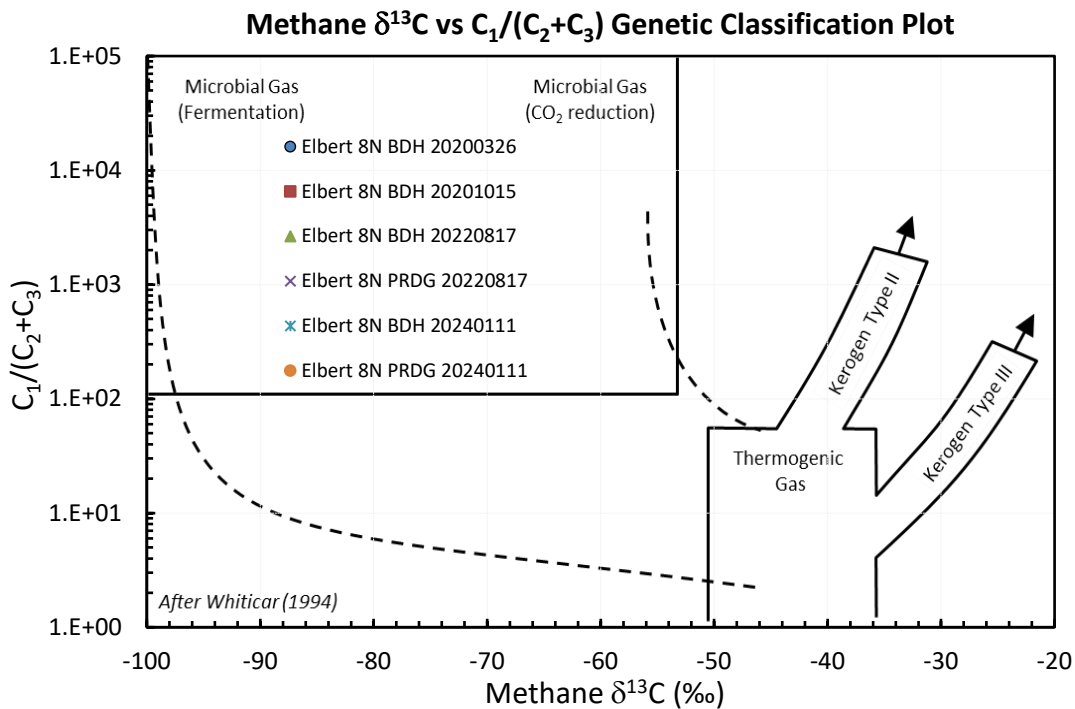
