



**NEW-TEX
LAB**

PHONE 505/393-3561

P. O. BOX 1161

611 W. SNYDER

HOBBS, NEW MEXICO 88240

ANALYSIS CERTIFICATE

CLIENT: DUKE SERVICES INC
ADDRESS: 2400 N GRIMES SUITE H-273
CITY, STATE: HOBBS NM 88240

ANALYSIS NUMBER: 7644
DATE OF RUN: 7 23 85
DATE SECURED: 7 22 85

SAMPLE IDENT: SPENCE ENERGY - FEDERAL 25 #1
SAMPLING PRESS: SAMPLING TEMP: 90 DEG F

REMARKS: SAMPLED @ 2:30 PM
REMARKS: MCF/DAY: 1603

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

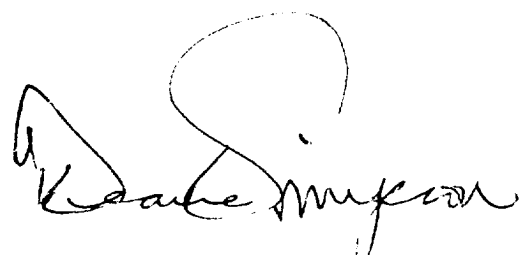
	MOLE PERCENT	GAL/ MCF
NITROGEN	0.893	
CARBON DIOXIDE	0.522	
METHANE	82.862	
ETHANE	8.651	2.307
PROPANE	4.183	1.148
ISO-BUTANE	0.687	0.224
NORMAL BUTANE	1.225	0.385
ISO-PENTANE	0.351	0.129
NORMAL PENTANE	0.298	0.108
HEXANES	0.328	0.135
TOTAL	100.000	4.436

PROPANE GPM: 1.15 BUTANES GPM: 0.61
ETHANE GPM: 2.31 PENTANES PLUS GPM: 0.37

SPECIFIC GRAV (CALC): 0.6937
MOLE WEIGHT: 20.09

HHV-BTU/CU FT	PRESSURE (PSIA)	WET	DRY
	14.696	1179	1200
	14.650	1175	1196
	14.730	1181	1202
	14.735	1182	1203

DEANE SIMPSON



RECEIVED

AUG 22 1985

G.C.P.
HOUSE OFFICE