

NEW MEXICO OIL CONSERVATION COMMISSION WELL DELIVERABILITY TEST REPORT FOR 19 69

Form C122-A
Revised 1-1-68

POOL NAME Blanco	POOL SLOPE n = .85	FORMATION PC	COUNTY San Juan
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87-013

COMPANY El Paso Natural Gas Company			WELL NAME AND NUMBER Florance No. 8		
UNIT LETTER C	SECTION 20	TOWNSHIP 30	RANGE 9	PURCHASING PIPELINE EPNG	
CASING O.D. - INCHES 2.875	CASING I.D. - INCHES 2.441	SET AT DEPTH - FEET 2834	TUBING O.D. - INCHES no tubing	TUBING I.D. - INCHES	TOP - TUBING PERF. - FEET
GAS PAY ZONE FROM 2771 TO 2783		WELL PRODUCING THRU CASING XX TUBING		GAS GRAVITY .665	GRAVITY X LENGTH 1843
DATE OF FLOW TEST FROM 8-12-69 TO 8-20-69			DATE SHUT-IN PRESSURE MEASURED 6-30-69		

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) 0	(f) Friction Loss (a-c) or (b-c) 0	(g) Average Meter Pressure (Integr.) 180 192
(h) Corrected Meter Pressure (g + e) 192	(i) Avg. Wellhead Press. $P_f = (h + f)$ 192	(j) Shut-in Casing Pressure (DWt) 698	(k) Shut-in Tubing Pressure (DWt) ---	(l) P_m higher value of (i) or (k) 698	(m) Del. Pressure $P_d = \frac{80}{558} P_c$	(n) Separator or Dehydrator Pr. (DWt) for critical flow only

FLOW RATE CORRECTION (METER ERROR)

Integrated Volume - MCF/D 553	Quotient of $\frac{\text{Item c}}{\text{Item d}}$ 1.0000	$\sqrt{\frac{\text{Item c}}{\text{Item d}}}$ 1.0000	Corrected Volume Q = 553 MCF/D
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WORKING PRESSURE CALCULATION

$(1 - e^{-s})$.125	$(F_c Q_m)^2 (1000)$ 9423	$R^2 = (1 - e^{-s}) (F_c Q_m)^2 (1000)$ 1178	P_f^2 26864	$P_w^2 = P_f^2 + R^2$ 38042	$P_w = \sqrt{P_w^2}$ 195
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DELIVERABILITY CALCULATION

$D = Q \left[\frac{P_c^2 - P_d^2}{P_c^2 - P_w^2} \right]^n =$	553	$\left(\frac{175840}{449162} \right)^n =$	0.3914	$=$	0.4506	$=$	249 MCF/D
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REMARKS:

New Well first delivery July, 1969 (18)

SUMMARY

Item h	192	Psia
P_c	698	Psia
Q	553	MCF/D
P_w	195	Psia
P_d	558	Psia
D	249	MCF/D

Company El Paso Natural Gas Company

By *[Signature]*

Title

Witnessed By

Company

