

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

Form C-122
 Revised 9-1-55

Type Test ☒ Initial ☐ Annual ☐ Special					Test Date 7-17-73	
Company Aztec Oil & Gas Company				Connection El Paso Natural Gas Company		
Pool Blanco				Formation Mesaverde		Unit
Completion Date 7-7-73		Total Depth 5538'		Plug Back TD 5470'		Elevation 6343 GR
Csg. Size 4 1/2"	Wt. 10.50#	d 	Set At 5490'	Perforations: From 5334 To 5430		Well No. #1
Tbg. Size 1 1/2"	Wt. 2.90#	d 	Set At 5373'	Perforations: From ---- To ----		Unit Sec. Twp. Rge. H 15 32N 11W
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single				Packer Set At 4506'		County San Juan
Producing Thru Tubing		Reservoir Temp. °F @		Mean Annual Temp. °F 		State New Mexico
L	H	Gg	% 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							458		460		72
1.	2"		3/4"				71		341		3 Hours
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		71	1.0000	.9258	1.0000	813
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 460	P _c ² 211,600	(1) $\frac{P_c^2}{P_e^2 - R_w^2} = 2.2199$	(2) $\left[\frac{P_c^2}{P_e^2 - R_w^2} \right]^n = 1.8186$
NO.	P _t ²	P _w	R _w ²
1		341	116,281
2			
3			
4			
5			

Absolute Open Flow <u>1,479</u> Mcfd @ 15.025		Angle of Slope ϕ _____
Remarks: _____		

Approved By Commission: JUL 25 1973	Conducted By:	Calculated By: <i>Jim C. Anderson</i>	Checked By:
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