

El Paso Natural Gas Company
HYDROCARBON ANALYSIS
Form 12-18 (Rev. 12-55)

PERMIAN DIVISION
LABORATORY

TYPE ANALYSIS	Pod	Mass Spec.	Chromatograph	Other	Analysis No.
Sample From					43150
Asoco Production Co. - South Mattix #3					
Owner			State	County	
Location of Field			New Mexico	Lea	
			Birth	From	To

Date Secured	Secured by	Department
3-26-79	Witherspoon	
Date Recd.	Run by	Checked by
3-27-79	Witherspoon	
Source Press.	Bomb Press.	Source Temp.
		Atmos. Temp.

BTU @ 14.696	Actual	Calculated, Dry	SP. GR. @ 14.696 & 60° F	Actual	Calculated
		1089.28			.706
Hydrogen Sulphide as gas, H ₂ S/100 SCF	1535.42	Mercaptan as gas, Sulfur/100 SCF	5.27	Total	Sweet
VAPOR PRESS. @ 100° F	Actual, Head	Calculated		1540.69	

COMPONENT		MOLE %	GPM	LIQ. VOL. %
Helium	HE ₂			
Hydrogen Sulphide	H ₂ S	2.45		
Carbon Dioxide	CO ₂	.96		
Nitrogen	N ₂	1.94		
Methane	C ₁	83.59		
Ethane	C ₂	6.92		
Propane	C ₃	2.58	.709	
Iso Butane	IC ₄	.31	.101	
Normal Butane	C ₄	.80	.252	
Iso Pentane	IC ₅	.20	.073	
Normal Pentane	C ₅	.16	.058	
Hexane	C ₆	.04	.016	
Heptane	C ₇	.05	.024	
		100.00	1.233	

DISTRIBUTION

HH LB RTW
SS AJD ES
REJ CLW Res. Eng - Test Section
JWC HOW File

ENGLER	
IBP	% @ 96
5	% @ 140
10	% @ 275
20	End Point
30	Recovery
40	Residue
50	Loss
60	
70	
80	
90	

REMARKS

Sec 15, Twp 24S, Rge 37E

RECEIVED

MAY 18 1979

OIL CONSERVATION COMM.
HOUSTON, TEXAS