NEW MEXICO OIL CONSERVATION COMMSSION

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: 12-17-80	
Company: Amoco Production Company		Connection: El Paso Natural Gas Company			
Pool: Blanco		Formation: MesaVerde			Unit
Completion Date: 10-31-80	Total Depth: 8096		Plug Back TD: 8042	Elevation: 6905	Farm or Lease Name: Jicarilla Apache 102
Csg. Size: 7.000 / Wt.: 26 / d: 6.276	Set At: 8096		Perforations: From 5360 To 5898		Well No.: 8M
Tbg. Size: 2.063 / Wt.: 3.25 / d: 1.751	Set At: 5952		Perforations: From orange peel To perf sub.		Unit: I / Sec.: 3 / Twp.: ~~27N~~ 26N / Rge.: 4W
Type Well – Single – Bradenhead – G.G. or G.O. Multiple: dual			Packer Set At: 7820		County: Rio Arriba
Producing Thru: tubing	Reservoir Temp. °F: 0	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

NO.	Prover Line Size	X	Orifice Size	Press. p.s.i.g.	Diff. h_w	Temp. °F	TUBING DATA Press. p.s.i.g.	TUBING DATA Temp. °F	CASING DATA Press. p.s.i.g.	CASING DATA Temp. °F	Duration of Flow
SI	7 days						1015		1162		3 hrs
1.	2.375		.750				225		730		
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		237	1.000	.9608	1.024	2883
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 _____ XXXXXXXXX
Specific Gravity Flowing Fluid XXXXX _____
Critical Pressure _____ P.S.I.A. _____ P.S.I.A.
Critical Temperature _____ R _____ R

P_c 1174 P_c^2 1378276

NO	P_t^2	P_w	P_w^2	$P_c^2 - P_w^2$
1		742	550564	827712
2				
3				
4				
5				

(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.6652$ (2) $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n = 1.4659$

AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n = 4226$

Absolute Open Flow 4226 Mcfd @ 15.025 Angle of Slope θ _____ Slope, n .75

Remarks: flowed med. oil lite H_2O-flared

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