

MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR

RECEIVED
JUL 3 - 1983

Type Test ☒ Initial ☐ Annual ☐ Special		Test Date 7-1-83		JUL 3 - 1983	
Company Curtis J. Little		Connection El Paso		CON. DIV.	
Pool Fulcher Kutz		Formation Pictured Cliff		Unit NST. 2	
Completion Date 6-21-83		Total Depth 2493		Plug Back TD 2468	
Elevation 6444 GL		Farm or Lease Name Wiedemer			
Csg. Size 2.875	Wt. 6.5	d 2.441	Set At 2490	Perforations: From 2346 To 2450	
Trg. Size	Wt. Slim	d Hole	Set At	Perforations: From To	
Type Well - Single - Brdenhead - G.G. or G.O. Multiple Single				Packer Set At None	
Producing Thru Csg.				Reservoir Temp. °F Mean Annual Temp. °F Baro. Press. - P _a 12 psi .est	
State New Mexico					
L	H	G _g .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	10 days								381		
1.	2 inch		.750	34					34	60	3 hours
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		46	1.000	.9608	1.001	547
2.							
3.							
4.							
5.							

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

P _c 393	P _c ² 154449				(1) $\frac{P_c^2}{P_e^2 - P_w^2} = 1.0204$	(2) $\left[\frac{P_e^2}{P_e^2 - P_w^2} \right]^n = 1.01729$
NO.	P _i ²	P _w	P _w ²	P _c ² - P _w ²		
1		56	3084	151365		
2		Calculated				
3						
4						
5						

AOF = Q $\left[\frac{P_e^2}{P_e^2 - P_w^2} \right]^n = 556$

Absolute Open Flow 556 Mcfd @ 15.025 Angle of Slope 0 Slope, n .85

Remarks: Dry gas throughout test

Approved By Division	Conducted By: Joe Elledge	Calculated By: Joe Elledge	Checked By: Curtis J. Little
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