

WOLF PETRO LAB, INC.

DIAL EMERSON 6-9701
DIAL EMERSON 6-7171

2411 WEST 42ND STREET

P. O. BOX 643
ODESSA, TEXAS

79760

HYDROCARBON ANALYSIS

LABORATORY REPORT

Charge Company, Volume
Test No. 7-25-75
Date of Run 8-22-75
Date Received 8-19-75

A Sample of Crude Oil from Lower Penrose No. 3
Secured from Santz Granite Wash Formation
At Lea County, New Mexico
Secured by _____
Date 7-25-75 Time _____
Purpose _____
Sampling Conditions _____

DISTILLATION

I B P	102 °F
5%	164 °F
10%	203 °F
20%	274 °F
30%	346 °F
40%	441 °F
50%	520 °F
60%	605 °F
70%	681 °F
75%	688 °F
80%	694 °F
85%	710 °F
90%	725 °F
95%	729 °F
End Point	731 °F
% Residue	2.00
% Recovery	98.00
Color	

YIELD

Gasoline 300°F	24.25 %
Gasoline 350°F	6.00 %
Gasoline 400°F	5.75 %
Total Gasoline	36.00 %
Kerosene 525°F	15.00 %
Diesel Fuel 650°F	14.25 %

ASTM OR SPECIAL TESTING

Ash Content	
Acid or Base Numbers	
B. S. & W. (Centrifuge)	
Carbon Residue	
Carbon Residue on 10% Residue	
Cloud and Pour Point to	°F
Doctor Test	
Flash Point (open or closed)	
Fire Point	
Gravity, A. P. I. Hydrometer	40.10 @ 60° F.
Hydrogen Sulfide (Crude Oil)	
Salt Content (Crude Oil)	.30418 % by Weight
Sulfur (lamp method)	
Vapor Pressure (Reid)	
Vapor Pressure (N.G.A.A.)	
Vapor Pressure (Lean Oil)	
Viscosity (Saybolt) 100°F	
Viscosity (Saybolt) 210°F	
Viscosity (Index No.)	

Ultra Violet = Indication of Non Association
with Drinkard Formation

Run by: J. Wolf Checked by: J. Wolf Approved: _____

Additional Data and Remarks

COPIES

5 - Mr. Van Temple
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Andrews, Texas 79714
1 - File