El Paso Natural Gas Company

HYDROCARBON ANALYSIS

Form 15-1R (Rev. 12-65)

PERMIAN DIVISION LABORATORY

TYPE ANALYSIS	Pod	Mass Spec.	Chromatograph	Other	Analysis No.
					45945

Sample From: Vasquez Com #1

Owner	State	County
Aminoil USA	New Mexico	Eddy

Location of Field	Formation	Depth From	Depth To
	Atoka		

Date Secured	Secured by	Department
11-28-80	Swartz	

Date Run	Run by	Checked by
11-28-80	Jacobs	

Source Press.	Bomb Press.	Source Temp.	Atmos. Temp.

BTU @ 14.696	Actual	Calculated, Dry	SP. GR. @ 14.696 & 60° F	Actual	Calculated
		1004.15			.580

Hydrogen Sulphide as grs. H_2S / 100 SCF	Mercaptan as grs. Sulfur/100 SCF	Total	Inert
0	0	0	

VAPOR PRESS. @ 100° F	Actual, Reid	Calculated

COMPONENT		MOLE %	GPM	LIQ. VOL. %
Helium	HE_2			
Hydrogen Sulphide	H_2S			
Carbon Dioxide	CO_2	.80		
Nitrogen	N_2	1.73		
Methane	C_1	95.51		
Ethane	C_2	1.67		
Propane	C_3	.21	.058	
Iso Butane	IC_4	.04	.013	
Normal Butane	C_4	.03	.009	
Iso Pentane	IC_5	.01	.004	
Normal Pentane	C_5			
Hexane	C_6			
Heptane	C_7			
		100.00	.084	

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

REMARKS

Sec 3, Twp 24S, Rge 28E

DISTRIBUTION

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