

HYDROCARBON ANALYSIS

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

PERMIAN DIVISION
LABORATORY

TYPE ANALYSIS	Pod	Mass Sp.	Chromatograph	Other	Analysis No. 43486
Sample From Langlie Greer Com. #1					
Owner Atlantic Richfield			State NM	County Lea	
Location or Field undergrated		Formation Dwonian	Depth	From	To

Date Secured 6-6-79	Secured by Hicks	Department
Date Run 6-6-79	Run by Venable	Checked by
Source Press.	Bomb Press.	Source Temp.
		Atmos. Temp.

BTU @ 14.696	Actual	Calculated, Dry	SP. GR. @ 14.696 & 60° F	Actual	Calculated
		1206.54			0.751
Hydrogen Sulphide as grs. H ₂ S/100 SCF	484.73	Mercaptan as grs. Sulfur/100 SCF	4.94	Total	489.67
					Sweet
VAPOR PRESS. @ 100° F	Actual, Field	Calculated			

COMPONENT		MOLE %	GPM	LIQ. VOL. %
Helium	HE ₂			
Hydrogen Sulphide	H ₂ S	0.77		
Carbon Dioxide	CO ₂	2.33		
Nitrogen	N ₂	2.71		
Methane	C ₁	71.04		
Ethane	C ₂	15.89		
Propane	C ₃	5.36	1.475	
Iso Butane	IC ₄	0.30	0.098	
Normal Butane	C ₄	1.18	0.372	
Iso Pentane	IC ₅	0.12	0.044	
Normal Pentane	C ₅	0.24	0.087	
Hexane	C ₆	0.06	0.025	
Heptane	C ₇			
		100.00	2.101	

DISTRIBUTION

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

REMARKS

HH	Res. Engr.-Test Section	CW
RJ	JW	HW
SS	LB	RW
FILE	AJD	ES