

NEW-TEX LAB
P.O. Box 1161
Hobbs, New Mexico 88240

ANALYSIS CERTIFICATE

CLIENT: BENNETT & CATHEY INC ANALYSIS NUMBER: 5765
ADDRESS: BOX 787 DATE OF RUN: 1 23 85
CITY, STATE: ARTESIA NM 88210 DATE SECURED: 1 22 85

SAMPLE IDENT: SOUTHLAND ROYALTY - CITGO FED "5" COM #1
SAMPLING PRESS: 230 PSIG SAMPLING TEMP: 45 DEG F

REMARKS: EDDY COUNTY NEW MEXICO

***** GAS ANALYSIS *****

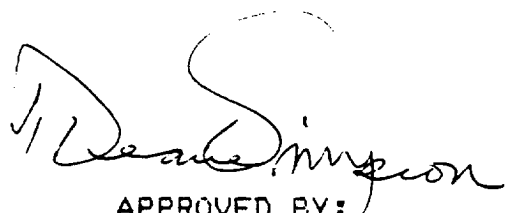
	MOLE PERCENT	GAL/ MCF
NITROGEN	1.230	
CARBON DIOXIDE	0.071	
METHANE	78.446	
ETHANE	11.862	3.164
PROPANE	5.320	1.460
ISO-BUTANE	0.710	0.232
NORMAL BUTANE	1.294	0.407
ISO-PENTANE	0.534	0.197
NORMAL PENTANE	0.321	0.116
HEXANES	0.212	0.087
TOTAL	100.000	5.663

PROPANE GPM: 1.46 BUTANES GPM: 0.64
ETHANE GPM: 3.16 PENTANES PLUS GPM: 0.40

SPECIFIC GRAV (CALC): 0.7197
MOLE WEIGHT: 20.84

HHV-BTU/CU FT	PRESSURE (PSIA)	WET	DRY
14.696		1224	1246
14.650		1220	1242
14.730		1227	1249
14.735		1227	1249

ANALYZED BY:
DEANE SIMPSON


APPROVED BY: