

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

Form C-122
 Revised 9-1-61

Type Test ☒ Initial ☐ Annual ☐ Special		Test Date 8-21-85	
Company El Paso Natural Gas		Connection	
Well Blanco		Formation Mesa Verde	
Completion Date 8-21-85	Total Depth 4886	Plug Back TD 4874	Elevation 5982 GR
Well No. G #13A	Form or Lease Name Schultz Gas Com		
Csg. Size 7.000	Int. 20	Set At 6.456 2375	Perforations: From *4435 To 4830
Trg. Size 2.375	Int. 4.7	Set At 1.995 4807	Perforations: From To
Type Well - Single - (Underside - G.C. or G.O. Multiple)		Packer Set At None	
Producing thru Tbg.		Reservoir Temp. °F 8	Mean Annual Temp. °F
L H		Base Press. - P _b 12	State New Mexico
G _g .690		% CO ₂	% H ₂
		% H ₂ S	Prover Meter Run Taps

FLOW DATA					TUBING DATA		CASING DATA		Duration of Flow
NO.	Flow Line Size	X	Orifice Size	Press. p.s.i.g.	Dill. h _w	Temp. °F	Press. p.s.i.g.	Temp. °F	
51							746	755	7 Days
1.			.750	63		74	63	271	3 Hrs.
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, Fsp	Rate of Flow Q, Mscf
1	12.365		75	.9868	.9325	1.008	860
2							
3							
4							
5							

NO.	P ₁	Temp. °R	T ₁	Z	Gas Liquid Hydrocarbon Ratio _____ A.P.I. Gravity of Liquid Hydrocarbons _____ Specific Gravity Separator Gas _____ Specific Gravity Flowing Fluid _____ Critical Pressure _____ Critical Temperature _____
1					
2					
3					
4					

P ₁ 765	P ₂ 58225	
NO.	P ₁	P ₂
1	283	80089
2		
3		
4		
5		

$$(1) \frac{P_2^2}{P_2^2 - P_1^2} = \frac{58225}{505136}$$

$$ACF = C \left[\frac{P_2^2}{P_2^2 - P_1^2} \right]^n = 960$$

$$(2) \left[\frac{P_2^2}{P_2^2 - P_1^2} \right]^n = 1.1167$$

Absolute Open Flow 960	Mscf @ 15.025	Angle of Slope φ	Slope, n .75
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Remarks: * 4.500" Liner 1682'-4886'.
 Produced slugs of oil & Gas for 1 1/2 Hrs. Gas vented during test 188MCF.

Approved by Commission:	Conducted By: Bill Norman	Calculated By: Cliff Brock	Checked By: kld
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RECEIVED
 SEP 30 1985
 OIL CON. DIV.
 DIST. 3