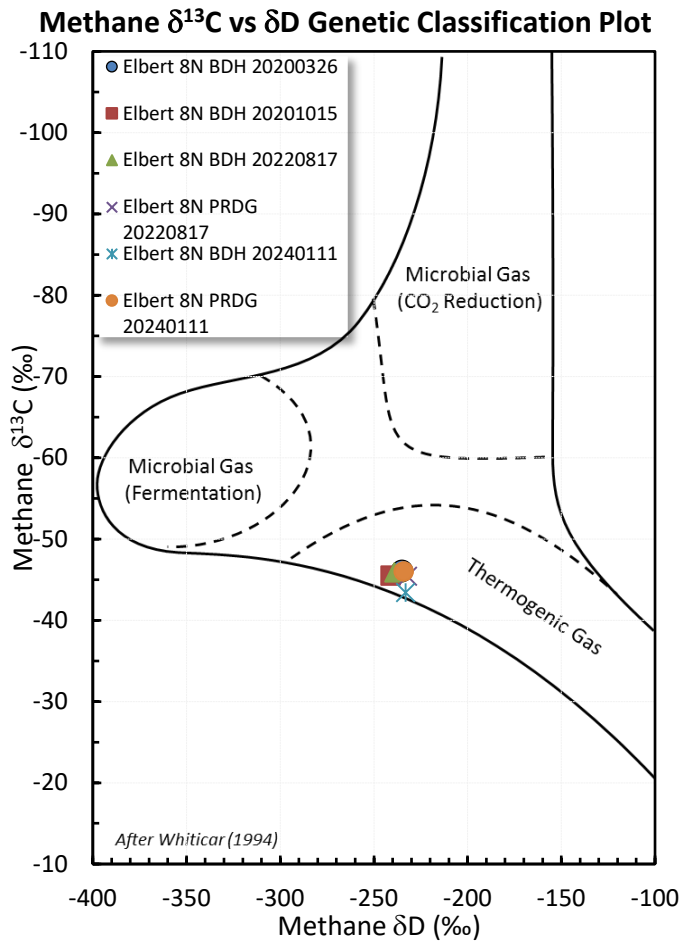
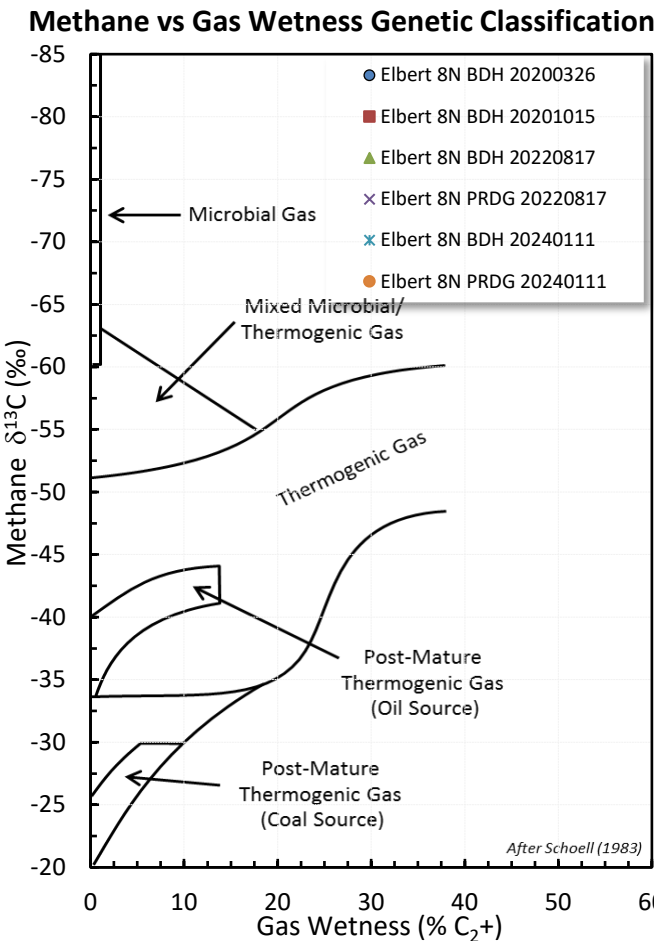
