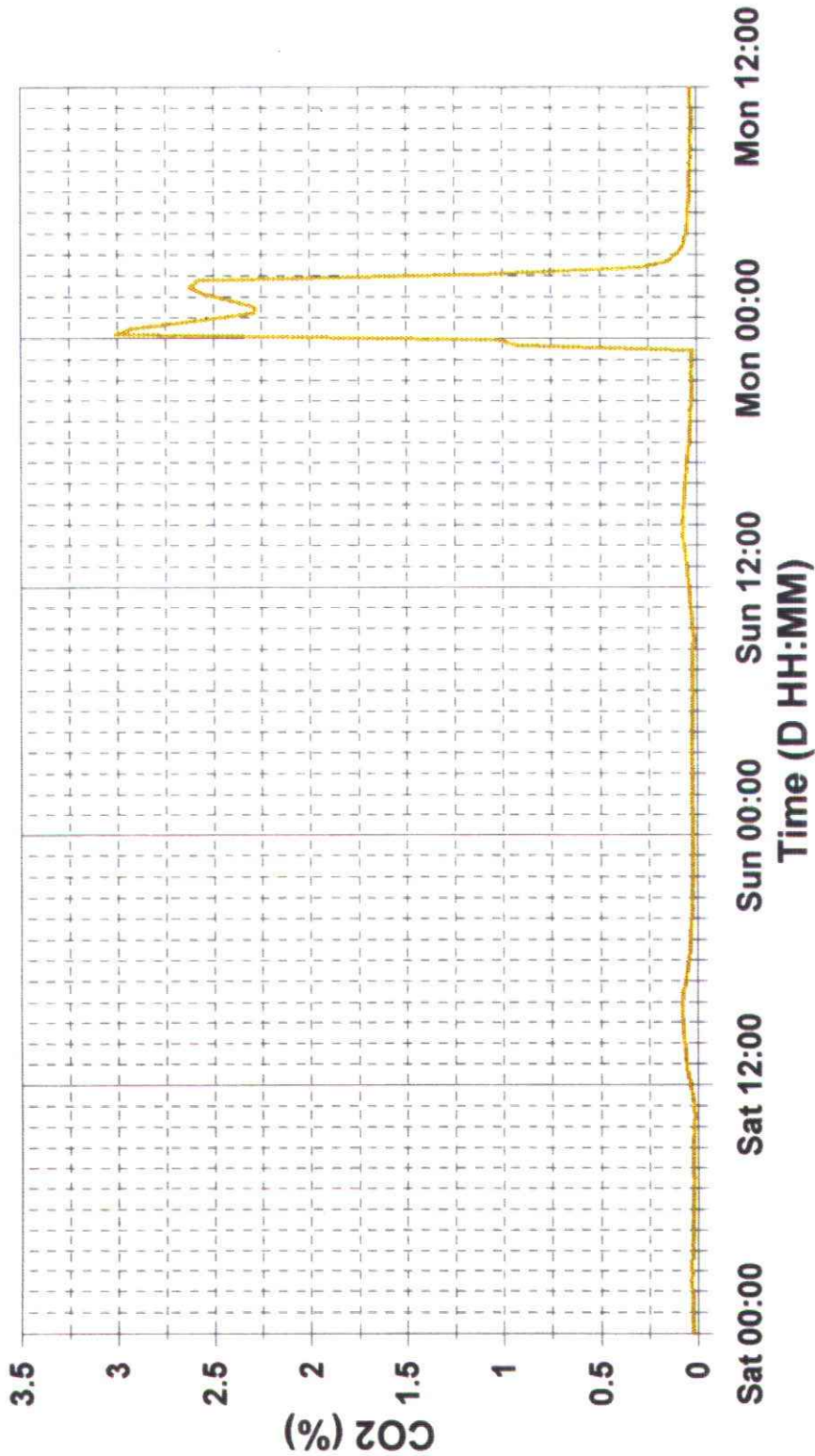
— CO — CH4 — O2

Moura #2 8/8/94 - 10/8/94



Pt9: 17 C/T Dips

(Final: 10/9/94)



File Ref: 10/012/0005
Source File: PT_DATA3.WB1

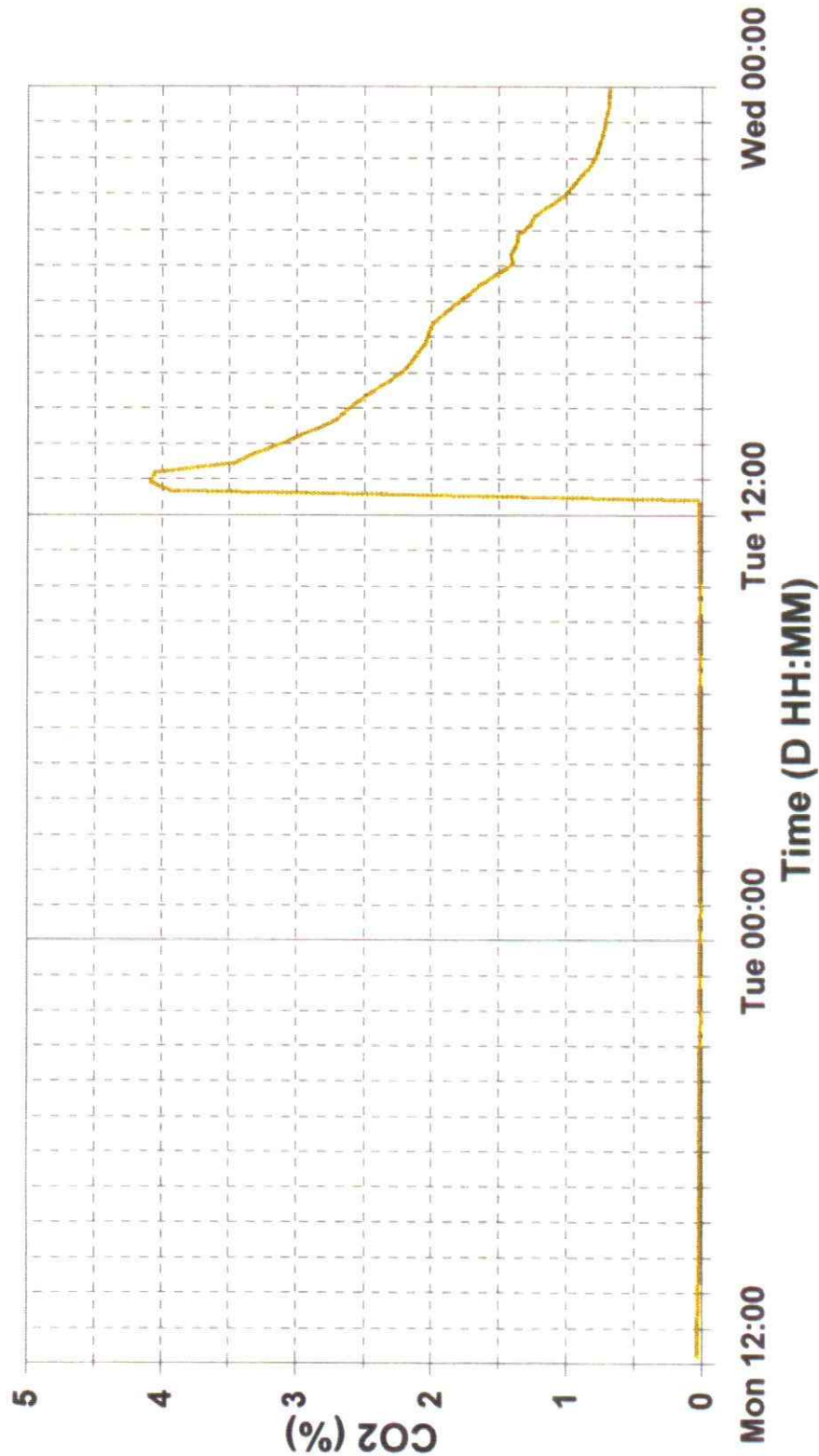
— CO2

Moura #2 6/8/94 - 8/8/94



Pt9: 17 C/T Dips

(Final: 10/9/94)



