

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 10-09-85	
Company El Paso Natural Gas				Connection			
Pool Basin				Formation Dakota		Unit	
Completion Date 10-09-85		Total Depth 6915		Plug Back TD 6893		Elevation 6644 GR	
Form or Lease Name Huerfano Unit							
Eq. Size 4.500	Wt. 10.5	d 4.052	Set At 6915	Perforations: From 6767 To 6798		Well No. #116E	
Eq. Size 2.375	Wt. 4.7	d 1.995	Set At 6782	Perforations: From To		Unit Sec. Twp. Rge. N 11 26 10	
Type Well - Single - Irradiated - G.C. or G.O. Multiple Single				Packer Set At None		County San Juan	
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
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	of Flow
51							1349		1245		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, Mfd
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 ²	P _r ² - P _w ²
1				
2				
3				
4				
5				

$$(1) \frac{P_r^2}{P_r^2 - P_w^2} = \quad (2) \left[\frac{P_r^2}{P_r^2 - P_w^2} \right]^n =$$

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

Absolute Open Flow	Mcf/d @ 15.025	Angle of Slope	Slope, n
Remarks:			

Approved by Commission:	Conducted By: Joe Gillentine	Calculated By: Ed Mabe	Checked By: kld
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