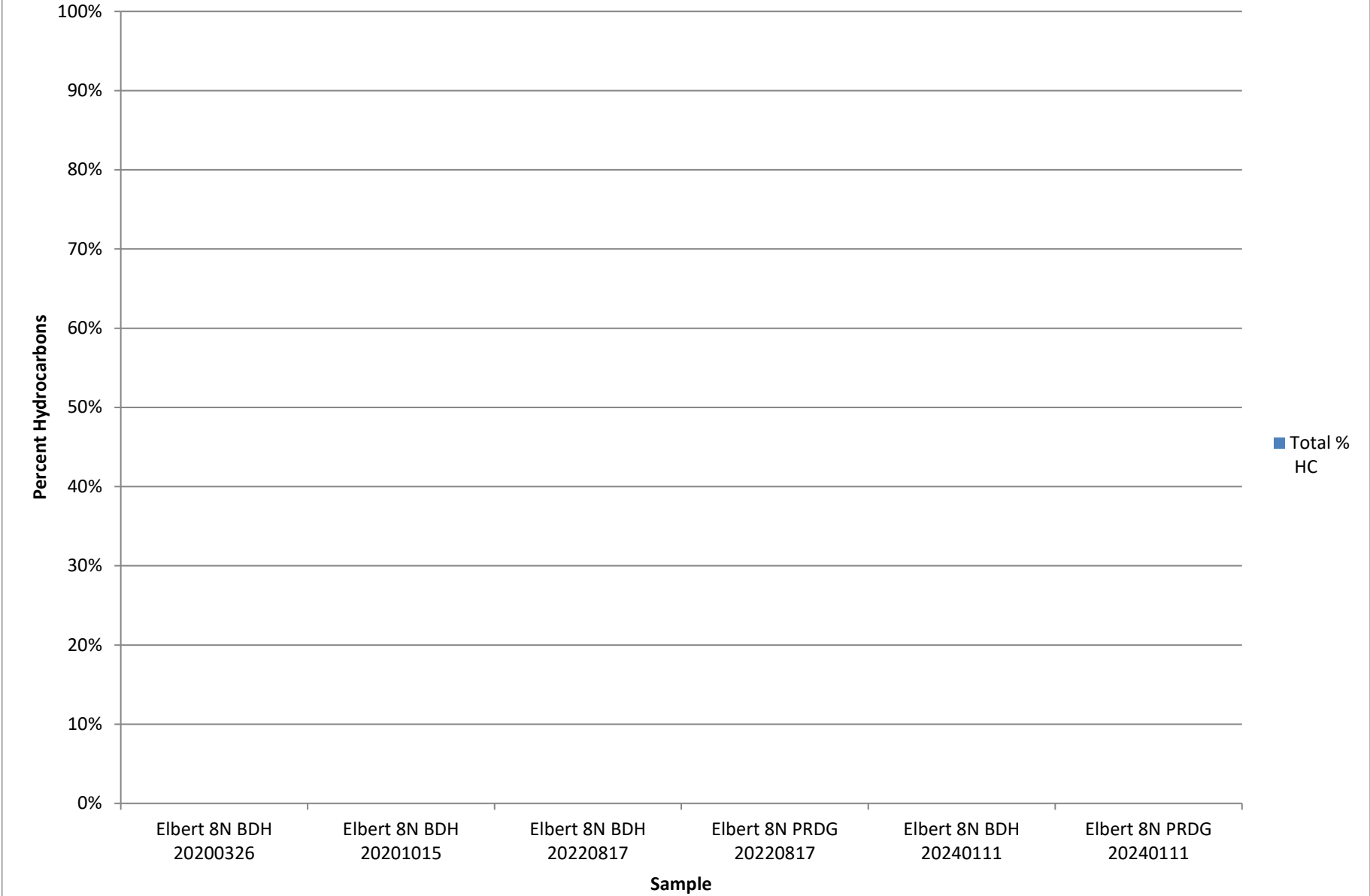


