

NEW MEXICO OIL CONSERVATION COMMISSION
MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Form C-122
Revised 9-1-65

Type Test ☒ Initial ☐ Annual ☐ Special						Test Date 1/11/78			
Company Amoco Production Company				Connection EL PASO NATURAL GAS COMPANY					
Pool Blanco				Formation Mesaverde				Unit	
Completion Date 1/4/78		Total Depth 5270		Plug Back TD 5233		Elevation 5873		Farm or Lease Name Holmberg Gas Com	
Csg. Size 7.000	Wt. 20	d 6.456	Set At 3040	Perforations: From 4249 To 5114		Well No. 1A			
Tbg. Size 2375	Wt. 4.7	d 1.995	Set At 5087	Perforations: From Open To Ended		Unit P	Sec. 28	Twp. 32	Rge. 10
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single						Packer Set At None		County San Juan	
Producing Thru Tubing		Reservoir Temp. °F a		Mean Annual Temp. °F		Baro. Press. - P _a		State New Mexico	
L	H	Gg .65	% CO ₂	% N ₂	% H ₂ S	Prover	Meter Run	Taps	

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.	
SI	7 days						714		716	
1.	2.375	0.750					215	60	550	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		227	1.000	.9608	1.023	2759
2.							
3.							
4.							
5.							

NO.	P _t	Temp. °R	T _f	Z	Gas Liquid Hydrocarbon Ratio _____ Mcf/bbl.
1					A.P.I. Gravity of Liquid Hydrocarbons _____ Deg.
2.					Specific Gravity Separator Gas _____ XXXXXXXXXX
3.					Specific Gravity Flowing Fluid _____ XXXXX
4.					Critical Pressure _____ P.S.I.A. _____ P.S.I.A.
5.					Critical Temperature _____ R _____ R

P _c 728	P _c ² 529984	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = \underline{2.4749}$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = \underline{1.9732}$	
NO.	P _t ²	P _w	P _w ²	P _c ² - P _w ²
1		562	315844	214140
2				
3				
4				
5				

Absolute Open Flow 5444 Mcfd @ 15.025		Angle of Slope θ _____	Slope, n .75
Remarks: 4.5" 10.5# Liner Set @ 2833'-5270'			
Approved By Commission:	Conducted By: T. M. Oliver	Calculated By: TMO/WRB	Checked By: J. L. Krupka