

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 10-03-85	
Company El Paso Natural Gas				Connection		
Foot Blanco				Formation Mesa Verde		Unit
Completion Date 10-03-85		Total Depth 6230		Plug Back TD 6215		Elevation 6282 GR
Form or Lease Name S.J. 28-5 Unit						
Csg. Size 7.000	Wt. 20	d 6.456	Set At 3925	Perforations: From *5660 To 6141		Well No. #30A
Teg. Size 2.375	Wt. 4.7	d 1.995	Set At 6131	Perforations: From To		Unit Sec. Twp. Hgt. D 22 28 05
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	% 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. hw	Temp. *F	Press. p.s.i.g.	Temp. *F	Press. p.s.i.g.	Temp. *F	
SI							925		960		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	XXXXXX
3					Specific Gravity Flowing Fluid	XXXXXX
4					Critical Pressure	P.S.I.A.
5					Critical Temperature	R

NO.	P _r	P _w	P _w	P _r - P _w
1				
2				
3				
4				
5				

$$(1) \frac{P_r^2}{P_r^2 - P_w^2} =$$

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

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

Absolute Open Flow		Mcf @ 15.025	Angle of Slope θ	Slope, n
Remarks: *4.500" Liner 3752' - 6230'.				

Approved by Commission:	Conducted By: John Easley	Calculated By: Ed Mabe	Checked By: kld
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