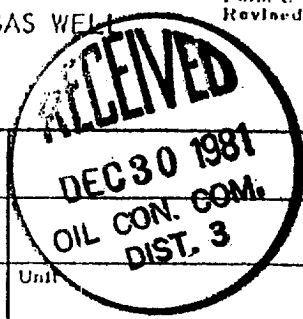


NEW MEXICO OIL CONSERVATION COMMISSION
MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELLS

Form C-122
Revised 9-1-65



Type Test ☒ Initial ☐ Annual ☒ Special						Test Date 12-10-81	
Company Amoco Production Company				Connection El Paso Natural Gas Company			
Pool Gonzales				Formation Mesaverde		Unit	
Completion Date 10-14-81		Total Depth 5605		Plug Back TD 5562		Elevation 6883 GL	
Farm or Lease Name Jicarilla Contract 146							
Csg. Size 5.500	Wt. 14	d 5.012	Set At 5605	Perforations: From 5336 To 5519		Well No. 33	
Thg. Size 2.063	Wt. 3.25	d 1.751	Set At 5516	Perforations: From open To ended		Unit Soc. Twp. Rge. P 10 25N 5W	
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Dual				Packer Set At 4083		County Rio Arriba	
Producing Thru Tubing		Reservoir Temp. °F @		Mean Annual Temp. °F		Baro. Press. - P _a	
State New Mexico							
L	H	G _q	% 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						629		X	
1.	2.375	.750					15		X	
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		27	1.000	.9608	1.004	322
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 641	P _c ² 410881	
NO	P _f ²	P _w ²
1		70 4900
2		
3		
4		
5		

(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.0121$

AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 325$

(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.0090$

Absolute Open Flow 325	Mcf @ 15.025	Angle of Slope θ	Slope, n .75
------------------------	--------------	------------------	--------------

Remarks:

Approved By Commission	Conducted By J. J. Barnett	Calculated By J. J. Barnett	Checked By 93
------------------------	-------------------------------	--------------------------------	------------------