

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

Form C-22
Revised 9-1-65

Type Test ☒ Initial ☐ Annual ☐ Special					Test Date 3-24-77			
Company Tenneco Oil Company				Connection				
Pool Blanco				Formation Mesa Verde				Unit
Completion Date 3/14/77		Total Depth 5660'		Plug Back TD 5608'		Elevation 6386'		Farm or Lease Name Moore
Log. Size 4 1/2"	Wt. 10.5#	d	Set At 5658'	Perforations: From 5303' To 5600'		Well No. 1-A		
Thg. Size 2-3/8"	Wt. 4.7#	d	Set At 5552'	Perforations: From 4871' To 5184'		Unit F	Sec. 8	Twp. 30N
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 p		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							648		654	
1.	2x6x.75			234		58	234	58	550	58
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		246	1.0020	1.213	1.0281	3381
2							
3							
4							
5							

NO.	P _t	Temp. °R	T _r	Z	Gas Liquid Hydrocarbon Ratio _____ Mcf/bbl.
1.	0.37	518	135	.946	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 666	P _c ² 443556	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 3.1445$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 2.3614$	
NO.	P _t ²	P _w	P _w ²	P _c ² - P _w ²
1		550	302500	141056
2				
3				
4				
5				

Absolute Open Flow 7984 Mcfd @ 15.025		Angle of Slope θ _____ Slope, n .75	
Remarks: _____			
Approved By Commission:		Conducted By:	
Calculated By:		Checked By:	