

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 12/27/77	
Company Amoco Production Company				Connection		
Pool Chosa Mesa				Formation Pictured Cliffs		Unit
Completion Date 12/27/77		Total Depth 4432		Plug Back TD 4382	Elevation 7305	Farm or Lease Name Valencia Canyon Unit
Csg. Size 4.500	Wt. 10.5	d 4.052	Set At 4432	Perforations: From 4090 To 4296		Well No. 6
Thg. Size 2.375	Wt. 7.4	d 1.995	Set At 4132	Perforations: From Open To Ended		Unit H Sec. 35 Twp. 28 Rye. 4
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single				Packer Set At		County Rio Arriba
Producing Thru Tubing		Reservoir Temp. °F	Mean Annual Temp. °F	Baro. Press. - P _a 12		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.	
SI	7 days						671		806	
1.	2.375	0.500					275		390	24 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	Flowing with 275# back pressure on tubing						143
2.							
3.							
4.							
5.							

NO.	P _t	Temp. °R	T _t	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 818	P _c ² 669124			(1) $\frac{P_c^2}{P_c^2 - P_w^2} = \underline{1.3184}$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = \underline{1.2649}$
NO.	P _t ²	P _w	P _w ²	P _c ² - P _w ²	
1		402	161604	507520	
2					
3					
4					
5					

Absolute Open Flow 181 Mcfd @ 15.025				Angle of Slope θ _____	Slope, n .85
Remarks: Bridge Plug Set At 4190					
Approved By Commission:		Conducted By: T. M. Oliver		Calculated By: TMO/MJF	
				Checked By: J. L. Krupka	