NEW MEXICO OIL CONSERVATION COMMSSION

MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Form C-122
Revised 9-1-65

RECEIVED
NOV 12 1968
OIL CON. COM.
DIST. 3

Type Test: [X] Initial [ ] Annual [ ] Special				Test Date: 11-4-68	
Company: PAN AMERICAN PETROLEUM CORP.			Connection: None		Unit
Pool: Blanco			Formation: Pictured Cliffs		
Completion Date: 10-23-68	Total Depth: 2630		Plug Back TD: 2601	Elevation: /RDB GL 5801/5814	Farm or Lease Name: E. E. Elliott "B"
Csg. Size: 4.500 / Wt.: 9.5 / d: 4.090 / Set At: 2622			Perforations: From 2503 To 2518		Well No.: 12
Tbg. Size: 1.500 / Wt.: 2.90 / d: 1.610 / Set At: 2522			Perforations: From Open To Ended		Unit: N / Sec.: 27 / Twp.: 30 / Rge.: 9
Type Well – Single – Bradenhead – G.G. or G.O. Multiple: Single			Packer Set At: None		County: San Juan
Producing Thru: Casing	Reservoir Temp. °F: 90° @ TD est.	Mean Annual Temp. °F: 60° est.	Baro. Press. – P_a: 12 psia est.		State: New Mexico
L: 2511	H: 2511	Gg: .650 est.	% CO_2	% N_2	% H_2S / Prover / Meter Run / Taps

FLOW DATA

NO.	Line Size	X	Size Choke	Press. p.s.i.g.	Diff. h_w	Temp. °F	TUBING DATA Press. p.s.i.g.	TUBING DATA Temp. °F	CASING DATA Press. p.s.i.g.	CASING DATA Temp. °F	Duration of Flow
SI	7 Days						525		525		
1.	2 Inch		.750	148			173		148	60° est.	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, Fpv	Rate of Flow Q, Mcfd
1	12.3650		160	1.000	0.9608	1.014	1927
2.							
3.							
4.							
5.							

NO.	P_r	Temp. °R	T_r	Z
1.				
2.				
3.				
4.				
5.				

Gas Liquid Hydrocarbon Ratio _____ Mcf/bbl.
A.P.I. Gravity of Liquid Hydrocarbons _____ Deg.
Specific Gravity Separator Gas _____ XXXXXXXXXX
Specific Gravity Flowing Fluid XXXXX _____
Critical Pressure _____ P.S.I.A. _____ P.S.I.A.
Critical Temperature _____ R _____ R

P_c 537 P_c^2 288,369

NO	P_t^2	P_w	P_w^2	$P_c^2 - P_w^2$
1		185	34,225	254,144
2				
3				
4				
5				

(1) $\frac{P_c^2}{P_c^2 - P_w^2} = \frac{288,369}{254,144}$ (2) $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n = 1.1133$

AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n = 2145$

Absolute Open Flow 2145 Mcfd @ 15.025 Angle of Slope θ _____ Slope, n .85

Remarks: _____

Approved By Commission:	Conducted By:	Calculated By:	Checked By:
	B. D. Dukes		E. R. Hirst