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: 5-7-80	
Company: El Paso Natural Gas Company			Connection:		
Pool: Blanco			Formation: Mesa Verde		Unit:
Completion Date: 4-18-80		Total Depth: 5679	Plug Back TD: 5662	Elevation:	Farm or Lease Name: Hardie D (PM)
Csg. Size: 4.500	Wt.: 10.5	d: 4.052	Set At: 5679	Perforations: From 4658 To 5630	Well No.: 1A
Tbg. Size: 2.375	Wt.: 4.7	d: 1.995	Set At: 5614	Perforations: From To	Unit: O Sec.: 12 Twp.: 28 Rge.: 8
Type Well – Single – Bradenhead – G.G. or G.O. Multiple: G.G			Packer Set At: 3269		County: San Juan
Producing Thru: Tub	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
3761								

	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						756				19 Days
1.		.750	271		74					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		283	.9868	.9463	1.028	3359
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 768 P_c^2 589824

NO	P_t	P_w	P_w^2	$P_c^2 - P_w^2$
1	80089	564	318095	271729
2				
3				
4				
5				

(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 2.1706$ (2) $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n = .7883$

AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n = 6007$

RECEIVED
MAY 9 1980
OIL CON. COM.
DIST. 3

Absolute Open Flow 6007 Mcfd @ 15.025 Angle of Slope θ _____ Slope, n .75

Remarks: Well Blew Dry Gas Throughout Test and Vented 346 MCF/D

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