

PRECISION SERVICE, INC.

P.O. BOX 3659 * CASPER, WYOMING 82602 * (307) 237-9327
 P.O. BOX 2604 * ROSWELL, NEW MEXICO 88201 * (505) 622-9874

LET YOUR INTEREST IN MEASUREMENT BE OUR CONCERN

LABORATORY REPORT NUMBER 1107-1
 GAS ANALYSIS

COMPANY: BENNETT & CATHEY WIRELINE DATE SAMPLED 11/06/90
 PRODUCER: SENDERO PETROLEUM DATE RUN 11/07/90
 LEASE: PRONG HORN FED. #1 STATION

COMPONENT	MOLE %	14.696 PSIA	14.650 PSIA
NITROGEN	1.089		
CARBON DIOXIDE	0.559		
METHANE	87.988	GPM *****	
ETHANE	5.781	1.542	1.538
PROPANE	2.136	0.587	0.585
ISO-BUTANE	0.393	0.128	0.128
N-BUTANE	0.762	0.240	0.239
ISO-PENTANE	0.274	0.100	0.100
N-PENTANE	0.286	0.103	0.103
HEXANES PLUS	0.733	0.318	0.317
TOTAL %	100.000		
ETHANE PLUS	10.364	3.018	3.010
PROPANE PLUS	4.584	1.476	1.472
BUTANES PLUS	2.448	0.889	0.887
PENTANES PLUS	1.294	0.521	0.520

TOTAL REAL BTU / CU. FT. (DRY)		1146	1142
TOTAL REAL BTU / CU. FT. (WET)		1126	1122
REAL SPECIFIC GRAVITY	0.661	Z FACTOR	0.9972
IDEAL SPECIFIC GRAVITY	0.660	MOLECULAR WEIGHT	19.0457

(ALL VALUES CALCULATED AT 60 DEG. F)

SAMPLED BY: BENNETT & CATHEY
 LOCATION: INDIAN BASIN
 COUNTY: EDDY
 STATE: NEW MEXICO
 PRES. PSIG: 65
 TEMP(DEG F): 60
 FIELD GRAVITY:
 ZONE: CISCO PENN
 VOLUME MCF/D:

RUN BY ... DONALD NORMAN