

NEW MEXICO OIL CONSERVATION COMMISSION WELL DELIVERABILITY TEST REPORT FOR IS. 71

Form C-122-A
Revised 1-1-60

WELL NAME Blanco	WELL SLOPE 0 = .85	FORM W	DATE 8-8-71
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COMPANY El Paso Natural Gas Company				WELL NO. AND LOCATION Graveling No. 2	
UNIT LETTER 0	DATE 14	TOWNSHIP 30	RANGE 10	SECTION 10	
CASING O.D. - INCHES 2.875	PIPE NO. O.D. - INCHES 2.441	LET A. FEET 3169	FEET TO TOP OF CASING no tubing	FEET TO TOP OF TUBING 0	TOP OF TUBING - FEET 0
FROM 2986	TO 3030	CASING XXX	PIPE XXX	DATE 8-8-71	DATE 5-28-71
DATE OF FLOW TEST 7-31-71		DATE OF PRESSURE MEASUREMENT 8-8-71		DATE OF PRESSURE MEASUREMENT 5-28-71	

PRESSURE DATA - ALL PRESSURES IN PSIA

(a) Flowing Casing Pressure (DWt)	(b) Flowing Tubing Pressure (DWt)	(c) Flowing Meter Pressure (DWt)	(d) Flow Choke Static Reading	(e) Meter Error (Item c - Item d)	(f) Friction Loss (a-c or b-d)	(g) Average Meter Pressure (Average)
-	-	-	-	0	0	154
(h) Corrected Meter Pressure (g+e)	(i) Avg. Wellhead Press. $P_1 = (h+f)$	(j) Shut-in Casing Pressure (DWt)	(k) Shut-in Tubing Pressure (DWt)	(l) Pressure at Wellhead and Del. Pressure of (j) or (k)	(m) Separator or Regulator P_2 (DWt) for critical flow only	
154	154	989	-	989	$P_2 = 80$	791

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
326	1.0000	1.0000	$Q = 326$ MCF/D

WORKING PRESSURE CALCULATION

$(1-e^{-s})$	$(F_c Q_m)^2 (1000)$	$R^2 = (1-e^{-s}) (F_c Q_m)^2 (1000)$	P_1^2	$P_w^2 = P_1^2 + R^2$	$P_w = \sqrt{P_w^2}$
.132	3275	432	23716	24118	155

DELIVERABILITY CALCULATION

$$D = Q \left[\frac{P_c^2 - P_w^2}{P_c^2 - P_w^2} \right]^n = 326 \left[\frac{352440}{953973} \right]^n = (.3694)^n = .4289 = 140 \text{ MCF/D}$$

REMARKS:

First delivered - 7-1-71.

SUMMARY

Item h **154** Psia
F **989** Psia
C **326** MCF/D
P **155** Psia
W **791** Psia
D **140** MCF/D

Company **EL PASO NATURAL GAS COMPANY**

By **H. E. McManis**

Title

Witnessed By

Company

