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: 6-2-77	
Company: AMOCO PRODUCTION CO.	Connection: El Paso Natural Gas Company			
Pool: Blanco	Formation: Mesaverde		Unit	
Completion Date: 5-26-77	Total Depth: 5525	Plug Back TD: 5436	Elevation: 6138 GL	Farm or Lease Name: Schneider Gas Com
Csg. Size: 7.000 / Wt.: 23 / d: 6.366 / Set At: 3349		Perforations: From 4820 To 5357		Well No.: 1A
Tbg. Size: 2.375 / Wt.: 4.7 / d: 1.995 / Set At: 5374		Perforations: From Open To Ended		Unit: E / Sec.: 28 / Twp.: 32 / Rge.: 10
Type Well – Single – Bradenhead – G.G. or G.O. Multiple: Single		Packer Set At: None		County: San Juan
Producing Thru: Tbng	Reservoir Temp. °F @	Mean Annual Temp. °F	Baro. Press. – P_a	State: New Mexico
L	H	Gg: .65	% CO_2	% N_2 / % H_2S / Prover / Meter Run / Taps

FLOW DATA

NO.	Prover Line Size	X	Orifice Size	Press. p.s.i.g.	Diff. h_w	Temp. °F	TUBING DATA Press. p.s.i.g.	TUBING DATA Temp. °F	CASING DATA Press. p.s.i.g.	CASING DATA Temp. °F	Duration of Flow
SI	7 days						631		673		
1.	2.375		0.750				340	60°	580		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		352	1.000	.9608	1.036	4332
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 685 P_c^2 469225

NO	P_t^2	P_w	P_w^2	$P_c^2 - P_w^2$
1		592	350464	118761
2				
3				
4				
5				

(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 3.9510$

(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n = 2.8024$

AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n = 12140$

Absolute Open Flow 12140 Mcfd @ 15.025 | Angle of Slope θ _____ | Slope, n .75

Remarks: 4.500" 10.5# Liner Set 3159' - 5514'

Approved By Commission:	Conducted By:	Calculated By:	Checked By:
	T. M. Oliver	OLIVER/WR. Cardill	Original Signed by H. D. MONTGOMERY H. D. Montgomery