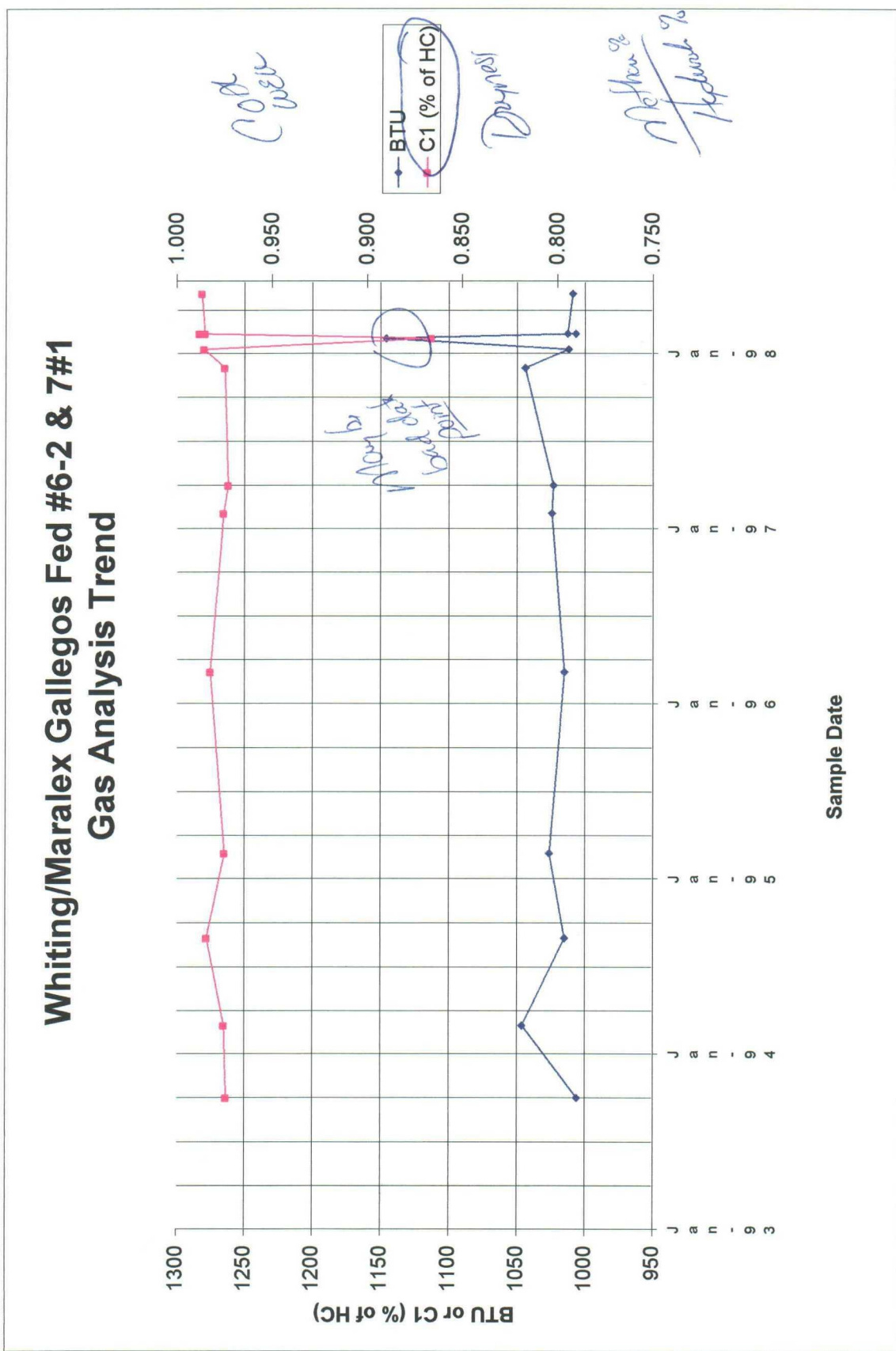


Sample Date	BTU	C1 (% of HC)	Well
5/6/98	1009	0.987	Gallegos Federal 6#2
2/11/98	1006.7	0.988	Gallegos Federal 6#2
12/1/97	1044	0.975	Gallegos Federal 6#2
4/1/97	1023	0.973	Gallegos Federal 6#2
3/7/96	1015	0.982	Gallegos Federal 6#2
2/23/95	1026	0.975	Gallegos Federal 6#2
8/30/94	1015	0.984	Gallegos Federal 6#2
3/1/94	1046	0.975	Gallegos Federal 6#2
10/1/93	1006	0.974	Gallegos Federal 6#2
2/11/98	1012.7	0.985	Gallegos Federal 7#1
2/1/98	1146	0.866	Gallegos Federal 7#1
1/9/98	1011.9	0.986	Gallegos Federal 7#1
2/1/97	1024	0.975	Gallegos Federal 7#1

