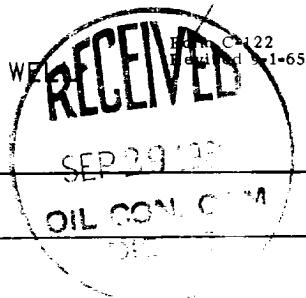


NEW MEXICO OIL CONSERVATION COMMISSION
MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL



Type Test ☒ Initial ☐ Annual ☐ Special					Test Date 9-5-66	
Company Termeco Oil Co.				Connection		
Pool Blanco Pictured Cliffs				Formation Pictured Cliffs		Unit
Completion Date		Total Depth		Plug Back TD 2750	Elevation	Farm or Lease Name Riddle
Csg. Size 3.5	Wt.	d	Set At 2790	Perforations: From 2662 To 2693		Well No. 4
Thg. Size	Wt.	d	Set At	Perforations: From To		Unit Sec. Twp. Rge. A 21 30 9
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single					Packer Set At ---	County San Juan
Producing Thru		Reservoir Temp. °F		Mean Annual Temp. °F		Baro. Press. - P _a 12.0
						State N.M.
L 2663	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									786		
1.	2	x	3/4						191	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 F _t	Gravity Factor F _g	Super Compress. Factor, F _{pv}	Rate of Flow Q, Mcfd
1	12.3650		203	1.000	.9608	1.021	2461
2.							
3.							
4.							
5.							

NO.	P _t	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 798	P _c ² 636804		
NO.	P _t ²	P _w	P _w ²
1	41209	219	47878
2			
3			
4			
5			

$$(1) \frac{P_c^2}{P_c^2 - P_w^2} = \underline{1.0847}$$

$$ACF = Q \left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = \underline{2640}$$

$$(2) \left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = \underline{1.0715}$$

Absolute Open Flow 2640 Mcfd @ 15.025	Angle of Slope ϕ _____	Slope, n .85
Remarks: _____		
Approved By Commission:	Conducted By:	Calculated By: Neil Tefteller
		Checked By: <i>J. L. Massey</i>