

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 10-22-85	
Company El Paso Natural Gas		Connection	
Pool Aztec Ext.		Formation Pictured Cliffs	
Completion Date 10-22-85		Total Depth 2445	Plug Back TD 2427
		Elevation 5895 GR	Farm or Lease Name Brookheaven Com
Csg. Size 2.875	Wt. 6.4	d 2.441	Set At 2445
Perforations: From 2312 To 2397		Well No. #17	
Tub. Size	Wt.	d	Set At
Tubingless Completion		Perforations: From To	
Type Well - Single - Bradenhead - G.C. or G.O. Multiple Single		Packer Set At None	Unit Sec. Twp. Hgt. N 36 31 12
Producing Thru Csg.	Reservoir Temp. °F a	Mean Annual Temp. °F	Baro. Press. - P _a 12
L H Gg		% CO ₂	% N ₂
		% H ₂ S	Prover
		Meter Run	Taps
State New Mexico			

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
1.									588		7 Days
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, F _{pv}	Rate of Flow Q, Mcfd
1.							
2.							
3.							
4.							
5.							

NO.	P _t	Temp. °R	T _r	Z	Gas Liquid Hydrocarbon Ratio	Mcf/bbl.
1.						
2.						
3.						
4.						
5.						

A.P.I. Gravity of Liquid Hydrocarbons _____ Deg. Specific Gravity Separator Gas _____ Specific Gravity Flowing Fluid _____ Critical Pressure _____ P.S.I.A. Critical Temperature _____ R					OCT 23 1985 OIL CON. DIV. DIST. 3		XXXXXXXXX	
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NO.	P _t	P _w	P _u	P _c - P _w	(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.						

Absolute Open Flow _____ Mcfd @ 15.025				Angle of Slope → _____	Slope, n _____
Remarks: _____					

Approved by Commission:	Conducted By: Carl Rhames	Calculated By: Ed Mabe	Checked By: kld
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