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: 3-3-83	
Company: Petro-Lewis Corporation			Connection: El Paso Natural Gas Co.		
Pool: Blanco			Formation: Mesaverde		Unit
Completion Date: 12-8-92	Total Depth: 8420		Plug Back TD: 6080	Elevation: 7227 K.B.	Farm or Lease Name: Florance
Csg. Size: 5 1/2 / Wt.: 15.5 / d: 4.950 / Set At: 8420			Perforations: From 5406 To 5926		Well No.: [redacted] 10
Tbg. Size: 2 3/8 / Wt.: 4.7 / d: 1.995 / Set At: 5400			Perforations: From open To ended		Unit: N / Sec.: 5 / Twp.: 25 / Rge.: 3
Type Well – Single – Bradenhead – G.G. or G.O. Multiple: Single			Packer Set At: B.P. @ 6080		County: Rio Arriba
Producing Thru: Tubing	Reservoir Temp. °F: @	Mean Annual Temp. °F	Baro. Press. – P_a: 12 psia		State: New Mexico
L	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	65 days						1566		1572		
1.	2 inch		.750				91	60°	784	60°	3 hours
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		103	1.000	.9608	1.010	1236
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 _____ XXXXXXXXX
Specific Gravity Flowing Fluid XXXXX _____
Critical Pressure _____ P.S.I.A. _____ P.S.I.A.
Critical Temperature _____ R _____ R

P_c 1584 P_c^2 2509056

NO	P_t^2	P_w	P_w^2	$P_c^2 - P_w^2$
1		796	633616	1875440
2				
3				
4				
5				

(1) $\frac{P_c^2}{P_c^2 - P_w^2}$ = 1.3378 (2) $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n$ = 1.24395

AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n$ = 1537

Absolute Open Flow 1537 Mcfd @ 15.025 Angle of Slope θ _____ Slope, n .75

Remarks: _____

Approved By Division	Conducted By:	Calculated By:	Checked By:
	Joe Elledge	Joe Elledge	William D. Fulton