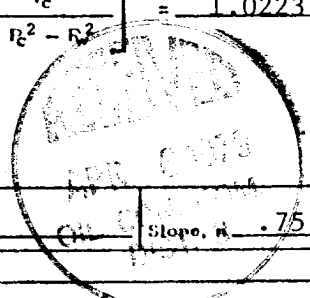


**NEW MEXICO OIL CONSERVATION COMMISSION
MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL**

Form C-122
Revised 9-1-65

Type Test <input checked="" type="checkbox"/> Initial <input type="checkbox"/> Annual <input type="checkbox"/> Special						Test Date 3-30-79									
Company Amoco Production Co.				Connection EL Paso Natural Gas Company											
Pool Basin				Formation Dakota				Unit							
Completion Date 3-22-79		Total Depth 6800		Plug Back TD 6770		Elevation 5610		Farm or Lease Name Lopez Gas Com							
Csg. Size 4.50	Wt. 11.6	d 4.052	Set At 6798	Perforations: From 6616 To 6644				Well No. No. 1							
Thq. Size 2.375	Wt. 4.7	d 1.995	Set At 6700	Perforations: From To				Unit D	Sec. 2	Twp. 29N	Hjor. 9W				
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single						Packer Set At 6570		County San Juan							
Producing Thru Tubing		Reservoir Temp. °F p		Mean Annual Temp. °F		Baro. Press. - P _g		State New Mexico							
L	H	G _g 70	% CO ₂	% N ₂	% H ₂ S	Prover	Meter Hun	Taps							
FLOW DATA						TUBING DATA		CASING DATA		Duration of Flow					
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				
1.	8 Days						1708		1710		3 hrs.				
2.	2.375		.750				46	60°	281						
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		58	1.000	.9258	1.007	669								
2.															
3.															
4.															
5.															
NO.	P _g	Temp. °R	T _g	Z	Gas Liquid Hydrocarbon Ratio _____ Mcf/bbl.										
1.					A.P.I. Gravity of Liquid Hydrocarbons _____ Deg.										
2.					Specific Gravity Separator Gas _____ X X X X X X X X X										
3.					Specific Gravity Flowing Fluid _____ X X X X X										
4.					Critical Pressure _____ P.S.I.A. _____ P.S.I.A.										
5.					Critical Temperature _____ R _____ R										
P _c 1722		P _c ² 2965284													
NO.	P _w	P _w ²	P _c ² - P _w ²	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.0298$		(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.0223$									
1	293	85849	2879435	AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 684$											
2															
3															
4															
5															
Absolute Open Flow 684 Mcfd @ 15.025				Angle of Slope @		Slope, n = .75									
Remarks:															
Approved By Commission				Conducted By RAC				Calculated By RAC				Checked By B. E. FACKRELL			