STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION

P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

Form C-122
Revised 10-1-78

MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Type Test: [X] Initial [ ] Annual [ ] Special				Test Date: 2-14-80	
Company: El Paso Natural Gas Company			Connection:		
Pool: Blanco			Formation: Mesa Verde		Unit:
Completion Date: 1-25-80	Total Depth: 5439		Plug Back TD: 5421	Elevation:	Farm or Lease Name: Kelly
Csg. Size: 4.500 / Wt.: 10.5 / d: 4.052	Set At: 5439		Perforations: From 4204 To 5281		Well No.: 2A
Tbg. Size: 2.375 / Wt.: 4.7 / d: 1.995	Set At: 5261		Perforations: From To		Unit: J / Sec.: 35 / Twp.: 30 / Rge.: 10
Type Well – Single – Bradenhead – G.G. or G.O. Multiple: Duel G.G.			Packer Set At: 2939		County: San Juan
Producing Thru: Tubing	Reservoir Temp. °F:	Mean Annual Temp. °F:	Baro. Press. – P_a:		State: New Mexico
L: 3420	H:	Gg:	% CO_2:	% N_2:	% H_2S: Prover: Meter Run: 4" Taps: XX

FLOW DATA / TUBING DATA / CASING DATA

NO.	Prover Line Size	X Orifice Size	Press. p.s.i.g.	Diff. h_w	Temp. °F	Tubing Press. p.s.i.g.	Tubing Temp. °F	Casing Press. p.s.i.g.	Casing Temp. °F	Duration of Flow
SI						952				20 Days
1.	4"		542	8.0	44					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	32.64	96.88		1.0158	1.240	1.068	4254
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 _____ XXXXXXXXXX
Specific Gravity Flowing Fluid XXXXX
Critical Pressure _____ P.S.I.A. _____ P.S.I.A.
Critical Temperature _____ R _____ R

P_c 964 P_c^2 929296

NO	P_t^2	P_w	P_w^2	$P_c^2 - P_w^2$
1	306916	812	659344	269952
2				
3				
4				
5				

(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 3.4424$ (2) $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n$ n = 2.5273

AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n = 10,751$

RECEIVED
FEB 19 1980
OIL CON. COM.
DIST. 3

Absolute Open Flow 10,751 Mcfd @ 15.025 Angle of Slope θ _____ Slope, n .75

Remarks: Well Was Tested Thru a 3/4 Variable Choke, W/Test Unit.
Did Not Produce Any Oil, Vented 199 MCF/D to the Atmosphere During Test

Approved By Division	Conducted By: C. Rhames	Calculated By: C.R. WAGNER	Checked By: