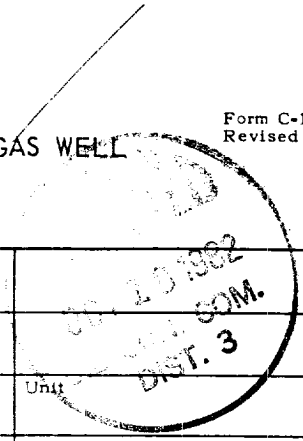
NEW MEXICO OIL CONSERVATION COMMSSION

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: 10-14-82	
Company: El Paso Exploration Company		Connection: El Paso Natural Gas Company			
Pool: S. Blanco		Formation: Pictured Cliffs			Unit
Completion Date: 10-06-82	Total Depth: 5750	Plug Back TD: 5732		Elevation: 6933 GR.	Farm or Lease Name: Jicarilla 126 S
Csg. Size: 7.000 / Wt.: 20 / d: / Set At: 3418		Perforations: From *3148 To 3229			Well No.: #17
Tbg. Size: 1.600 / Wt.: 2.3 / d: 1.380 / Set At: 3208		Perforations: From To			Unit: K / Sec.: 1 / Twp.: 24 / Rge.: 4
Type Well – Single – Bradenhead – G.G. or G.O. Multiple: G. G. Dual		Packer Set At: 3271			County: Rio Arriba
Producing Thru: Csg.	Reservoir Temp. °F: @	Mean Annual Temp. °F:	Baro. Press. – P_a: 12		State: New Mexico
L:	H:	Gg: .690	% 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							874		873		8 Days
1.			.750	33		56	71		33		3 Hr.
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		45	1.0039	.9325	1.004	523
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 XXXXX _____
Critical Pressure _____ P.S.I.A. _____ P.S.I.A.
Critical Temperature _____ R _____ R

P_c 886 P_c^2 784996

NO	P_t^2	P_w	P_w^2	$P_c^2 - P_w^2$
1		83	6889	778107
2				
3				
4				
5				

(1) $\frac{P_c^2}{P_c^2 - P_w^2} = \frac{784996}{778107}$ (2) $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n = 1.0075$

AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n = 526$

Absolute Open Flow 526 Mcfd @ 15.025 | Angle of Slope θ _____ | Slope, n .85

Remarks: * 4.500" Liner 3258' - 5750
Gas Vented During Test 78 MCF

Approved By Commission:	Conducted By:	Calculated By:	Checked By:
	Les Hepner	Ed Mabe	