File Ref: 10/012/0005
Source File: PT_DATA3.WB1

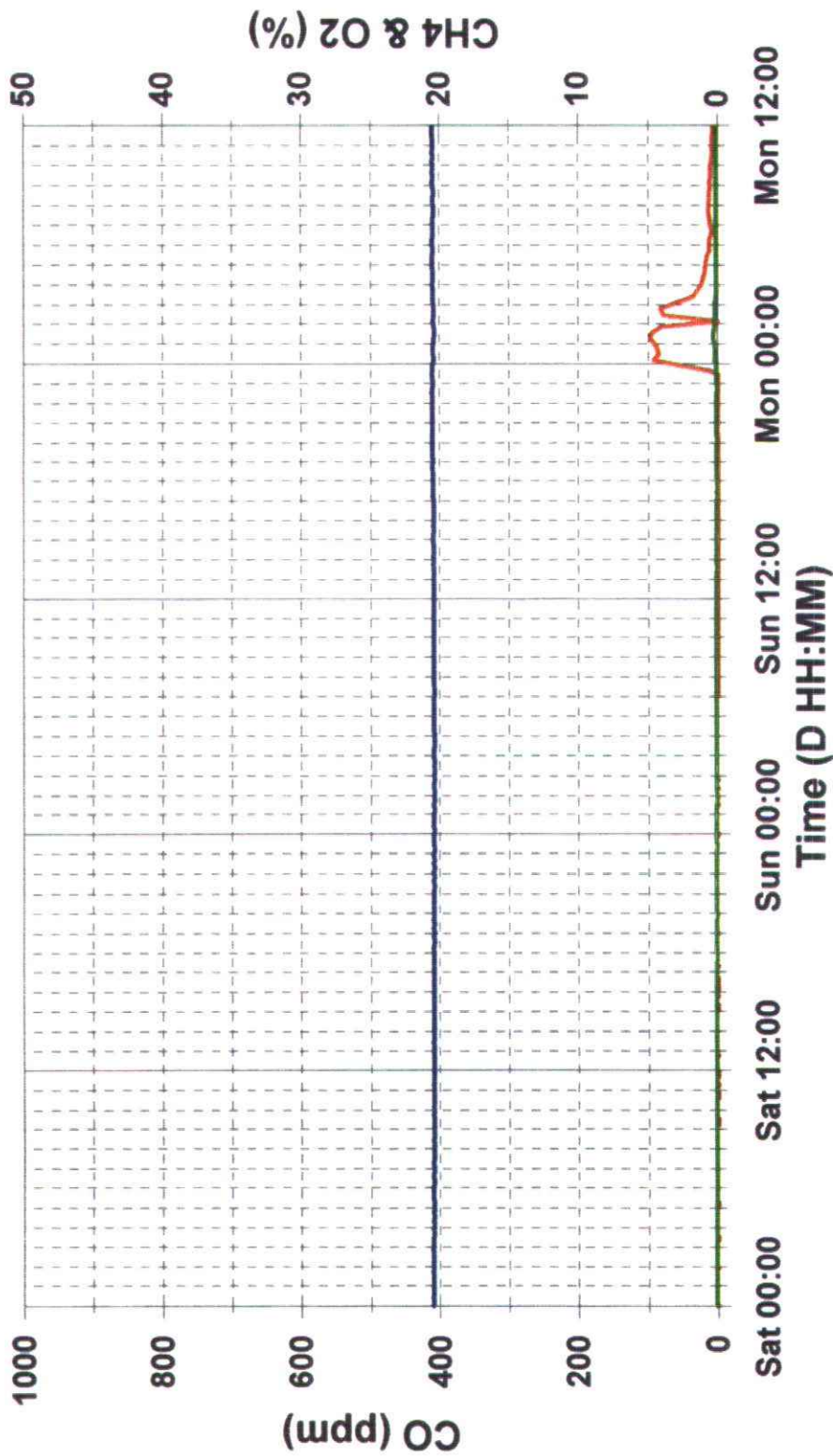
CO2

Moura #2 8/8/94 - 10/8/94



Pt14: Pump Room

(Final: 10/9/94)



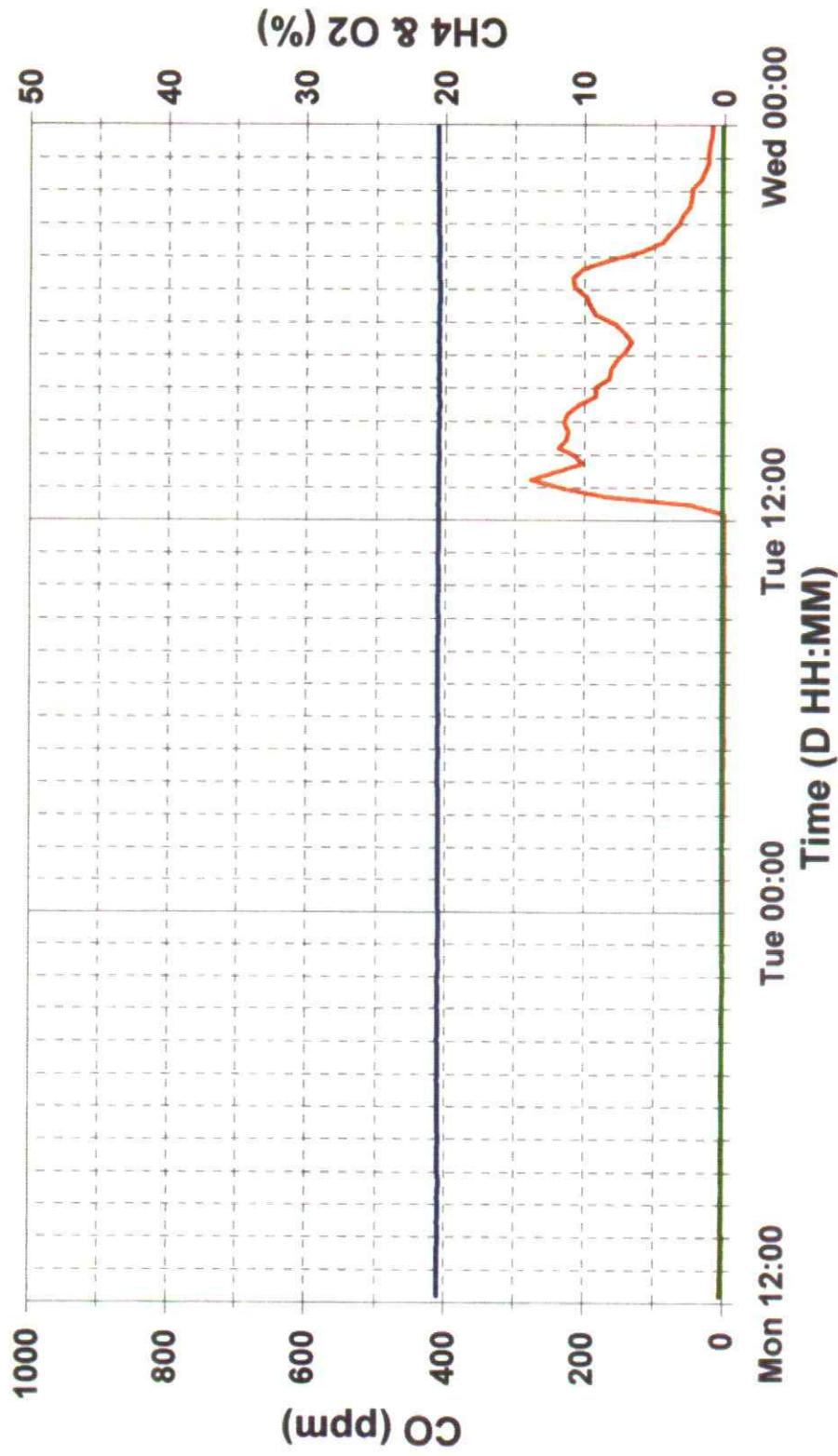
File Ref: 10/012/0005
Source File: PT_DATA3.WB1

Moura #2 6/8/94 - 8/8/94



Pt14: Pump Room

(Final: 10/9/94)



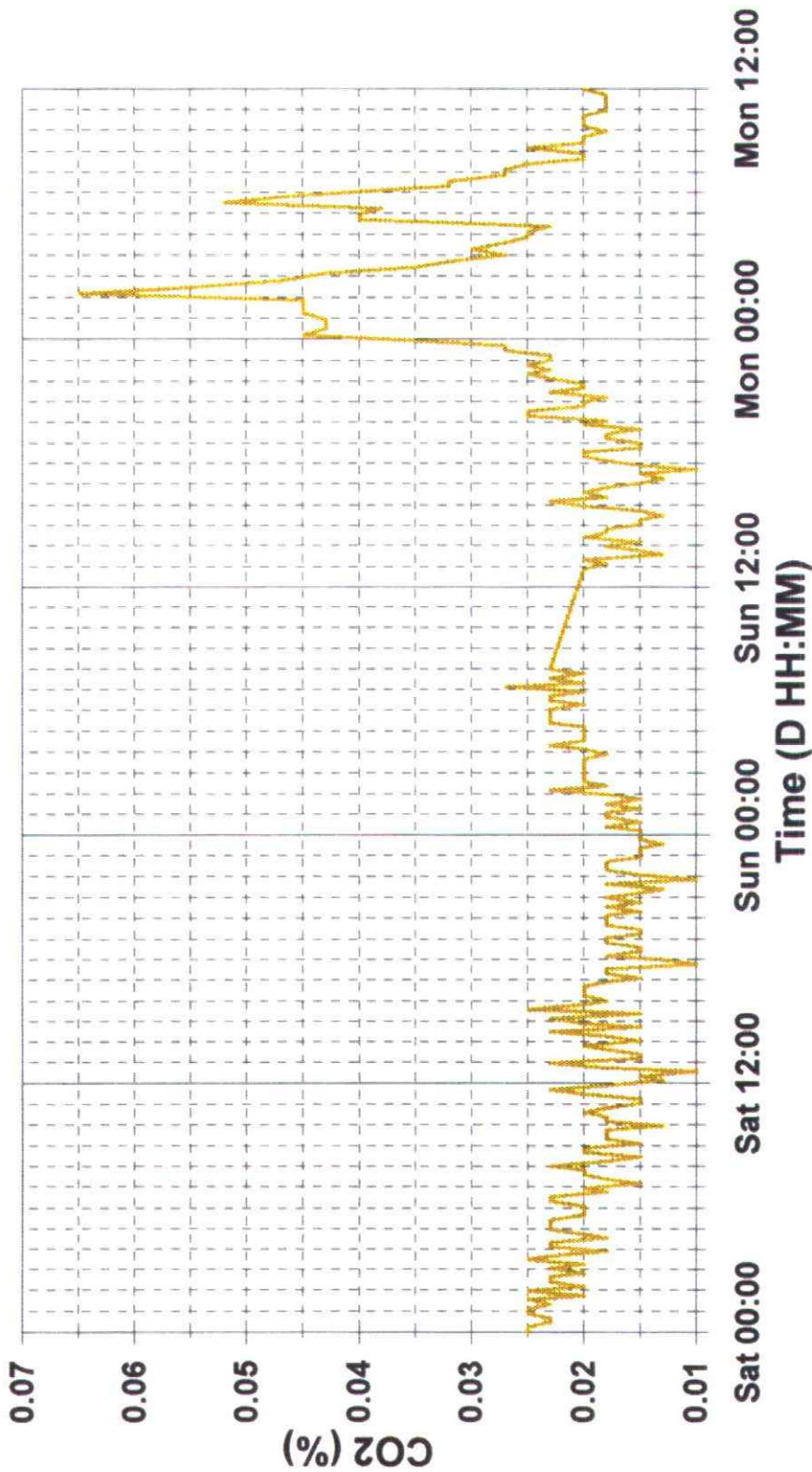
File Ref: 10/012/0005
Source File: PT_DATA3.WB1

