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: 10/30/79	
Company: AMOCO PRODUCTION COMPANY		Connection: EL PASO NATURAL GAS COMPANY		
Pool: BASIN		Formation: DAKOTA		Unit
Completion Date: 10/19/79	Total Depth: 7550	Plug Back TD: 7506	Elevation: 6638	Farm or Lease Name: JICARILLA CONTRACT 155
Csg. Size: 4.500 / Wt.: 11.6 / d: 4.000 / Set At: 7550		Perforations: From 7220 To 7264		Well No.: 22E
Tbg. Size: 2.375 / Wt.: 4.7 / d: 1.995 / Set At: 7358		Perforations: From OPEN To ENDED		Unit: K / Sec.: 31 / Twp.: 26 / Rge.: 5
Type Well – Single – Bradenhead – G.C. or G.O. Multiple: SINGLE		Packer Set At: NONE		County: RIO ARRIBA
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
		.70						

	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	12 DAYS					1460	600	1780	600	3 HRS.
1.	2.375	.750				145	600	655	600	
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		157	1.000	.9258	1.019	1831
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 _____ XXXXXXXXX
Specific Gravity Flowing Fluid XXXXX _____
Critical Pressure _____ P.S.I.A. _____ P.S.I.A.
Critical Temperature _____ R _____ R

P_c 1792 P_c^2 3211264

NO	P_t^2	P_w	P_w^2	$P_c^2 - P_w^2$
1		667	444889	2766375
2				
3				
4				
5				

(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.1608$

(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n = 1.1183$

AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n = 2048$

NOV 13 1979

Absolute Open Flow 2048 Mcfd @ 15.025 Angle of Slope θ _____ Slope, n .75

Remarks: _____

Approved By Commission:	Conducted By:	Calculated By:	Checked By:
	J. J. BARNETT	J. J. BARNETT	B. E. FACKRELL