

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

Form C-122
Revised 9-1-65

OCC

Type Test ☒ Initial ☐ Annual ☐ Special					Test Date 01-04-83	
Company El Paso Natural Gas				Connection Northwest Pipeline		
Pool Blanco				Formation Mesaverde		Unit
Completion Date 12-23-83		Total Depth 6325		Plug Back TD 6309		Elevation 6829
Farm or Lease Name San Juan 27-4 Unit						Well No. 152
Csg. Size 7.000	Wt. 20	d 6.456	Set At 4117	Perforations: From *5498 To 6163		
Tq. Size 2.375	Wt. 4.7	d 1.995	Set At 6148	Perforations: From To		Unit Sec. Twp. Rge. N 3 27 4
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
L		H		Gg		% 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							817		1186		12 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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NO.	P _t	Temp. *R	T _t	Z	Gas Liquid Hydrocarbon Ratio	Mcf/bbl.
1					A.P.I. Gravity of Liquid Hydrocarbon	Deg.
2					Specific Gravity Separator Gas	XXXXXXX
3					Specific Gravity Flowing Fluid	XXXXX
4					Critical Pressure	P.S.I.A.
5					Critical Temperature	R

NO.	P _t	P _w	P _w ²	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						

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

Absolute Open Flow		Mcf @ 15.025	Angle of Slope θ	Slope, n
Remarks: * 4.500" Liner 3948' - 6324'				
AFG - 2269 MCF/D - for sizing equip. only.				

Approved By Commission:	Conducted By: Gary Osborne	Calculated By: Ed Mabe	Checked By:
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