

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 2-10-81	
Company Amoco Production Company				Connection Gas Company of New Mexico			
Pool Basin				Formation Dakota		Unit	
Completion Date 1-13-81		Total Depth 7477		Plug Back TD 7360		Elevation 6720	
Farm or Lease Name Jicarilla Contract 147							
Csg. Size 4.500	Wt. 11.6	d 4.000	Set At 7477	Perforations: From 7118 To 7302		Well No. 7E	
Tfg. Size 2.375	Wt. 4.7	d 1.995	Set At 7291	Perforations: From open To ended		Unit C	Sec. 8
Type Well - Single - Bradenhead - G.C. or G.O. Multiple single				Packer Set At none		County Rio Arriba	
Producing Thru tubing		Reservoir Temp. °F 9		Mean Annual Temp. °F		State New Mexico	
L	H	Gg	% CO ₂	% N ₂	% H ₂ S	Prover	Meter Run
FLOW DATA				TUBING DATA		CASING DATA	
NO.	Prover Line Size	X	Orifice Size	Press. p.s.i.g.	Diff. h _w	Temp. °F	Duration of Flow
1	11 days						
2	2.375	.750					3 hrs
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, F _{sp}	Rate of Flow Q, Mcfd
1	12.365		96	1.000	.9258	1.010	1110
2							1110
3							
4							
5							
NO.	P _r	Temp. °R	T _r	Z	Gas Liquid Hydrocarbon Ratio _____ Mcf/bbl. A.P.I. Gravity of Liquid Hydrocarbons _____ Deg. Specific Gravity Separator Gas _____ Specific Gravity Flowing Fluid _____ Critical Pressure _____ P.S.I.A. Critical Temperature _____ °R		
1					FEB 18 1981 CHL COR COR. XXX XXX XXX DIST. 3		
2							
3							
4							
5							
P _c 1752 P _c ² 3069504							
NO.	P _r	P _w	P _w ²	P _c ² - P _w ²	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.0804$ (2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.0597$		
1		478	228484	2841020			
2							
3							
4							
5							
Absolute Open Flow 1176 Mcfd @ 15.025 Angle of Slope @ _____ Slope, n .75							
Remarks: Light spray H ₂ O							
Approved by Comptroller		Conducted By JJB		Calculated By J. J. BARNETT		Checked By 	