

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 10-07-85	
Company El Paso Natural Gas Co.				Connection	
Pool Blanco				Formation Mesa Verde	
Completion Date 10-07-85		Total Depth 5270		Plug Back TD 5169	
Elevation 6391 GR		Farm or Lease Name Turner Hughes			
Csg. Size 7.000	Wt. 20	d 6.456	Set At 2720	Perforations: From 4736 To 5128	
Perf. Size 2.375	Wt. 4.7	d 1.995	Set At 5120	Perforations: From To	
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single				Packer Set At None	
Producing Thru Tbg.				Reservoir Temp. °F a	
Mean Annual Temp. °F b				Baro. Press. - P _a 12	
State New Mexico				County San Juan	
L	H	G _g	% CO ₂	% N ₂	% H ₂ 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 _w	Temp. °F	Press. p.s.i.g.	Temp. °F	Press. p.s.i.g.	Temp. °F	of Flow
SI							273		908		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 Fg	Super Compress. Factor, Fpv	Rate of Flow Q, Mcfd
1							
2							
3							
4							
5							

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OIL DIV.

DIST. S

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	XXXXXXXXXX
3					Specific Gravity Flowing Fluid	XXXXXX
4					Critical Pressure _____ P.S.I.A.	_____ P.S.I.A.
5					Critical Temperature _____ R	_____ R

NO.	P _t	P _w	P _w	P _c - P _w	(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						

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

Absolute Open Flow _____ Mcfd @ 15.025		Angle of Slope @ _____		Slope, n _____	
Remarks: 4.500" Liner 2571' - 5181'.					

Approved by Commission:	Conducted By: Bill Huntington	Calculated By: Ed Mabe	Checked By: kld
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