Stable Isotope Interpretive Plots



Total Percent Hydrocarbons



GAS COMPOSITION

GAS COMPOSITION (MOL %)

Parameter

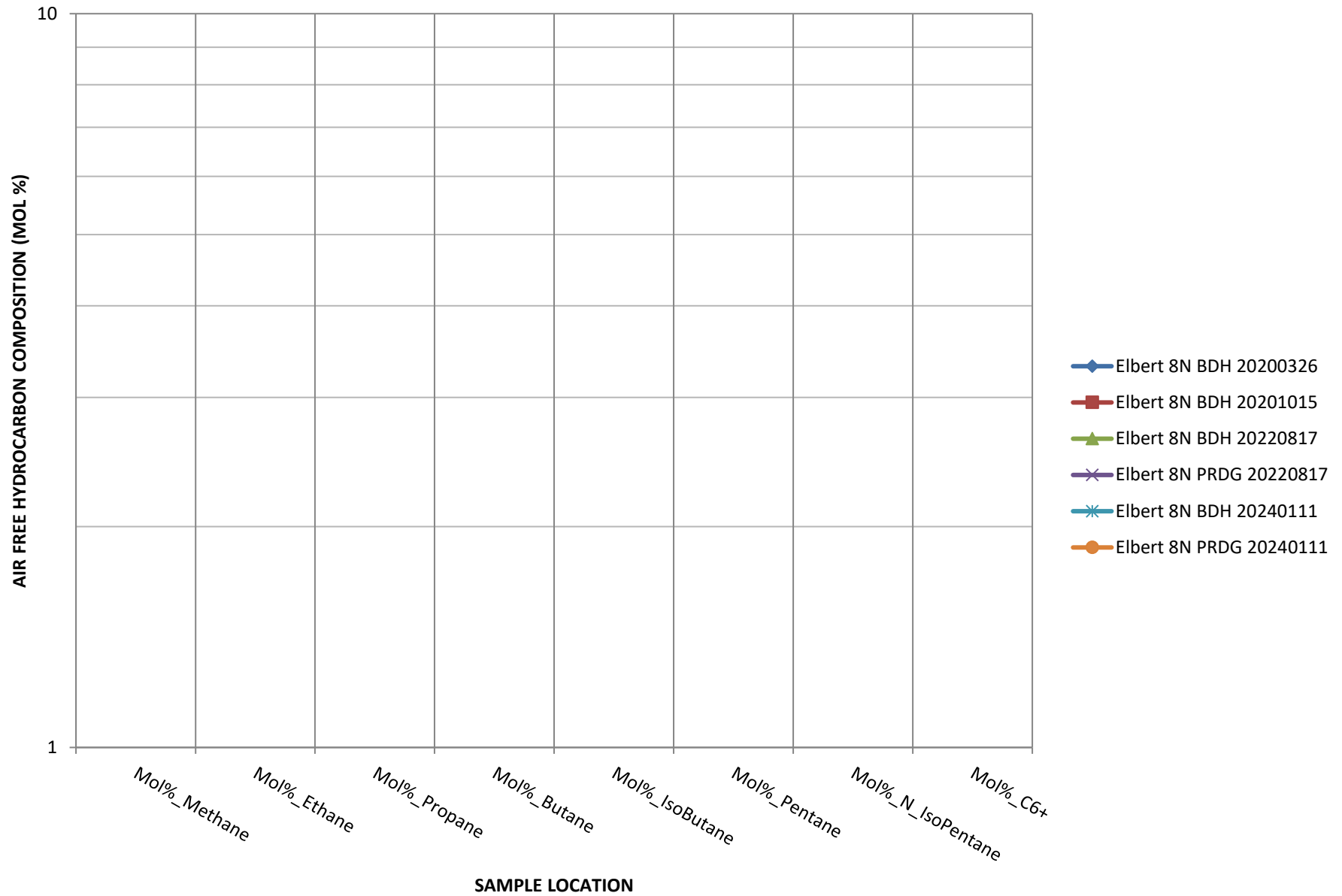
Legend:

