

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 4-27-69	
Company Aztec Oil & Gas				Connection EDNG	
Pool Aztec				Formation Pictured Cliff	
Completion Date 4-20-69		Total Depth 2380		Plug Back TD 2371	
Casc. Size 4.5		Set At 2371		Elevation 5879 gr	
Fec. Size 1.315		Set At 2247		Perforations: From 2243 To 2282	
Type Well - Single - Broadhead - G.G. or G.O. Multiple				Packer Set At	
Producing Thru		Reservoir Temp. °F		Mean Annual Temp. °F	
L		H		Baro. Press. - P _a	
Gg		% CO ₂		% N ₂	
Prover		Meter Run		Taps	
Farm or Lease Name Reid A					
Well No. 3					
Unit Sec. Twp. Rge. 14 13 29 10					
County San Juan					
State New Mexico					

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	
1	2	π	3/4				673		673		
2							36		26		
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	12.365		38	1.000	9258	1.004	437
2							
3							
4							
5							

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

NO.	P _t ²	P _w	P _w ²	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	1444	38	1530	467695	1.6966	1.5672
2						
3						
4						
5						

Absolute Open Flow <u>685</u> Mcfd @ 15.025				Angle of Slope θ		Slope, n	
Remarks:							
Approved By Commission:		Conducted By:		Calculated By:		Checked By:	

