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: 2-13-73	
Company: AMOCO PRODUCTION COMPANY			Connection		
Pool: Gonzales Mesa/Otero Chacra			Formation: Mesaverde		Unit
Completion Date: 2-6-73	Total Depth: 5180		Plug Back TD: 5141	Elevation: KB 6415	Farm or Lease Name: Jicarilla Contract 155
Csg. Size: 5-1/2 / Wt.: 14# / d: 5.012 / Set At: 5780			Perforations: From 4828 To 4958		Well No.: 24
Tbg. Size: 2-1/16 / Wt.: 3.2# / d: 1.751 / Set At: 4937			Perforations: From To		Unit: M / Sec.: 31 / Twp.: 26N / Rge.: 5W
Type Well – Single – Bradenhead – G.G. or G.O. Multiple: G.G.			Packer Set At: 4733		County: Rio Arriba
Producing Thru: Tubing	Reservoir Temp. °F: @	Mean Annual Temp. °F	Baro. Press. – P_a		State: New Mexico
L: 4937 / H: 4937 / Gg: .65	% CO_2	% N_2	% H_2S	Prover	Meter Run / Taps

FLOW DATA					TUBING DATA		CASING DATA		
NO.	Line Size	X Size Choke	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					1227				
1.	2-Inch	.750				120			60°	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	12.365		132	1.000	.9608	1.012	1587
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 _____ XXXXXXXXX
Specific Gravity Flowing Fluid _____ XXXXX
Critical Pressure _____ P.S.I.A. 3
Critical Temperature _____ R

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P_c 1239 P_c^2 1535121

NO	P_t^2	P_w	P_w^2	$P_c^2 - P_w^2$
1		328	107,584	1427537
2				
3				
4				
5				

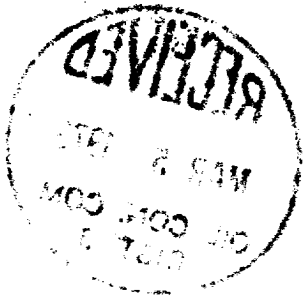
(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.0753$ (2) $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n = 1.0558$

AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n = 1676$

Absolute Open Flow 1676 Mcfd @ 15.025 | Angle of Slope θ _____ | Slope, n .75

Remarks: _____

Approved By Commission:	Conducted By:	Calculated By:	Checked By:
	T. M. Oliver	J. A. Pope	J. Arnold Snell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