

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 10-8-68	
Company Aztec Oil and Gas			Connection El Paso Natural Gas		
Pool Basin			Formation Del Norte		Unit
Completion Date 9-26-68		Total Depth 8280	Perforation 8279	Elevation 6682 Gr	Farm or Lease Name Quintana Mesa
Cas. Size 5 1/2" (3 1/2" liner @ 6895-8227) - 7045	Wt. d	Set At 8227	Perforation From 8192 To 8283	Well No.	
Cas. Size 1 1/2"	Wt. 2.9	d 1.99	Set At 8227	From open end To	Unit Sec. Twp. Rge. M 29 32N 5W
Type Well - Single - Bradenhead - G.G. or G.O. Multiple				County Rio Arriba	
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	2		3/4				2620		2620		
1.							237		1003		3 hr
2.											
3.											
4.											
5.											

RATE OF FLOW CALCULATIONS							
NO.	Coefficient (24 Hour)	$\sqrt{h_w P_{ni}}$	Pressure p.s.i.g.	Flow Temp. Factor F _t	Gravity Factor F _g	Super. Factor F _{pv}	Rate of Flow G, Mscf/d
1	12.365		116	1.000	.9258	1.014	1730
2							
3							
4							
5							

NO.	P _r	Temp. T _r	Gas Liquid Hydrocarbon Ratio _____ Mcf/bbl.	
			A.P.I. Gravity of Liquid Hydrocarbons _____ Deg.	
			Specific Gravity Separator Gas _____ X X X X X X X X	
			Specific Gravity Floating Solid _____ X X X X X	
			Critical Pressure _____ P.S.I.A. _____ P.S.I.A.	
		Critical Temperature _____ R _____ R		

$Q = \frac{1.0219}{\left[\frac{P_r^2}{P_w^2 - P_r^2} \right]^n} = 1.0219$	
$Q = \frac{1.767}{\left[\frac{P_r^2}{P_w^2 - P_r^2} \right]^n} = 1.767$	

Absolute Open Flow _____ 1767	Mscf @ 15.0 psia	Angle of Slope @ _____	Slope, n _____ .75
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Remarks:			
Approved By Commission:	Conducted By:	Calculated By:	Checked By:

