NEW MEXICO OIL CONSERVATION COMMISSION

MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Form C-122
Revised 9-1-65

Type Test: ☒ Initial ☐ Annual ☐ Special			Test Date: 3-28-78	
Company: Amoco Production Company	Connection: El Paso Natural Gas Company			
Pool: Blanco Mv	Formation: Mesaverde		Unit	
Completion Date: 3-15-78	Total Depth: 4457	Plug Back TD: 4397	Elevation: 5534	Farm or Lease Name: Snyder Gas Com
Csg. Size: 7.000 / Wt.: 20 / d: 6.456 / Set At: 2286		Perforations: From 3582 To 4266		Well No.: 1A
Tbg. Size: 2.375 / Wt.: 4.7 / d: 1.995 / Set At: 4261		Perforations: From Open To Ended		Unit: F / Sec.: 19 / Twp.: 29 / Rge.: 9
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
		.65						

	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					632		727		
1.	2.375	0.750				95	60	280		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	12.365		107	1.000	.9608	1.010	1284
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 739 P_c^2 546121

NO	P_t^2	P_w	P_w^2	$P_c^2 - P_w^2$
1		292	85264	460857
2				
3				
4				
5				

(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.1850$ (2) $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n = 1.1358$

$AOF = Q \left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n = 1458$

Absolute Open Flow 1458 Mcfd @ 15.025 Angle of Slope θ _____ Slope, n .75

Remarks: 4.5" 10.5# Liner set @ 2086' - 4457'

Approved By Commission:	Conducted By:	Calculated By:	Checked By:
	T. M. Oliver	TMO/RWT	Original Signed by J. L. KRUPKA J. L. Krupka