

Initial Deliverability Test

NEW MEXICO OIL CONSERVATION COMMISSION
WELL DELIVERABILITY TEST REPORT FOR 19

Form C122-A
Revised 1-1-68

POOL NAME AZTEC	POOL SLOPE n =	FORMATION PC	COUNTY J
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COMPANY H. B. Kendrick		WELL NAME AND NUMBER 1-1-68			
UNIT LETTER A	SECTION 2	TOWNSHIP 1	RANGE 1	PURCHASING PIPELINE H. B. Kendrick	
CASING O.D. - INCHES 4.5	CASING I.D. - INCHES 3.5	SET AT DEPTH - FEET 100	TUBING O.D. - INCHES 2.0	TUBING I.D. - INCHES 1.5	TOP - TUBING PERF. - FEET 100
GAS PAY ZONE FROM 0 TO 100		WELL PRODUCING THRU CASING TUBING		GAS GRAVITY 0.7	GRAVITY X LENGTH 0.7
DATE OF FLOW TEST FROM 10/25/68 TO 10/25/68			DATE SHUT-IN PRESSURE MEASURED 10/25/68		

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

FLOW RATE CORRECTION (METER ERROR)

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

$(1-e^{-5})$	$(F_c Q_m)^2 (1000)$	$R^2 = (1-e^{-5}) (F_c Q_m)^2 (1000)$	P_t^2	$P_w^2 = P_t^2 + R^2$	$P_w = \sqrt{P_w^2}$
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DELIVERABILITY CALCULATION

$D = Q \left[\frac{P_c^2 - P_d^2}{P_c^2 - P_w^2} \right]^n =$	$\left[\frac{20015}{20073} \right]^n =$	$\left[\frac{20015}{20073} \right]^n =$	$\text{---} \text{ MCF/D}$
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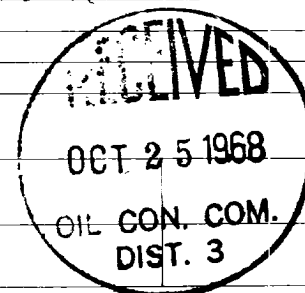
REMARKS:

New Well First Delivered 8-27-68.

SUMMARY

Item h --- Psia
 P_c --- Psia
Q --- MCF/D
 P_w --- Psia
 P_d --- Psia
D --- MCF/D

Company ---
By H. B. Kendrick
Title ---
Witnessed By ---
Company ---



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