

NEW MEXICO OIL CONSERVATION COMMISSION
INITIAL WELL DELIVERABILITY TEST REPORT FOR 19 67

Form C122-A
 Revised 1-1-66

POOL NAME Blanco Mesa Verde	POOL SLOPE n = .75	FORMATION Mesa Verde	COUNTY Ria Arriba
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COMPANY Tenneco Oil Company			WELL NAME AND NUMBER Jicarilla B-#8		
UNIT LETTER B	SECTION 15	TOWNSHIP 26	RANGE 5	PURCHASING PIPELINE El Paso	
CASING O.D. - INCHES 4.500	CASING I.D. - INCHES 4.052	SET AT DEPTH - FEET 7731	TUBING O.D. - INCHES 2.375	TUBING I.D. - INCHES 1.995	TOP - TUBING PERF. - FEET 7651
GAS PAY ZONE FROM 4990 TO 5424		WELL PRODUCING THRU CASING X TUBING		GAS GRAVITY .675	GRAVITY X LENGTH 3368
DATE OF FLOW TEST FROM 12-10-67 TO 12-18-67			DATE SHUT-IN PRESSURE MEASURED Initial Potential 10-13-66		

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.) 526
(h) Corrected Meter Pressure (g + e) 526	(i) Avg. Wellhead Press. $P_t = (h + f)$ 526	(j) Shut-in Casing Pressure (DWt) 1159	(k) Shut-in Tubing Pressure (DWt) Dual	(l) P_c = higher value of (j) or (k) 1159	(m) Del. Pressure $P_d = \frac{80}{927} \%P$	(n) Separator or Dehydrator Pr. (DWt) for critical flow only -

FLOW RATE CORRECTION (METER ERROR)

Integrated Volume - MCF/D 268	Quotient of $\frac{\text{Item c}}{\text{Item d}}$ -	$\sqrt{\frac{\text{Item c}}{\text{Item d}}}$ -	Corrected Volume Q = 268 MCF/D
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3.861

WORKING PRESSURE CALCULATION

$(1 - e^{-s})$ 0.217	$(F_c Q_m)^2 (1000)$ 1070	$R^2 = (1 - e^{-s}) (F_c Q_m)^2 (1000)$ 232	P_t^2 276,676	$P_w^2 = P_t^2 + R^2$ 276,908	$P_w = \sqrt{P_w^2}$ 526
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DELIVERABILITY CALCULATION

$D = Q \left[\frac{P_c^2 - P_d^2}{P_c^2 - P_w^2} \right]^n =$ 268	$\left[\frac{483,952}{1,066,372} \right]^n =$.4538	$=$.5529	$=$ 148 MCF/D
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REMARKS:

SUMMARY

Item h **526** Psia
 P_c **1159** Psia
 Q **268** MCF/D
 P_w **526** Psia
 P_d **927** Psia
 D **148** MCF/D

Company _____
 By _____
 Title _____
 Witnessed By *J. D. Hicks*
 Company **Engineering & Production Service, Inc.**



1. The first part of the document is a list of the names of the persons who have been named in the proceedings.

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