

HYDROCARBON ANALYSIS OF SEPARATOR GAS SAMPLE TO UNDECANES PLUS

DST #4

<u>Cylinder #:</u>	W3A-1754		A11022		W3-1647	
<u>Opening Pressure:</u>	0 psig @ 72°F		39 psig @ 69°F		32 psig @ 64°F	
<u>Component</u>	<u>Mol Percent</u>	<u>GPM</u>	<u>Mol Percent</u>	<u>GPM</u>	<u>Mol Percent</u>	<u>GPM</u>
Helium	0.00		0.00		0.00	
Hydrogen Sulphide	0.00		0.00		0.00	
Carbon Dioxide	9.29		8.70		8.82	
Nitrogen	0.32		0.28		0.35	
Methane	66.73		67.79		65.02	
Ethane	12.00	3.201	11.35	3.028	11.83	3.156
Propane	6.74	1.850	7.02	1.927	7.27	1.995
iso-Butane	1.39	0.454	1.47	0.480	1.69	0.552
n-Butane	1.59	0.500	1.50	0.472	2.07	0.651
iso-Pentane	0.56	0.205	0.55	0.201	0.80	0.292
n-Pentane	0.46	0.166	0.48	0.174	0.70	0.253
Hexanes	0.40	0.163	0.41	0.167	0.58	0.236
Heptanes	0.31	0.236 (C7+)	0.29	0.204 (C7+)	0.50	0.394 (C7+)
Octanes	0.17		0.15		0.35	
Nonanes	0.03		0.01		0.02	
Decanes	0.01		Trace		Trace	
Undecanes plus	Trace		Trace		Trace	
	<u>100.00</u>	<u>6.775</u>	<u>100.00</u>	<u>6.653</u>	<u>100.00</u>	<u>7.529</u>
Gas gravity (Air = 1.000):	0.856		0.848		0.892	
Gross heating value (BTU per cubic foot of dry gas @ 14.696 psia and 60°F):	1242		1245		1308	