

TYPE ANALYSIS	Pod	Mass Spec.	Chromatograph	Other	Analysis No. 42357	
Sample From Cities Service State "P" Well #2						
Owner				State New Mexico	County Lea	
Location or Field			Formation Glorietta	Depth	From	To
Date Secured 10-4-78	Secured by Hicks			Department		
Date Run 10-4-78	Run by Witherspoon			Checked by		
Source Press.	Bomb Press.		Source Temp.		Atmos. Temp.	
BTU @ 14.696	Actual	Calculated, Dry 1171.98		SP. GR. @ 14.696 & 60° F	Actual	Calculated .680
Hydrogen Sulphide as grs. H ₂ S/100 SCF 5.54		Mercaptan as grs. Sulfur/100 SCF .80		Total	Sweet 6.34	
VAPOR PRESS. @ 100° F	Actual, Field		Calculated			

COMPONENT		MOLE %	GPM	LIQ. VOL. %
Helium	HE ₂			
Hydrogen Sulphide	H ₂ S	.01		
Carbon Dioxide	CO ₂			
Nitrogen	N ₂	2.31		
Ethane	C ₁	82.40		
Propane	C ₂	9.09		
Isobutane	C ₃	4.05	1.114	
Normal Butane	IC ₄	.43	.141	
Isopentane	C ₄	1.14	.359	
Normal Pentane	IC ₅	.24	.088	
Isopentane	C ₅	.27	.098	
Hexane	C ₆	.05	.021	
Heptane	C ₇	.01	.005	
		100.00	1.826	

DISTRIBUTION

HH TD 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. 32, Twp 22, Rge 38

1927-1928

OCT 19 1978

ALL INFORMATION CONTAINED
HEREIN IS UNCLASSIFIED
DATE 10/19/78 BY 1043