

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 4-28-77			
Company Tenneco Oil Company				Connection				
Pool Blanco				Formation Mesa Verde				Unit
Completion Date 4/19/77		Total Depth 5432'		Plug Back TD 5363'		Elevation 6076'		Farm or Lease Name State Com A
Csg. Size 4 1/2"	Wt. 10.5#	d	Set At 5369'	Perforations: From 5253' To 5026'		Well No. 2-A		
Tbg. Size 2-3/8"	Wt. 4.7#	d	Set At 5243'	Perforations: From 4474' To 4878'		Unit	Sec.	Twp. Rye.
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single				Packer Set At None Set		County San Juan		
Producing Thru Tubing		Reservoir Temp. °F @		Mean Annual Temp. °F		Baro. Press. - P _a		State New Mexico
L	H	Gq .680	% 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.	
SI							435		559	
1.	2x6x0.75			189		59	189	59	513	-
2.										
3.										
4.										
5.										

RATE OF FLOW CALCULATIONS							
NO.	Coefficient (24 Hour)	$\sqrt{h_w P_m}$	Pressure P _m	Flow Temp. Factor F _t	Gravity Factor F _g	Super Compress. Factor, F _{pv}	Rate of Flow Q, Mcfd
1	11		201	1.001	1.213	1.0228	2746
2.							
3.							
4.							
5.							

NO.	P _r	Temp. °R	T _r	Z	Gas Liquid Hydrocarbon Ratio _____ Mcf/bbl.
1.	0.30	519	1.35	.956	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

NO.	P _r ²	P _w	P _w ²	P _c ² - P _w ²	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 6.467$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 4.055$
1		525	275625	50416		
2						
3						
4						
5						

Absolute Open Flow <u>11136</u> Mcfd @ 15.025				Angle of Slope θ _____		Slope, n <u>.75</u>	
Remarks: _____							
Approved By Commission:		Conducted By:		Calculated By: J. D. Hicks		Checked By:	