

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

Form C-122
 Revised 9-1-65

Type Test <input checked="" type="checkbox"/> Initial <input type="checkbox"/> Annual <input type="checkbox"/> Special		Test Date 10-23-85	
Company El Paso Natural Gas Co.		Connection	
Foot Blanco		Formation Mesa Verde	
Completion Date 10-23-85		Total Depth 7175	Plug Back TD 7143
Elevation 7521 GR		Farm or Lease Name S.J. 28-5 Unit	
Csq. Size 7.000	wt. 20	d 6.456	Set At 4879
Perforations: From *6216 To 7059		Well No. #18A	
Tsq. Size 2.375	wt. 4.7	d 1.995	Set At 7046
Perforations: From To		Unit 0	Sec. 11
Twp. 28		Rge. 05	
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
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. h _w	Temp. *F	Press. p.s.i.g.	Temp. *F	Press. p.s.i.g.	Temp. *F	
SI							830		900		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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 OIL CON. DIV.
 DIST.

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

NO	P _r	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						

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

Absolute Open Flow _____ Mcfd @ 15.025 Angle of Slope ⇨ _____ Slope, n _____

Remarks: *4,500" Liner 4716' - 7175

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