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			
Pool: Otera		Formation: Chacra		Unit	
Completion Date: 9-5-85	Total Depth: 3335	Plug Back TD: 3288	Elevation: 3618 G.L.	Farm or Lease Name: Salazar	
Csg. Size: 4 1/2 / Wt.: 10.5 / d: 4.052 / Set At: 3321		Perforations: From 3144 To 3227		Well No.: 12	
Tbg. Size: 2 3/8 / Wt.: 4.7 / d: 1.995 / Set At: 3320		Perforations: From open To ended		Unit: A / Sec.: 21 / Twp.: 25 / Rge.: 6	
Type Well – Single – Bradenhead – G.G. or G.O. Multiple: G.G. Dual		Packer Set At: 2460		County: Rio Arriba	
Producing Thru: tubing	Reservoir Temp. °F:	Mean Annual Temp. °F:	Baro. Press. – P_a: 12 psi (est.)	State: New Mexico	
L: 2044	H:	Gg: .650	% 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	Tubing Press. p.s.i.g.	Tubing Temp. °F	Casing Press. p.s.i.g.	Casing Temp. °F	Duration of Flow
SI	11 days					722				
1.	2 inch	.750				31	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		43	1.000	.9608	1.001	511
2.							
3.							
4.							
5.							

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DIST. 3

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 _____ XXXXXX
Critical Pressure _____ P.S.I.A. _____ P.S.I.A.
Critical Temperature _____ R _____ R

P_c 734 P_c^2 538756

NO	P_t^2	P_w	P_w^2	$P_c^2 - P_w^2$
1		71	5034	533722
2				
3		calculated		
4				
5				

(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.009$ (2) $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n = 1.0071$

AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n = 515$

Absolute Open Flow 515 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