

RECEIVED

11/20/84

NEW MEXICO OIL CONSERVATION COMMISSION  
 MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL  
 OIL CON. DIV.  
 DIST. 3

Form C-122  
 Revised 9-1-65

Type Test <input checked="" type="checkbox"/> Initial <input type="checkbox"/> Annual <input type="checkbox"/> Special					Test Date 1-4-84						
Company El Paso Natural Gas Co.				Connection Northwest Pipeline							
Pool Blanco				Formation Mesaverde				Unit			
Completion Date 12-16-83		Total Depth 6242		Plug Back TD 6222		Elevation 6488 GR		Farm or Lease Name Allison Unit			
Csq. Size 7.000	Wt. 20	d 6.456	Set At 3699	Perforations: From *5730 To 6142			Well No. 22A				
Tbg. Size 2.375	Wt. 47	d 1.995	Set At 6123	Perforations: From To			Unit F	Sec. 25	Twp. 32	Rge. 7	
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single					Packer Set At None			County San Juan			
Producing Thru TBG		Reservoir Temp. *F e		Mean Annual Temp. *F		Baro. Press. - P <sub>a</sub> 12		State New Mexico			
L	H	G <sub>g</sub>	% CO <sub>2</sub>	% N <sub>2</sub>	% H <sub>2</sub> S	Prover		Meter Run	Taps		
FLOW DATA					TUBING DATA			CASING DATA		Duration	
NO.	Prover Line Size	X	Orifice Size	Press. p.s.i.g.	Diff. h <sub>w</sub>	Temp. *F	Press. p.s.i.g.	Temp. *F	Press. p.s.i.g.	Temp. *F	of Flow
51							539		922		19 days
1.											
2.											
3.											
4.											
5.											
RATE OF FLOW CALCULATIONS											
NO.	Coefficient (24 Hour)	$\sqrt{h_w P_m}$	Pressure P <sub>m</sub>	Flow Temp. Factor Ft.	Gravity Factor F <sub>g</sub>	Super Compress. Factor, F <sub>pv</sub>	Rate of Flow Q, Mcfd				
1											
2											
3											
4											
5											
NO.	P <sub>t</sub>	Temp. *R	T <sub>f</sub>	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. _____ P.S.I.A. Critical Temperature _____ R _____ R						
1											
2											
3											
4											
5											
NO.	P <sub>t</sub> <sup>2</sup>	P <sub>w</sub>	P <sub>w</sub> <sup>2</sup>	P <sub>c</sub> <sup>2</sup> - P <sub>w</sub> <sup>2</sup>	(1) $\frac{P_c^2}{P_c^2 - P_w^2} =$ _____    (2) $\left[ \frac{P_c^2}{P_c^2 - P_w^2} \right]^n =$ _____  AOF = Q $\left[ \frac{P_c^2}{P_c^2 - P_w^2} \right]^n =$ _____						
1											
2											
3											
4											
5											
Absolute Open Flow _____ Mcfd @ 15.025					Angle of Slope @ _____			Slope, n _____			
Remarks: *4.500" Liner 3520' - 6242'											
Approved By Commission:			Conducted By: Ralph Galloway			Calculated By: Ed Mabe			Checked By:		