

TYPE ANALYSIS	Field	Mass Spec.	Chromatograph	Other	Analysis No. 42681
Sample From Southern Union Exploration Lea L #1					
Owner				State New Mexico	County Lea
Location or Field Wildcat		Formation Morrow		Depth	From To

Date Secured 11-29-78	Secured by Martin	Department:	
Date Run 11-30-78	Run by Venable	Checked by	
Source Press.	Bomb Press.	Source Temp.	Atmos. Temp.

BTU @ 14.69%	Actual	Calculated, Dry	SP. GR. @ 14.69% & 60° F	Actual	Calculated
		1142.72			.651
Hydrogen Sulfide as grs. H₂S / 100 SCF	0	Mercaptan as grs. Sulfur/100 SCF	0	Total	Sweet
				0	
VAPOR PRESS. @ 100° F	Actual, Reid	Calculated			

COMPONENT	MOLE %	GPM	LIQ. VOL. %
Helium	HE ₂		
Hydrogen Sulphide	H ₂ S		
Carbon Dioxide	CO ₂	.59	
Nitrogen	N ₂	.43	
Methane	C ₁	87.43	
Ethane	C ₂	7.02	
Propane	C ₃	2.79	.768
Iso Butane	IC ₄	.46	.150
Normal Butane	C ₄	.70	.221
Iso Pentane	IC ₅	.23	.084
Normal Pentane	C ₅	.17	.062
Hexane	C ₆	.13	.053
Heptane	C ₇	.05	.024
		100.00	1.362

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

REMARKS

[illegible]

HH	LB	ES	Res Eng - Test Section
SS	AJD	RHW	
KEJ	CLW	File	
JEG	HOX		