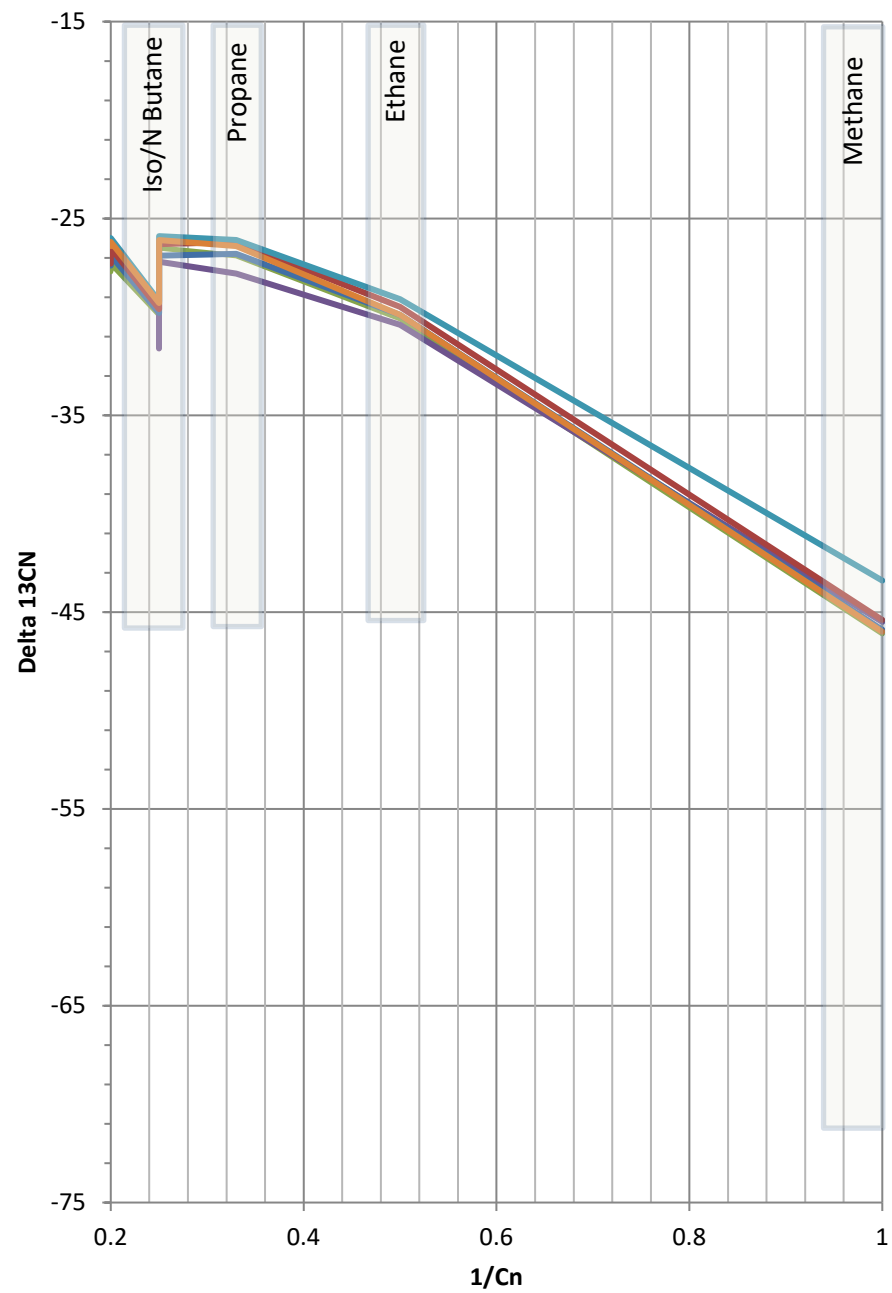
- Elbert 8N BDH 20200326
- Elbert 8N BDH 20201015
- Elbert 8N BDH 20220817
- Elbert 8N PRDG 20220817
- Elbert 8N BDH 20240111
- Elbert 8N PRDG 20240111

Parameter	Elbert 8N BDH 20200326	Elbert 8N BDH 20201015	Elbert 8N BDH 20220817	Elbert 8N PRDG 20220817	Elbert 8N BDH 20240111	Elbert 8N PRDG 20240111
Mol% Nitrogen	5.0	50.0	3.5	0.5	3.0	0.5
Mol% Oxygen	0.001	0.001	0.001	0.001	0.001	0.001
Mol% Argon	1.5	15.0	0.6	0.2	1.0	0.1
Mol% O2+AR	0.001	0.02	0.001	2.5	2.5	2.5
Mol% CarbonDioxide	0.001	0.001	0.001	0.001	0.001	0.001
Mol% Helium	0.8	0.09	4.5	0.001	0.02	0.001
Mol% hydrogen	70.0	25.0	70.0	70.0	70.0	70.0
Mol% Methane	10.0	3.0	12.0	13.0	12.0	12.0
Mol% Ethane	5.0	1.2	5.0	5.0	5.0	5.0
Mol% Propane	1.3	0.3	1.8	2.0	1.8	1.8
Mol% Butane	0.7	0.18	0.7	0.8	0.7	0.8
Mol% IsoButane	0.3	0.06	0.5	0.6	0.5	0.5
Mol% N_Pentane	0.35	0.07	0.5	0.6	0.5	0.5
Mol% IsoPentane	0.07	0.03	0.3	0.25	0.3	0.3
Mol% C6+	0.001	0.001	0.001	0.001	0.001	0.001