— CO — CH4 — O2

Moura #2 8/8/94 - 10/8/94

Pt14: Pump Room

(Final: 10/9/94)



File Ref: 10/012/0005
Source File: PT_DATA3.WB1

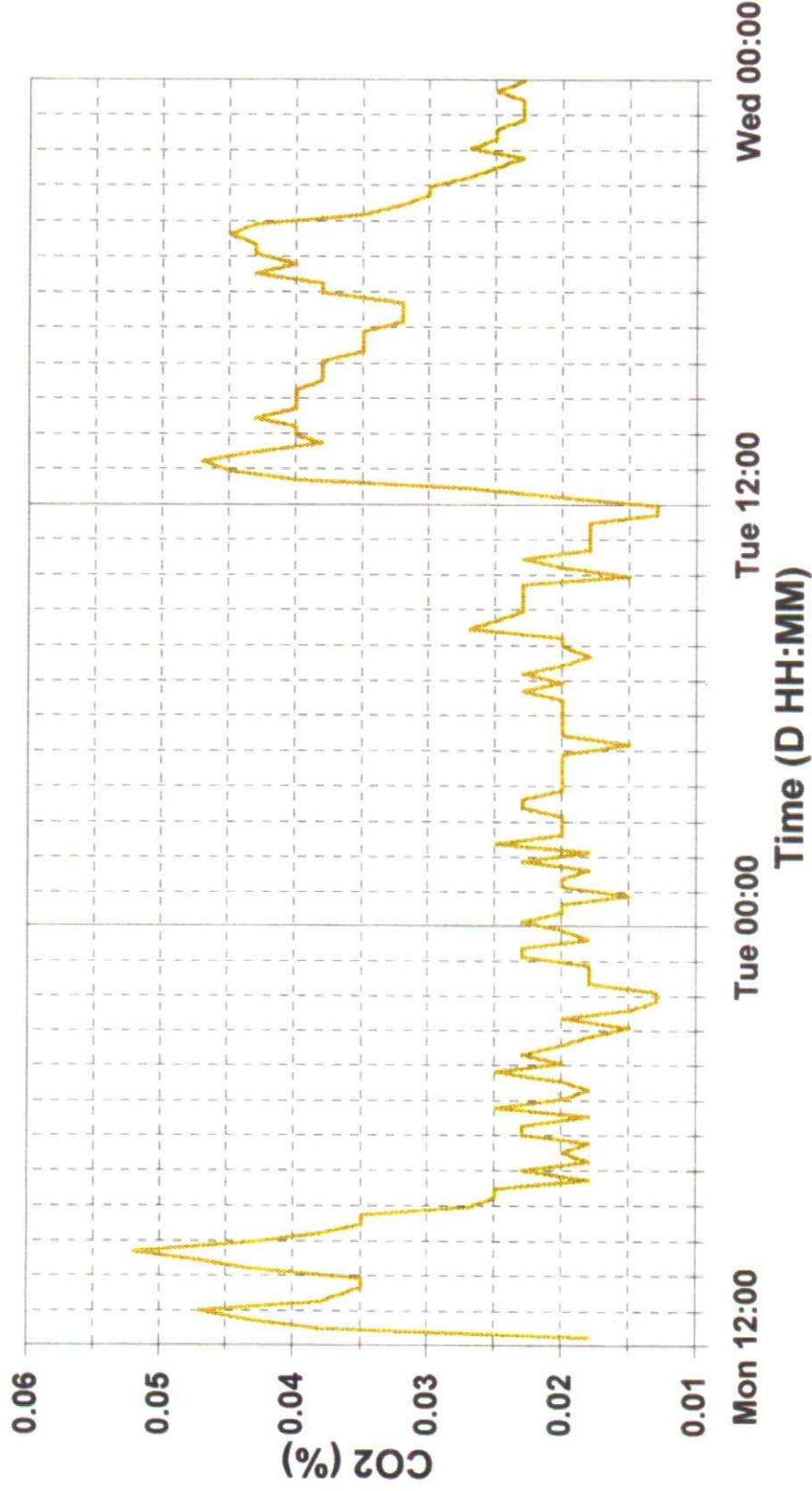
CO2

Moura #2 6/8/94 - 8/8/94



Pt14: Pump Room

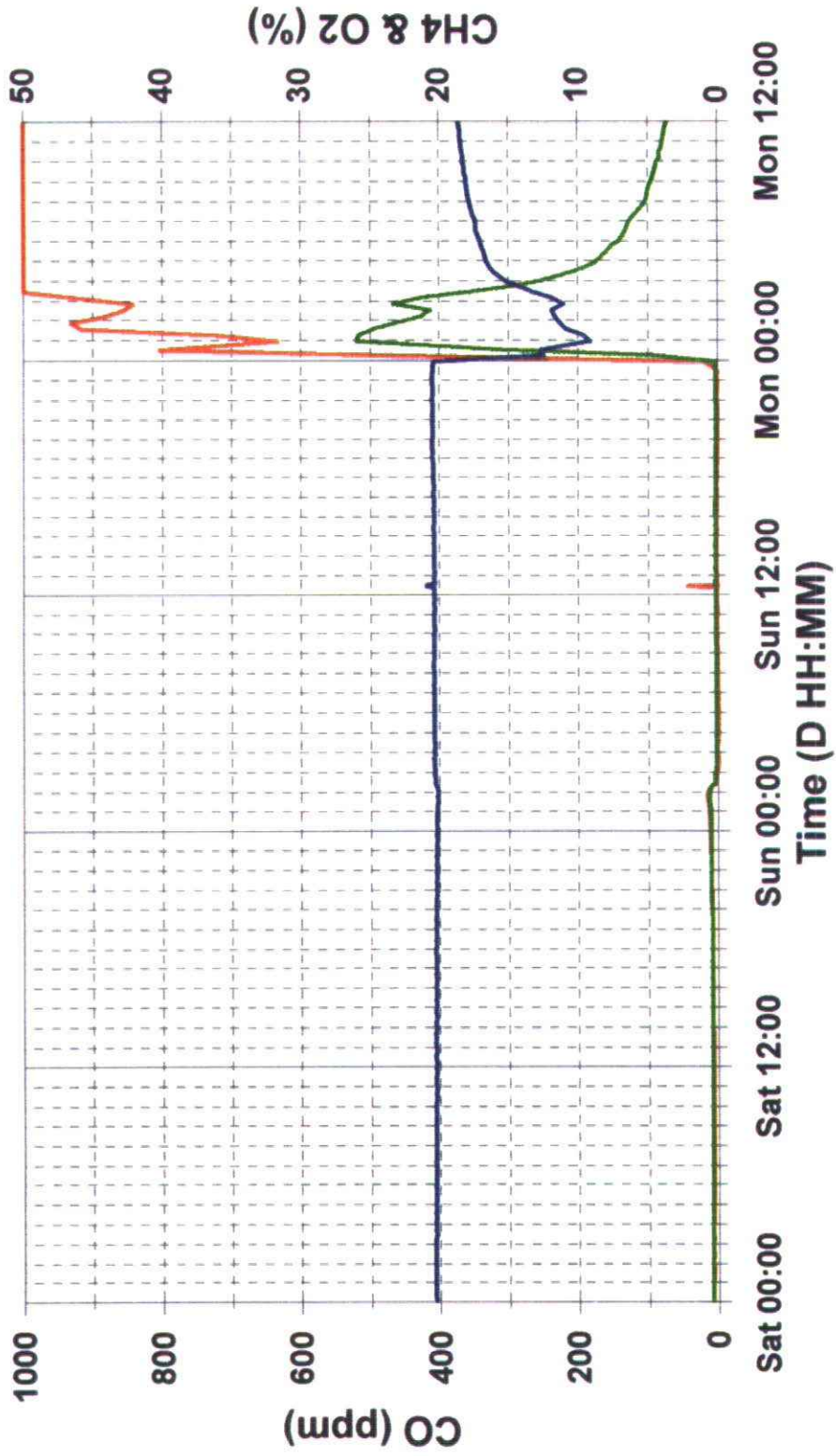
(Final: 10/9/94)





