



PHILLIPS PETROLEUM COMPANY

Phillips Building, Room 622
Odessa, Texas 79761

November 11, 1976

Field Tests

RECEIVED

DEC 13 1976

O.C.C.
LABORATORY OFFICE

Mr. D. R. Clary
P. O. Box 1267
Odessa, Texas 79760

Dear Sir:

Listed below are results of the gas test that we ran on your lease in the Turkey Track Field in Eddy County, New Mexico.

<u>Lease</u>	<u>Wells</u>	<u>24-Hr. Oil Prod.</u>	<u>Daily Gas Vol. Mcf</u>	<u>GPM</u>	<u>GOR</u>
Turkey Track Section 3 Unit	#9	15.00	398	0.30(Est.)	26,533

Attached is a copy of the chromo analysis.

Thank you for your assistance in making it possible for us to test your lease.

Very truly yours,

Roger H. Sofge
cas

Roger H. Sofge

RHS:cas
Attachment

Analysis Results Summary

Location Odessa, Texas

Run No. 531
 Date Run 11-4-76
 Date Secured 11-3-76
 Time
 Sampler's Ident.

A Sample of: Casinghead Natural Gas - D. R. Clary

Secured from Well #9 - Turkey Track Section 3 Unit
 Location SE NE 3-19-29 County Eddy State New Mexico
 Purpose Survey Secured by EGC
 Sampling Conditions: Atmos. Temp. 54 °F; Pressure on Bomb 35 lbs./sq. in.; Bbls oil/day
 Volume, day : Weather conditions at time of sampling
 Field Gas Pressure PSIG; Line Pressure PSIG.

Chromo Analysis 14.65 PSI at 60°F

	Mol. %	Liq. %	Propane	Calc. G.P.M.	
Carbon Dioxide	.10		Iso-Butane	Calc. G.P.M.	1.005
Oxygen			Nor-Butane	Calc. G.P.M.	.127
Nitrogen	16.94		Pentane +	Calc. G.P.M.	.235
Hydrogen Sulfide	.01		Propane +	Calc. G.P.M.	.212
					1.579

Methane	65.85		Test Car (Date	
Ethane	11.75		B.T.U. cu. ft. W.B.	1011
Propane	3.66		Calc. Specific Gravity	.747
Iso Butane	.39		Calc. A.P.I. @ 60°F	
Nor Butane	.75		Observed A.P.I. Av.	

Iso-Pentane	.21		CO ₂ by Drager	0.10%
Nor-Pentane	.19		H ₂ S grains 100 cu. ft.	4 grs.
			Mercaptans gr 100 cu. ft.	

Hexanes	.11		Calc. Vap. Press. #/sq. in.	
Heptanes Plus	.04		Reid Vap. Press. #/sq. in.	

Total	100.00	100.00	Cu. Ft. gas Gal. Liq.	
			Calc. Gasoline Factors	

Run by BJ	Calculated by	26-70 Gasoline	0.
Checked by	Approved by	Excess Butane	0.
		Excess Propane	0.
		Excess Ethane & Lighter	0.
			1.0000

Additional Data and Remarks Turkey Track - Queen
 Conventional Trap
 Pumps on Butane

Distribution:

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O. C. C.
ARTESIA, OFFICE