NEW MEXICO OIL CONSERVATION COMMSSION

MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Form C-122
Revised 9-1-65

Type Test: [XX] Initial [ ] Annual [ ] Special			Test Date: 08 25 80	
Company: AMOCO PRODUCTION CO.	Connection: EL PASO NATURAL GAS CO.			
Pool: BASIN	Formation: DAKOTA			Unit:
Completion Date: 06 30 80	Total Depth: 6214	Plug Back TD: 6174	Elevation: 5529 GL	Farm or Lease Name: GALLEGOS CANYON UNIT
Csg. Size: 4.500 / Wt.: .10.5 / d: 4.052 / Set At: 6214		Perforations: From 5968 To 6088		Well No.: 195E
Tbg. Size: 2.375 / Wt.: 4.7 / d: 1.995 / Set At: 6145		Perforations: From open To ended		Unit: P / Sec.: 33 / Twp.: 29N / Rge.: 12W
Type Well – Single – Bradenhead – G.G. or G.O. Multiple: SINGLE		Packer Set At: NONE		County: SAN JUAN
Producing Thru: TUBING	Reservoir Temp. °F: @	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	Press. p.s.i.g.	Temp. °F	Press. p.s.i.g.	Temp. °F	Duration of Flow
SI	27 days					176		535		3 hrs
1.	2.375	.750				26		227		
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		38	1.000	.9258	1.005	437
2.							
3.							
4.							
5.							

NO.	P_r	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 XXXXXX _____
Critical Pressure _____ P.S.I.A. _____ P.S.I.A.
Critical Temperature _____ R _____ R

P_c 547 P_c^2 299209

NO	P_t	P_w	P_w^2	$P_c^2 - P_w^2$
1		239	57121	242088
2				
3				
4				
5				

(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.2360$ (2) $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n = 1.1722$

AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n = 512$

Absolute Open Flow 512 Mcfd @ 15.025 Angle of Slope θ _____ Slope, n .75

Remarks: _____

Approved By Commission:	Conducted By:	Calculated By:	Checked By:
	JJB	J J BARNETT	W L PETERSON