Pt16: 512 Top Return

(Final: 10/9/94)



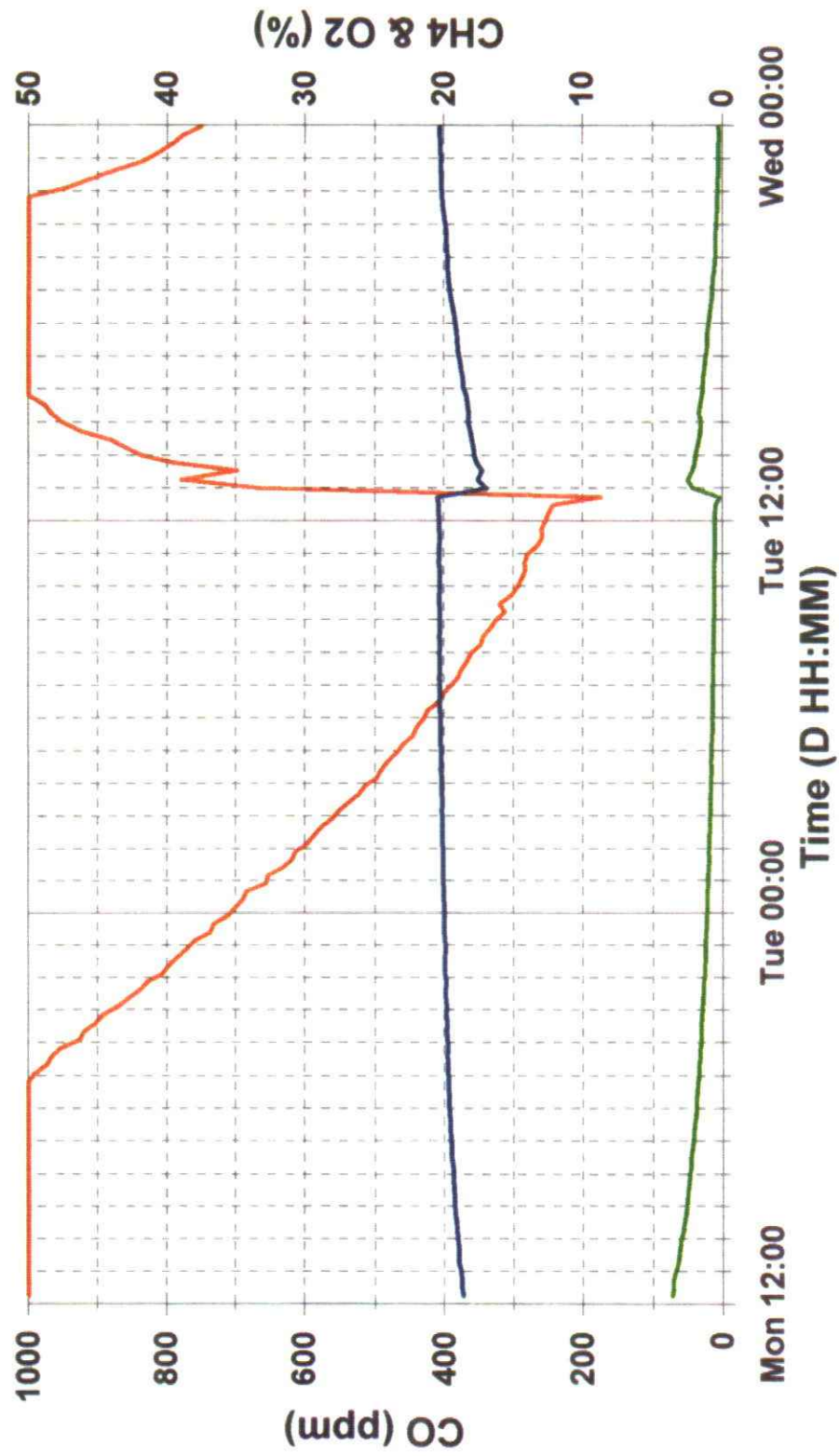
File Ref: 10/012/0005
Source File: PT_DATA3.WB1

Mouru #2 6/8/94 - 8/8/94



Pt16: 512 Top Return

(Final: 10/9/94)



File Ref: 10/012/0005
Source File: PT_DATA3.WB1

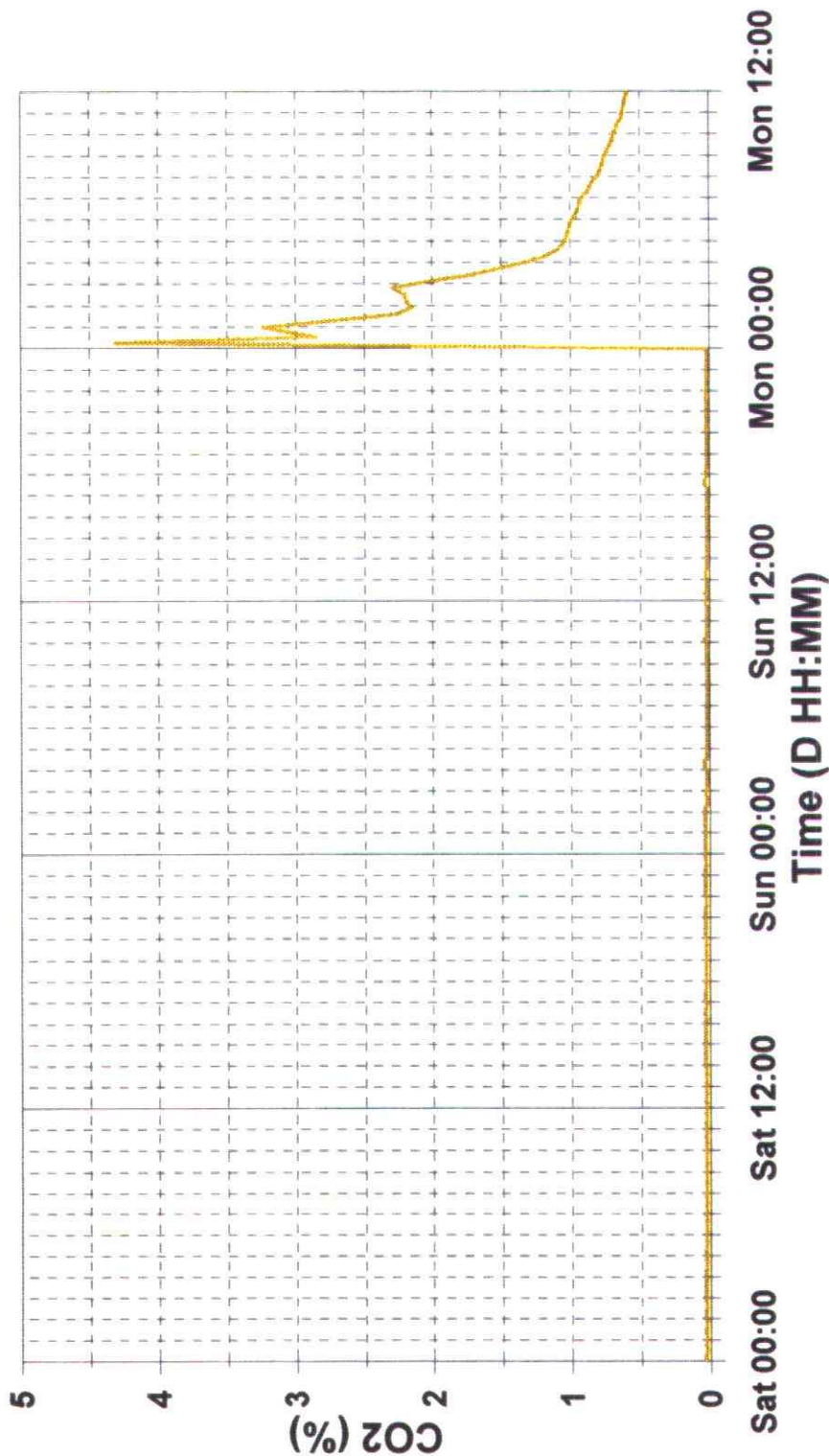
— CO — CH4 — O2

Moura #2 8/8/94 - 10/8/94



Pt16: 512 Top Return

(Final: 10/9/94)



