

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 2-17-77			
Company Tenneco Oil Company				Connection					
Pool Blanco				Formation Mesa Verde				Unit	
Completion Date 2/6/77		Total Depth 5520'		Plug Back TD 5475'		Elevation 6419'		Farm or Lease Name Florance	
Csg. Size 4 1/2"	Wt. 10.5#	d	Set At 5520'	Perforations: From 5264' To 5437'		Well No. 22A			
Tbg. Size 2-3/8"	Wt. 4.7#	d	Set At 5423'	Perforations: From 5104' To 4664'		Unit P	Soc. 12	Twp. 29N	Rge. 9W
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	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.	
SI							521		661	
1.	2 x 6 x 0.75			178		48	178	48	604	
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		192	1.012	1.213	1.0233	2653
2.							
3.							
4.							
5.							

NO.	P _t	Temp. °R	T _t	Z	Gas Liquid Hydrocarbon Ratio _____ Mcf/bbl.
1.	.29	508	1.32	.955	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

P _c 673 P _c ² 452929		(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 6.1646$		(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 3.9123$	
NO.	P _w	P _w ²	P _w ²	P _c ² - P _w ²	
1	616	379456	73473		
2					
3					
4					
5					

AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 10379$

REC'D 4 1977
OIL CON. COM.
DIST. 3

Absolute Open Flow	10379	Mcf/d @ 15.025	Angle of Slope @	Slope, n 0.75
Remarks:				

Approved By Commission:	Conducted By:	Calculated By: J. D. Hicks	Checked By:
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