

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

Form ~~Q~~-122
 Revised 9-1-65

Type Test ☒ Initial ☐ Annual ☐ Special						Test Date 1-19-77	
Company Tenneco Oil Company				Connection			
Pool Blanco				Formation Mesa Verde		Unit	
Completion Date 1-10-77		Total Depth 5565'		Plug Back TD 5513'		Elevation 6338'	
Farm or Lease Name Florance		Well No. 30A					
Csg. Size 4 1/2"	Wt. 10.5#	d	Set At 5565'	Perforations: From 5176' To 5355'		Unit Sec. Twp. Rge. E 1 29N 9W	
Thg. Size 2-3/8"	Wt. 4.7#	d	Set At 5359'	Perforations: From 4641' To 5053'			
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		State New Mexico	
L	H	G _g .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							692		692	
1.	2 x 6 x 0.75			235		57	235	57	619	
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 Compress. Factor, F _{pv}	Rate of Flow Q, Mcfd
1	11		247	1.003	1.213	1.0289	3401
2.							
3.							
4.							
5.							

NO.	P _t	Temp. *R	T _f	Z	Gas Liquid Hydrocarbon Ratio _____ Mcf/bbl.
1.	0.37	517	1.34	.9446	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 692	P _c ² 478864	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 5.0036$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 3.3455$	
NO	P _t ²	P _w	P _w ²	P _c ² - P _w ²
1		619	383161	95703
2				
3				
4				
5				

Absolute Open Flow 11378		Mcf/d @ 15.025	Angle of Slope θ 0.75
Remarks:			

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