

FLOWING AND STATIC BOTTOM-HOLE PRESSURES OF
NATURAL GAS WELLS FROM SURFACE MEASUREMENTS
(VOLUMES AT 14.65 PSIA)

FIELD	: WILDCAT	BAROMETRIC PRESS	: 12.2 PSIA
RESERVOIR	: RATON-VERMEJO	RESERVOIR TEMP	: 87 F
TEST DATE	: 9-12-74	LENGTH FLOW STRING	: 1630 FT
WELL NAME	: NEW MEX R-2	DEPTH MIDPOINT PERF	: 1703 FT
FLOW STRING	: THP(1.995ID)	FRICTION FACT(1000)	: 0.177767 E-1
GAS GRAVITY	: 0.647 (AIR=1.000)	MOLE FRACTION CO2	: 0.0000
PRESS (PC)	: 670 PSIA	MOLE FRACTION N2	: 0.0000
TEMP (TC)	: 374 R	MOLE FRACTION H2S	: 0.0000

TYPE CALC	DURATION OF TEST HRS	WELLHEAD PRESS PSIG	WELLHEAD TEMP F	FLOW RATE MCFD	BHP PSIA	STATIC COLUMN PSIA	Z @ BHP	PF**2-PS**2 (PSIA)**2
S	72.000	549.0	60	0	585.9	561.2	0.905	/.....
P	2.000	491.0	60	134	525.2	503.3	0.000	/.....
P	2.000	447.0	60	198	479.3	459.5	0.000	/.....
P	2.000	376.0	60	261	405.3	388.8	0.000	/.....
P	2.000	229.0	60	255	252.0	242.0	0.000	/.....
P	12.000	62.0	60	22	83.7	80.5	0.000	/.....
S	0.250	157.0	60	0	176.1	169.2	0.971	/.....
S	0.500	130.0	60	0	200.1	192.2	0.966	/.....
S	0.750	199.0	60	0	219.9	211.2	0.962	/.....
S	24.000	457.0	60	0	489.5	469.2	0.920	/.....

FOR INFORMATION ONLY -