

07/30/82

EL PASO NATURAL GAS COMPANY
MEASUREMENT DEPARTMENT
POST OFFICE BOX 1492
EL PASO, TEXAS 79999

RECEIVED

AUG 04 1982

FARMINGTON DISTRICT

CHROMATOGRAPHIC GAS ANALYSIS REPORTS

SOUTHLAND ROYALTY CO.
P.O. DRAWER 570
FARMINGTON, NM 87401

ANAL DATE 07 29 82

METER STATION NAME
JOHNSON #1 GL/DK

METER STA 94334
OPER 8367

TYPE CODE	SAMPLE DATE	EFF. DATE	USE MOS.	SCALE	H2S GRAINS	LOCATION
42	07 29 82	07 30 82	06			4 F 01

	NORMAL MOL%	GPM
C O 2	.43	.000
H 2 S	.00	.000
N2	.81	.000
METHANE	80.96	.000
ETHANE	9.82	2.625
PROPANE	4.54	1.249
ISO-BUTANE	.87	.284
NORM-BUTANE	1.23	.388
ISO-PENTANE	.51	.187
NORM-PENTANE	.35	.127
HEXANE PLUS	.48	.210

TOTALS	100.00	5.070
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SPECIFIC GRAVITY .715

MIXTURE HEATING VALUE
(BTU/CF AT 14.73 PSIA, 60 DEGREES, DRY) 1,239

EXHIBIT No. 3
Gallup/Dakota
Gas Analysis

RATIO OF SPECIFIC HEATS 1.281