STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

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: 1-18-86	
Company: Amoco Production Co.	Connection: El Paso			Unit
Pool: Basin	Formation: Dakota			
Completion Date: 12-31-85	Total Depth: 7259	Plug Back TD: 7250	Elevation: 5902GL	Farm or Lease Name: E.E. Elliot "B"
Csg. Size: 4.500 / Wt.: 11.6 / d: 4.000 / Set At: 7259		Perforations: From 6990 To 7230		Well No.: 9E
Tbg. Size: 2.375 / Wt.: 4.7 / d: 1.995 / Set At: 7221		Perforations: From OPEN To ENDED		Unit: F / Sec.: 26 / Twp.: 30 / Rge.: 9
Type Well – Single – Bradenhead – G.G. or G.O. Multiple: single		Packer Set At: none		County: San Juan
Producing Thru: tubing	Reservoir Temp. °F: 0	Mean Annual Temp. °F	Baro. Press. – P_a	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	Tubing Press. p.s.i.g.	Tubing Temp. °F	Casing Press. p.s.i.g.	Casing Temp. °F	Duration of Flow
SI	8 days						1465		1547		
1.	2.375		.750				121		427		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	12.365		133	1.000	.9258	1.015	1545
2.							
3.							
4.							
5.							

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DIST. 3

NO.	P_t	Temp. °R	T_t	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 _____ XXXXX
Critical Pressure _____ P.S.I.A. _____ P.S.I.A.
Critical Temperature _____ R _____ R

P_c 1559 P_c^2 2430481

NO	P_t^2	P_w	P_w^2	$P_c^2 - P_w^2$
1		439	192721	2237760
2				
3				
4				
5				

(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.0861$ (2) $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n = 1.0639$

AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n = 1644$

Absolute Open Flow 1644 Mcfd @ 15.025 Angle of Slope θ _____ Slope, n .75

Remarks: Flared. Lite H20. Lite condensate

Approved By Division	Conducted By:	Calculated By:	Checked By:
	Bryan Services	J.J. Barnett	