6#2 Frac 8/10/93
7#1 Frac 8/10/93

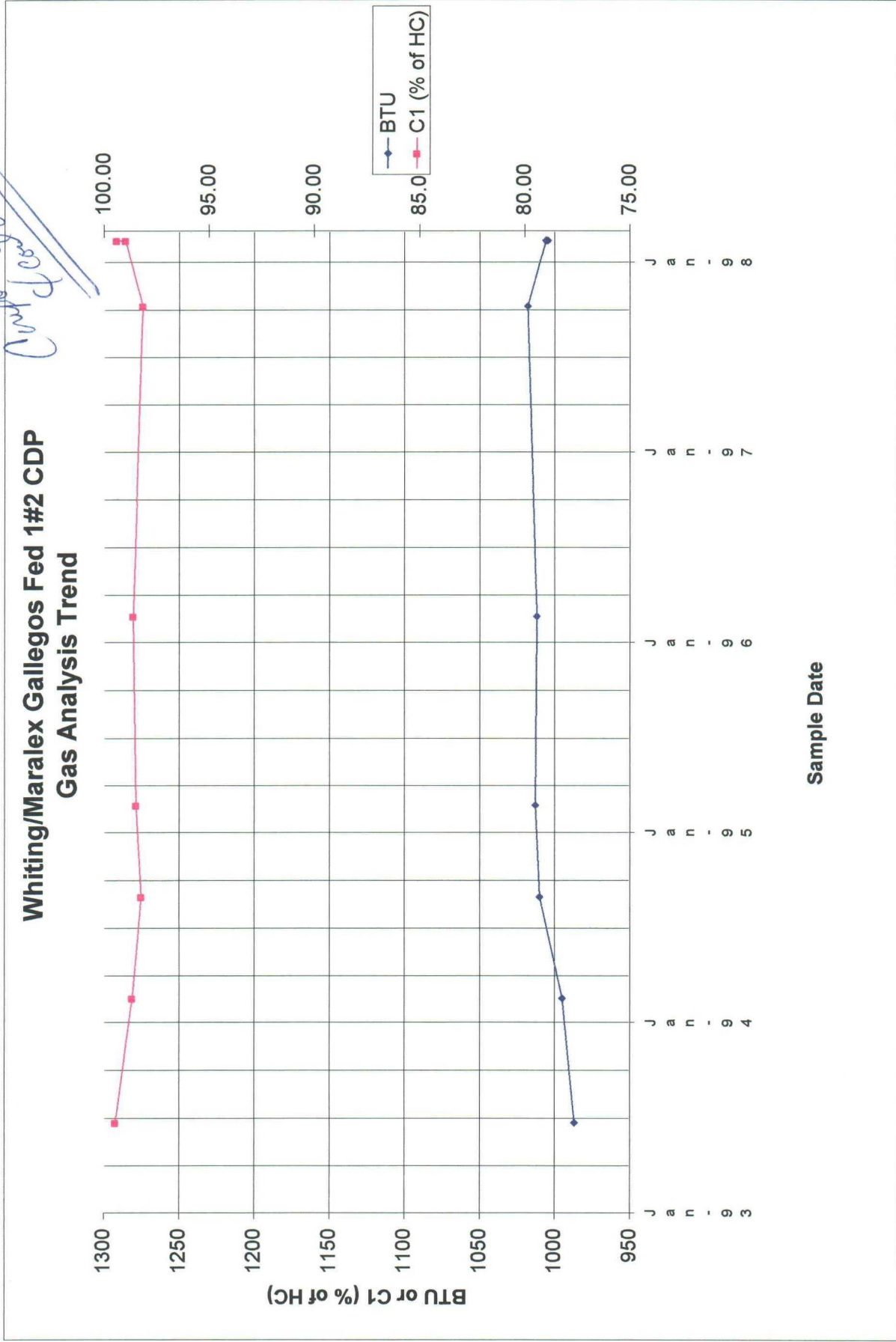


BEFORE EXAMINER CATANACH
OIL CONSERVATION DIVISION

w/m EXHIBIT NO. 29

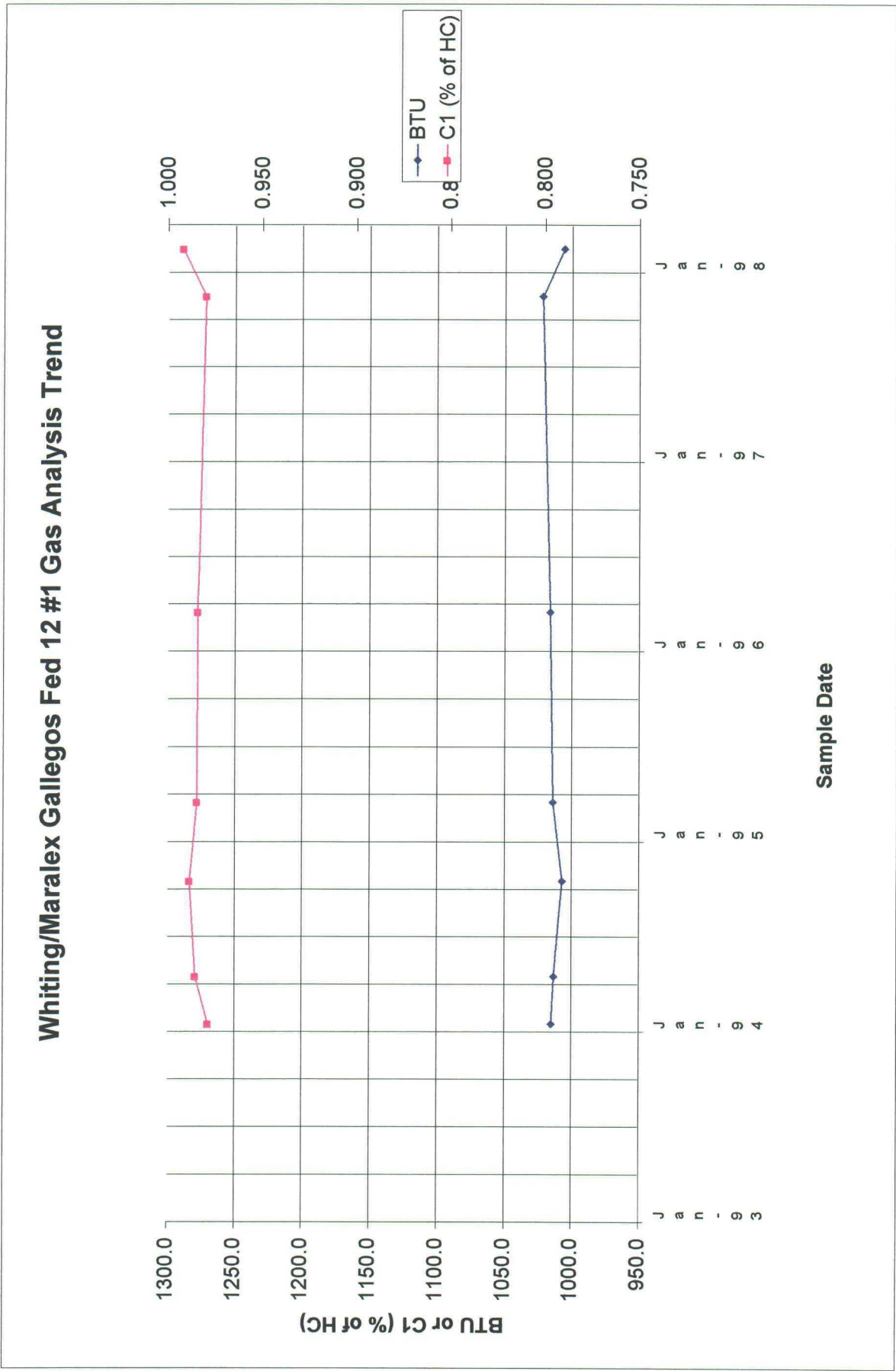
CASE NO. 11996

Sample Date	BTU	C1 (% of HC)
2/11/98	1005.9	98.97
2/11/98	1004.7	99.40
10/8/97	1018	98.16
2/20/96	1012	98.62
2/22/95	1013	98.46
8/30/94	1010	98.22
2/16/94	995	98.66
6/22/93	986.9	99.46



Sample Date	BTU	C1 (% of HC)
2/11/98	1006.0	0.992
11/7/97	1022.0	0.980
3/7/96	1016.0	0.984
3/24/95	1014.0	0.984
10/3/94	1007.0	0.988
4/1/94	1013.0	0.985
1/1/94	1015.0	0.978

Frac 8/16/93



Sample Date	BTU	C1 (% of HC)
10/8/97	1027	97.16
4/12/96	1023	97.91
3/8/96	1012	98.33
3/23/95	1024	97.65
9/30/94	1033	96.69

Whiting/Maralex Gallegos Fed 14 #1 Gas Analysis Trend

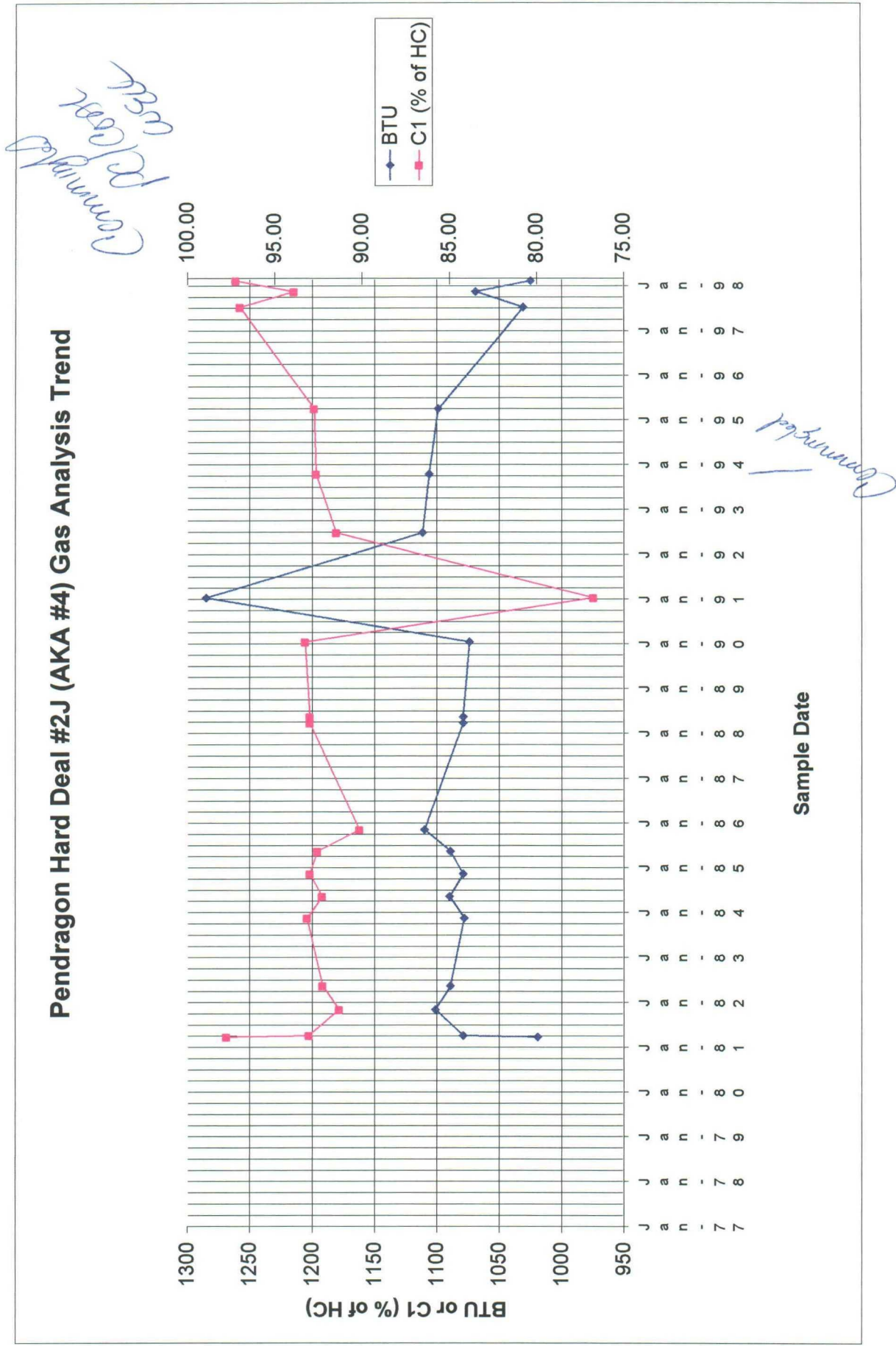


Sample Date	BTU	C1 (% of HC)
2/11/98	1025	97.26
11/15/97	1069	93.91
7/11/97	1031	97.00
4/1/95	1099	92.74
10/13/93	1106	92.63
6/23/92	1111.5	91.47
1/10/91	1285	76.76
1/15/90	1074	93.26
5/12/88	1079	92.98
3/24/88	1079	92.98
11/8/85	1110	90.14
5/15/85	1089	92.55
11/9/84	1079	92.97
5/9/84	1090	92.27
11/16/83	1078	93.14
5/13/82	1089	92.25
11/4/81	1101	91.32
4/7/81	1079	93.02
3/27/81	1019	97.75

