NEW MEXICO OIL CONSERVATION COMMSSION

MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Form C-122
Revised 9-1-65

RECEIVED
AUG 17 1970
OIL CON. COM.
DIST. 3

Type Test: [X] Initial [ ] Annual [ ] Special				Test Date: 8-13-70	
Company: PAN AMERICAN PETROLEUM CORP.			Connection: None		
Pool: Basin			Formation: Dakota		Unit
Completion Date: 8-6-70	Total Depth: 6381		Plug Back TD: 6360	Elevation: KDB GL 5921/5934	Farm or Lease Name: Gallegos Canyon Unit
Csg. Size: 4.500 / Wt.: 10.5 / d: 4.052 / Set At: 6381			Perforations: From 6252 To 6344		Well No.: 265
Tbg. Size: 2.375 / Wt.: 4.7 / d: 1.995 / Set At: 6322			Perforations: From Open End To		Unit: P / Sec.: 25 / Twp.: 28 / Rge.: 12
Type Well – Single – Bradenhead – G.G. or G.O. Multiple: Single			Packer Set At: None		County: San Juan
Producing Thru: Tubing	Reservoir Temp. °F: 90° @ TD		Mean Annual Temp. °F: Est. 60°	Baro. Press. – P_a: 12 PSIA Est.	State: New Mexico

L	H	Gg	% CO_2	% N_2	% H_2S	Prover	Meter Run	Taps
6298	6298	.680						

	FLOW DATA					TUBING DATA		CASING DATA		
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	Duration of Flow
SI	7 Days					1838		1980		
1.	2 Inch	.750	206			206		614		
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		218	1.000	.9393	1.023	2590
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 1992 P_c^2 3,968,064

NO	P_t^2	P_w	P_w^2	$P_c^2 - P_w^2$
1		626	391,876	3,576,188
2				
3				
4				
5				

(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.1096$ (2) $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n = 1.0811$

AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n = 2800$

Absolute Open Flow 2800 Mcfd @ 15.025 Angle of Slope θ _____ Slope, n .75

Remarks: _____

Approved By Commission:	Conducted By:	Calculated By:	Checked By:
	B. D. Dukes	L. R. Olsen	J. J. Layton