NEW MEXICO OIL CONSERVATION COMMISSION

MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Form C-122
Revised 9-1-65

Type Test: [x] Initial [ ] Annual [x] Special				Test Date: 1-27-82	
Company: Amoco Production Company			Connection: Southern Union Gas Co.		
Pool: Basin			Formation: Dakota		Unit
Completion Date: 1-8-82	Total Depth: 6602		Plug Back TD: 6560	Elevation: 6033 GL	Farm or Lease Name: M. N. Galt "H"
Csg. Size: 5.500 / Wt.: 15.5 / d: 4.950 / Set At: 6602			Perforations: From 6402 To 6520		Well No.: 1E
Tbg. Size: 2.063 / Wt.: 3.25 / d: 1.751 / Set At: 6509			Perforations: From open To ended		Unit: E / Sec.: 1 / Twp.: 27N / Rge.: 10W
Type Well – Single – Bradenhead – G.G. or G.O. Multiple: Dual			Packer Set At: 3200		County: San Juan
Producing Thru: Tubing	Reservoir Temp. °F:	Mean Annual Temp. °F	Baro. Press. – P_a		State: New Mexico
L	H	Gg	% CO_2	% N_2	% H_2S / Prover / Meter Run / Taps

FLOW DATA / TUBING DATA / CASING DATA

NO.	Prover Line Size	X	Orifice Size	Press. p.s.i.g.	Diff. h_w	Temp. °F	Tubing Press. p.s.i.g.	Tubing Temp. °F	Casing Press. p.s.i.g.	Casing Temp. °F	Duration of Flow
SI	12 Days						1273		x		
1.	2.375		.750				119		x		3 hrs
2.											
3.											
4.											
5.											

RATE OF FLOW CALCULATIONS

NO.	Coefficient (24 Hour)	$\sqrt{h_w P_m}$	Pressure P_m	Flow Temp. Factor Ft.	Gravity Factor Fg	Super Compress. Factor, Fpv	Rate of Flow Q, Mcfd
1	12.365		131	1.000	.9258	1.014	1521
2.							
3.							
4.							
5.							

NO.	P_t	Temp. °R	T_r	Z
1.				
2.				
3.				
4.				
5.				

Gas Liquid Hydrocarbon Ratio _____ Mcf/bbl.
A.P.I. Gravity of Liquid Hydrocarbons _____ Deg.
Specific Gravity Separator Gas _____ XXXXXXXXXX
Specific Gravity Flowing Fluid XXXXX _____
Critical Pressure _____ P.S.I.A. _____ P.S.I.A.
Critical Temperature _____ R _____ R

P_c 1285 P_c^2 1651225

NO	P_t	P_w	P_w^2	$P_c^2 - P_w^2$
1				
2		362	131044	1520181
3				
4				
5				

(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.0862$ (2) $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n = 1.0640$

AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n = 1618$

Absolute Open Flow 1618 Mcfd @ 15.025 | Angle of Slope θ _____ | Slope, n .75

Remarks: _____

Approved By Commission:	Conducted By:	Calculated By:	Checked By:
	J. J. Barnett	J. J. Barnett	