File Ref: 10/012/0005
Source File: PT_DATA3.WB1

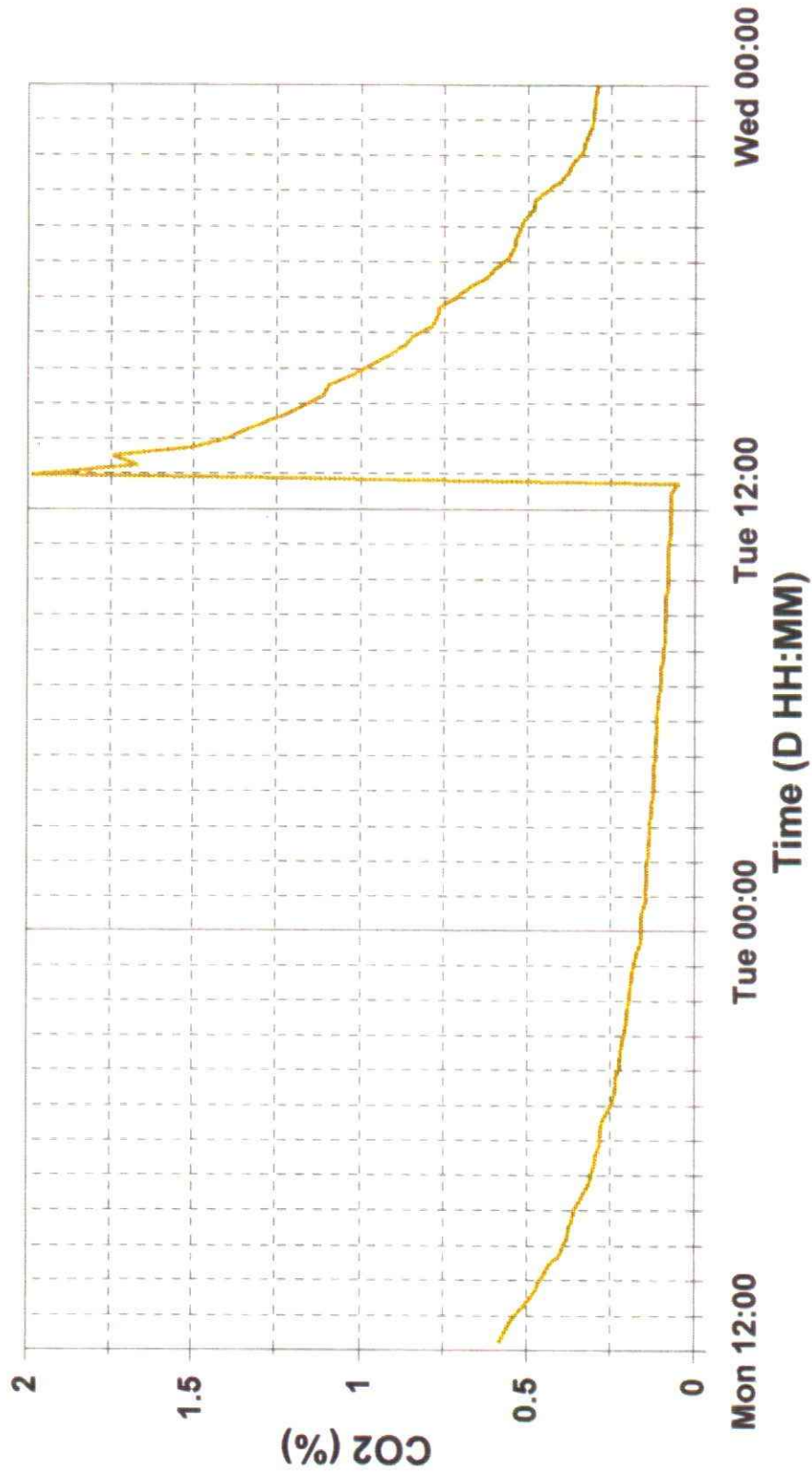
CO2

Moura #2 6/8/94 - 8/8/94



Pt16: 512 Top Return

(Final: 10/9/94)



File Ref: 10/012/0005
Source File: PT_DATA3.WB1

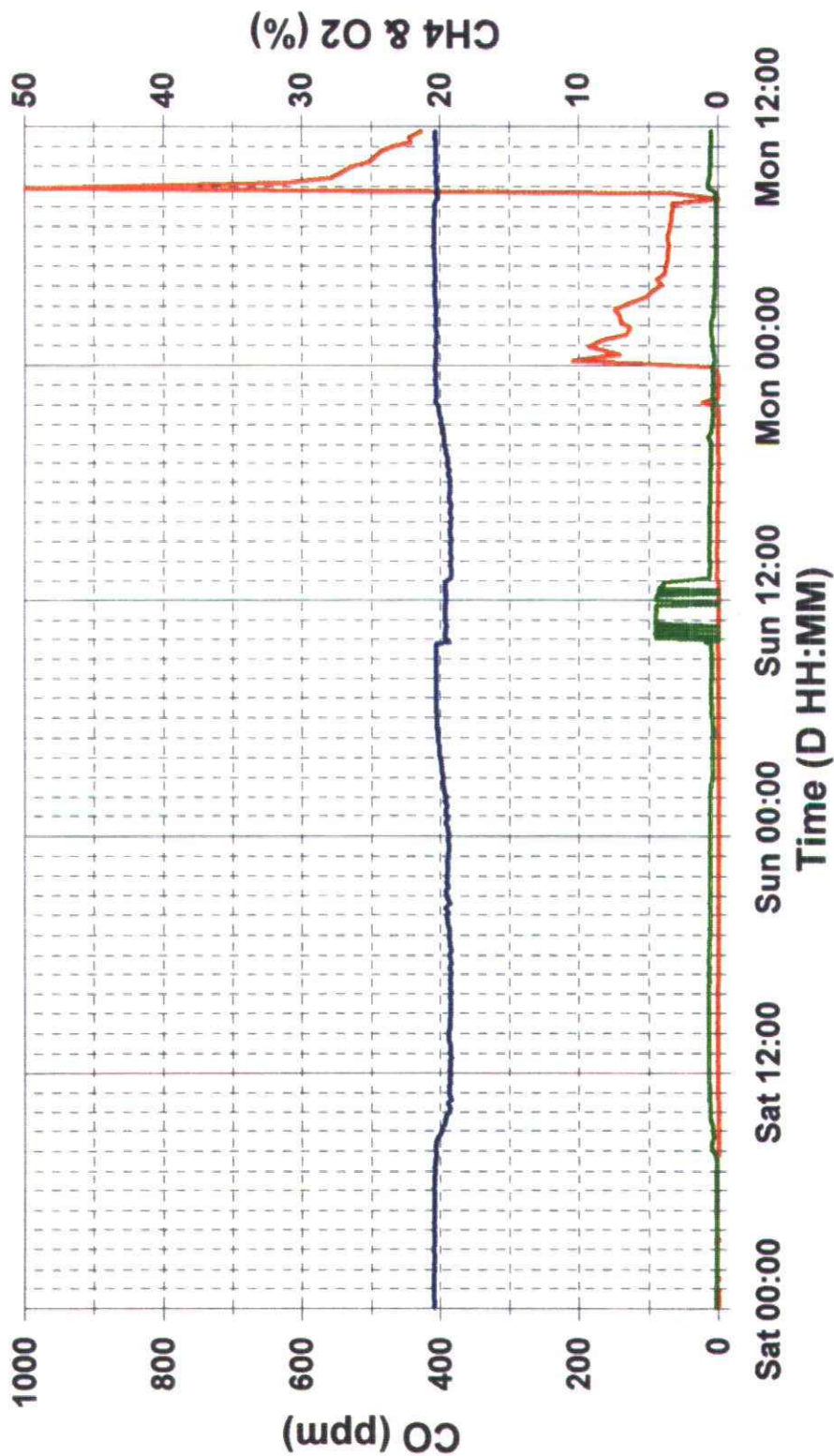
CO2

Moura #2 8/8/94 - 10/8/94



Pt18: 510 North Return

(Final: 10/9/94)



