

MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS

RECEIVED
NOV 01 1985
OIL CON. DIV.
DIST. 3

Type Test ☒ Initial ☐ Annual ☐ Special					Test Date 4/18/84	
Company Joel B. Burr, Jr.				Connection		
Pool Fulcher Kutz				Formation Pictured Cliff F.t.		Unit
Completion Date		Total Depth 2000'		Plug Back TD		Elevation
Farm or Lease Name Foothills A						Well No. 1
Csg. Size 2 7/8	Wt.	d	Set At 1996	Perforations: From 1572 To 1580		Unit M
Thq. Size	Wt.	d	Set At	Perforations: From To		Sec. Twp. Rye. 20 30 12
Type Well - Single - Bradenhead - G.G. or G.O. Multiple				Packer Set At		County San Juan
Producing Thru		Reservoir Temp. °F p		Mean Annual Temp. °F		Boro. 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.		Temp. °F
1.	2 x 6 x .75						421				7 days
2.							9	70			3 hours
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.	11		21	.9905	1.213	1.0005	278
2.							
3.							
4.							
5.							

NO.	P _r	Temp. °R	T _r	Z	Gas Liquid Hydrocarbon Ratio	A.P.I. Gravity of Liquid Hydrocarbons	Specific Gravity Separator Gas	Specific Gravity Flowing Fluid	Critical Pressure	Critical Temperature
1.	03	430	1.12	.999						
2.										
3.										
4.										
5.										

P _r 433	P _c ² 187489	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.00235$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.0020$
NO. 1	P _r ² 187489	P _w 21	P _w ² 441
2.			
3.			
4.			
5.			

Absolute Open Flow 279 Mcfd @ 15.025		Angle of Slope @ .85	Slope, n
Remarks:			