- Elbert 8N BDH 20200326
- Elbert 8N BDH 20201015
- Elbert 8N BDH 20220817
- Elbert 8N PRDG 20220817
- Elbert 8N BDH 20240111
- Elbert 8N PRDG 20240111

HYDROCARBON COMPOSITION



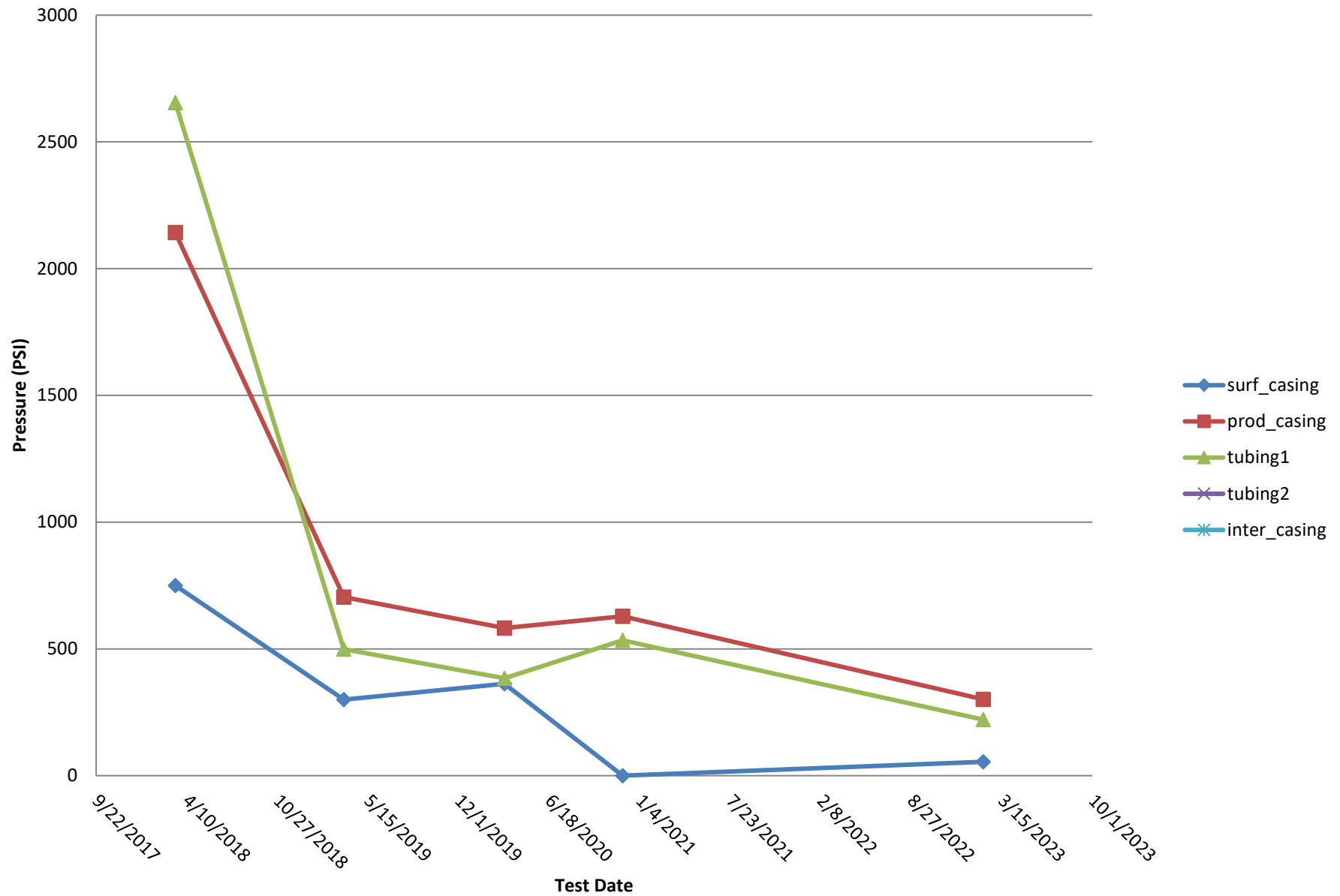


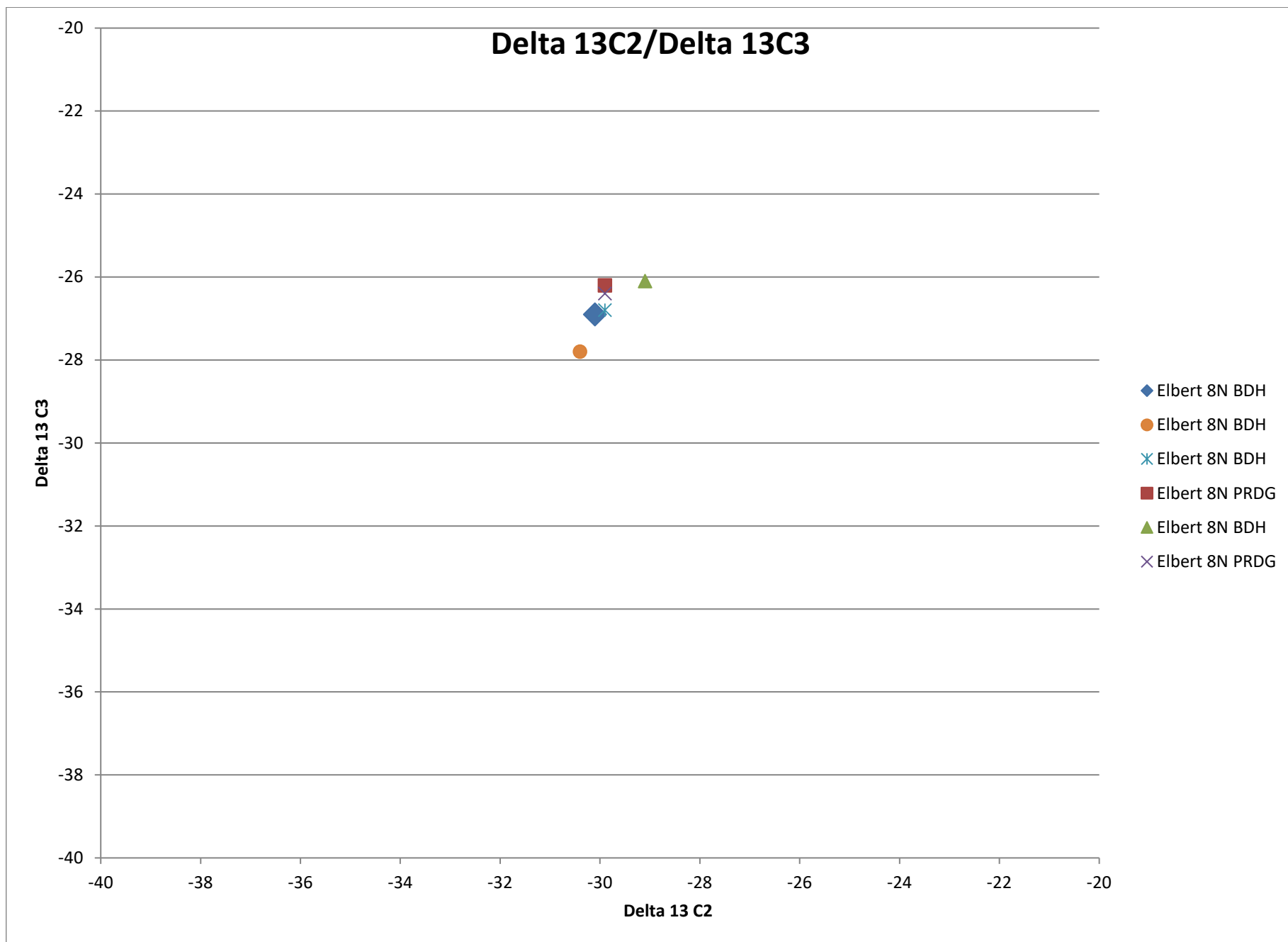
Elbert 8N BDH Elbert 8N BDH

Elbert 8N BDH Elbert 8N PRDG