Perfed Coal 12/5/94 & Frac w/ PC

3/27/81 sample labeled "Estimate"

Pendragon Hard Deal #2J (AKA #4) Gas Analysis Trend

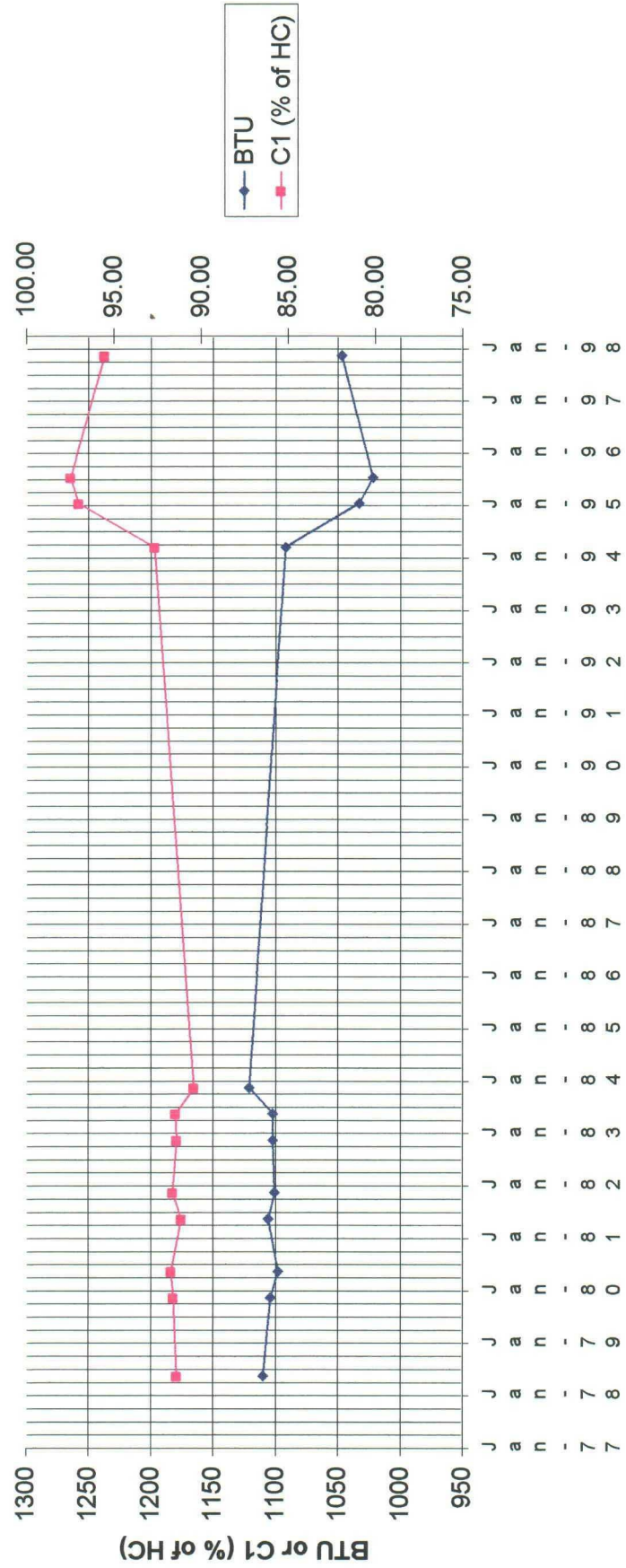


Sample Date	BTU	C1 (% of HC)
11/6/97	1047	95.52
7/5/95	1022	97.45
1/19/95	1033	96.99
3/22/94	1092	92.66
11/17/83	1121	90.39
5/25/83	1102	91.44
11/4/82	1102	91.39
11/4/81	1101	91.61
5/19/81	1106	91.11
5/20/80	1098	91.70
11/12/79	1104	91.58
5/19/78	1110	91.38

