

OIL CONSERVATION DIVISION

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENTP. O. BOX 7088
SANTA FE, NEW MEXICO 87504Form C-122
Revised 10-1-78

MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Type Test ☒ Initial ☐ Annual ☐ Special					Test Date 7-2-81				
Company El Paso Natural Gas Company				Connection El Paso Natural Gas Company					
Pool Ballard				Formation Pictured Cliffs				Unit Canyon Largo Unit	
Completion Date 6-25-81		Total Depth 2681		Plug Back TD 2671		Elevation 6807 GR		Farm or Lease Name Canyon Largo Unit	
Csg. Size 2.875	Wt. 6.4	d 2.441	Set At 2681	Perforations: From 2556 To 2614		Well No. #191			
Tq. Size NONE	Wt.	d	Set At	Perforations: From To		Unit Sec. Twp. Rge. M 23 25 7			
Type Well - Single - Broadhead - G.C. or G.O. Multiple Single					Packer Set At		County Rio Arriba		
Producing Thr Csg.		Reservoir Temp. °F a		Mean Annual Temp. °F		Baro. Press. - P _g 12		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									619		7 Days
1.											
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 Compens. Factor, F _{sc}	Rate of Flow Q, Mcf
1.							
2.							
3.							
4.							
5.							

NO.	P _g	Temp. °R	T _g	Z	Gas Liquid Hydrocarbon Ratio	A.P.G. Gravity of Liquid Hydrocarbons	Specific Gravity Separator Gas	Specific Gravity Flowing Fluid	Critical Pressure P.S.I.A.	Critical Temperature °R	Mcf, bbl. Deg.
1.											
2.											
3.											
4.											
5.											

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

Absolute Open Flow				Mcft @ 15.025	Angle of Slope θ	Slope, n

Remarks:			

Approved by Division	Conducted By: Les Hepner	Calculated By: H. E. McAnally	Checked By:
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