

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

Form C-122
Revised 9-7-65

Type Test ☒ Initial ☐ Annual ☒ Special						Test Date 1-6-81			
Company Amoco Production Company						Connection Northwest Pipeline			
Pool Otero						Formation Chacra			
Completion Date 11-14-80		Total Depth 7520		Plug Back TD 7488		Elevation 6687		Farm or Lease Name Jicarilla Contract 155	
Csg. Size 7.000	Wt. 23	d 6.366	Set At 7520	Perforations: From 3952 To 4047		Well No. 20E			
Tng. Size 2.063	Wt. 3.4	d	Set At 1.751	Perforations: From Open To ended		Unit C	Sec. 29	Twp. 26W	Rge. 5W
Type Well - Single - Bradenhead - G.C. or G.O. Multiple dual						Packer Set At 7215		County Rio Arriba	
Producing Thru tubing		Reservoir Temp. °F p		Mean Annual Temp. °F		Baro. Press. - P _a		State New Mexico	
L	H	Gg	% 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.	Temp. °F	
SI	7 days						930		935		
1.	2.375		.750				96		274		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 F _t	Gravity Factor F _g	Super Compress. Factor, F _{pv}	Rate of Flow Q, Mcfd
1	12.365		108	1.000	.9608	1.010	1296
2.							
3.							
4.							
5.							

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

P _c 947	P _c ² 896809	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.1004$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.0744$
NO.	P _t	P _w	P _w ²
1		286	81796
2			
3			
4			
5			

Absolute Open Flow 1392		Mcf @ 15.025		Angle of Slope θ _____		Slope, n .75	
Remarks: dry flow							
Approved by Commission		Conducted By: JJB		Calculated By: J. J. Barnett		Checked By:	