



EFTELLER, INC.

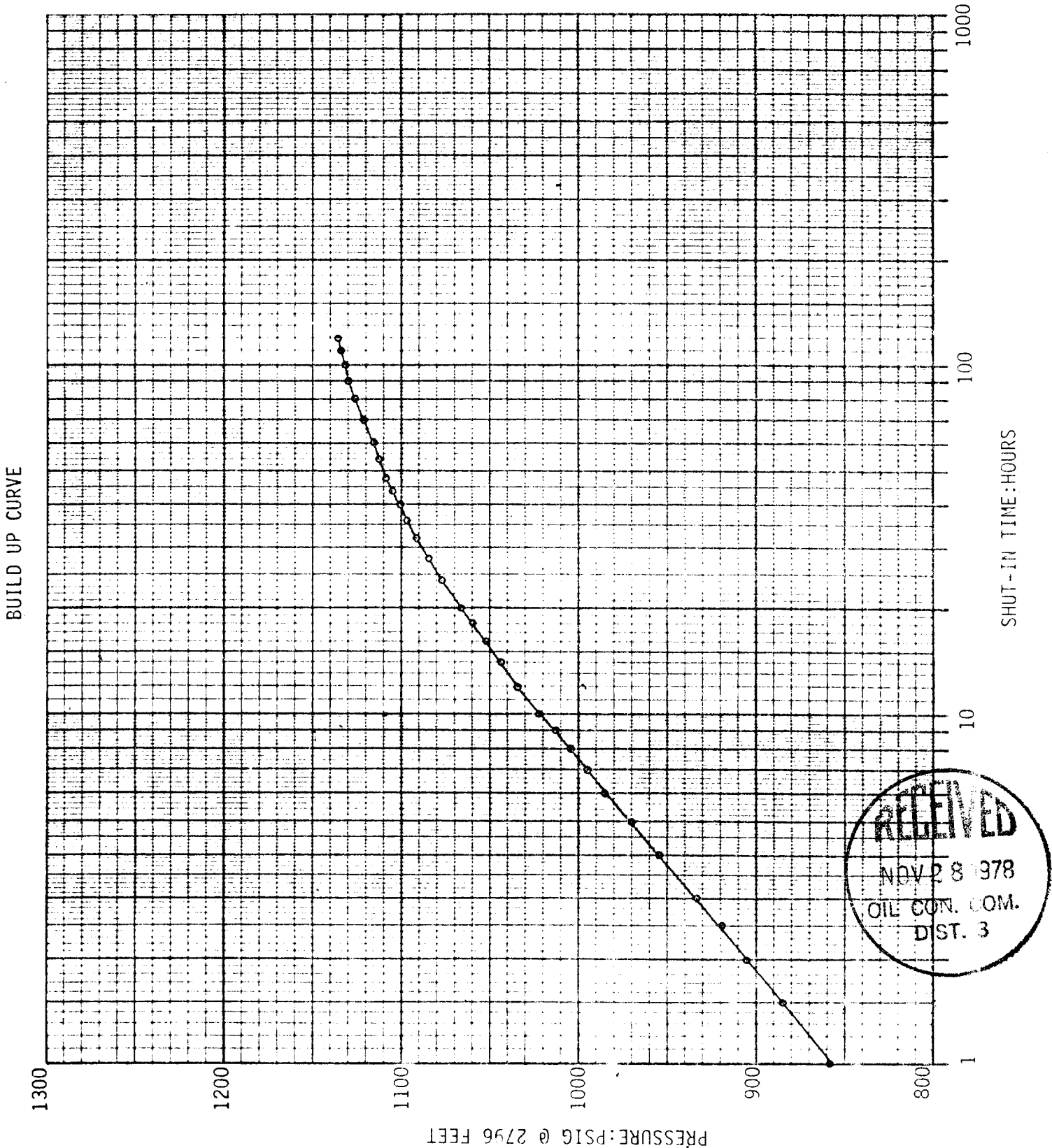
reservoir engineering data

MEDLAND, TEXAS

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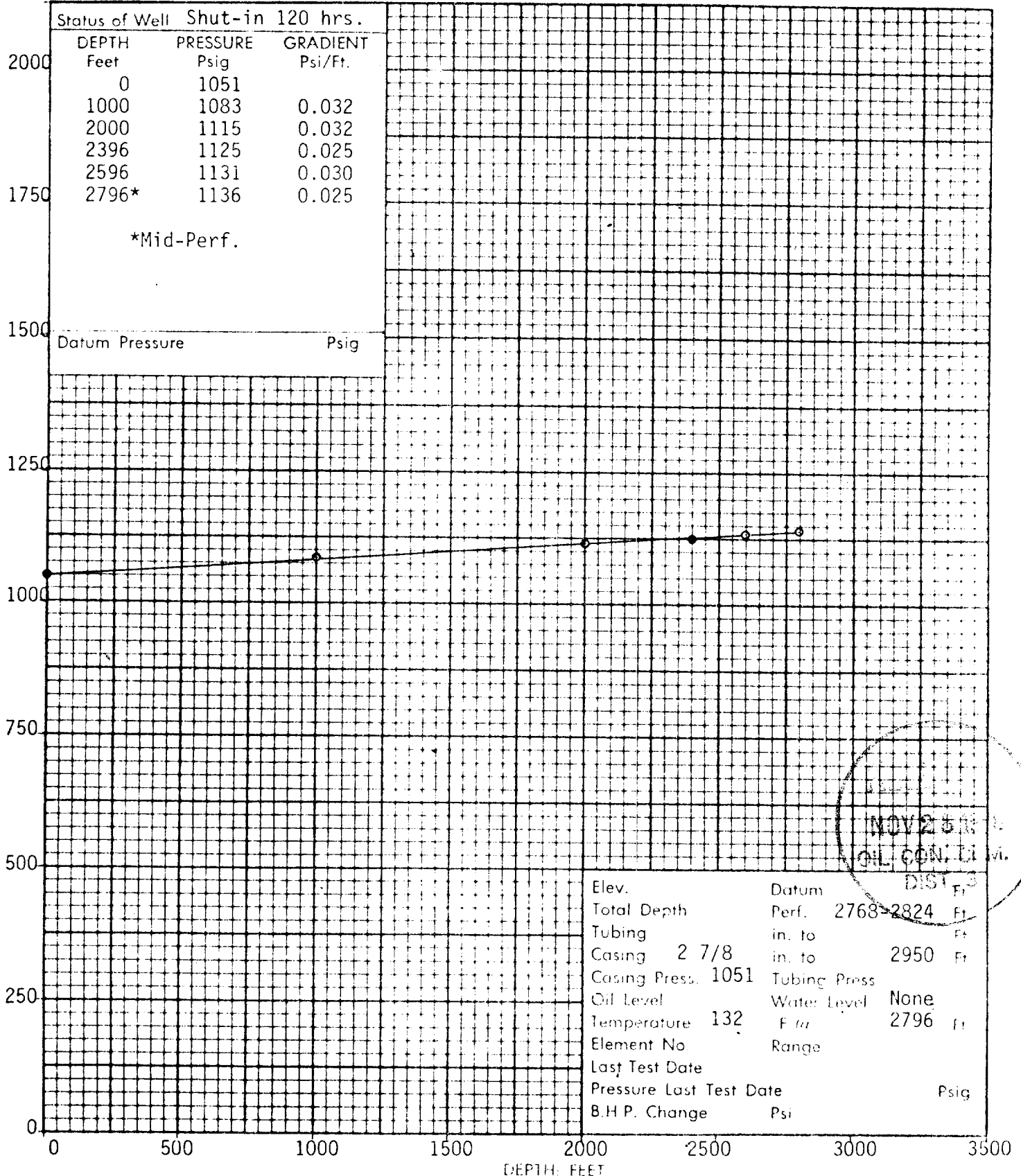
Company GREAT WESTERN DRILLING COMPANY
Well DECKER NO. 6-A
Field BLANCO PICTURED CLIFFS

Field No. PICTURED CLIFFS
County SAN JUAN
State NEW MEXICO





Company GREAT WESTERN DRILLING COMPANY Lease DECKER
Field BLANCO PICTURED CLIFFS County SAN JUAN Well No. 6-A
Formation PICTURED CLIFFS Test Date NOVEMBER 1, 1978 State NEW MEXICO



TEFTELLER, INC.
RESERVOIR ENGINEERING DATA
Midland, Texas

Well : DECKER 6-A

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Field : BLANCO PICTURED CLIFFS

