



Home Office 707 N. Leech, P. O. Box 1499 / Hobbs, NM 88240 / Ph. 505/393-7751, TWX 910. 986-0010

No. 8139
 Run No. _____
 Date of Run 12-14-78
 Date Secured 12-12-78

CERTIFICATE OF ANALYSIS

A Sample of Osudo State Com #1
 Secured from Texas Oil & Gas Corporation Attn: Mr. Cecil Pierce
 At 900 Wilco Bldg. Secured by _____
Midland, Texas Time _____ Date _____
 Sampling conditions Press 500 psi Osudo N. Field 11375'
 Temp. _____ DST #1
Morrow Gas

FRACTIONAL ANALYSIS

Percentage Composition

	MOL %	LIQ. %	G.P.M.
Carbon Dioxide	.212		
Air			
Nitrogen	1.621		
Oxygen			
Hydrogen sulfide			
Hydrogen			
Methane	93.119		
Ethane	3.155		.841
Propane	1.010		.278
Butanes			
Iso-Butane	.149		.049
N-Butane	.315		.099
Pentanes			
Iso-Pentane	.105		.038
N-Pentane	.112		.040
Hexanes	.057		.023
Heptanes	.145		.062
Octanes			
TOTAL	100.000		1.430

Calc. Sp. Gr.— 0.6039
 Calc. A.P.I.— _____
 Calc. Vapor Press.— _____ PSIA
 Sp. Gr. _____
 Mol. Wt. 17.52

LIQUID CONTENT (GAL./MCF)

Propane Calc. G.P.M. .278
 Butanes Calc. G.P.M. .148
 Pentanes Plus. G.P.M. .163
 Ethane Calc. G.P.M. .841
 _____ RVP Gasoline G.P.M. _____
 B.T.U./Cu. Ft. @ 14,696 P.S.I.A.
 Dry Basis 1048
 Wet Basis 1030
 Sulfur Analysis by Titration
 Gr./100 Cu. Ft. _____
 Hydrogen Sulfide _____
 Mercaptans _____
 Sulfides _____
 Residual Sulfur _____
 Total Sulfur _____

Run by Deane Simpson Checked by _____ Approved by 

Additional Data and Remarks

