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: 9-16-85	
Company: Curtis J. Little	Connection: El Paso Natural Gas Co.			
Pool: Otera	Formation: Chacra		Unit	
Completion Date: 9-7-85	Total Depth: 3575	Plug Back TD: 3548	Elevation: 6650 G.L.	Farm or Lease Name: Salazar
Csg. Size: 4 1/2 / Wt.: 10.5 / d: 4.052 / Set At: 3568		Perforations: From 3412 To 3529		Well No.: 10
Tbg. Size: 2 3/8 / Wt.: 4.7 / d: 1.995 / Set At: 3503		Perforations: From open To ended		Unit: K / Sec.: 22 / Twp.: 25 / Rge.: 6
Type Well – Single – Bradenhead – G.G. or G.O. Multiple: G.G. Dual		Packer Set At: 2716		County: Rio Arriba
Producing Thru: tubing	Reservoir Temp. °F:	Mean Annual Temp. °F:	Baro. Press. – P_a: 12 psia(est.)	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	9 days					545				
1.	2 inch	.750				32	60°			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	12.3650		44	1.000	.9608	1.001	523
2.							
3.							
4.							
5.							

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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 _____ XXXXXXXXX
Specific Gravity Flowing Fluid _____ XXXXXXXXX
Critical Pressure _____ P.S.I.A. _____ P.S.I.A.
Critical Temperature _____ R _____ R

P_c 557 P_c^2 310249

NO	P_t^2	P_w	P_w^2	$P_c^2 - P_w^2$
1		74	5539	304710
2				
3		calculated		
4				
5				

(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.018$ (2) $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n = 1.0136$

AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n = 530$

Absolute Open Flow 530 Mcfd @ 15.025 | Angle of Slope θ _____ | Slope, n .75

Remarks: _____

Approved By Division	Conducted By:	Calculated By:	Checked By:
	Joe Elledge	Joe Elledge	Curtis J. Little