

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 10-26-83	
Company Amoco Production Company				Connection Gas Company of New Mexico		
Pool Blanco				Formation Mesaverde		Unit
Completion Date 10-3-83		Total Depth 6205		Plug Back TD 6140		Elevation 7126 GL
Farm or Lease Name Jicarilla Apace 102						
Csg. Size 4.500	Wt. 10.5	d 4.052	Set At 6205	Perforations: From 5486 To 6088		Well No. 15A
Thq. Size 2.375	Wt. 4.7	d 1.995	Set At 6112	Perforations: From open To ended		Unit Sec. Twp. Rye. L 9 26 4
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single				Packer Set At None		County Rio Arriba
Producing Thru Tubing		Reservoir Temp. °F θ		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.	Temp. °F
SI	12 Days						622		1125	
1.	2.375		.750				196		686	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, Mhd
1	12.365		208	1.000	.9258	1.026	2443
2.							
3.							
4.							
5.							

NO.	P _r	Temp. °R	T _r	Z	Gas Liquid Hydrocarbon Ratio	A.P.L. Gravity of Liquid Hydrocarbons	Specific Gravity Separator Gas	Specific Gravity Flowing Fluid	Critical Pressure	Critical Temperature
1.										
2.										
3.										
4.										
5.										

NO.	P _r	P _w	P _c	P _c ² - P _w ²	(1) $\frac{P_c^2}{P_c^2 - P_w^2} =$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n =$
1		698	1137	487204	1.6048	1.4258
2				305565		
3						
4						
5						

Absolute Open Flow <u>3483</u> Mhd @ 15.025 Angle of Slope θ _____ Slope, n <u>.75</u>			
He notes: <u>Medium spray of water, flared</u>			
Approved by _____		Checked by _____	
Date _____		Date _____	