

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

Form C-122
Revised 6-1-65

Type Test ☒ Initial ☐ Annual ☐ Special				Test Date 06/07/79	
Company TENNECO OIL CO.			Connection - NONE		
Pool BLANCO PICTURED CLIFF			Formation PICTURED CLIFF		Unit
Completion Date 06/01/79		Total Depth 4992'	Plug Back TD 4883'	Elevation 5820' GL	Farm or Lease Name FLORANCE
Csg. Size 7"	Wt. 23.0	Set At	Perforations: From 2544 To 2574		Well No. 20A
Thq. Size 1 1/4"	Wt. 2.3	Set At 1.380	Perforations: From - To -		Unit Sec. Twp. Rge. J 24 30N 9W
Type Well - Single - Bradenhead - G.G. or G.O. Multiple DUAL				Packer Set At 2580	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.	
1.	2 x 6 x	.75					660		666	
2.							490	60°	495	60°
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		502	1.000	1.213	1.05999	7100
2.							
3.							
4.							
5.							

NO.	P _r	Temp. °R	T _r	Z	Gas Liquid Hydrocarbon Ratio _____ Mcf/bbl.
1.	.75	520	1.35	.890	A.P.I. Gravity of Liquid Hydrocarbons _____ Deg.
2.					Specific Gravity Separator Gas _____
3.					Specific Gravity Flowing Fluid _____
4.					Critical Pressure _____ P.S.I.A.
5.					Critical Temperature _____ R

P _r 678 P _c ² 459684				
NO.	P _i ²	P _w	P _w ²	P _c ² - P _w ²
1		507	257049	202635
2				
3				
4				
5				

(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 2.2685$

AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 14,244$

(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^{0.062} = 1.0062$

Absolute Open Flow _____ Mcfd @ 15.025	Angle of Slope @ _____	Slope _____ .85
Remarks: _____		

Approved By Commission:	Conducted By: C. WEBB	Calculated By: K JENKINS	Checked By:
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