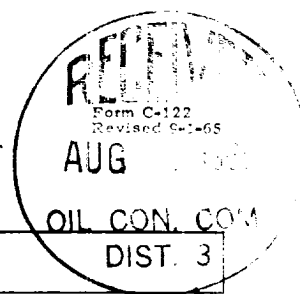


NEW MEXICO OIL CONSERVATION COMMISSION
MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL



Type Test ☒ Initial ☐ Annual ☐ Special				Test Date 7-25-69	
Company <u>Artec Oil & Gas Company</u>				Formation <u>Southern Indian Gas</u>	
Well <u>Platoned 66298</u>				Unit	
Completion Date 7-18-69		Total Depth 2595		Elevation 5539 GP	
Perforations 4.5 8.5 4.090 2594		Perforation Start 2428 To 2520		Well No. 22	
Perforation 1.375 1.7 1.068 2600		Perforation Start open ended To		Unit Sec. Twp. Rge. H 7 27N 2W	
Type of Test <u>Single</u>				County <u>San Juan</u>	
State <u>New Mexico</u>				Water Run Super	

FLOW DATA				TEMP. DATA		CASING DATA		Duration of Flow
NO.	Stem Line Size	X	Orifice Size	Press. p.s.i.g.	Temp. °F	Press. p.s.i.g.	Temp. °F	
1	2	7	3/4			548	548	
2						548	548	
3								
4								
5								

RATE OF FLOW CALCULATIONS						
NO.	Coefficient (24 Hour)	$\sqrt{P_w P_m}$	Pressure P_m	Flow Temp. Factor F_t	Gravity Factor F_g	Super. Compens. Factor, F_{sc}
1	12.865		183	1.000	.8258	1.017
2						
3						
4						
5						

NO.	P_w	Temp. °R	P_m	P_w^2	Gas-Liquid Hydrocarbon Ratio	Mcf/bbl.
1	352		183	123904	A.P.G. Gravity of Liquid Hydrocarbons	Deg.
2					Specific Gravity Separator Gas	X 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_w	P_m	P_w^2	P_m^2	(1) $\frac{P_w^2}{P_m^2 - P_w^2} = 1.1441$	(2) $\left[\frac{P_w^2}{P_m^2 - P_w^2} \right]^n = 1.1212$
1	352	183	123904	33489		
2						
3						
4						
5						

Absolute Gas Flow	1608	Mcf @ 14.7 psia	Angle of Slope °	Slope, n
Remarks:				
Approved by Commission	Collector Sign	Operator Sign	Custodian Sign	