NEW MEXICO OIL CONSERVATION COMMSSION

MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELLS

Form C-122
Revised 9-1-65

RECEIVED
NOV 18 1968
OIL CON. COM.
DIST. 3

Type Test: [X] Initial [ ] Annual [ ] Special			Test Date: 11-13-68	
Company: PAN AMERICAN PETROLEUM CORP.	Connection: None			Unit:
Pool: Blanco	Formation: Pictured Cliffs			
Completion Date: 11-6-68	Total Depth: 2755	Plug Back TD: 2711	Elevation / KDB: GL 5981 / 5994	Farm or Lease Name: A. L. Elliott "B"
Csg. Size: 4.500 / Wt.: 9.5 / d: 4.090 / Set At: 2749		Perforations: From 2627 To 2642		Well No.: 5
Tbg. Size: 1.500 / Wt.: 2.90 / d: 1.610 / Set At: 2643		Perforations: From Open Ended		Unit: K / Sec.: 12 / Twp.: 29 / 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	H	Gg	% CO_2	% N_2	% H_2S	Prover	Meter Run	Taps
2635	2635	.650 est.						

FLOW DATA

NO.	Line Size	X	Choke Size	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						563		563		
1.	2 Inch		.750	59			69	60° est.	59	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		71	1.000	.9608	1.007	850
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 _____ XXXXXXXXX
Specific Gravity Flowing Fluid XXXXX _____
Critical Pressure _____ P.S.I.A. _____ P.S.I.A.
Critical Temperature _____ R _____ R

P_c 575 P_c^2 330,625

NO	P_t^2	P_w	P_w^2	$P_c^2 - P_w^2$
1		81	6,561	324,064
2				
3				
4				
5				

(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.0202$ (2) $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n = 1.0171$

AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n = 865$

Absolute Open Flow 865 Mcfd @ 15.025 Angle of Slope θ _____ Slope, n .85

Remarks: _____

Original Signed by
G. W. EATON, JR.

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