

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 12/16/77	
Company MEXIL OIL CORPORATION				Connection NONE			
Pool BLANCO MESA VERDE				Formation MESA VERDE			
Completion Date		Total Depth 6250		Plug Back TO 6227		Elevation 7154' CL	
Csg. Size 4 1/2"		ID 4.132		Set At 6250		Perforations: From 5078 To 6160	
Tub. Size 2 3/8"		ID 1.995		Set At 5953		Perforations: From - To -	
Type Well - Single - Bronzed - G.G. or G.O. Multiple SINGLE						Packer Set At -	
Producing Thru TBC		Reservoir Temp. °F 154 @ 6000'		Mean Annual Temp. °F 50		Baro. Press. - P _a 12.2	
L		H		G _g 6.652		% CO ₂ 0.75	
				% N ₂ 0.49		% H ₂ S -	
				Prover 2"		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	of Flow
SI							1173	50	1174	50	174 HR
1.	2"	1	0.75"	128	-	70	208	65	457	50	3 HR
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 F _g	Super. Factor F _{sp}	Rate of Flow Q, Mscf/d
1	12.365	-	140.2	1.7103	0.9379	1.015	1635
2							
3							
4							
5							

NO.	P _i	Temp. °R	T _i	Z	Gas Liquid Hydrocarbon Ratio	Mcf/cub.
1	621	530	1.32	0.971	204	58.7
2					A.P.I. Gravity of Liquid Hydrocarbons	58.7
3					Specific Gravity Separator Gas	0.682
4					Specific Gravity Flowing Fluid	XXXXX
5					Critical Pressure	672 P.S.I.A.
					Critical Temperature	353 °R

NO.	P _i	P _w	P _w ²	P _i ² - P _w ²	(1) $\frac{P_i^2}{P_i^2 - P_w^2} = 1.186$	(2) $\left[\frac{P_i^2}{P_i^2 - P_w^2} \right]^n = 1.136$
1	1135.2	469.2	220.1	1154.6		
2						
3						
4						
5						

APPROVED BY COMMISSIONER

CONDUCTED BY
 M. C. Brinkmeyer

DATE: JAN 11 1978

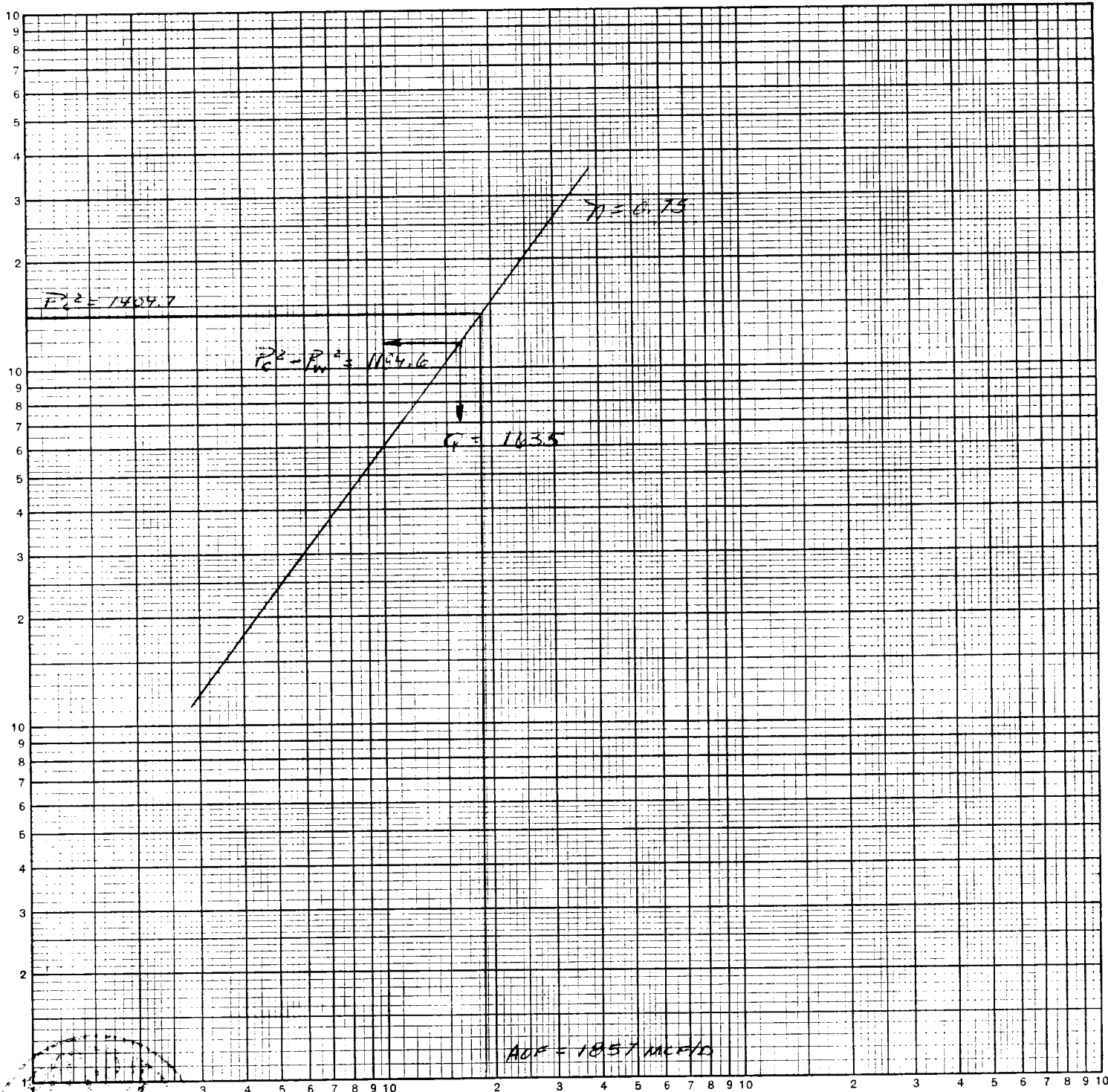
ABOVE DIST. BY: 1957 Mscf/c 15,025 Angle of Slope: 53.1 Slope: 6.75

REMARKS: FORMED 1. B.C. + 5. B.M. / 3. H.R.

JICARILLA "G" #5 H
 BLANCO MESA VERDE POOL
 RIO ARRIBA CO, NEW MEXICO

46 7403
 LOGARITHMIC
 3 X 3 CYCLES
 KEUFFEL & ESSER CO.

$P_c - P_w$



JAN 1 1961
 OIL CO. & CO.
 DIST.

FLOW RATE - MCF/D

MBB
 2/10/61