NEW MEXICO OIL CONSERVATION COMMSSION

MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Form C-122
Revised 12-1-55

RECEIVED
JUL 22 1968
OIL CON. COM.
DIST. 3

Type Test: [X] Initial [ ] Annual [ ] Special				Test Date: 7-9-68	
Company: PAN AMERICAN PETROLEUM CORP.			Connection: None		
Pool: Basin			Formation: Dakota		Unit:
Completion Date: 7-2-68	Total Depth: 5916		Plug Back TD: 5880	Elevation: DF GL 5290/ KB 5304	Farm or Lease Name: Gallegos Canyon Unit
Csg. Size: 4.500 / Wt.: 10.5 / d: 4.052 / Set At: 5914			Perforations: From 5696 To 5810		Well No.: 262
Tbg. Size: 2-3/8 / Wt.: 4.7 / d: 1.995 / Set At: 5772			Perforations: From 5735 To 5741		Unit: N / Sec.: 24 / Twp.: 29 / Rge.: 13
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° est. TD	Mean Annual Temp. °F: Est. 60°	Baro. Press. – P_a: 12 PSIA est.		State: New Mexico
L: 5738	H: 5738	Gg: .700 est.	% CO_2	% N_2	% H_2S / Prover / Meter Run / Taps

FLOW DATA

NO.	Line Size	X	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						1935		1930		
1.	2 Inch		.750	321			321	60° est.	728	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		333	1.000	.9258	1.040	3964
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 1935 P_c^2 3,744,225

NO	P_t^2	P_w	P_w^2	$P_c^2 - P_w^2$
1		740	547,600	3,196,625
2				
3				
4				
5				

(1) $\frac{P_c^2}{P_c^2 - P_w^2} = \frac{3,744,225}{3,196,625}$ (2) $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n = 1.1258$

AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n = 4463$

Absolute Open Flow 4463 Mcfd @ 15.025 | Angle of Slope θ _____ | Slope, n .75

Remarks: _____

Original Signed by
C. W.

Approved By Commission:	Conducted By:	Calculated By:	Checked By:
	B. D. Dukes		R. S. Lodean