

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 1/4/78	
Company Amoco Production Company				Connection		
Pool Chosa Mesa				Formation Pictured Cliffs		Unit
Completion Date 1-4-78		Total Depth 4475		Plug Back TD 4409		Elevation 7320
Farm or Lease Name Valencia Canyon Unit						
Csg. Size 4.500	Wt. 11.6	d 4.000	Set At 4475	Perforations: From 4077 To 4334		Well No. 9
Tbg. Size 2.375	Wt. 4.7	d 1.995	Set At 4329	Perforations: From Open To Ended		Unit Sec. Twp. Rge. P 15 28 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 @		Mean Annual Temp. °F		State New Mexico
L	H	Gg .65	% 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	7 days						958		958		
1.	2.375		0.750				200		600	60	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	1.021	2572
2.							
3.							
4.							
5.							

NO.	P _t	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.	970	940900			Critical Temperature _____ R _____ R

NO.	P _t ²	P _w ²	P _c ²	P _c ² - P _w ²	$(1) \frac{P_c^2}{P_c^2 - P_w^2} = 1.6613$ $(2) \left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.5395$ $AOF = Q \left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 3960$
1					
2					
3					
4					

Absolute Open Flow 3960 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. Krapka
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