

PRECISION SERVICE, INC.

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 P.O. BOX 2604 * ROSWELL, NEW MEXICO 88201 * (505) 622-9874

LET YOUR INTEREST IN MEASUREMENT BE OUR CONCERN

LABORATORY REPORT NUMBER 925-1
 GAS ANALYSIS

COMPANY: BENNETT & CATHEY
 PRODUCER: MURCHISON
 LEASE: OGDEN STATE #2

DATE SAMPLED 9/24/90
 DATE RUN 9/25/90
 STATION

COMPONENT MOLE % 14.696 PSIA 14.650 PSIA

NITROGEN	0.660		
CARBON DIOXIDE	0.480		
METHANE	93.471	*****	
ETHANE	3.925	1.047	1.044
PROPANE	0.825	0.227	0.226
ISO-BUTANE	0.153	0.050	0.050
N-BUTANE	0.162	0.051	0.051
ISO-PENTANE	0.067	0.024	0.024
N-PENTANE	0.039	0.014	0.014
HEXANES PLUS	0.219	0.095	0.095
TOTAL %	100.000		
ETHANE PLUS	5.389	1.508	1.504
PROPANE PLUS	1.464	0.461	0.460
BUTANES PLUS	0.639	0.234	0.234
PENTANES PLUS	0.325	0.133	0.133

TOTAL REAL BTU / CU. FT.	(DRY)	1062	1059
TOTAL REAL BTU / CU. FT.	(WET)	1044	1041

REAL SPECIFIC GRAVITY	0.602	Z FACTOR	0.9978
IDEAL SPECIFIC GRAVITY	0.601	MOLECULAR WEIGHT	17.3445

(ALL VALUES CALCULATED AT 60 DEG. F)

SAMPLED BY: MONTY RANDOLPH
 LOCATION:
 COUNTY:
 STATE: NEW MEXICO
 PRES. PSIG: 230
 TEMP(DEG F): 78
 FIELD GRAVITY:
 ZONE:
 VOLUME MCF/D: