

MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS

RECEIVED
FEB 2 - 1983
OIL CON. DIV.
DIST. 3

Type Test ☒ Initial ☐ Annual ☒ Special				Test Date 1-20-83	
Company Amoco Production Company				Connection Not dedicated	
Pool Undes.				Formation Mesaverde	
Completion Date 12-29-82		Total Depth 4330		Plug Back TD 4237	
Elevation 5447 GL		Farm or Lease Name Davis Gas Com "J"			
Csq. Size 7.000	Wt. 26	d 6.276	Set At 4330	Perforations: From 3970 To 4030	
Trq. Size 2.375	Wt. 4.7	d 1.995	Set At 4020	Perforations: From open To ended	
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Dual				Packer Set At 3500	
Producing Thru Tubing		Reservoir Temp. °F #		Mean Annual Temp. °F	
Baro. Press. - P _a		State New Mexico			
L	H	G _g	% 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	14 Days						1430		X		
1.	2.375	.750					55		X		3 hrs
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	12.365		65	1.000	.9258	1.006	749
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 1442	P _c ² 2079364	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.0064$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.0048$
NO.	P _t ²	P _w	P _w ²
1		115	13225
2			
3			
4			
5			

Absolute Open Flow 753 Mcfd @ 15.025		Angle of Slope @ _____		Slope, n .75	
Remarks: _____					
Approved By: _____		Conducted By: _____		Checked By: <i>AB</i>	

