

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

Form C122-A
 Revised 1-1-66

POOL NAME Blanco	POOL SLOPE n = .75	FORMATION Mesa Verde	COUNTY San Juan
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70026

COMPANY EL PASO NATURAL GAS COMPANY			WELL NAME AND NUMBER Sheets No. 1		
UNIT LETTER N	SECTION 28	TOWNSHIP 31	RANGE 9	PURCHASING PIPELINE El Paso Natural Gas Company	
CASING O.D. - INCHES 4.500	CASING I.D. - INCHES 4.052	SET AT DEPTH - FEET 5567	TUBING O.D. - INCHES 2.375	TUBING I.D. - INCHES 1.995	TOP - TUBING PERF. - FEET 5532
GAS PAY ZONE FROM 4738 TO 5537		WELL PRODUCING THRU CASING TUBING X		GAS GRAVITY .675	GRAVITY X LENGTH 3734 ✓
DATE OF FLOW TEST FROM 12-27-66 TO 1-4-67			DATE SHUT-IN PRESSURE MEASURED 10-20-66		

PRESSURE DATA - ALL PRESSURES IN PSIA

(a) Flowing Casing Pressure (DWt) 511 ✓	(b) Flowing Tubing Pressure (DWt) 511 ✓	(c) Flowing Meter Pressure (DWt) 870	(d) Flow Chart Static Reading DEAD	(e) Meter Error (Item c - Item d) 870 ✓	(f) Friction Loss (a - c) or (b - c) 696 ✓	(g) Average Meter Pressure (Integr.) 511
(h) Corrected Meter Pressure (g + e) 511 ✓	(i) Avg. Wellhead Press. $P_t = (h + f)$ 511 ✓	(j) Shut-in Casing Pressure (DWt) 870	(k) Shut-in Tubing Pressure (DWt) DEAD	(l) $P_c =$ higher value of (j) or (k) 870 ✓	(m) Del. Pressure $P_d = \frac{80}{696} \% P_c$ 696 ✓	(n) Separator or Dehydrator Pr. (DWt) for critical flow only

FLOW RATE CORRECTION (METER ERROR)

Integrated Volume - MCF/D 319	Quotient of $\frac{\text{Item c}}{\text{Item d}}$ 1.0000	$\sqrt{\frac{\text{Item c}}{\text{Item d}}}$ 1.0000	Corrected Volume Q = 319 ✓ MCF/D
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WORKING PRESSURE CALCULATION

$(1 - e^{-s})$.238 ✓	$(F_c Q_m)^2 (1000)$ 8994 ✓	$R^2 = (1 - e^{-s}) (F_c Q_m)^2 (1000)$ 2141 ✓	P_t^2 261121 ✓	$P_w^2 = P_t^2 + R^2$ 263262 ✓	$P_w = \sqrt{P_w^2}$ 513 ✓
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DELIVERABILITY CALCULATION

$D = Q \left[\frac{P_c^2 - P_d^2}{P_c^2 - P_w^2} \right]^n =$ 319 ✓	$\left[\frac{272484}{493638} \right]^n =$.5519 ✓	$\left[\frac{.5519}{.6400} \right]^n =$.6400 ✓	204 ✓ MCF/D
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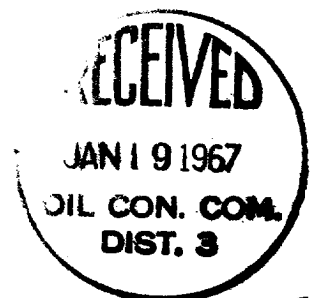
REMARKS:

First Delivered After OWWO 12-12-66.

SUMMARY

Item h	511 ✓	Psia
P_c	870 ✓	Psia
Q	319 ✓	MCF/D
P_w	513 ✓	Psia
P_d	696 ✓	Psia
D	204 ✓	MCF/D

Company **El Paso Natural Gas Company**
H. L. Kendrick
 Title **Regional Well Test Engineer**
 Witnessed By _____
 Company _____



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