

PRECISION SERVICE, INC.

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P.O. BOX 2604 * ROSWELL, NEW MEXICO 88201 * (505) 622-9874

LET YOUR INTEREST IN MEASUREMENT BE OUR CONCERN

LABORATORY REPORT NUMBER 131-7 GAS ANALYSIS

COMPANY: YATES ENERGY CORP.
PRODUCER: YATES ENERGY CORP.
LEASE: DESERT ROSE FED #1

DATE SAMPLED 01/22/90
DATE RUN 01/31/90
STATION

COMPONENT MOLE % 14.696 PSIA 14.730 PSIA

NITROGEN	0.754		
CARBON DIOXIDE	0.756		
METHANE	92.654	*****	
ETHANE	4.085	1.090	1.093
PROPANE	0.977	0.268	0.269
ISO-BUTANE	0.206	0.067	0.067
N-BUTANE	0.235	0.074	0.074
ISO-PENTANE	0.112	0.041	0.041
N-PENTANE	0.069	0.025	0.025
HEXANES PLUS	0.152	0.066	0.066
TOTAL %	100.000		
ETHANE PLUS	5.836	1.631	1.635
PROPANE PLUS	1.751	0.541	0.542
BUTANES PLUS	0.774	0.273	0.273
PENTANES PLUS	0.333	0.132	0.132

TOTAL REAL BTU / CU. FT.	(DRY)	1065	1067
TOTAL REAL BTU / CU. FT.	(WET)	1046	1048

REAL SPECIFIC GRAVITY	0.609	Z FACTOR	0.9977
IDEAL SPECIFIC GRAVITY	0.608	MOLECULAR WEIGHT	17.6368

(ALL VALUES CALCULATED AT 60 DEG. F)

SAMPLED BY: L.LeJEUNE
LOCATION: DARK CANYON
COUNTY: EDDY
STATE: NEW MEXICO
PRES. PSIG: 486
TEMP(DEG F): 81
FIELD GRAVITY: 0.603
ZONE:
VOLUME MCF/D:

RUN BY ... JEFFREY A. PROPP
APPROVED BY...J.A.PROPP