

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 9-5-66	
Company Tenneco Oil Co.				Connection			
Pool Blanco Pictured Cliffs				Formation Pictured Cliffs		Unit	
Completion Date		Total Depth		Plug Back TD 2954		Elevation	
Farm or Lease Name Riddle							
Csg. Size 3.5	Wt.	d	Set At 2989	Perforations: From 2891 To 2918		Well No. 6	
Tbg. Size	Wt.	d	Set At	Perforations: From To		Unit Sec. Twp. Rge. I 17 30 9	
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single						Packer Set At	
Producing Thru C9G						State N.M.	
Reservoir Temp. °F @		Mean Annual Temp. °F		Baro. Press. - P _a 12.0		County San Juan	
L 2891	H	Gg .650	% 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									810		
1.	2	x	3/4						302	60	3 hr.
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	12.3650		314	1.000	.650	1.032	3846
2.							
3.							
4.							
5.							

NO.	P _r	Temp. °R	T _r	Z	Gas Liquid Hydrocarbon Ratio _____ Mcf/bbl.
1.					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 822	P _c ² 675684	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = \underline{1.2078}$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = \underline{1.1740}$
NO.	P _t ²	P _w	P _w ²
1	98596	341	116268
2			
3			
4			
5			

AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = \underline{4515}$	
Absolute Open Flow 4515 Mcfd @ 15.025	Angle of Slope $\ominus$ _____ Slope, n .85

Remarks: _____			
Approved By Commission:	Conducted By:	Calculated By: Neil Tefteller	Checked By: J. E. Massey