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: 2-12-80	
Company: El Paso Natural Gas Company	Connection:		
Pool: Blanco	Formation: Mesa Verde		Unit: San Juan
Completion Date: 1-22-80	Total Depth: 6138	Plug Back TD: 6120	Elevation:	Farm or Lease Name: 32-9 Unit
Csg. Size: 4.500 / Wt.: 10.5 / d: 4.052 / Set At: 6138	Perforations: From 5283 To 6038			Well No.: 18A
Tbg. Size: 2.375 / Wt.: 4.7 / d: 1.995 / Set At: 6021	Perforations: From To			Unit: L / Sec.: 17 / Twp.: 31 / Rge.: 9
Type Well – Single – Bradenhead – G.G. or G.O. Multiple: Single	Packer Set At:			County: San Juan
Producing Thru:	Reservoir Temp. °F: 0	Mean Annual Temp. °F:	Baro. Press. – P_a:	State: New Mexico

L	H	G_g	% 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						360		742		21 Days
1.										
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							
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

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

(1) $\frac{P_c^2}{P_c^2 - P_w^2} =$ _____ (2) _____

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

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OIL CON. COM.
DIST. 3

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

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