

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 10/13/77	
Company Amoco Production Company				Connection Gas Company Of New Mexico		
Pool Tapacito				Formation Pictured Cliffs		Unit
Completion Date 10/5/77		Total Depth 3810		Plug Back TD 3766		Elevation 6895 est.
Farm or Lease Name Jicarilla Apache 102						Well No. 24
Csg. Size 4.500	Wt. 10.5	d 4.052	Set At 3812	Perforations: From 3632 To 3702		Unit Sec. Twp. Rge. P 3 26 4
Tbg. Size 1.660	Wt. 2.3	d 1.380	Set At 3714	Perforations: From Open To Ended		County Rio Arriba
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single				Packer Set At None		State New Mexico
Producing Thru 1-1/4 Tbg.		Reservoir Temp. °F @		Mean Annual Temp. °F		Baro. Press. - P _a
L	H	Gg .60	% 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						1002		1003	
1.	2.375"		0.750				200		820	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		212	1.000	.9608	1.023	2577
2.							
3.							
4.							
5.							

NO.	P _r	Temp. °R	T _r	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 1015	P _c ² 1030225	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = \mathbf{3.0480}$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = \mathbf{2.5788}$
NO.	P _t ²	P _w	P _w ²
1		832	692224
2			
3			
4			
5			

Absolute Open Flow 6645 Mcfd @ 15.025		Angle of Slope θ _____	Slope, n .85
Remarks: _____			

Approved By Commission:	Conducted By: T. M. Oliver	Calculated By: TMO/MJF	Checked By: J. L. Kurpka
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