

MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELLS

Type Test ☒ Initial ☐ Annual ☒ Special		Test Date 6-1-82	
Company Amoco Production Company		Connection El Paso Natural Gas Company	
Pool Blanco		Formation Mesaverde	
Completion Date 4-30-82		Total Depth 6615	
Plug Back TD 6573		Elevation 5636 GL	
Farm or Lease Name Lefkovitz Gas Com "B"		Well No. 1E	
Csq. Size 5.500	Wt. 17	d 4.892	Set At 6615
Perforations: From 3622 To 4496		Well No. 1E	
Thq. Size 1.660	Wt. 2.33	d 1.380	Set At 4515
Perforations: From open To ended		Unit P	
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Dual		Packer Set At 4668	
County San Juan		State New Mexico	
Producing Thru Tubing		Reservoir Temp. °F #	
Mean Annual Temp. °F		Baro. Press. - P _a	
L	H	G _v	% CO ₂
% N ₂	% H ₂ S	Prover	Meter Run
Taps			
FLOW DATA			
NO.	Prover Line Size	X	Orifice Size
SI	7 Days		
1.	2.375		.750
2.			
3.			
4.			
5.			
TUBING DATA			
NO.	Press. p.s.i.g.	Temp. °F	Press. p.s.i.g.
SI	924		924
1.	110		770
2.			
3.			
4.			
5.			
CASING DATA			
NO.	Press. p.s.i.g.	Temp. °F	Press. p.s.i.g.
SI	924		924
1.	110		770
2.			
3.			
4.			
5.			
RATE OF FLOW CALCULATIONS			
NO.	Coefficient (24 Hour)	$\sqrt{h_w P_m}$	Pressure P _m
1	12.365		122
2.			
3.			
4.			
5.			
NO.	Flow Temp. Factor F _t	Gravity Factor F _g	Super Compress. Factor, F _{pv}
1	1.000	.9608	1.011
2.			
3.			
4.			
5.			
NO.	R _f	Temp. °R	T _f
1.			
2.			
3.			
4.			
5.			
Gas Liquid Hydrocarbon Ratio _____ Mcl/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. _____ P.S.I.A.			
Critical Temperature _____ R _____ R			
P _c 936 P _c ² 876096			
NO.	P _i ²	P _w	P _w ²
1		782	627264
2			248832
3			
4			
5			
(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 2.5208$			
(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 2.5703$			
AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 3765$			
Absolute Open Flow 3765 Mcl @ 15.025 Angle of Slope 0 Slope, n .75			
Remarks: Flowed med wt.			
Approved By Division			
Conducted By: J. J. Barnett			
Calculated By: J. J. Barnett			
Checked By: 			