

GAS QUALITY TEST REPORT

PRODUCER *POOL* ✓ STATION NO. 1534-1
 FIELD BITTER LAKES EFFECTIVE DATE 3-11-82
 RESERVOIR A30 LAB NUMBER 2
 STATION NAME EASTLAND ST #2

RECEIVED

FEB 09 1983

O. C. D.

ARTESIA OFFICE

COMPONENTS	SPECIFIC GRAVITY	MOLE FRACTION	LIQUEFIABLE HYDROCARBONS	COMPONENT GPM	GPM CONTENT
NITROGEN	.9672	.0474	PROPANE	37.514	.5306
CARBON DIOXIDE	1.5195	.0022	ISOBUTANE	32.698	.0954
HELIUM	.1382		N-BUTANE	31.510	.1762
OXYGEN	1.1048	.0000	ISOPENTANE	36.582	.0625
HYDROGEN SULFIDE	1.1766	.0000	N-PENTANE	36.313	.0620
WATER VAPOR	.6228	.0000	HEXANES	41.111	.0160
HYDROCARBON DILUENTS		.0496	HEPTANES+	46.126	.0499
METHANE	.5539	.8717	NATURAL GASOLINE		.1904
ETHANE	1.0382	.0460			
PROPANE	1.5225	.0193	TOTAL LIQUEFIABLE GPM		.9925
ISOBUTANE	2.0068	.0029			
N-BUTANE	2.0068	.0036	WATER VAPOR CONTENT:		
ISOPENTANE	2.4911	.0017	GAS MIXTURE STATIC PSIG		390.0
N-PENTANE	2.4911	.0017	FLOWING GAS TEMP (F)		63.0
HEXANES	2.9753	.0004	WATER VAPOR DEW POINT (F)		38.0
HEPTANES+	3.3807	.0011	LBS WATER VAPOR / MMCF		17.0
			INSTRUMENT TYPE		CHANDLER
			DEW INSTALLED (Y/N)		NO

MIXTURE SPECIFIC GRAVITY
 CALC. FROM ANAL. (REAL) .641
 DETERMINED BY TEST INST. .640

MIXTURE HEATING VALUE
 BTU/LB @ 14.73 PSIA, 60F, SAT. V
 CALCULATED FROM ANALYSIS 1046

ANALYZED BY CALORIMETRY NONE

SULFUR CONTENT (GR. PER 100 CF)
 HYDROGEN SULFIDE
 MERCAPTANS
 SULFIDES
 RESIDUALS
 TOTAL SULFUR
 MOLE FRACT H₂S

COMPRESSIBILITY .9976

DATE: 15 MAY 1982
 REMARKS: ID
 WIRE LOG NO. 1

ANALYST

Tommy K