

SOUTHWESTERN LABORATORIES

1703 West Industrial — P. O. Box 2150

MIDLAND, TEXAS 79701

(915) 683-3348

Will Gresser

FRACTIONAL ANALYSIS REPORT

DATE RECEIVED 10/21/76

SAMPLE MARKED Cerf Federal No. 2 - F- 10-21-27

FILE NO. C-1902-G

Burton Flat, Strawn, 2092 lbs.

LAB. NO. 23456

SAMPLE FROM Monsanto Company *fs-10220-254*

DATE SECURED -----

DATE OF RUN 10/21/76

RECEIVED SECURED BY West Texas Con-
sulting Service

OCT 28 1976

O. C. C.
ARTESIA, OFFICE

CONDENSATE VALUES, G.P.M.

Propane

Butane

Gasoline

HEATING VALVE, B.T.U. Per Cu. Ft.*

Calculated from % Composition

Calculated water saturated

SULPHUR CONTENT, Grains Per 100 Cu. Ft.*

Hydrogen Sulfide

Mercaptans

SPECIFIC GRAVITY*

Calculated from % Composition

*14,696 lbs./sq. in., 60° F

1190

1169

0.685

COMPONENT	MOL. %	G. P. M.	LIQUID VOL. %
Oxygen			
Nitrogen	0.96		
Carbon Dioxide	0.29		
Methane	85.45		
Ethane	7.52		
Propane	2.83	0.777	
I-Butane	0.54	0.175	
N-Butane	0.83	0.261	
I-Pentane	0.31	0.113	
N-Pentane	0.23	0.083	
Hexanes	0.06	0.025	
Heptanes & Heavier **	0.98	0.451	
Hydrogen Sulfide *	None Det.		
Helium			
Hydrogen			
Carbon Monoxide			
TOTALS	100.00	1.886	

REMARKS * None Determined on Laboratory Sample, less than 4 grains/100 cu. ft.

** These components appear too high in relation to the pentane and hexane concentrations, A second run confirmed the concentrations.

COPIES: 3cc Monsanto Company

1cc West Texas Consulting Service, Inc.

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Jack H. Barton