

SOUTHWESTERN LABORATORIES

1703 West Industrial — P. O. Box 2150

MIDLAND, TEXAS 79701

(915) 683-3348

Bill Gresser

FRACTIONAL ANALYSIS REPORT

SAMPLE MARKED Cerf Federal No. 2 1-10-2-427
Durton Flat, Morrow, 1790 lbs.
 SAMPLE FROM Monsanto Company 11/11/76-450
 DATE OF RUN 10/21/76

DATE RECEIVED 10/21/76

FILE NO. C-1902-G

LAB. NO. 23457

DATE SECURED ----

SECURED BY West Texas Consult-
ing Service, Inc.

COMPONENT	MOL. %	G. P. M.	LIQUID VOL. %
Oxygen			
Nitrogen	0.13		
Carbon Dioxide	1.00		
Methane	95.21		
Ethane	2.42		
Propane	0.54	0.148	
I-Butane	0.07	0.023	
N-Butane	0.09	0.028	
I-Pentane	0.03	0.011	
N-Pentane	0.02	0.007	
Hexanes **	0.31	0.127	
Heptanes & Heavier **	0.13	0.060	
Hydrogen Sulfide *	None Det.		
Helium			
Hydrogen			
Carbon Monoxide			
TOTALS	100.00	0.404	

RECEIVED

OCT 28 1976

**G. E. 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

1047

1029

0.596

*14,696 lbs./sq. in., 60° F

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

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

COPIES: 3cc Monsanto Company

1cc West Texas Consulting Service, Inc.

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Jack H. Barton