File Ref: 10/012/0005
Source File: PT_DATA3.WB1

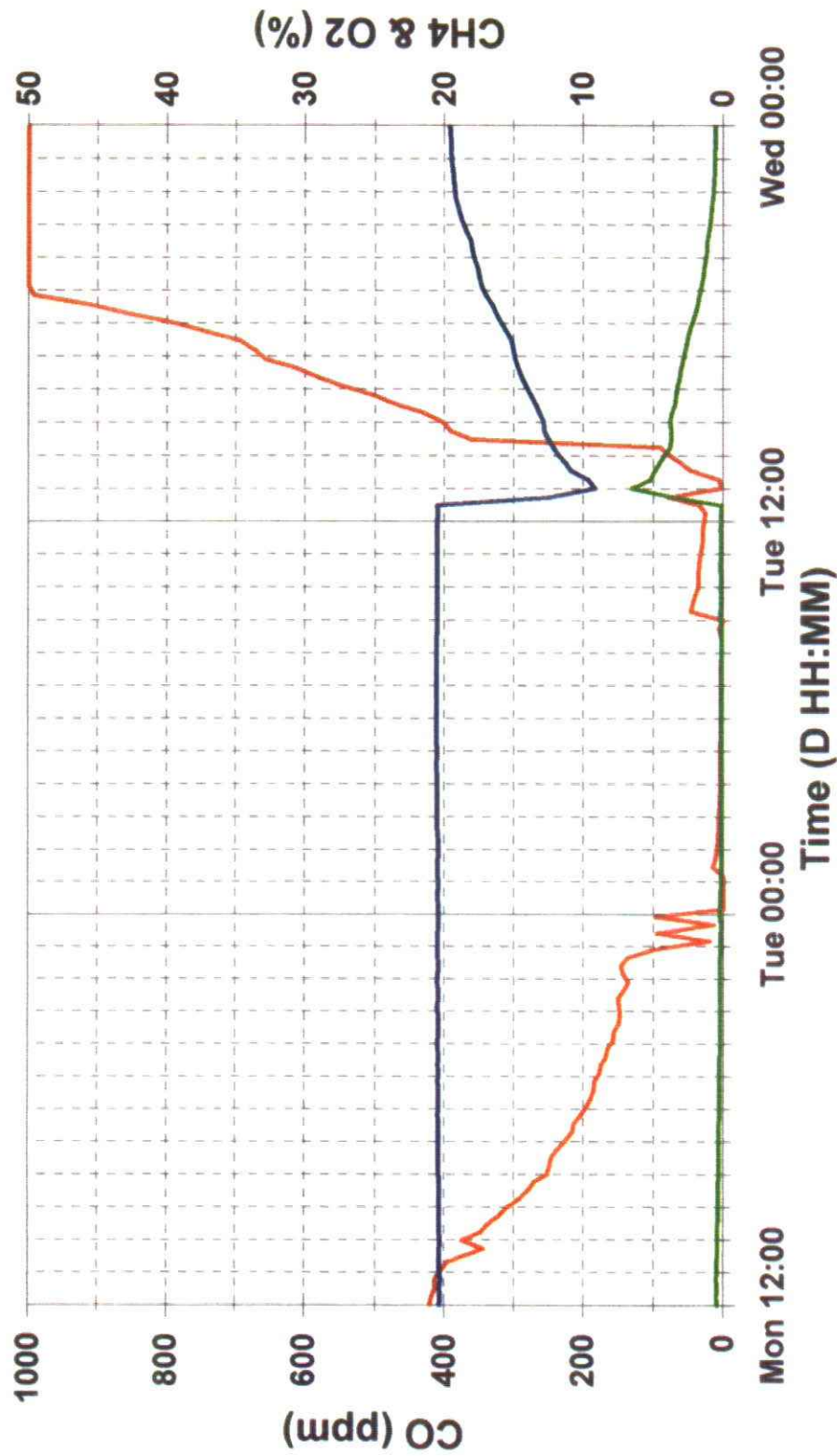
— CO — CH4 — O2

Moura #2 6/8/94 - 8/8/94



Pt18: 510 North Return

(Final: 10/9/94)



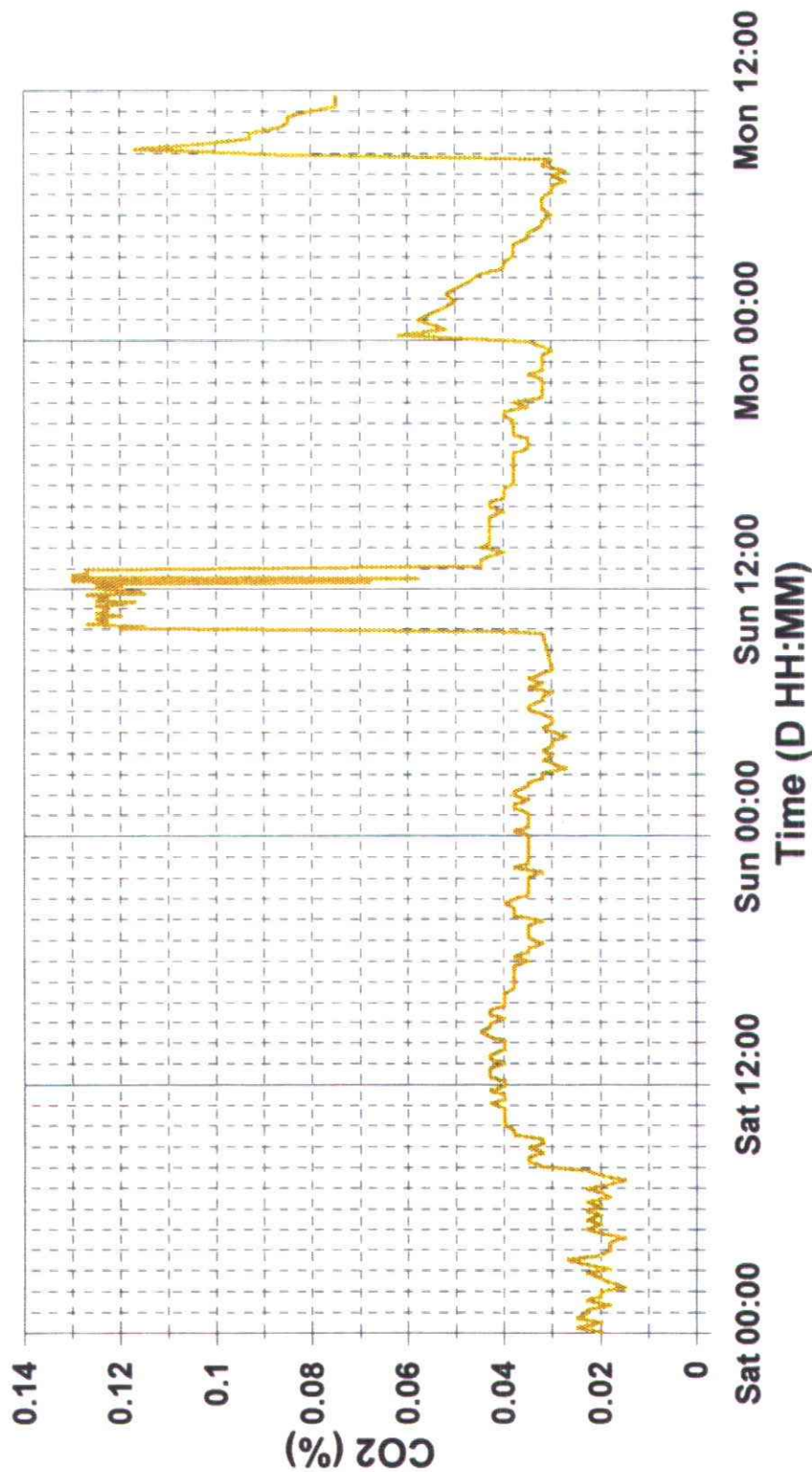
File Ref: 10/012/0005
Source File: PT_DATA3.WB1

— CO — CH4 — O2

Moura #2 8/8/94 - 10/8/94

Pt18: 510 North Return

(Final: 10/9/94)



File Ref: 10/012/0005
Source File: PT_DATA3.WB1

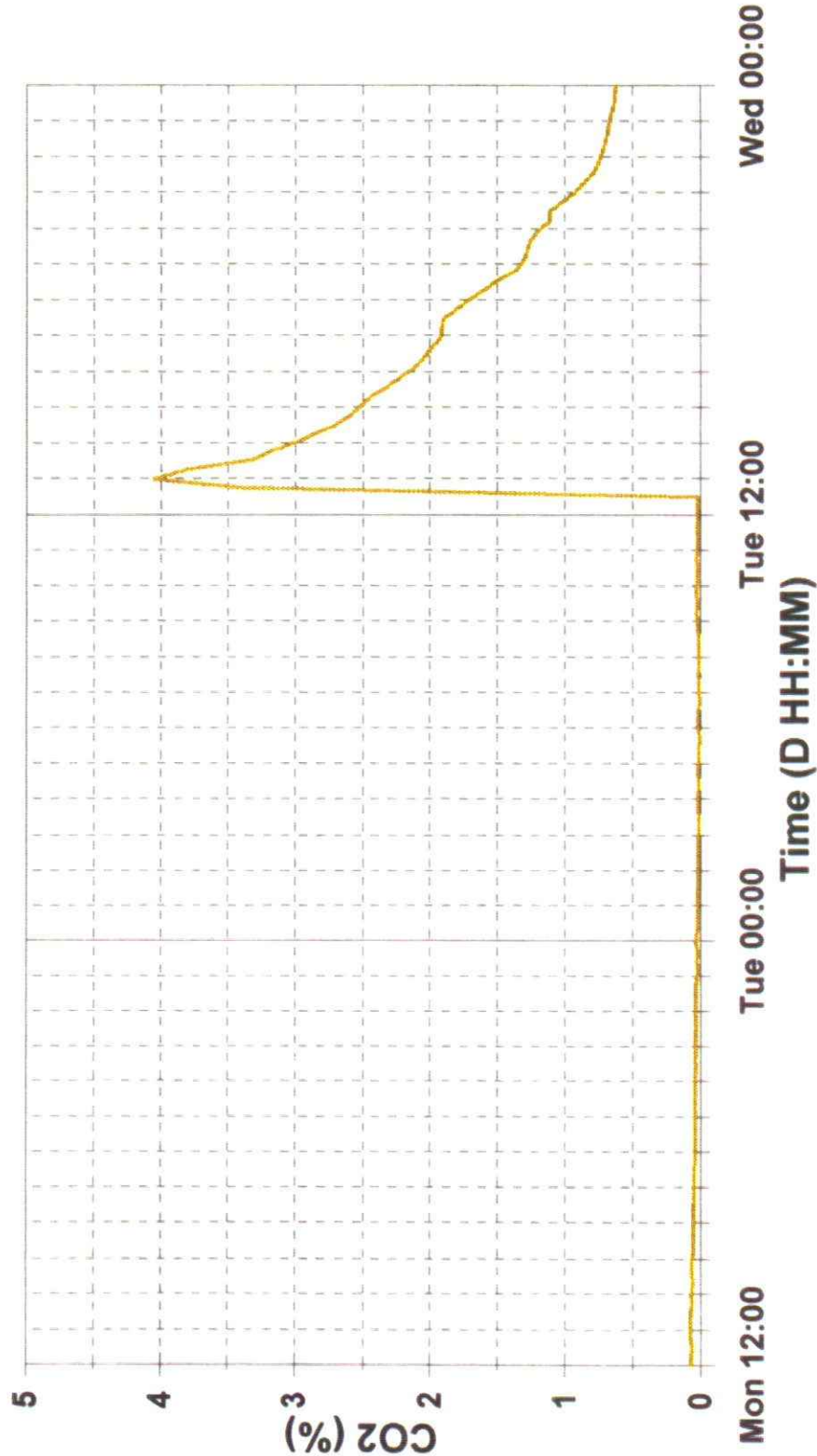
— CO₂

Moura #2 6/8/94 - 8/8/94



Pt18: 510 North Return

(Final: 10/9/94)



