

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 6-26-80	
Company El Paso Natural Gas Company				Connection El Paso Natural Gas Company		
Pool So. Blanco				Formation Pictured Cliff		Unit
Completion Date 6-12-80		Total Depth 5997		Plug Back TD 5979		Elevation 6741 Gr
Farm or Lease Name S. J. 28-7 Unit						
Csg. Size 7.00	Wt. 20	d 6.456	Set At 3651	Perforations: From 3342 To 3442		Well No. #32A (PC)
Thg. Size 1.660	Wt. 2.4	d 1.380	Set At 3438	Perforations: From To		Unit Sec. Twp. Rge. C 19 28 7
Type Well - Single - Bradenhead - G.G. or G.O. Multiple G.G. Dual				Packer Set At		County Rio Arriba
Producing Thru Csg.		Reservoir Temp. °F @		Mean Annual Temp. °F 12		State New Mexico
L	H	Gg 0.650	% 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.	2"		0.750	109		63	878		879		3 Hours
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		121	0.9971	0.9608	1.010	1448
2.							
3.							
4.							
5.							

NO.	P _f	Temp. °R	T _f	Z	Gas Liquid Hydrocarbon Ratio _____ Mcf/bbl.
1					A.P.I. Gravity of Liquid Hydrocarbons _____ Deg.
2.					Specific Gravity Separator Gas _____
3.					Specific Gravity Flowing Fluid _____
4.					Critical Pressure _____
5.					Critical Temperature _____

P _c 891	P _c ² 793881	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.0246$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.0209$
NO.	P _f ²	P _w	P _w ²
1	14641	138	19044
2.			
3.			
4.			
5.			

AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1478$

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Absolute Open Flow <u>1478</u> Mcfd @ 15.025	Angle of Slope θ _____	Slope, n <u>0.85</u>
Remarks: _____		

Approved By Commission:	Conducted By: John Easley	Calculated By: H. E. McNally	Checked By:
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