

NEW MEXICO OIL CONSERVATION COMMISSION
INITIAL WELL DELIVERABILITY TEST REPORT FOR 19 72

Form C122-A
 Revised 1-1-66

POOL NAME Aztec	POOL SLOPE n= 85	FORMATION Picture Cliff	COUNTY San Juan
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COMPANY W. P. Carr			WELL NAME AND NUMBER Hampton 1-X		
UNIT LETTER C	SECTION 10	TOWNSHIP 30N	RANGE 11W	PURCHASING PIPELINE El Paso Natural Gas Company	
CASING O.D. - INCHES 4½	CASING I.D. - INCHES	SET AT DEPTH - FEET 2227	TUBING O.D. - INCHES 2.375	TUBING I.D. - INCHES	TOP - TUBING PERF. - FEET 2181
GAS PAY ZONE FROM 2164 TO 2179		WELL PRODUCING THRU CASING TUBING X		GAS GRAVITY	GRAVITY X LENGTH
DATE OF FLOW TEST FROM 11/22 TO 11/29			DATE SHUT-IN PRESSURE MEASURED 12/7/72		

PRESSURE DATA - ALL PRESSURES IN PSIA

(a) Flowing Casing Pressure (DWt) 158	(b) Flowing Tubing Pressure (DWt) 158	(c) Flowing Meter Pressure (DWt) 158	(d) Flow Chart Static Reading 158	(e) Meter Error (Item c - Item d) 0	(f) Friction Loss (a - c) or (b - c) 0	(g) Average Meter Pressure (Integr.) 160
(h) Corrected Meter Pressure (g + e) 160	(i) Avg. Wellhead Press. $P_t = (h + f)$ 160	(j) Shut-in Casing Pressure (DWt) 230	(k) Shut-in Tubing Pressure (DWt) 226	(l) P_c = higher value of (j) or (k) 226	(m) Del. Pressure $P_d =$ 80 % P_c 181	(n) Separator or Dehydrator Pr. (DWt) for critical flow only

FLOW RATE CORRECTION (METER ERROR)

Integrated Volume - MCF/D 122	Quotient of $\frac{\text{Item c}}{\text{Item d}}$ 1	$\sqrt{\frac{\text{Item c}}{\text{Item d}}}$ 1	Corrected Volume Q = 122 MCF/D
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WORKING PRESSURE CALCULATION

$(1 - e^{-R})$	$(F_c Q_m)^2 (1000)$	$R^2 = (1 - e^{-R}) (F_c Q_m)^2 (1000)$ Negligible	P_t^2	$P_w^2 = P_t^2 + R^2$	$P_w = \sqrt{P_w^2}$
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DELIVERABILITY CALCULATION

$D = Q \left[\frac{P_c^2 - P_d^2}{P_c^2 - P_w^2} \right]^n =$ 122	$\left[\frac{18,315}{25,476} \right]^n =$.7189	$=$.7554	$=$ 92 MCF/D
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REMARKS:

SUMMARY

Item h **160** Psia
 P_c **226** Psia
 Q **122** MCF/D
 P_w **160** Psia
 P_d **181** Psia
 D **92** MCF/D

Company **W. P. Carr**

By *[Signature]*

Title **Agent**

Witnessed By _____

Company _____

