

NEW MEXICO OIL CONSERVATION COMMISSION
INITIAL WELL DELIVERABILITY TEST REPORT FOR 19 66

Form C122-A
 Revised 1-1-66

POOL NAME Blanco	POOL SLOPE n= 75	FORMATION Mesa Verde	COUNTY San Juan
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COMPANY El Paso Natural Gas Company			WELL NAME AND NUMBER Moore No. 2 (OWWO) 70907		
UNIT LETTER L	SECTION 26	TOWNSHIP 32	RANGE 12	PURCHASING PIPELINE El Paso Natural Gas Company	
CASING O.D. - INCHES 4500	CASING I.D. - INCHES 4052	SET AT DEPTH - FEET 5429	TUBING O.D. - INCHES 2375	TUBING I.D. - INCHES 1995	TOP - TUBING PERF. - FEET 5367
GAS PAY ZONE FROM 5122 TO 5396		WELL PRODUCING THRU CASING TUBING X		GAS GRAVITY .679	GRAVITY X LENGTH 3044
DATE OF FLOW TEST FROM 7-23-66 TO 7-31-66			DATE SHUT-IN PRESSURE MEASURED 6-27-66		

PRESSURE DATA - ALL PRESSURES IN PSIA

(a) Flowing Casing Pressure (DWt) 0	(b) Flowing Tubing Pressure (DWt) 0	(c) Flowing Meter Pressure (DWt) 0	(d) Flow Chart Static Reading 0	(e) Meter Error (Item c - Item d) 0	(f) Friction Loss (a - c) or (b - c) 0	(g) Average Meter Pressure (Integr.) 490
(h) Corrected Meter Pressure (g + e) 490	(i) Avg. Wellhead Press. $P_t = (h + f)$ 490	(j) Shut-in Casing Pressure (DWt) 778	(k) Shut-in Tubing Pressure (DWt) 773	(l) $P_c =$ higher value of (j) or (k) 778	(m) Del. Pressure $P_d = \frac{80}{622} \% P_c$ 622	(n) Separator or Dehydrator Pr. (DWt) for critical flow only

FLOW RATE CORRECTION (METER ERROR)

Integrated Volume - MCF/D 952	Quotient of $\frac{\text{Item c}}{\text{Item d}}$ 1.0000	$\sqrt{\frac{\text{Item c}}{\text{Item d}}}$ 1.0000	Corrected Volume Q = 952 MCF/D
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WORKING PRESSURE CALCULATION

$(1 - e^{-s})$.233	$(F_c Q_m)^2 (1000)$ 80120	$R^2 = (1 - e^{-s}) (F_c Q_m)^2 (1000)$ 18668	P_t^2 240100	$P_w^2 = P_t^2 + R^2$ 258768	$P_w = \sqrt{P_w^2}$ 509
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DELIVERABILITY CALCULATION

$D = Q \left[\frac{P_c^2 - P_d^2}{P_c^2 - P_w^2} \right]^n =$	952	$\left[\frac{218400}{346516} \right]^n =$	$(.6302)^n =$	$.7075 =$	674 MCF/D
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REMARKS:

1st Delivered After OWWO 7/6/66

SUMMARY

Item h	490	Psia
P_c	778	Psia
Q	952	MCF/D
P_w	509	Psia
P_d	622	Psia
D	674	MCF/D

Company **EL PASO NATURAL GAS COMPANY**
 By **L. Kendrick**
 Title **Regional Well Test Engineer**
 Witnessed By _____
 Company _____



