

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

Form C122-A  
 Revised 1-1-66

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

**PRESSURE DATA - ALL PRESSURES IN PSIA**

(a) Flowing Casing Pressure (DWt) <b>-</b>	(b) Flowing Tubing Pressure (DWt) <b>-</b>	(c) Flowing Meter Pressure (DWt) <b>-</b>	(d) Flow Chart Static Reading <b>-</b>	(e) Meter Error (Item c - Item d) <b>-</b>	(f) Friction Loss (a - c) or (b - c) <b>-</b>	(g) Average Meter Pressure (Integr.) <b>252</b>
(h) Corrected Meter Pressure (g + e) <b>252</b>	(i) Avg. Wellhead Press. $P_t = (h+f)$ <b>252</b>	(j) Shut-in Casing Pressure (DWt) <b>642</b>	(k) Shut-in Tubing Pressure (DWt) <b>-</b>	(l) $P_c =$ higher value of (j) or (k) <b>642</b>	(m) Del. Pressure $P_d =$ <u>80</u> % $P_c$ <b>514</b>	(n) Separator or Dehydrator Pr. (DWt) for critical flow only

**FLOW RATE CORRECTION (METER ERROR)**

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

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

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

SUMMARY

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

Company Tenneco Oil Company  
 By J. D. Hicks  
 Title District Production Engineer  
 Witnessed By J. D. Hicks  
 Company Engineering & Production Service Inc.

