

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 10-04-85	
Company El Paso Natural Gas					Connection	
Pool Basin					Formation Dakota	
Completion Date 10-04-85		Total Depth 6779		Plug Back TD 6759		Elevation 6568 GR
Farm or Lease Name Huerfano Unit					Well No. #170 E	
Coq. Size 4.500	wt. 10.5	d 4.052	Set At 6779	Perforations: From 6497 To 6630		Unit H
Tog. Size 2.375	wt. 4.7	d 1.995	Set At 6611	Perforations: From To		Sec. 25
Type Well - Single - Broadhead - 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					County San Juan	
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. hw	Temp. °F	Press. p.s.i.g.	Temp. °F	Press. p.s.i.g.	Temp. °F	
SI							286		759		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, Mgd
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.
5					Critical Temperature	R

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

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

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

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

Absolute Open Flow	Mgd @ 15.025	Angle of Slope	Slope, n
Remarks:			

Approved by Commission:	Conducted By: Glen Spencer	Calculated By: Ed Mabe	Checked By: kld
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