NEW MEXICO OIL CONSERVATION COMMSSION

MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Form C-122
Revised 9-1-65

Type Test: [X] Initial [ ] Annual [ ] Special				Test Date: 12-19-69	
Company: PAN AMERICAN PETROLEUM CORP.		Connection: None			
Pool: Ballard		Formation: Pictured Cliffs		Unit	
Completion Date: 12-12-69	Total Depth: 2952	Plug Back TD: 2914	Elevation: GL 7198/ 7212	Farm or Lease Name: Jicarilla Tribal 390	
Csg. Size: 4.500 / Wt.: 9.5 / d: 4.090 / Set At: 2948		Perforations: From 2829 To 2852		Well No.: 2	
Tbg. Size: 1.660 / Wt.: 2.4 / d: 1.380 / Set At: 2842		Perforations: From Open End To		Unit: I / Sec.: 24 / Twp.: 23 / Rge.: 4	
Type Well – Single – Bradenhead – G.G. or G.O. Multiple: Single		Packer Set At: None		County: Sandoval	
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: 2841 / H: 2841 / Gg: .650	% CO_2	% N_2	% H_2S	Prover	Meter Run / Taps

NO.	FLOW DATA: Line Size	X	Choke Size	Press. p.s.i.g.	Diff. h_w	Temp. °F	TUBING DATA: Press. p.s.i.g.	Temp. °F	CASING DATA: Press. p.s.i.g.	Temp. °F	Duration of Flow
SI	7 Days						701		700		
1.	2 Inch		.750	74			74	60° Est.	356		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		86	1.000	.9608	1.010	1032
2.							
3.							
4.							
5.							

NO.	P_t	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

RECEIVED
JAN 14 1970
OIL CON. C
DIST. 3

P_c 713 P_c^2 508,369

NO	P_t^2	P_w	P_w^2	$P_c^2 - P_w^2$
1		368	135,424	372,945
2				
3				
4				
5				

(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.3631$ (2) $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n = 1.3011$

AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n = 1343$

Absolute Open Flow 1343 Mcfd @ 15.025 | Angle of Slope θ _____ | Slope, n .85

Remarks: _____

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