

MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

JAN 08 1985
OIL CON. DIV.
DIST. (OWW)

Type Test <input checked="" type="checkbox"/> Initial <input type="checkbox"/> Annual <input type="checkbox"/> Special				Test Date 1-3-85	
Company El Paso Natural Gas			Connection EPNG		
Pool Basin			Formation Dakota		Unit
Completion Date 12-27-84		Total Depth		Plug Back TD	Elevation
Form or Lease Name Huerfano Unit					
Csq. Size 4.500	wt. 10.5	d 4.052	Set At 6964	Perforations: From 6722 To 6888	
Well No. 210					
Tsq. Size 2.375	wt. 4.7	d 1.995	Set At 6630	Perforations: From To	
Type Well - Single - Broadhead - G.C. or G.O. Multiple Single				Packer Set At 6628	
County San Juan					
Producing thru TBG		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	

NO.	FLOW DATA						TUBING DATA		CASING DATA		Duration of Flow
	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							1140				7-Days
1.											
2.											
3.											
4.											
5.											

NO.	Coefficient (24 Hour)	$\sqrt{h_w P_m}$	Pressure P _m	Flow Temp. Factor Ft.	Gravity Factor F _g	Super Compress. Factor, F _{pv}	Rate of Flow
							Q, Mcfd
1							
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 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 _____ F

NO.	P_c^2				(1) $\frac{P_c^2}{P_t^2 - P_w^2} =$ _____	(2) $\left[\frac{P_c^2}{P_t^2 - P_w^2} \right]^n =$ _____
	P _t ²	P _w ²	P _w ²	P _t ² - P _w ²		
1						
2						
3						
4						
5						

LOG = 0 $\left[\frac{P_c^2}{P_t^2 - P_w^2} \right]^n =$ _____

Absolute Open Flow _____ Mcfd @ 15.025 Angle of Slope @ _____ Slope, n _____

Remarks: SIP only

Approved by Division _____ Conducted by: Bill Huntington Calculated by: _____ Checked by: _____