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: 3-25-80	
Company: El Paso Natural Gas Company			Connection:		
Pool: Basin			Formation: Dakota		Unit:
Completion Date: 3-15-80	Total Depth: 7007		Plug Back TD: 6990	Elevation:	Farm or Lease Name: Lodewick
Csg. Size: 4.500 / Wt.: 10.5 / d: 4.052 / Set At: 7007			Perforations: From 6681 To 6874		Well No.: #11E
Tbg. Size: 2.375 / Wt.: 4.7 / d: 1.995 / Set At: 6868			Perforations: From To		Unit: H / Sec.: 30 / Twp.: 27 / Rge.: 9
Type Well – Single – Bradenhead – G.G. or G.O. Multiple: Single			Packer Set At:		County: San Juan
Producing Thru:	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					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						521		1268		10 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_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 _____

P_c _____ P_c^2 _____

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

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

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

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

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DIST. 3

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

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