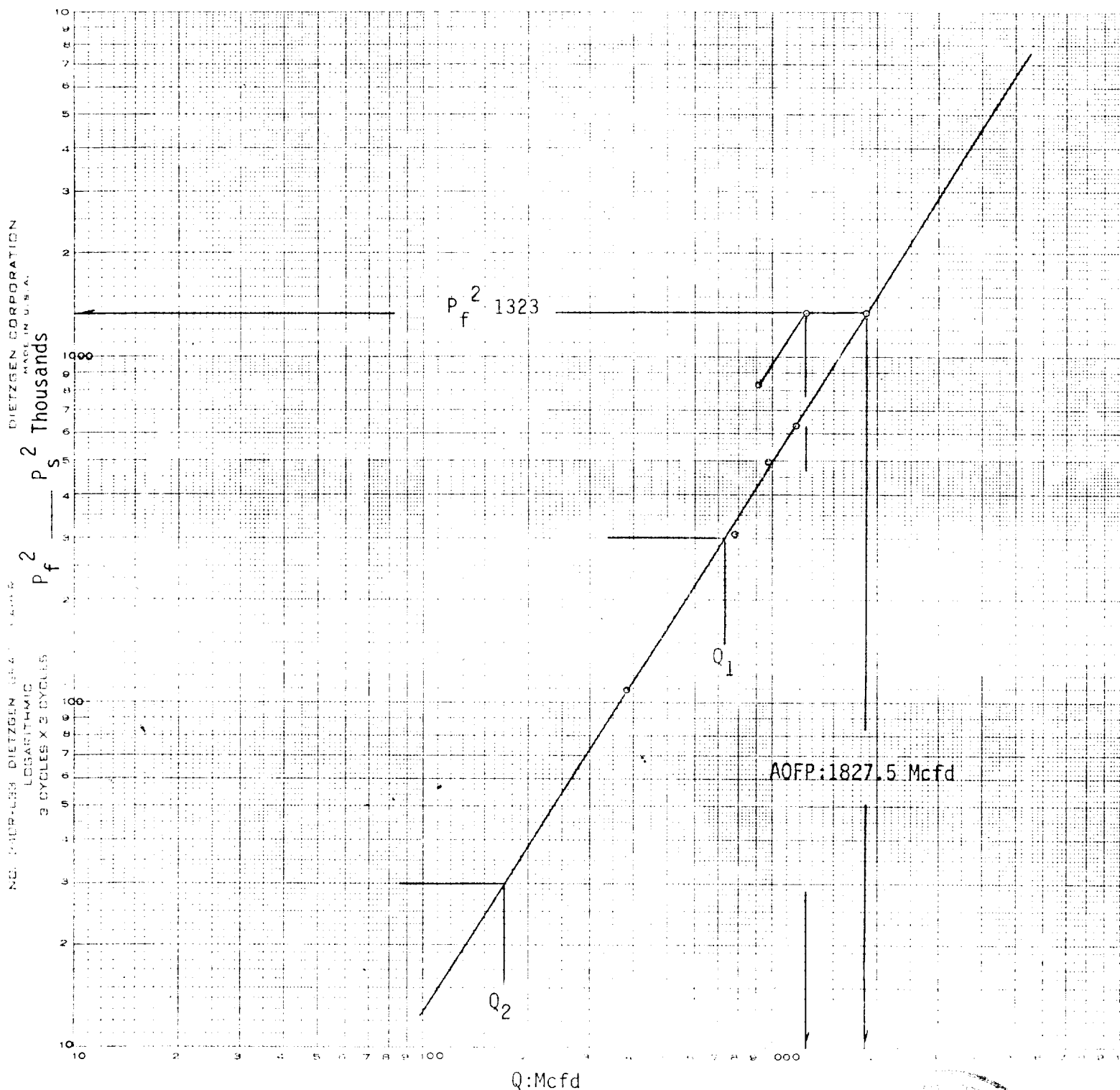
File 2-8942-OFP & BU

GAS PRODUCTION DATA

Date of Test	10-26-78	10-26-78	10-26-78	10-26-78	10-27-78
Rate No.	1	2	3	4	
Choke Size (Inch)	1/8	3/16	7/32	1/4	1/4
Stabilization Period (Hours)	2	2	2	2	1 4
Flow Time Used for Calculations (Hours)	Final	Final	Final	Final	Final
Size Line (Inch)	2	2	2	2	2
Size Orifice (Inch)	1/8	3/16	7/32	1/4	1/4
Flowing Temperature (°F)	47	54	45	45	48
Gas Gravity (Estimated)	.650	.650	.650	.650	.650
Temperature Base (°F)	60	60	60	60	60
Pressure Base (Psia)	15.065	15.065	15.065	15.065	15.065
Coefficient (MCF/D)	0.2648	0.6082	0.8393	1.087	1.087
Static Pressure (P _m) (Psia)	1023	929	830	762	623
Supercompressibility Factor (F _{py})	1.135	1.110	1.112	1.098	1.079
Flowing Temperature Factor (F _{tf})	1.013	1.006	1.015	1.015	1.012
Specific Gravity Factor (F _g)	1.240	1.240	1.240	1.240	1.240
GAS VOLUME (MCF/D)	386	782	975	1145	917
P _f	1150	1150	1150	1150	1150
P _s	1102	1002	908	831	701
P _f ² (Thousands)	1323	1323	1323	1323	1323
P _s ² (Thousands)	1214	1004	824	691	491
P _f ² - P _s ² (Thousands)	109	319	499	632	832



Well : 125 Petroleum Plaza Bldg.
 Field : Blanco Pictured Cliffs
 County : San Juan
 State : New Mexico
 Date : October 26 thru October 27, 1978



$$Q_1 = 730; \text{Log } Q_1 = 2.863323$$

$$Q_2 = 170; \text{Log } Q_2 = 2.230449$$

$$n = 0.632874$$

$$\theta = 57^\circ 40'$$

$$14 \text{ hours Adj. AOF P: } 1229.9 \text{ Mcfd}$$

