

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

Form C-172
 Revised 6-1-65

Type Test ☒ Initial ☐ Annual ☒ Special					Test Date 4-15-77	
Company Tenneco Oil Company				Connection		
Pool Blanco				Formation Mesa Verde		Unit
Completion Date 4/4/77		Total Depth 5085'		Plug Back TD 5011'		Elevation 5834'
Farm or Lease Name State Com						Well No. #1A
Csg. Size 4 1/2"	Wt. 10.5#	d	Set At 5078'	Perforations: From 4923' To 4340'		Unit Sec. Twp. Rge. E, 32, 30N, 9W
Tbg. Size 2-3/8"	Wt. 4.7#	d	Set At	Perforations: From 4280' To 4057'		
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single				Packer Set At Noen set		County San Juan
Producing Thru Tubing		Reservoir Temp. °F @		Mean Annual Temp. °F		State New Mexico
L	H	Gg .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.	Temp. °F	
SI							554		695		
1.	2 x 6 x .75			190		59	190	59	618		3 hrs
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 Fg	Super Compress. Factor, Fpv	Rate of Flow Q, Mcfd
1	11		202	1.001	1.213	1.0228	2759
2.							
3.							
4.							
5.							

NO.	P _t	Temp. °R	T _r	Z	Gas Liquid Hydrocarbon Ratio _____ Mcf/bbl.	
1	.3019	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 _t ²	P _w	P _w ²	P _c ² - P _w ²	(1) $\frac{P_c^2}{P_c^2 - P_w^2} =$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n =$
1	707	630	396900	102949	4.8553	3.2708
2						
3						
4						
5						

AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n =$ 9024			
Absolute Open Flow _____ 9024 _____ Mcfd @ 15.025		Angle of Slope Θ _____ Slope, n _____ .75	
Remarks: _____			
Approved By Commission:		Conducted By:	
		K. Jenkins	
Calculated By:		Checked By:	