

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 10-14-83	
Company Amoco Production Company				Connection Not Dedicated			
Pool Conchos Blanco				Formation Mesaverde		Unit	
Completion Date 09-16-83		Total Depth 5434'		Plug Back TD 5380'		Elevation 6648GL	
Farm or Lease Name Jicarilla Contract 146							
Csq. Size 4.500	Wt. 11.6	d 4.000	Set At 5435	Perforations: From 5120 To 5350		Well No. 40	
Tbg. Size 2.375	Wt. 4.7	d 1.995	Set At 5336	Perforations: From Open To Ended		Unit Sec. Twp. Rye. N 3 25 5	
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single				Packer Set At None		County Rio Arriba	
Producing Thru Tubing		Reservoir Temp. °F #		Mean Annual Temp. °F		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.	
Sl	20 days						924		1212	
1.	2.375	.750					260		604	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		272	1.000	.9258	1.032	3213
2.							
3.							
4.							
5.							

NO.	P _f	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 _____ 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 1224	P _c ² 1498176	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.3392$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.2449$	
NO.	P _f	P _w	P _w ²	P _c ² - P _w ²
1		616	379456	1118720
2				
3				
4				
5				

Absolute Open Flow 4000		Mold # 15.025	Angle of Slope θ _____	Slope, n .75
Remarks: X Heavy oil - lite H2O				
Approved By Commissioner	Conducted By J.J. Barnett	Calculated By J.J. Barnett	Checked By	