

3/26/04

OILGAS SERVICES INC.

401 NE 46th STREET
OKLAHOMA CITY, OK 73105
PHONE: 405-525-0577

LABORATORY REPORT NO. 403137
GAS ANALYSIS
PHYSICAL CONSTANTS PER GPA 2145-03

COMPANY:
PRODUCER: HUBER CORP.
LEASE: BURCH 10-17-29-12

DATE SAMPLED: 03/26/2004
EFFECTIVE DATE: //
STATION:

COMPONENT	MOLE%	GPM		
		14.73 PSIA		
HELIUM	0.6450			
OXYGEN	0.0298			
NITROGEN	4.5265		CALC. IDEAL SP. GR.	0.5832
CARBON DIOXIDE	1.2894		COMPRESSIBILITY (Z GAS)	0.9981
METHANE	93.3932		CALC. REAL GR.	0.5841
ETHANE	0.1135	0.030		
PROPANE	0.0026	0.001		
ISO-BUTANE	0.0000	0.000		
N-BUTANE	0.0000	0.000		
ISO-PENTANE	0.0000	0.000		
N-PENTANE	0.0000	0.000		
HEXANES PLUS	0.0000	0.000	FIELD H2O CONTENT	0.0 #/MMCF
H2S	0.0000		FIELD H2S CONTENT	0.0 PPM
TOTAL	100.0000			
ETHANE PLUS	0.1161	0.031		
PROPANE PLUS	0.0026	0.001		
BUTANES PLUS	0.0000	0.000		
PENTANES PLUS	0.0000	0.000		
26 PSI RVP GASOLINE		0.000		

(ALL VALUES CALCULATED @ 60 DEG.F)

-----	14.65	14.696	14.73	15.025
PRESSURE BASE				
IDEAL BTU (DRY)	942.4	945.3	947.5	966.5
IDEAL BTU (WET)	925.9	928.9	931.0	950.0
REAL BTU (DRY)	944.2	947.1	949.3	968.3
REAL BTU (WET)	927.7	930.7	932.8	951.8

SAMPLED BY: BOB EDWARDS
LOCATION:
COUNTY/STATE: ELK/KS
PRESSURE (PSI): 57
TEMP. (DEG.F): 60
CYLINDER NO.: 2372
AREA /
COMMENTS:

OILGAS SERVICES INC.

401 NE 46th STREET
OKLAHOMA CITY, OK 73105
PHONE: 405-525-0577

1-8-04

LABORATORY REPORT NO. 401035
GAS ANALYSIS
PHYSICAL CONSTANTS PER GPA 2145-03

COMPANY: HUBNER
PRODUCER:
LEASE: BURCH #10

DATE SAMPLED: 01/08/2004
EFFECTIVE DATE: //
STATION:

COMPONENT	MOLE%	GPM		
		14.73 PSIA		
HELIUM	0.5690			
OXYGEN	0.0278			
NITROGEN	4.5550		CALC. IDEAL SP. GR.	0.5806
CARBON DIOXIDE	0.9794		COMPRESSIBILITY (Z GAS)	0.9981
METHANE	93.7564		CALC. REAL GR.	0.5815
ETHANE	0.1094	0.029		
PROPANE	0.0030	0.001		
ISO-BUTANE	0.0000	0.000		
N-BUTANE	0.0000	0.000		
ISO-PENTANE	0.0000	0.000		
N-PENTANE	0.0000	0.000		
HEXANES PLUS	0.0000	0.000	FIELD H2O CONTENT	0.0 #/MMCF
H2S	0.0000		FIELD H2S CONTENT	0.0 PPM
TOTAL	100.0000			
ETHANE PLUS	0.1124	0.030		
PROPANE PLUS	0.0030	0.001		
BUTANES PLUS	0.0000	0.000		
PENTANES PLUS	0.0000	0.000		
26 PSI RVP GASOLINE		0.000		

(ALL VALUES CALCULATED @ 60 DEG.F)

PRESSURE BASE	14.65	14.696	14.73	15.025
IDEAL BTU (DRY)	946.0	949.0	951.1	970.2
IDEAL BTU (WET)	929.4	932.4	934.6	953.6
REAL BTU (DRY)	947.8	950.8	953.0	972.0
REAL BTU (WET)	931.2	934.2	936.4	955.4

SAMPLED BY: BOB EDWARDS
LOCATION:
COUNTY/STATE: ELK CO/KS
PRESSURE (PSIG): 70
TEMP. (DEG.F): 40
CYLINDER NO.: 2760
AREA /
COMMENTS: