NEW MEXICO OIL CONSERVATION COMMSSION

MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Form C-122
Revised 9-1-65

Type Test: [X] Initial [ ] Annual [ ] Special				Test Date: 06 10 80	
Company: AMOCO PRODUCTION CO.		Connection: EL PASO NATURAL GAS CO.			
Pool: BASIN		Formation: DAKOTA		Unit	
Completion Date: 05 08 80	Total Depth: 6323	Plug Back TD: 6271	Elevation: 5564GL	Farm or Lease Name: GALLEGOS CANYON UNIT	
Csg. Size: 4.500 / Wt.: 11.6 / d: 4.000 / Set At: 6323		Perforations: From 6066 To 6218		Well No.: 150E	
Tbg. Size: 2.375 / Wt.: 4.7 / d: 1.995 / Set At: 6206		Perforations: From open To ended		Unit: P / Sec.: 22 / 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	7 days				525		525		3 hrs
1.	2.375 .750				30		210		
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		42	1.000	.9258	1.005	483
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 537 P_c^2 288369

NO	P_t^2	P_w	P_w^2	$P_c^2 - P_w^2$
1		222	49284	239085
2				
3				
4				
5				

(1) $\frac{P_c^2}{P_c^2 - P_w^2}$ = 1.2061 (2) $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n$ = 1.1509

AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n$ = 556

Absolute Open Flow 556 Mcfd @ 15.025 | Angle of Slope θ _____ | Slope, n .75

Remarks: _____

Approved By Commission:	Conducted By:	Calculated By:	Checked By:
	JJB	J J BARNETT	R A DOWNEY