

TYPE ANALYSIS	Pod	Mass Spec.	Chromatograph	Other	Analysis No. 42823
Sample From Mesa Petroleum Co. - Berry Federal Com #1					
Owner				State New Mexico	County Eddy
Location of Field		Formation Cisco	Depth	From	To

Date Secured 1-9-79	Secured by Sappington	Department
Date Run 1-10-79	Run by Venable	Checked by
Source Press.	Bomb Press.	Source Temp.
		Atmos. Temp.

BTU @ 14.696	Actual	Calculated, Dry 1223.02	SP. GR. @ 14.696 & 60° F	Actual	Calculated .733
Hydrogen Sulphide as grs. H ₂ S/100 SCF	.00	Mercaptan as grs. Sulfur/100 SCF	.00	Total	.00
VAPOR PRESS. @ 100° F	Actual, Reid	Calculated			

COMPONENT	MOLE %	GPM	LIQ. VOL. %
Helium HE ₂			
Hydrogen Sulphide H ₂ S			
Carbon Dioxide CO ₂	.87		
Nitrogen N ₂	2.79		
Methane C ₁	79.71		
Ethane C ₂	8.91		
Propane C ₃	3.78	1.040	
Iso Butane IC ₄	.54	.177	
Normal Butane C ₄	1.22	.384	
Iso Pentane IC ₅	.40	.146	
Normal Pentane C ₅	.48	.174	
Hexane C ₆	.56	.230	
Heptane C ₇	.74	.359	
	100.00	.251	

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. 28, Twp 17, Rge 27