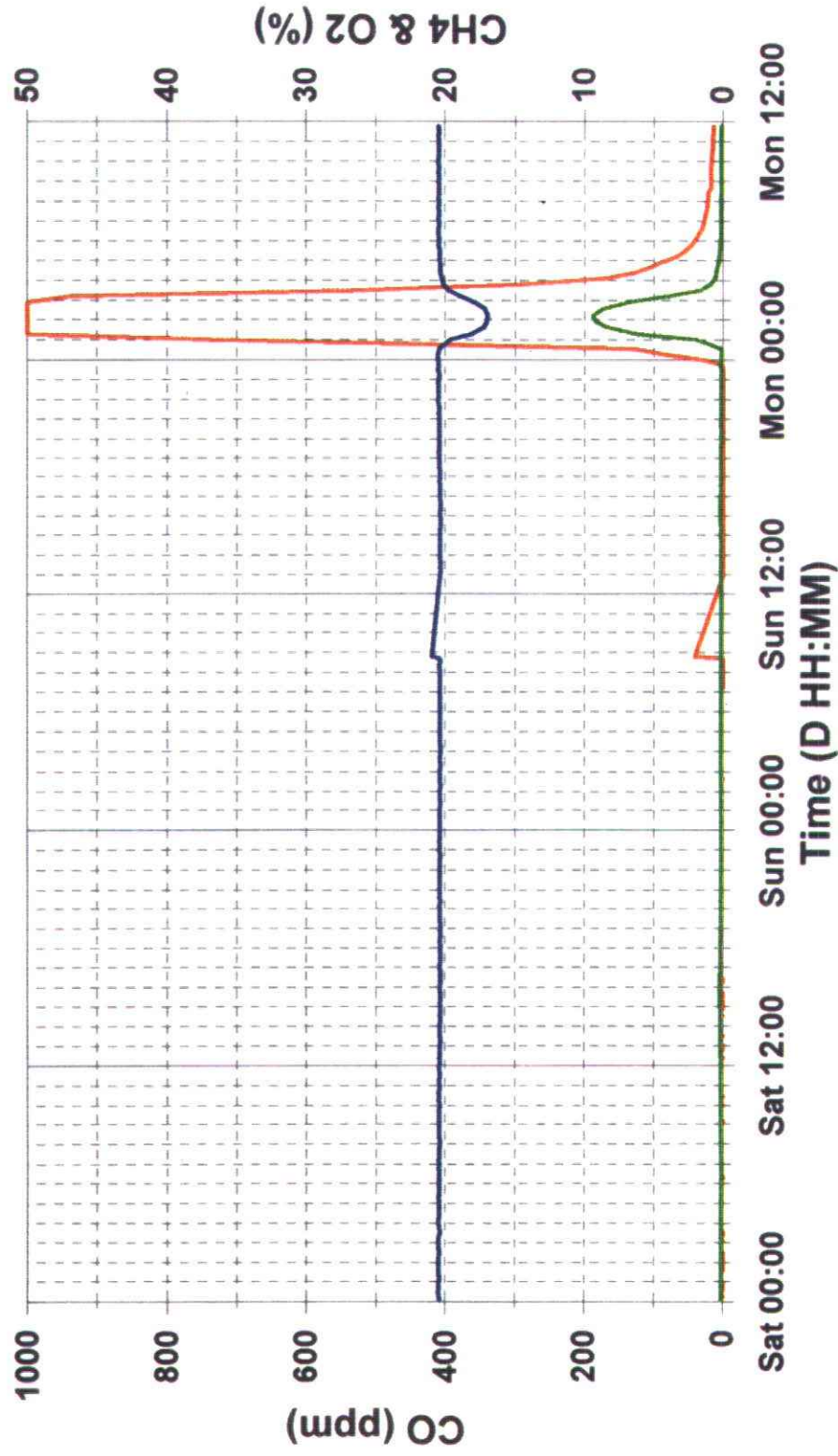
File Ref: 10/012/0005
Source File: PT_DATA3.WB1

CO2

Moura #2 8/8/94 - 10/8/94

Pt19: Dips North Return

(Final: 10/9/94)



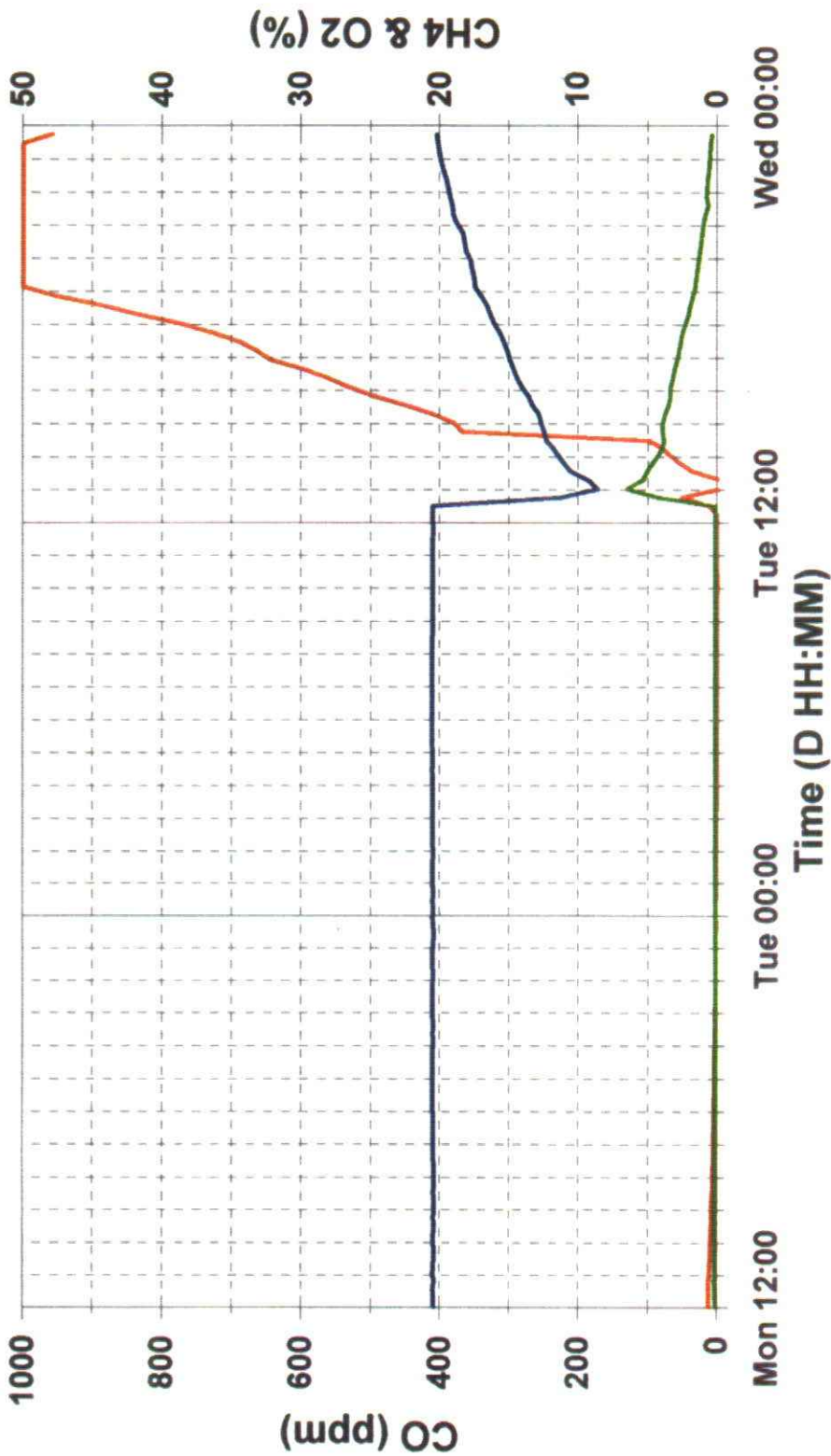
File Ref: 10/012/0005
Source File: PT_DATA3.WB1

— CO — CH4 — O2

Moura #2 6/8/94 - 8/8/94

Pt19: Dips North Return

(Final: 10/9/94)



