STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

Revised 10-1-78

MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELLS

SEP 15 1982
OIL CON. COM.
DIST. 3

Type Test: [X] Initial [ ] Annual [ ] Special				Test Date: 9-10-82	
Company: Curtis J. Little			Connection: El Paso		Unit
Pool: Fulcher Kutz			Formation: Pictured Cliff		
Completion Date: 9-3-82	Total Depth: 2562		Plug Back TD: 2544	Elevation: 6692 G.L.	Farm or Lease Name: Wiedemer
Csg. Size: 2 7/8	Wt.: 6.5	d: 2.441	Set At: 2559	Perforations: From 2407 To 2414	Well No.: 2
Tbg. Size:	Wt.: slim hole	d:	Set At:	Perforations: From To	Unit: A Sec.: 34 Twp.: 27 Rge.: 10
Type Well – Single – Bradenhead – G.G. or G.O. Multiple: Single			Packer Set At: None		County: San Juan
Producing Thru: Casing	Reservoir Temp. °F	Mean Annual Temp. °F	Baro. Press. – P_a		State: New Mexico
L	H	Gg: .650	% CO_2	% N_2	% H_2S

	Prover Line Size	X	Orifice Size	Press. p.s.i.g.	Diff. h_w	Temp. °F	TUBING DATA Press. p.s.i.g.	TUBING DATA Temp. °F	CASING DATA Press. p.s.i.g.	CASING DATA Temp. °F	Duration of Flow
NO.											
SI	7 days								269		
1.	2 inch		.750	44					44	51°	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		56		.9608	1.003	673
2.				1.0088			
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 281 P_c^2 78961

NO	P_t^2	P_w	P_w^2	$P_c^2 - P_w^2$
1		59	3429	75532
2				
3		calculated		
4				
5				

(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.0454$ (2) $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n = 1.03846$

AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n = 698$

Absolute Open Flow 698 Mcfd @ 15.025 Angle of Slope θ _____ Slope, n .85

Remarks: Dry gas throughout test

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