Recompleted from PC to Coal 6/6/90

Pendragon Fusselman Fed. #1 Gas Analysis Trend

Recompleted from PC to Coal



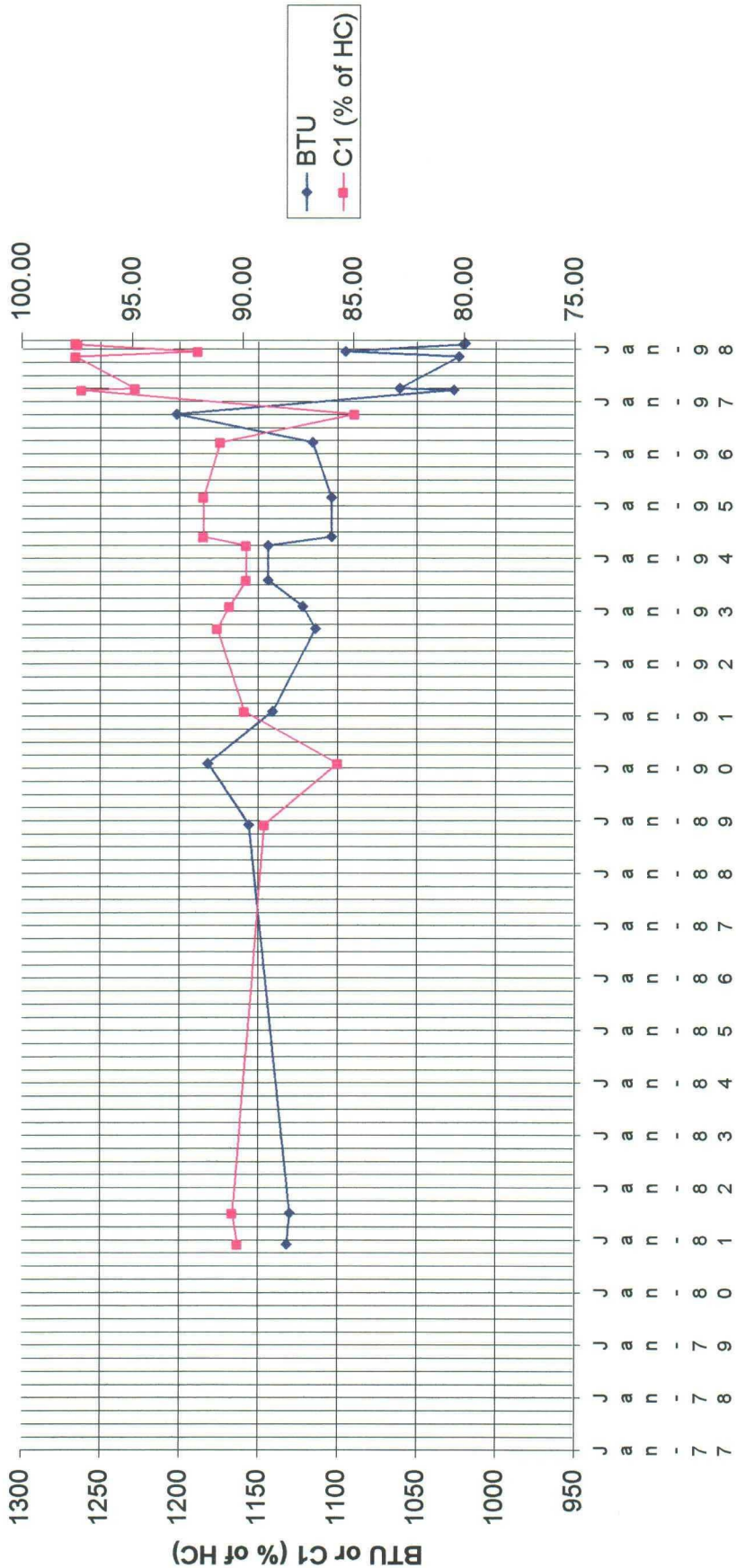
Sample Date

Recompleted

Sample Date	BTU	C1 (% of HC)
2/11/98	1019.4	97.55
2/3/98	1020.2	97.46
12/16/97	1095	92.03
11/10/97	1023.1	97.56
4/1/97	1061	94.88
3/20/97	1026.7	97.29
10/1/96	1202	84.94
3/19/96	1116	91.02
3/1/95	1104	91.78
6/1/94	1104	91.78
4/1/94	1144	89.84
8/1/93	1144	89.84
2/1/93	1122	90.61
9/1/92	1114	91.15
2/1/91	1141	89.93
2/1/90	1182	85.70
12/1/88	1156	89.01
7/8/81	1130.2	90.43
12/1/80	1131.9	90.21

Frac 1/27/95

Pendragon Chaco #1 Gas Analysis Trend



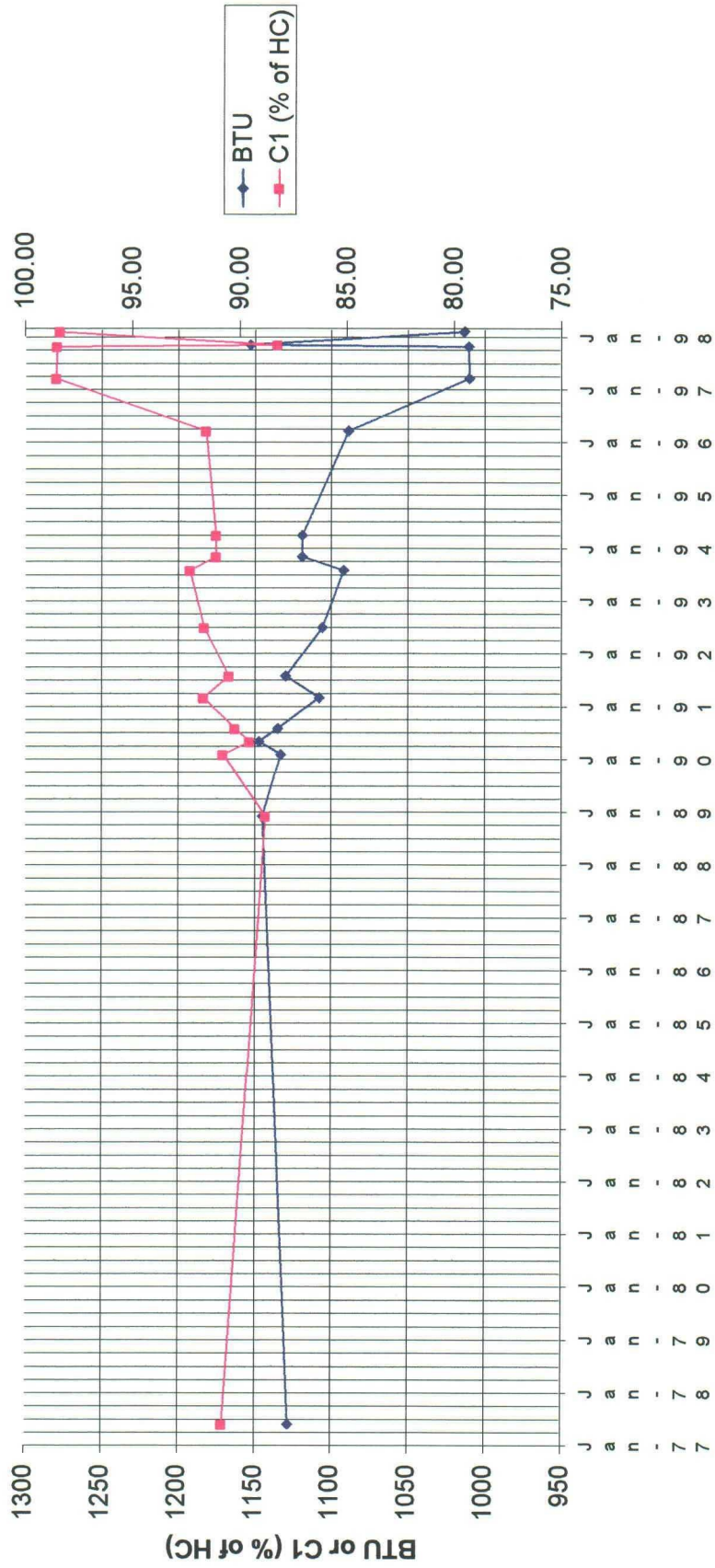
Sample Date

Hand

Sample Date	BTU	C1 (% of HC)
2/11/98	1013.3	98.39
2/3/98	1013.5	98.37
11/5/97	1153	88.22
10/25/97	1010.5	98.52
3/20/97	1010.1	98.55
3/19/96	1089	91.57
4/1/94	1119	91.08
11/1/93	1119	91.08
8/1/93	1092	92.30
7/1/92	1106	91.63
8/1/91	1130	90.49
3/1/91	1108	91.66
8/1/90	1135	90.22
5/1/90	1147	89.53
2/1/90	1133	90.76
12/1/88	1145	88.78
5/27/77	1128	90.80

