

NEW MEXICO OIL CONSERVATION COMMISSION
INITIAL WELL DELIVERABILITY TEST REPORT FOR 19 69

Form C122-A
 Revised 1-1-66

POOL NAME Blanco	POOL SLOPE n= .85	FORMATION Picture Cliff	COUNTY San Juan
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COMPANY Tenneco Oil Company			WELL NAME AND NUMBER Giomi Com A-#1		
UNIT LETTER K	SECTION 28	TOWNSHIP 30	RANGE 9	PURCHASING PIPELINE El Paso	
CASING O.D. - INCHES 3.500	CASING I.D. - INCHES 3.068	SET AT DEPTH - FEET -	TUBING O.D. - INCHES -	TUBING I.D. - INCHES -	TOP - TUBING PERF. - FEET -
GAS PAY ZONE FROM 2587 TO 2599		WELL PRODUCING THRU CASING X TUBING		GAS GRAVITY .658	GRAVITY X LENGTH 1702
DATE OF FLOW TEST FROM 7-10-69 TO 7-17-69			DATE SHUT-IN PRESSURE MEASURED 6-5-69		

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) -	(f) Friction Loss (a - c) or (b - c) -	(g) Average Meter Pressure (Integr.) 252
(h) Corrected Meter Pressure (g + e) 252	(i) Avg. Wellhead Press. $P_t = (h + f)$ 252	(j) Shut-in Casing Pressure (DWt) 642	(k) Shut-in Tubing Pressure (DWt) -	(l) P_c = higher value of (j) or (k) 642	(m) Del. Pressure $P_d = \frac{80}{514} \% P_c$ 514	(n) Separator or Dehydrator Pr. (DWt) for critical flow only

FLOW RATE CORRECTION (METER ERROR)

Integrated Volume - MCF/D 494	Quotient of $\frac{\text{Item c}}{\text{Item d}}$ -	$\sqrt{\frac{\text{Item c}}{\text{Item d}}}$ -	Corrected Volume Q = 494 MCF/D
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WORKING PRESSURE CALCULATION

$(1 - e^{-S})$.116	$(F_c Q_m)^2 (1000)$ 2,278	$R^2 = (1 - e^{-S}) (F_c Q_m)^2 (1000)$ 264	P_t^2 63,504	$P_w^2 = P_t^2 + R^2$ 63,768	$P_w = \sqrt{P_w^2}$ 253
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DELIVERABILITY CALCULATION

$D = Q \left[\frac{P_c^2 - P_d^2}{P_c^2 - P_w^2} \right]^n =$ 494	$\left[\frac{147,968}{348,396} \right]^n =$.4247	$\left[\frac{147,968}{348,396} \right]^n =$.4829	$=$ 239 MCF/D
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REMARKS: Missed flow pressures will run an annual test.

SUMMARY

Item h	252	Psia
P_c	642	Psia
Q	494	MCF/D
P_w	253	Psia
P_d	514	Psia
D	239	MCF/D

Company Eng. & Production Service, Inc.
 By J. D. Hicks J. D. Hicks
 Title President
 Witnessed By _____
 Company _____

