

WELL DELIVERABILITY TEST REPORT FOR 19 71

Form C122-A
Revised 1-1-68

POOL NAME Blanco	POOL SLOPE n = .75	FORMATION MV	COUNTY RA
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COMPANY El Paso Natural Gas Company			WELL NAME AND NUMBER San Juan 29-7 Unit No. 98		
UNIT LETTER H	SECTION 30	TOWNSHIP 29	RANGE 7	PURCHASING PIPELINE EPNG	
CASING O.D. - INCHES 4.500	CASING I.D. - INCHES 4.052	SET AT DEPTH - FEET 5570	TUBING O.D. - INCHES 2.375	TUBING I.D. - INCHES 1.995	TOP - TUBING PERF. - FEET 5507
GAS PAY ZONE FROM 4712 TO 5508		WELL PRODUCING THRU CASING TUBING XXX		GAS GRAVITY .699	GRAVITY X LENGTH 3849
DATE OF FLOW TEST FROM 6-18-71 TO 6-26-71			DATE SHUT-IN PRESSURE MEASURED 5-10-71		

PRESSURE DATA - ALL PRESSURES IN PSIA

(a) Flowing Casing Pressure (DWt) ---	(b) Flowing Tubing Pressure (DWt) ---	(c) Flowing Meter Pressure (DWt) ---	(d) Flow Chart Static Reading ---	(e) Meter Error (Item c - Item d) 0	(f) Friction Loss (a-c) or (b-c) 0	(g) Average Meter Pressure (Integr.) 370
(h) Corrected Meter Pressure (g+e) 370	(i) Avg. Wellhead Press. $P_i = (h+f)$ 370	(j) Shut-in Casing Pressure (DWt) 858	(k) Shut-in Tubing Pressure (DWt) 684	(l) P_c = higher value of (j) or (k) 858	(m) Del. Pressure $P_d = 80\% P_c$ 686	(n) Separator or Dehydrator Pr. (DWt) for critical flow only

FLOW RATE CORRECTION (METER ERROR)

Integrated Volume - MCF/D 1284	Quotient of $\frac{\text{Item c}}{\text{Item d}}$ 1.0000	$\sqrt{\frac{\text{Item c}}{\text{Item d}}}$ 1.0000	Corrected Volume Q = 1284 MCF/D
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WORKING PRESSURE CALCULATION

$(1-e^{-S})$.244	$(F_c Q_m)^2 (1000)$ 145737	$R^2 = (1-e^{-S}) (F_c Q_m)^2 (1000)$ 35560	P_i^2 136900	$P_w^2 = P_i^2 + R^2$ 172460	$P_w = \sqrt{P_w^2}$ 415
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DELIVERABILITY CALCULATION

$D = Q \left[\frac{P_c^2 - P_d^2}{P_c^2 - P_w^2} \right]^n =$	1284	$\left(\frac{265568}{563704} \right)^n =$	$(.4711)^n =$	.5687	$=$	730 MCF/D
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REMARKS:

OWWO 1st del., May 27, 1971

SUMMARY

Item h **370** Psia
P_c **858** Psia
Q **1284** MCF/D
P_w **415** Psia
P_d **686** Psia
D **730** MCF/D

Company **EL PASO NATURAL GAS COMPANY**

By **[Signature]**

Title

Witnessed By

Company

