

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

Form C-122
Revised 9-1-65

RECEIVED

Type Test ☒ Initial ☐ Annual ☐ Special					Test Date 1-17-86		JAN 21 1986	
Company El Paso Natural Gas Co.				Connection				
Pool Blanco				Formation Mesa Verde			Unit DIST. 3	
Completion Date 1-17-86		Total Depth 6360		Plug Back TD 6349		Elevation		Farm or Lease Name S.J. 29-7 Unit
Csq. Size 7.000	Wt. 20	d 6.456	Set At 4020	Perforations: From 5504* To 6302			Well No. #85A	
Tbg. Size 2.375	Wt. 4.7	d 1.995	Set At 6295	Perforations: From To			Unit Sec. Twp. Rge. C 01 29 07	
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 _g 12		State New Mexico
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							10		865		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							

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. _____ P.S.I.A.
5.					Critical Temperature _____ R _____ R

NO.	P _c ²	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						

$AOF = Q \left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n =$ _____			
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Absolute Open Flow _____ Mcfd @ 15.025		Angle of Slope Θ _____	Slope, n _____
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Remarks: *4 1/2" Liner - 3868' - 6360'	
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Approved By Commission:	Conducted By: Bobbie Easterling	Calculated By: Scott H. Lindsay	Checked By: kld
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