

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

Form C-122
Revised 9-1-65

RECEIVED
JAN 27 1986
OIL CON. DIV.
DST. 3

Type Test ☒ Initial ☐ Annual ☐ Special					Test Date 1-24-86		JAN 27 1986 OIL CON. DIV. DST. 3		
Company El Paso Natural Gas					Connection				
Pool Blanco					Formation Mesa Verde		Unit		
Completion Date 1-24-86			Total Depth 7085		Plug Back TD 7077		Elevation 6403 GR		Farm or Lease Name Hancock
Csg. Size 9.625	Wt. 40	d 8.835	Set At 2775	Perforations: From 4863* To 5008			Well No. #6-M		
Tbg. Size 1.900	Wt. 2.9	d 1.610	Set At 5197	Perforations: From To			Unit P	Sec. 29	Twp. 28
Type Well - Single - Bradenhead - G.G. or G.O. Multiple G.G. Dual					Packer Set At 5260'		County San Juan		
Producing Thru Tbg		Reservoir Temp. °F @		Mean Annual Temp. °F		Baro. Press. - P _a 12		State New Mexico	
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. h _w	Temp. °F	Press. p.s.i.g.	Temp. °F	Press. p.s.i.g.	Temp. °F	
SI							628		634		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 F _t	Gravity Factor F _g	Super Compress. Factor, F _{pv}	Rate of Flow Q, Mcfd
1	12.365		0	N/A	N/A	N/A	0
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. _____ P.S.I.A.	
5.					Critical Temperature _____ R _____ R	

NO.	P _i ²	P _w	P _w ²	P _c ² - P _w ²	(1) $\frac{P_c^2}{P_c^2 - P_w^2} =$ _____ (2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n =$ _____ AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n =$ _____
1					
2					
3					
4					
5					

Absolute Open Flow _____ Mcfd @ 15.025		Angle of Slope @ _____		Slope, n _____
Remarks: *4 1/2" Liner set 5308- 7085 *7" Liner set 2597 - 5400				

Approved By Commission:	Conducted By: Joe Gillentine	Calculated By: Scott H. Lindsay	Checked By: kld
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