



GAS QUALITY TEST REPORT

COMPANY SELLER CONTINENTAL STA. NO. NEW
FIELD OR LOCATION BELL LAKE CONTRACT NO. _____
SOURCE OR RESERVOIR MORROW TEST DATE 5/12/76
WELL OR STATION NAME BRADLEY A-1 LAB TW #1

COMPOUND COMPONENTS	COMPONENT SPECIFIC GRAVITY	COMPONENT MOL FRACTION	LIQUEFIABLE HYDROCARBONS	COMPONENT G. P. M.	MOL FRACTION	G. P. M. CONTENT
NITROGEN	.9672	. 0036	PROPANE	27.514	.	
CARBON DIOXIDE	1.5194	. 0029	ISO-BUTANE	32.698	.	
HELIUM	.1382	. 0001	N-BUTANE	31.510	.	
OXYGEN	1.1048	. 0000	LPG - - - - -			
HYDROGEN SULFIDE	1.1766	. 0000	ISO-PENTANE	36.582	.	
WATER VAPOR	.6220	. 0016	N-PENTANE	36.213	.	
HYDROCARBON DILUENTS		(. 0082)	HEXANES	41.111	.	
			HEPTANES +	46.126	.	
METHANE	.5539	. 9464	NATURAL GASOLINE - - - - -			
ETHANE	1.0382	. 0301	TOTAL LIQUEFIABLE GPM			
PROPANE	1.5225	. 0096	WATER VAPOR CONTENT: CALC.			
ISO-BUTANE	2.0067	. 0014	Gas Mixture Static Pressure PSI	<u>620</u>		
N-BUTANE	2.0067	. 0021	Hydrocarbon Dew Point °F	<u>97</u>		
ISO-PENTANE	2.4910	. 0007	Water Vapor Dew Point °F	<u>78</u>		
N-PENTANE	2.4910	. 0006	Lbs Water Vapor per MMCF	<u>78</u>		
HEXANES	2.9753	. 0006	Conversion Constant	<u>X 0.002095</u>		
HEPTANES +	3.4596	. 0003	Water Vapor Volume fraction	<u>.0016</u>		
			Moisture recorder reading	_____		
			Make or type	_____		

COMPOSITION - - - - - 1.0000

MIXTURE SPECIFIC GRAVITY:

Calculated From Analysis . 592
Determined by Test Instrument . 593
Instrument Make or Type RAWAREX

MIXTURE HEATING VALUE:

(Btu/cf at 14.73 Psia, 60°F, Sat.)

Calculated From Analysis 1042
Determined by Calorimeter _____
Calorimeter Verified (_____)

SULFUR CONTENT:

H₂S - Hydrogen Sulfide, Gr./100 cf .01
RSH - Mercaptans " .01
RSR - Sulfides " .04
RSSR - Residuals " .01
Total Sulfur, Gr./100 cf .07
H₂S Grains to fraction conversion X .001572
H₂S Volume Fraction .0000

Critical Pressure _____ Critical Temperature _____

REMARKS WELL ON TEST 3RD POINT 3.2 MMCF/D 6443 PSIG FWHPMEASUREMENT
AREA _____GAS
ANALYST WPA. [signature]