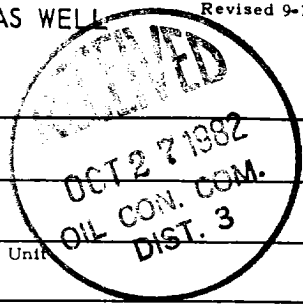


NEW MEXICO OIL CONSERVATION COMMISSION
MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELLS

Form C-122
Revised 9-1-65



Type Test ☒ Initial ☐ Annual ☐ Special					Test Date 10-26-82						
Company El Paso Natural Gas Company					Connection Northwest Pipeline Corp.						
Pool Blanco					Formation Mesa Verde						
Completion Date 10-19-82			Total Depth 5786		Plug Back TD 5766		Elevation 6360 GR		Farm or Lease Name San Juan 28-6 Unit		
Csg. Size 7.000	Wt. 20	d 6.456	Set At 3481	Perforations: From *4837 To 5734				Well No. #94A			
Tbg. Size 2.375	Wt. 4.7	d 1.995	Set At 5684	Perforations: From To				Unit P	Sec. 36	Twp. 28	Rge. 6
Type Well - Single - Bradenhead - G.G. or G.O. Multiple G. G. Dual					Packer Set At 3318			County Rio Arriba			
Producing Thru Tbg.		Reservoir Temp. °F @		Mean Annual Temp. °F		Baro. Press. - P _a 12		State New Mexico			
L	H	Gg .690	% CO ₂	% N ₂	% H ₂ S	Prover	Meter Run	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	
1.			.750	262		66	802	262			7 Days
2.											3 Hours
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, F _{pv}	Rate of Flow Q, Mcfd
1.	12.365		274	.9943	.9325	1.030	3236
2.							
3.							
4.							
5.							

NO.	P _t	Temp. °R	T _t	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
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 816	P _c ² 665856	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = \frac{665856}{361152}$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.5822$	
NO.	P _t	P _w	P _w ²	P _c ² - P _w ²
1.		552	304704	361152
2.				
3.				
4.				
5.				

$$AOF = Q \left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 5120$$

Absolute Open Flow 5120 Mcfd @ 15.025

Angle of Slope θ _____

Slope, n .75

Remarks: *4.500" Liner 3308' - 5785'

Gas Vented During Test = 442 MCF

Approved By Commission:	Conducted By: Mel Wileman	Calculated By: Ed Mabe	Checked By:
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