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: 5-26-85	Flac
Company: Amoco Production Co.	Connection: El Paso Natural Gas Company			846398-01-4
Pool: Basin	Formation: Dakota			Unit
Completion Date: 5-14-85	Total Depth: 6500	Plug Back TD: 6474	Elevation: 6096GR	Farm or Lease Name: Gallegos Canyon Unit
Csg. Size: 7.000 / Wt.: 23 / d: 6.366 / Set At: 6500		Perforations: From 6346 To 6438		Well No.: 84E
Tbg. Size: 2.375 / Wt.: 4.7 / d: 1.995 / Set At: 6406		Perforations: From open To ended		Unit: G / Sec.: 26 / Twp.: 28 / Rge.: 13
Type Well – Single – Bradenhead – G.G. or G.O. Multiple: Single		Packer Set At: None		County: San Juan
Producing Thru: tubing	Reservoir Temp. °F: 6	Mean Annual Temp. °F	Baro. Press. – P_a	State: New Mexico
L	H	Cg	% 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	7 days					1265		1267		
1.	2.375	.250				817		941		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	1.3309		829	1.000	.9258	1.091	1114
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 _____ XXXXXXXXXX
Specific Gravity Flowing Fluid _____ XXXXX _____
Critical Pressure _____ P.S.I.A. _____ P.S.I.A.
Critical Temperature _____ R _____ R

RECEIVED
JUN 19 1985
OIL CON. DIV.
DIST. 3

P_c 1279 P_c^2 1635841

NO	P_t	P_w	P_w^2	$P_c^2 - P_w^2$
1		953	908209	727632
2				
3				
4				
5				

(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 2.2481$ (2) $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n = 1.8360$

AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n = 2045$

Absolute Open Flow 2045 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:
	Joe Elledge	J.J. Barnett	