



GAS QUALITY TEST REPORT

COMPANY SELLER PEACOCK

STA. NO. _____

FIELD OR LOCATION WIND UNIT

CONTRACT NO. _____

SOURCE OR RESERVOIR SPN DEPTTEST DATE FEB 5, 71WELL OR STATION NAME SUPERIOR STATE #1LAB 4

COMPOUND COMPONENTS	COMPONENT SPECIFIC GRAVITY	COMPONENT MOL FRACTION	LIQUEFIABLE HYDROCARBONS	COMPONENT G. P. M.	MOL FRACTION	G. P. M. CONTENT
NITROGEN	.9672	.1413	PROPANE	27.514	.0284	.7814
CARBON DIOXIDE	1.5194	.0674	ISO-BUTANE	32.698	.0039	.1275
HELIUM	.1382	.0001	N-BUTANE	31.510	.0064	.2017
OXYGEN	1.1048	.0028	LPG -----			1.1106
HYDROGEN SULFIDE	1.1766		ISO-PENTANE	36.582	.0023	.0841
WATER VAPOR	.6220		N-PENTANE	36.213	.0017	.0616
HYDROCARBON DILUENTS			HEXANES	41.111	.0011	.0452
METHANE	.5539	.6864	HEPTANES +	46.126	.0006	.0277
ETHANE	1.0382	.0575	NATURAL GASOLINE -----			.2186
PROPANE	1.5225	.0284	TOTAL LIQUEFIABLE GPM			1.3292
ISO-BUTANE	2.0067	.0039	WATER VAPOR CONTENT:			
N-BUTANE	2.0067	.0064	Gas Mixture Static Pressure PSI			
ISO-PENTANE	2.4910	.0023	Hydrocarbon Dew Point °F			
N-PENTANE	2.4910	.0017	Water Vapor Dew Point °F			
HEXANES	2.9753	.0011	Lbs Water Vapor per MMCF			
HEPTANES +	3.4596	.0006	Conversion Constant			X 0.002095
COMPOSITION ----- 1.0000			Water Vapor Volume fraction			
			Moisture recorder reading			
			Make or type			

MIXTURE SPECIFIC GRAVITY:

Calculated From Analysis .7613Determined by Test Instrument .772Instrument Make or Type RANAREX

MIXTURE HEATING VALUE:

(Btu/cf at 14.73 Psia, 60°F, Sat.)

Calculated From Analysis 914

Determined by Calorimeter

Calorimeter Verified ()

SULFUR CONTENT:

H₂S - Hydrogen Sulfide, Gr./100 cf OVER 250.000

RSH - Mercaptans "

RSR - Sulfides "

RSSR - Residuals "

Total Sulfur, Gr./100 cf

H₂S Grains to fraction conversion

X .001572

H₂S Volume FractionCritical Pressure 672.2 Critical Temperature 375.5REMARKS O-25 GRAIN MSA TUBE TURNS COMPLETELY BLACK ON ONE PUMP, STANDARD, 10 PUMP / VOLUME TESTED

MEASUREMENT

AREA ROSEWELL

GAS

ANALYST ALSTON