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: 1-14-73	
Company: AMOCO PRODUCTION COMPANY	Connection: None			
Pool: Blanco	Formation: Pictured Cliffs		Unit:	
Completion Date: 1-7-73	Total Depth: 2240	Plug Back TD: 2191	Elevation: 5643' KB	Farm or Lease Name: W. D. Heath "A"
Csg. Size: 4.500 / Wt.: 9.5 / d: 4.050 / Set At: 2231		Perforations: From 2084 To 2128		Well No.: 13
Tbg. Size: 1.66" OD / Wt.: 2.40 / d: 1.38 / Set At: 2120		Perforations: From Open To Ended		Unit: N / Sec.: 17 / Twp.: 29N / Rge.: 9W
Type Well – Single – Bradenhead – G.G. or G.O. Multiple: Single		Packer Set At: --		County: San Juan
Producing Thru: Tubing	Reservoir Temp. °F: @	Mean Annual Temp. °F: 60° Est.	Baro. Press. – P_a: 12 PSIA est.	State: New Mexico
L:	H:	Gg: .65	% CO_2:	% N_2: / % H_2S: / Prover: / Meter Run: / Taps:

FLOW DATA

NO.	Prover Line Size	X	Orifice Size / Choke	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						767		767		
1.	2"		0.750"				59		199		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		71	1.000	.9608	1.010	852
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.
Critical Temperature _____ R

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DIST. 3

P_c 779 P_c^2 606,841

NO	P_t^2	P_w	P_w^2	$P_c^2 - P_w^2$
1		211	44,521	562,320
2				
3				
4				
5				

(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.0792$ (2) $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n = 1.0669$

AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n = 909$

Absolute Open Flow 909 Mcfd @ 15.025 | Angle of Slope θ _____ | Slope, n .85

Remarks: _____

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