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: 3-27-80	
Company: El Paso Natural Gas Co.			Connection:		
Pool: Blanco			Formation: Mesa Verde		Unit:
Completion Date: 03-19-80	Total Depth: 5747'		Plug Back TD: 5729'	Elevation:	Farm or Lease Name: Atlantic
Csg. Size: 4.500 / Wt.: 10.5 / d: 4.052 / Set At: 5747			Perforations: From 4570 To 5661		Well No.: A #6A (MV)
Tbg. Size: 2.375 / Wt.: 4.7 / d: 1.995 / Set At: 5631'			Perforations: From To		Unit: E / Sec.: 26 / Twp.: 31 / Rge.: 10
Type Well – Single – Bradenhead – G.G. or G.O. Multiple: G.G.			Packer Set At:		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
3660						Choke		

	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						346				8 days
1.		.750	137		61°					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		149	0.9990	.9608	1.013	1791
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 .650 XXXXXXXXX
Specific Gravity Flowing Fluid XXXXX
Critical Pressure _____ P.S.I.A. _____ P.S.I.A.
Critical Temperature _____ R _____ R

P_c 358 P_c^2 128164

NO	P_t^2	P_w	P_w^2	$P_c^2 - P_w^2$
1		298	88804	39360
2				
3				
4				
5				

(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 3.2562$ (2) $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n = 2.4240$

AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n = 4341$

Absolute Open Flow 4341 Mcfd @ 15.025 Angle of Slope θ _____ Slope, n .75

Remarks: Well blew dry gas throughout test, and vented 170 MCF to the atmosphere.

RECEIVED
APR 1 1980
OIL CON. COM.
DIST. 3

Approved By Commission:	Conducted By:	Calculated By:	Checked By:
	J. Thurstonson	C. R. Wagner	