

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

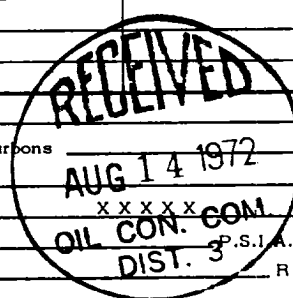
Form C-122
 Revised 9-1-65

Type Test ☒ Initial ☐ Annual ☐ Special					Test Date 8-3-72	
Company AMOCO PRODUCTION COMPANY				Connection None		
Pool Aztec				Formation Pictured Cliffs Ext.		Unit
Completion Date 7-27-72		Total Depth 2185		Plug Back TD 2136		Elevation 5620 Gr.
Csg. Size 4-1/2"		Wt. 9.5	d 4.090	Set At 2180	Perforations: From 2042 To 2084	
Tbg. Size 1-1/4"		Wt. 2.33	d 1.380	Set At 2085	Perforations: From Open To Ended	
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single				Packer Set At None		County San Juan
Producing Thru Tbg.		Reservoir Temp. °F @		Mean Annual Temp. °F 60° est.		Baro. Press. - P _a 12 est.
L		H	G _g .650	% 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 XOXOX Size Choke	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					698		701	
1.	2"	.750				107	60 est.	359	
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 F _g	Super Compress. Factor, F _{pv}	Rate of Flow Q, Mcfd
1	12.3650		119	1.000	.9608	1.011	1429
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	XXXXXXX
3.					Specific Gravity Flowing Fluid	XXXXX
4.					Critical Pressure	P.S.I.A.
5.					Critical Temperature	R



P _c 713	P _c ² 508369	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.371$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.307$
NO.	P _t ²	P _w	P _w ²
1		371	137641
2			
3			
4			
5			

Absolute Open Flow 1868 Mcfd @ 15.025		Angle of Slope θ	Slope, n .85
Remarks:			
Approved By Commission:	Conducted By: B. D. Dukes	Calculated By: P. C. Ellison	Checked By: J. W. Calvin