HYDROCARBON ANALYSIS OF SEPARATOR GAS SAMPLE TO UNDECANES PLUS

DST #6

Cylinder #:	SS-134		SS-818		SS-756	
Opening Pressure:	288 psig @ 51°F		31 psig @ 50°F		299 psig @ 52°F	
Component	Mol Percent	GPM	Mol Percent	GPM	Mol Percent	GPM
Helium	0.00		0.00		0.00	
Hydrogen Sulphide	0.00		0.00		0.00	
Carbon Dioxide	10.47		8.86		10.50	
Nitrogen	0.35		0.28		0.30	
Methane	68.17		65.33		69.48	
Ethane	11.06	2.950	11.94	3.185	10.95	2.921
Propane	6.58	1.806	7.34	2.015	6.11	1.677
iso-Butane	1.29	0.421	1.70	0.555	1.10	0.359
n-Butane	1.22	0.384	2.07	0.651	0.98	0.308
iso-Pentane	0.31	0.113	0.81	0.296	0.22	0.080
n-Pentane	0.22	0.080	0.70	0.253	0.14	0.051
Hexanes	0.13	0.053	0.39	0.159	0.09	0.037
Heptanes	0.09	0.091 (C7+)	0.26	0.267 (C7+)	0.06	0.059 (C7+)
Octanes	0.07		0.20		0.04	
Nonanes	0.03		0.09		0.01	
Decanes	0.01		0.02		0.01	
Undecanes plus	Trace		0.01		0.01	
	100.00	5.898	100.00	7.381	100.00	5.492

Gas gravity (Air = 1.000):	0.829	0.880	0.812
Gross heating value (BTU per cubic foot of dry gas @ 14.696 psia and 60°F):	1170	1291	1143

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