

OIL CONSERVATION DIVISION

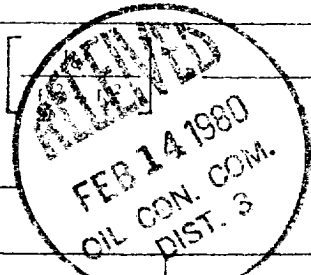
STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

Form C-122
Revised 10-1-78

MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Type of Test <input checked="" type="checkbox"/> Initial <input type="checkbox"/> Annual <input type="checkbox"/> Special		Test Date 2-12-80									
Company El Paso Natural Gas Company			Connection								
Well Blanco		Formation Mesa Verde									
Completion Date 1-22-80		Total Depth 6138	Plug Back TD 6120								
Elevation		Form or Lease Name 32-9 Unit									
Case Size 4.500	Wt. 10.5	d 4.052	Set At 6138								
Perforations: From 5283 To 6038		Well No. 18A									
Case Size 2.375	Wt. 4.7	d 1.995	Set At 6021								
Perforations: From To		Unit 17	Sec. 31								
Type Well - Single - Broadhead - G.G. or G.O. Multiple Single		Packer Set At	County San Juan								
Producing thru		Reservoir Temp. °F p	Mean Annual Temp. °F								
Baro. Press. - P _a		State New Mexico									
L	H	G _v	% CO ₂								
		% N ₂	% H ₂ S								
		Prover	Meter run								
			Tags								
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	Duration of Flow
1							360		742		21 Days
2											
3											
4											
5											
RATE OF FLOW CALCULATIONS											
NO.	Coefficient (24 Hour)	$\sqrt{P_w P_{in}}$	Pressure P _m	Flow Temp. Factor Ft.	Gravity Factor Fg	Super Compress. Factor, F _{sp}	Rate of Flow Q, Mgd				
1											
2											
3											
4											
5											
NO.	P ₁	P ₂	P ₃	P ₄	P ₅	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					
NO.	P ₁	P ₂	P ₃	P ₄	P ₅	$(1) \frac{P_c^2}{P_c^2 - P_w^2} = \dots$ $(2) \dots$					
1											
2											
3											
4											
5											
Absolute Open Flow _____						Angle of Slope _____					



Approved by Division _____ Conducted by J. Thurstonson Calculated by C.R. Wagner Checked by _____