

***** ** BELL PETROLEUM LABORATORIES *****

P.O. BOX 2988 * 24 HOUR PHONE 915/694-9653
MIDLAND, TEXAS 79701

RUN NUMBER : 45256

DATE SECURED: 11/2/90

A SAMPLE OF: BILBREY 27 FEDERAL #1 @ TEST SEPARATOR
SECURED FROM: SANTA FE ENERGY

AT: SECURED BY: SCHLUMBERGER TESTING
SAMPLING CONDITIONS: PRESS: TEMP: TIME: DATE:

***** FRACTIONAL ANALYSIS *****
@ 14.696 & 60 DEG. F.

	MOL. %		CALC. SP. GR.	0.6632
	-----		PROPANE CAL GPM	0.544
CARBON			BUTANES CAL GPM	0.227
DIOXIDE	1.29		PENTANES + GPM	0.538
NITROGEN	0.29		ETHANE CALC GPM	1.718
METHANE	88.07	GPM	B.T.U./CU.FT.	
ETHANE	6.44	1.718	DRY BASIS	1143
PROPANE	1.98	0.544	WET BASIS	1123
ISO-BUTANE	0.31	0.101		
N-BUTANE	0.40	0.126	26 # PRODUCT	0.874
ISO-PENTANE	0.19	0.069	12 # PRODUCT	0.606
N-PENTANE	0.13	0.047		
HEXANES	0.20	0.082		
HEPTANES +	0.70	0.340		
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TOTAL	100.00	3.027		

APPROVED BY:

***** ADDITIONAL DATA AND REMARKS *****

Z = 0.997