

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 10-18-85	
Company El Paso Natural Gas				Connection	
Pool Ballard				Formation Pictured Cliffs	
Completion Date 10-18-85		Total Depth 3160		Plug Back TD 3150	
				Elevation 7377 GR	
Csg. Size 2.875		ID 6.4		Set At 3160	
				Perforations: From 3032 To 3100	
Tubingless Completion				Well No. #11	
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single		Packer Set At None		County Sandoval	
Producing Thru Csg.		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											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							

NO.	P _r	Temp. °R	T _r	Z	Gas Liquid Hydrocarbon Ratio	Mcf/bbl.
1					OCT 23 1985	
2					A.P.I. Gravity of Liquid Hydrocarbons	Deg.
3					Specific Gravity Separator Gas	XXXXXX
4					Specific Gravity Flowing Fluid	XXXXXX
5					Critical Pressure	P.S.I.A.
					Critical Temperature	R

NO.	P _r	P _w	P _w ²	P _r ² - P _w ²	(1) $\frac{P_r^2}{P_r^2 - P_w^2} =$	(2) $\left[\frac{P_r^2}{P_r^2 - P_w^2} \right]^n =$
1						
2						
3						
4						
5						

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: John Henderson	Calculated By: Ed Mabe	Checked By: kld
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