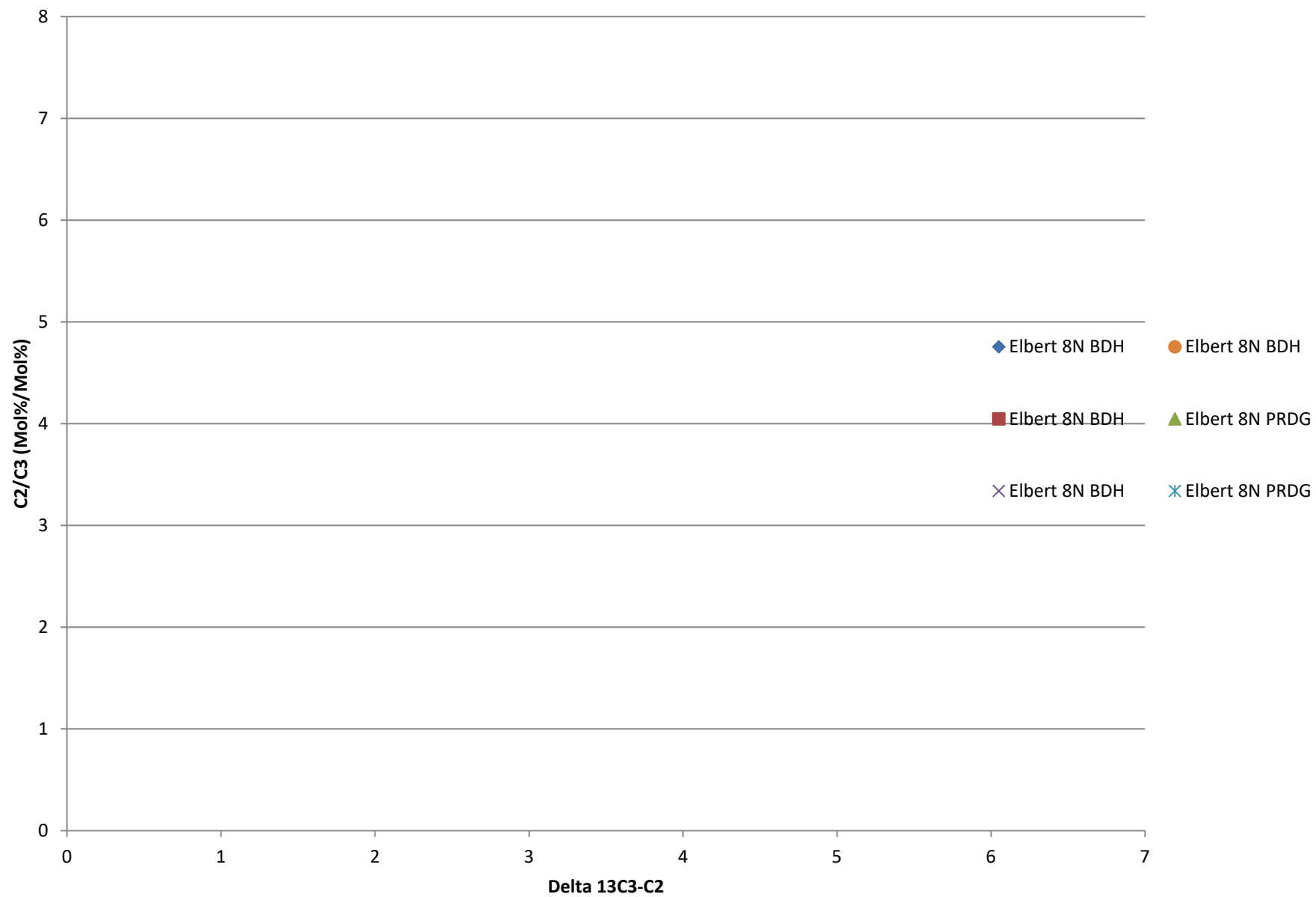
Elbert 8N BDH Elbert 8N PRDG

Bradenhead Test Summary





Delta13 C2/C3 vs. Delta 13C3-C2



Delta 13 IC4/ Delta NC4

