NEW MEXICO OIL CONSERVATION COMMSSION

MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Form C-122
Revised 9-1-65

RECEIVED
JUL 6 1972
OIL CON. COM.
DIST. 3

Type Test: [X] Initial [ ] Annual [ ] Special				Test Date: 6-29-72	
Company: AMOCO PRODUCTION COMPANY			Connection: None		
Pool: Blanco			Formation: Pictured Cliffs		Unit:
Completion Date: 6-21-72	Total Depth: 2591'		Plug Back TD: 2552'	Elevation: 5874' (GL)	Farm or Lease Name: W. D. Heath "B"
Csg. Size: 4.500 / Wt.: 9.5 / d: 4.090 / Set At: 2591			Perforations: 2488/99 From 2469/78 To 2506-22		Well No.: 4
Tbg. Size: 1.660 / Wt.: 2.4 / d: 1380 / Set At: 2528			Perforations: From Open To Ended		Unit: A / Sec.: 31 / Twp.: 30N / Rge.: 9W
Type Well – Single – Bradenhead – G.G. or G.O. Multiple: Single			Packer Set At: None		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: .650	% 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	8 Day					968		978		
1.	2-Inch	0.750	154			154	60° est.	559	60° est.	3 Hr.
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		166	1.000	0.9608	1.015	2002
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 _____ XXXXXXXXX
Specific Gravity Flowing Fluid XXXXX _____
Critical Pressure _____ P.S.I.A. _____ P.S.I.A.
Critical Temperature _____ R _____ R

P_c 990 P_c^2 980100

NO	P_t^2	P_w	P_w^2	$P_c^2 - P_w^2$
1		571	326041	654059
2				
3				
4				
5				

(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.4985$ (2) $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n = 1.410$

AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n = 2823$

Absolute Open Flow 2809 Mcfd @ 15.025 | Angle of Slope θ _____ | Slope, n .85

Remarks: _____

Approved By Commission:	Conducted By:	Calculated By:	Checked By:
	J. F. Elledge	P. C. Ellison	J. W. Calvin