Frac 5/10/95
Acidized 1/30/95

Pendragon Chaco #4 Gas Analysis Trend



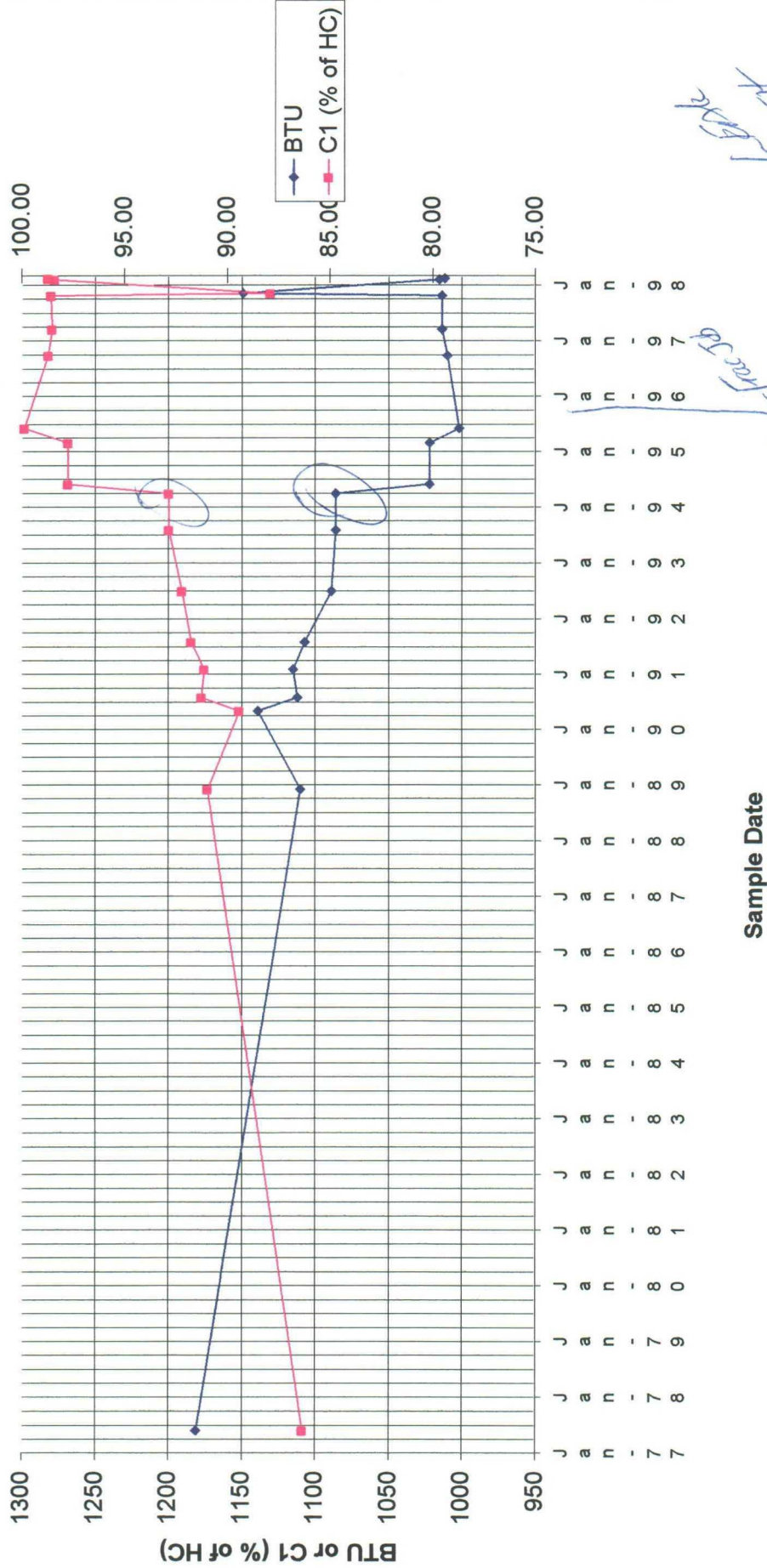
Sample Date

1998
1997
1996
1995
1994
1993
1992
1991
1990
1989
1988
1987
1986
1985
1984
1983
1982
1981
1980
1979
1978
1977

Sample Date	BTU	C1 (% of HC)
2/11/98	1011.6	98.72
2/3/98	1015.5	98.40
11/8/97	1149	87.89
10/25/97	1013.4	98.56
3/20/97	1013.7	98.51
9/27/96	1009.7	98.69
6/4/95	1002	99.88
3/1/95	1022	97.75
6/1/94	1022	97.75
4/1/94	1086	92.84
8/1/93	1086	92.84
7/1/92	1089	92.20
8/1/91	1107	91.73
2/1/91	1115	91.11
8/1/90	1112	91.24
5/1/90	1139	89.40
12/1/88	1110	90.94
5/26/77	1181	86.34

Frac 5/10/95
 Attempted Frac 1/31/95
 Proposed frac 5/3/79?

Pendragon Chaco #5 Gas Analysis Trend



Sample Date

May - frac 5/3/79
 1995
 1996
 1997
 1998