NEW MEXICO OIL CONSERVATION COMMSSION

MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Form C-122
Revised 9-1-65

RECEIVED
OCT 19 1984
OIL CON. DIV.
DIST. 3

Type Test: [X] Initial [ ] Annual [X] Special				Test Date: 9/20/84	
Company: Amoco Production Co.			Connection: El Paso Natural Gas Co.		Unit
Pool: Blanco			Formation: Mesa Verde		
Completion Date: 9/5/84	Total Depth: 4547		Plug Back TD: 4536	Elevation: 5580 GR	Farm or Lease Name: Lefkovitz Gas Com "B"
Csg. Size: 4.500 / Wt.: 10.5 / d: 4.052 / Set At: 4547			Perforations: From 3815 To 4253		Well No.: 1A
Tbg. Size: 2.375 / Wt.: 4.7 / d: 1.995 / Set At: 4253			Perforations: From open To ended		Unit: G / Sec.: 25 / Twp.: 29 / Rge.: 10
Type Well – Single – Bradenhead – G.G. or G.O. Multiple: Singe			Packer Set At: None		County: San Juan
Producing Thru: tubing	Reservoir Temp. °F: @	Mean Annual Temp. °F	Baro. Press. – P_a		State: New Mexico
L	H	Gg	% CO_2	% N_2	% H_2S / Prover / Meter Run / Taps

FLOW DATA

NO.	Prover Line Size	X	Orifice Size	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	8 days						1111		1111		
1.	2.375		.750				124		476		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		136	1.000	.9258	1.012	1576
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. _____ P.S.I.A.
Critical Temperature _____ R _____ R

P_c 1123 P_c^2 1261129

NO	P_t^2	P_w	P_w^2	$P_c^2 - P_w^2$
1		488	238144	1022985
2				
3				
4				
5				

(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.2328$ (2) $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n = 1.1700$

AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n = 1844$

Absolute Open Flow 1844 Mcfd @ 15.025 | Angle of Slope θ _____ | Slope, n .75

Remarks: Did not flare, heavy spray H_2O

Approved By Commission:	Conducted By:	Calculated By:	Checked By:
	J. Barnett	J. Barnett	