

**NEW MEXICO OIL CONSERVATION COMMISSION
MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL**

Form C-122
Revised 9-1-65

Type Test ☒ Initial ☐ Annual ☐ Special				Test Date 10-28-85	
Company El Paso Natural Gas			Connection		
Pool Blanco			Formation Mesa Verde		Unit
Completion Date 10-28-85		Total Depth 4941	Plug Back TD 4929		Elevation 6001 GR
Farm or Lease Name Harrington					Well No. #6
Csg. Size 7.000	Wt. 20	d 6.456	Set At 4940	Perforations: From *4459 To 4817	
Tub. Size 2.375	Wt. 4.7	d 1.995	Set At 4792	Perforations: From To	
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single				Packer Set At None	County Rio Arriba
Producing Thru Tbg.		Reservoir Temp. *F a	Mean Annual Temp. *F	Baro. Press. - P _a 12	State New Mexico
L	H	G _g .690	% 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							320		1120		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 Ft.	Gravity Factor F _g	Super Compress. Factor, F _{pv}	Rate of Flow Q, Mcfd
1.							
2.							
3.							
4.							
5.							

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NO.	P _r	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
3.					Specific Gravity Flowing Fluid	X X X X X
4.					Critical Pressure	P.S.I.A.
5.					Critical Temperature	R

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

$ACF = Q \left[\frac{P_r^2}{P_r^2 - P_w^2} \right]^n =$

Absolute Open Flow	Mcf/d @ 15.025	Angle of Slope ϕ	Slope, n
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Remarks: 4.500 Liner from 2279 - 4940

Approved by Commission:	Conducted By:	Calculated By: Cliff Brock	Checked By: kld
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