

15-033-21009

6-33-18W

From: Robert Caraway Caraway Analytical, Inc. Fax: 316-626-7108
 To: Simpson, Paul - Backup Trilobite Tesing, L. L. C. Fax: 1-785-625-4504

23:17:00 5/21/99 Page 3 of 3 Log:790

NATURAL GAS ANALYSIS REPORT

Sampled by:
 Trilobite Testing, L. L. C.
 Hays, Kansas
 Scott City, Kansas
 Phone: 800-728-5369
 Fax: 913-625-5620

Analyzed by:
 Caraway Analytical, Inc
 P. O. Box 2137
 Liberal, Kansas 67905
 Phone: 316-624-5389
 Fax: 316-626-7108

Lab Number: 992590
 Sample From: Lousch B-1 DST 3
 Producer: Daystar Petroleum
 Date:
 Time:
 Sampler:
 Source:

Analyzed: 05/21/99
 Pressure:
 Temperature:
 Location: 6-33-18
 County: Comanche
 State: Kansas
 Formation: Pawnee/
 Ft. Scott

	Mole %	GPM
Helium	He: 0.155	0.000
Hydrogen	H2: 0.042	0.000
Oxygen	O2: 0.000	0.000
Nitrogen	N2: 4.047	0.000
Carbon Dioxide	CO2: 0.245	0.000
Methane	C1: 89.881	0.000
Ethane	C2: 3.496	0.935
Propane	C3: 0.892	0.246
Iso Butane	iC4: 0.211	0.069
Normal Butane	nC4: 0.427	0.135
Iso Pentane	iC5: 0.143	0.052
Normal Pentane	nC5: 0.102	0.037
Hexanes Plus	C6+: 0.359	0.157
TOTAL:	100.000	1.630
Z Fact:	0.9978	
SP. GR.:	0.6229	
BTU (SAT):	1027.8 @ 14.73 psia	
BTU (DRY):	1046.0 @ 14.73 psia	
OCTANE RATING:	122.1	

COMMENTS:

0.000