File Ref: 10/012/0005
Source File: PT_DATA3.WB1

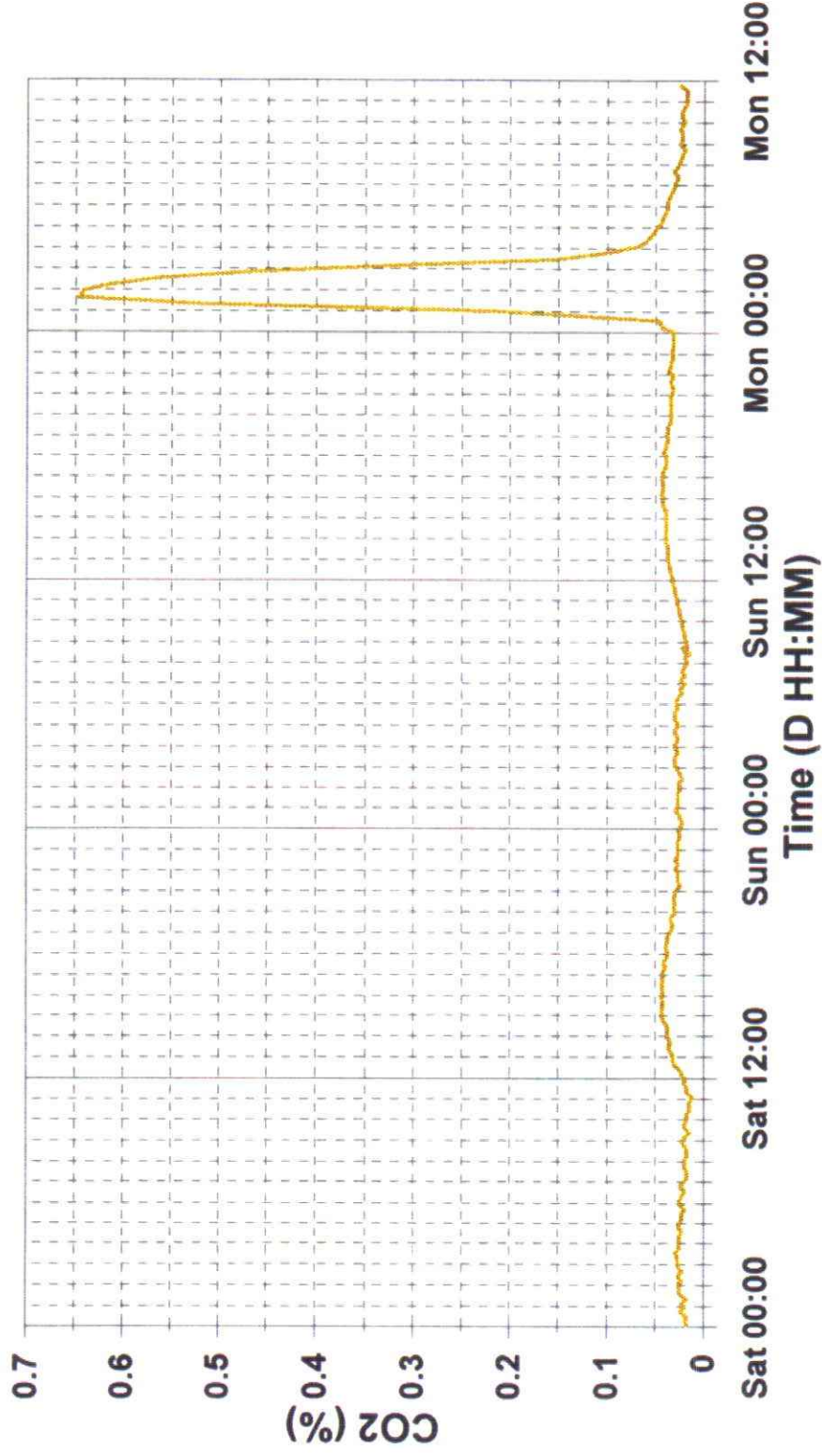
— CO — CH4 — O2

Moura #2 8/8/94 - 10/8/94



Pt19: Dips North Return

(Final: 10/9/94)



File Ref: 10/012/0005
Source File: PT_DATA3.WB1

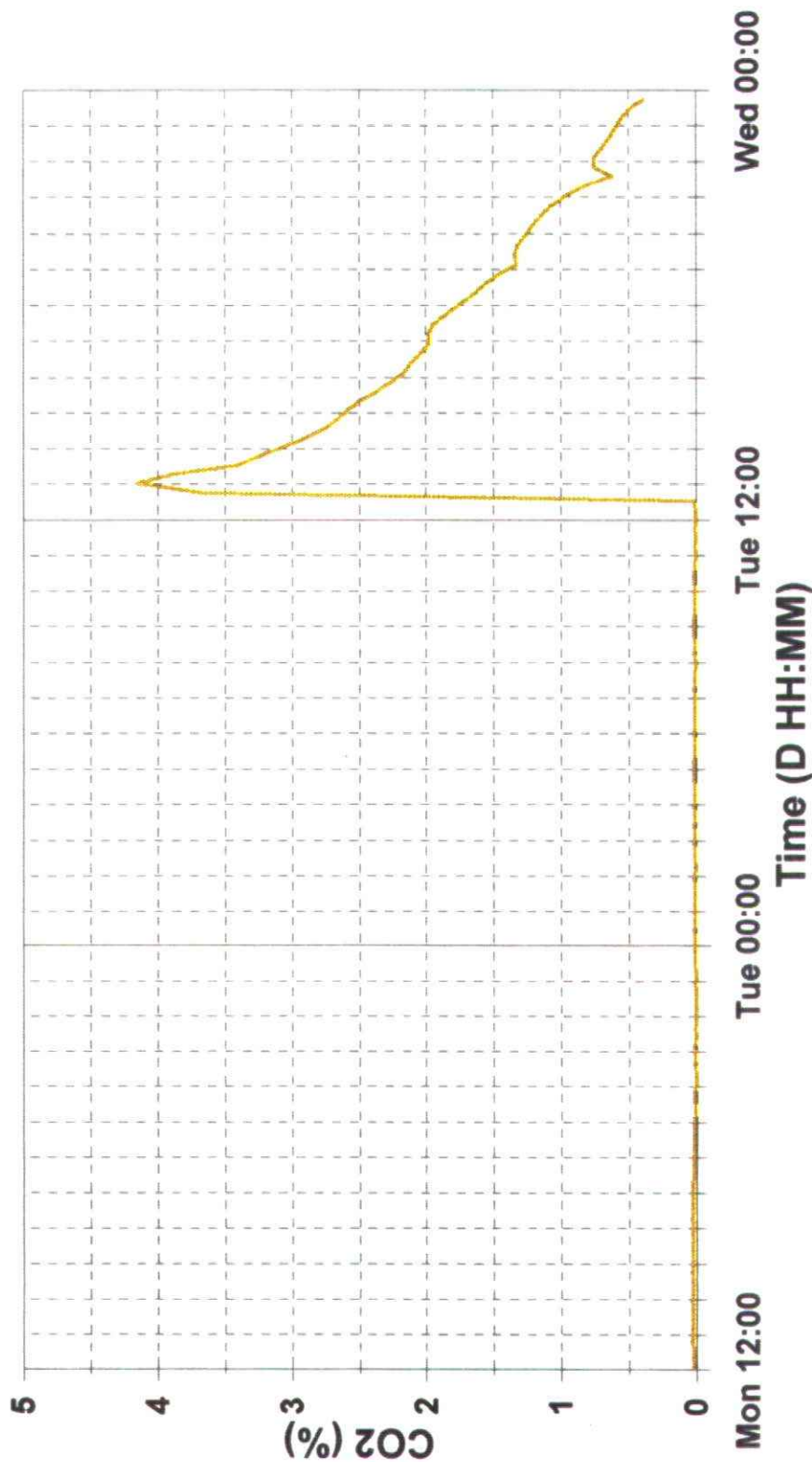
— CO2

Moura #2 6/8/94 - 8/8/94



Pt19: Dips North Return

(Final: 10/9/94)



File Ref: 10/012/0005
Source File: PT_DATA3.WB1

— CO2

Moura #2 8/8/94 - 10/8/94

CICM: 2-049

**NOTE - THIS DRAWING WAS MODIFIED FROM
AN ORIGINAL SUPPLIED BY B.H.P.MOURA MINE.**

1	4 SOUTH	8	1 NORTHWEST RETURN	1	FAN SURFACE	7	26 C/T
3	FAN NORTH RETURN	9	17 C/T DIPS	2	510 6" BOREHOLE	8	13 C/T
4	FAN SOUTH RETURN	14	PUMP ROOM	3	510 8" BOREHOLE	9	5 South
5	512 SEALS	15	512 TOP RETURN	4	520 6" BOREHOLE	10	17 C/T DIPS
6	5 SOUTH BOTTOM	18	510 NORTH RETURN	5	4 SOUTH LEVEL	11	FAN NORTH RETURN
7	5 SOUTH TOP	19	DIPS NORTH RETURN	6	512A	12	FAN SOUTH RETURN

LOCATION OF GAS MONITORING
POINTS, BHP MOURA # 2.

SCALE	CAD FILE NAME		SHEET
NTS	MOURA_3.CAD		A1
DRAWN	A.T.B.	09/09/94	DRAWING NUMBER 10/013/0001 094-215/1
CHECKED	D.R.	09/09/94	
APPROVED			