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 [X] Special				Test Date: 10-21-87	
Company: Amoco Production Company		Connection: El Paso			Unit
Pool: Basin		Formation: Dakota			
Completion Date: 9-25-87	Total Depth: 7287	Plug Back TD: 7281	Elevation: 5996 GR		Farm or Lease Name: A.L. Elliott "G"
Csg. Size: 4.500 / Wt.: 11.6 / d: 4.000 / Set At: 7287		Perforations: From 7008 To 7262			Well No.: 1
Tbg. Size: 2375 / Wt.: 4.7 / d: 1.995 / Set At: 7261		Perforations: From Open To Ended			Unit: F / Sec.: 12 / Twp.: 29 / Rge.: 9
Type Well – Single – Bradenhead – G.G. or G.O. Multiple: Single		Packer Set At: None			County: SJ
Producing Thru: Tubing	Reservoir Temp. °F	Mean Annual Temp. °F	Baro. Press. – P_a		State: NM
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	8					1820		2025		3 hrs.
1.	2.375	.750				82		482		
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	12.365		94	1.000	.9258	1.011	1088
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 2037 P_c^2 4149369

NO	P_t^2	P_w	P_w^2	$P_c^2 - P_w^2$
1		494	244036	3905333
2				
3				
4				
5				

(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.0625$

(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n = .0465$

AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n = 1139$

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OIL CON. DIV.
DIST. 3

Absolute Open Flow 1139 Mcfd @ 15.025 Angle of Slope θ _____ Slope, n .75

Remarks: Lite H_2O Flared

Approved By Division	Conducted By:	Calculated By:	Checked By: