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: 2-18-76	
Company: R & G Drilling Company		Connection: Waiting on pipeline			
Pool: Largo Chacra		Formation: Chacra		Unit:	
Completion Date: 12-19-76	Total Depth: 4660	Plug Back TD: 4619	Elevation: 5942 KB	Farm or Lease Name: Marron	
Csg. Size: 5-1/2 / Wt.: 15.50 / d: 4.950 / Set At: 4660		Perforations: From 3084 To 3128		Well No.: 42-A	
Tbg. Size: 1.660 / Wt.: 2.40 / d: 1.380 / Set At: 3193		Perforations: From Open To Ended		Unit: C / Sec.: 22 / Twp.: 27N / Rge.: 8W	
Type Well – Single – Bradenhead – G.G. or G.O. Multiple: Dual		Packer Set At: 3300		County: San Juan	
Producing Thru: tubing	Reservoir Temp. °F: - @ -	Mean Annual Temp. °F: 60	Baro. Press. – P_a: 12.0	State: New Mexico	
L: 3193 / H: 3193 / Gg: 0.600	% CO_2: -	% N_2: -	% H_2S: --	Prover: -	Meter Run: - / Taps: -

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					1011		1011		8 da.
1.	3/4" THC				42		223		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		54	1.0000	1.0000	1.0000	668
2.							
3.							
4.							
5.							

NO.	P_t	Temp. °R	T_f	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 _____ XXX
Critical Pressure _____ P.S.I.A. _____ P.S.I.A.
Critical Temperature _____ R _____ R

RECEIVED FEB 23 1976 OIL CON. COM. DIST. 3

P_c 1023 P_c^2 1,046,592

NO	P_t^2	P_w	P_w^2	$P_c^2 - P_w^2$
1		235	55,225	991,304
2				
3				
4				
5				

(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.0557$ (2) $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n = 1.0472$

AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n = 699$

Absolute Open Flow 699 Mcfd @ 15.025 Angle of Slope θ _____ Slope, n 0.85

Remarks: _____

Approved By Commission:	Conducted By:	Calculated By:	Checked By:
	Bob Dintlemen	Ewell N. Walsh	