



EXTENDED NATURAL GAS ANALYSIS

COMPANY NAME: KODIAK PETROLEUM LAB# 9213496
 SAMPLE ID: KIMPLER 14-8
 SETT #: DST #1- LOWER KRIDER FORMATION
 COUNTY: PAWNEE LEGAL LOCATION: 14-20-20
 DATE SAMPLED: N/A SAMPLER: TRILOBITE
 SAMPLE PRESSURE: N/A TEMPERATURE (F): N/A
 DATE ANALYZED: JULY 7 1992
 QUALITY CONTROL DATE: JULY 7 1992

*****ANALYSIS*****CALCULATED AT 14.65 PSIA. AT 60 F**NORMALIZED*****

HYDROCARBONS	MOLAL%	LIQUID VOLUME%	BTU AMOUNT	GPM
METHANE	55.6	58.09	560.51	0
ETHANE	.42	.69	7.41	0
PROPANE	.24	.41	6.02	.07
ISO-BUTANE	.11	.22	3.57	.04
NORMAL-BUTANE	.	.8	13.01	.13
ISO-PENTANE	.37	.83	14.76	.13
NORMAL-PENTANE	.61	1.36	24.38	.22
3-METHYLPENTANE	*			
2,3-DIMETHYLBUTANE	*			
2-METHYLPENTANE	*			
CYCLOPENTANE	*			
NORMAL HEXANE	*			
HEXANES+	4.76	12.1	240.38	2.05
NITROGEN	35.63	24.1	0	0
OXYGEN	.05	.03	0	0
CARBON DIOXIDE	.51	.53	0	0
HELIUM	.23	.77	0	0
HYDROGEN	TRF (<.01)			
TOTALS*****	100	100	870.04	2.64

BTU/FT³ DRY (IDEAL GROSS): 870.04
 BTU/FT³ SATURATED (IDEAL GROSS): 855.69
 IDEAL SPECIFIC GRAVITY: .8569
 COMPRESSIBILITY: .9979
 GPM: 2.64
 * = COMBINED WITH HEXANES+

Note: Black condensate noticed
 dripping out of bottle after
 test confirming high C₆ results

RESPECTFULLY SUBMITTED

R. D. Jones

PRIORITY ANALYTICAL LAB