NEW MEXICO OIL CONSERVATION COMMSSION

MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Form C-122
Revised 9-1-65

Type Test: [XX] Initial [ ] Annual [ ] Special			Test Date: 7-6-76	
Company: AMOCO PRODUCTION COMPANY	Connection: El Paso Natural Gas Company			
Pool: Blanco	Formation: Mesaverde			Unit:
Completion Date: 6-28-76	Total Depth: 5082'	Plug Back TD: 5048'	Elevation: 5929'	Farm or Lease Name: E. E. Elliott "B"

Csg. Size	Wt.	d	Set At	Perforations:	Well No.
7.0	20	6.456	3020'	From 4282' To 5016'	3A

Tbg. Size	Wt.	d	Set At	Perforations:	Unit	Sec.	Twp.	Rge.
2.375	4.7	1.995	5016'	From Open To Ended	C	26	30	9

Type Well – Single – Bradenhead – G.G. or G.O. Multiple	Packer Set At	County
Single	None	San Juan

Producing Thru	Reservoir Temp. °F	Mean Annual Temp. °F	Baro. Press. – P_a	State
Tubing	90 @ TD	92°	12 psia	New Mexico

L	H	Gg	% CO_2	% N_2	% H_2S	Prover	Meter Run	Taps
4649		.650						

FLOW DATA					TUBING DATA		CASING DATA		Duration of Flow
NO.	Prover Line Size X	Orifice Size	Press. p.s.i.g.	Diff. h_w	Temp. °F	Press. p.s.i.g.	Temp. °F	Press. p.s.i.g.	Temp. °F	
SI	8 days					558		560		
1.		.750	225			225		485	60°	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		237	1.000	.9608	1.024	2883
2.							
3.							
4.							
5.							

NO.	P_r	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

JUL 30 1976 COM. DIST. 3

P_c 572 P_c^2 327184

NO	P_t^2	P_w	P_w^2	$P_c^2 - P_w^2$
1		497	247009	80175
2				
3				
4				
5				

(1) $\frac{P_c^2}{P_c^2 - P_w^2}$ = 4.0809

(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n$ = 2.8712

AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n$ = 8278

Absolute Open Flow 8278 Mcfd @ 15.025 | Angle of Slope θ _____ | Slope, n .75

Remarks: 4.500" liner set 2834-5080'.

Approved By Commission:	Conducted By:	Calculated By:	Checked By:
		T. M. Oliver	W. R. Cordill