

NEW MEXICO OIL CONSERVATION COMMISSION
WELL DELIVERABILITY TEST REPORT FOR 19 68Form C122-A
Revised 1-1-68

POOL NAME S0 BLANCO	POOL SLOPE $n = .85$	FORMATION PC	COUNTY SJ
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70-613

COMPANY EL PASO NATURAL GAS CO			WELL NAME AND NUMBER BURROUGHS COM #1		
UNIT LETTER H	SECTION 36	TOWNSHIP 27	RANGE 8	PURCHASING PIPELINE EL PASO NATURAL GAS CO.	
CASING O.D. - INCHES 5.500	CASING I.D. - INCHES 4.950	SET AT DEPTH - FEET 2106	TUBING O.D. - INCHES 2.875	TUBING I.D. - INCHES 2.441	TOP - TUBING PERF. - FEET 2209
GAS PAY ZONE		WELL PRODUCING THRU		GAS GRAVITY	GRAVITY X LENGTH
FROM 2127 TO 2178		CASING X TUBING		0.664	1398
DATE OF FLOW TEST FROM 07/19/68 TO 07/27/68			DATE SHUT-IN PRESSURE MEASURED 06/18/68		

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.) 186
(h) Corrected Meter Pressure (g+e) 186	(i) Avg. Wellhead Press. $P_f = (h+f)$ 186	(j) Shut-in Casing Pressure (DWt) 351	(k) Shut-in Tubing Pressure (DWt) 0	(l) P_c = higher value of (j) or (k) 351	(m) Del. Pressure $P_d = 80\% P_c$ 281	(n) Separator or Dehydrator Pr. (DWt) for critical flow only

FLOW RATE CORRECTION (METER ERROR)

Integrated Volume - MCF/D 236	Quotient of $\frac{\text{Item c}}{\text{Item d}}$ 1.0000	$\sqrt{\frac{\text{Item c}}{\text{Item d}}}$ 1.0000	Corrected Volume $Q =$ 236 MCF/D
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WORKING PRESSURE CALCULATION

$(1-e^{-5})$.097	$(F_c Q_m)^2 (1000)$ 282	$R^2 = (1-e^{-5}) (F_c Q_m)^2 (1000)$ 27	P_f^2 34596	$P_w^2 = P_f^2 + R^2$ USE PT2	$P_w = \sqrt{P_w^2}$ 186
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DELIVERABILITY CALCULATION

$D = Q \left[\frac{P_c^2 - P_d^2}{P_c^2 - P_w^2} \right]^n =$ 236	$\left[\frac{44240}{88605} \right]^n =$ 0.4992	$\left[\frac{0.4992}{0.5540} \right]^n =$ 0.5540	131 MCF/D
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REMARKS: First Delivered after OWWO 6-14-68.

SUMMARY

Item h	186	Psia
P_c	351	Psia
Q	236	MCF/D
P_w	186	Psia
P_d	281	Psia
D	131	MCF/D

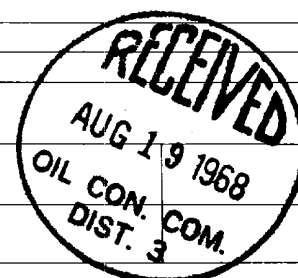
Company **EL PASO NATURAL GAS CO**

By

Title

Witnessed By

Company



68/08/14

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