

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

Form C-12
Revised 1-65

RECEIVED

SEP 9 1968

OIL CON. COM.
DIST. 3

Type Test: ☒ Initial ☐ Annual ☐ Special				Test Date: 9-4-68	
Company: Antec Oil and Gas Co.				Connection: El Paso Natural Gas	
Basin: Dakota				Unit:	
Completion Date: 8-19-68		Total Depth: 8025'		Elevation: 6380 Gr	
Csg. Size: 1 1/2" ID		Set At: 8024'		Perforations: From 7700 To 7930	
Tag. Size: 2-3/8" ID		Set At: 7695'		To: open ended	
Type Well - Single - Bradenhead - G.G. or G.O. Multiple					
Producing Thru: tubing		Reservoir Temp. °F: 8		Mech. Annual Temp. °F:	
L		H		Prover	
Gg		% CO ₂		% H ₂ S	
Meter Run		Taps		State: New Mexico	
County: Rio Arriba		Farm or Lease Name: Cat Draw			
Well No.:		Unit Sec. Twp. Rge. M 4 30N 5W			

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	
SI	2"		3/4"				2159		3 hr
1.							282		
2.									
3.									
4.									

RATE OF FLOW CALCULATIONS							
NO.	Coefficient (24 Hour)	$\sqrt{h_w P_m}$	Pressure p _m	Flow Temp. °F	Gravity Factor F _g	Super Compress. Factor, F _{pv}	Rate of Flow Q, Mcfd
1	12.365		132	100	.9258	1.020	2.020
2							
3							
4							
5							

NO.	P _f	Temp. °R	T _f	Z	Gas Liquid Hydrocarbon Ratio	Mcf/bbl.
1					A.P.L. 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.
5					Critical Temperature	R

NO.	P _f	P _w	P _w ²	P _f ² - P _w ²	$\frac{P_f^2}{P_f^2 - P_w^2} = 1.0358$	$\left[\frac{P_f^2}{P_f^2 - P_w^2} \right]^n = 1.0267$
1	132	276	76224	32256		
2						
3						
4						
5						

Absolute Open Flow: 2074 Mcfd @ 132		Angle of Slope θ:		Slope, n: .75	
Remarks:					
Approved By Commission:		Conducted By:		Checked By:	