

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 12/28/77			
Company Amoco Production Company				Connection EL PASO NATURAL GAS COMPANY					
Pool Blanco				Formation Mesa Verde				Unit	
Completion Date 12/28/77		Total Depth 4925		Plug Back TD 4853		Elevation 5862		Farm or Lease Name Jaquez Gas Com C	
Csg. Size 7.000	Wt. 20	d 6.456	Set At 2776	Perforations: From 3945 To 4739		Well No. 1A			
Tub. Size 2.375	Wt. 4.7	d 1.995	Set At 4732	Perforations: From Open To Ended		Unit K	Sec. 6	Twp. 29	Rge. 9
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single						Packer Set At None		County San Juan	
Producing Thru Tubing		Reservoir Temp. °F @		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						783		842	
1.	2.375	0.750					170		615	60
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		182	1.000	.9608	1.017	2199
2.							
3.							
4.							
5.							

NO.	P _t	Temp. °R	T _r	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 _____ XXXXXX
4.					Critical Pressure _____ P.S.I.A. _____ P.S.I.A.
5.					Critical Temperature _____ R _____ R

P _c 854	P _c ² 729316	
NO.	P _t ²	P _w ²
1	627	393129
2		
3		
4		
5		

$$(1) \frac{P_c^2}{P_c^2 - P_w^2} = 2.1694$$

$$AOF = Q \left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 3931$$

$$(2) \left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.7875$$

Absolute Open Flow **3931** Mcfd @ 15.025 Angle of Slope θ _____ Slope, n **.75**

Remarks: _____

Approved By Commission:	Conducted By: T. M. Oliver	Calculated By: TMO/WRB	Checked By: J. L. Krupka
-------------------------	--------------------------------------	----------------------------------	------------------------------------