

Will
Give only

NEW MEXICO OIL CONSERVATION COMMISSION WELL DELIVERABILITY TEST REPORT FOR 19 71

Form C122-A
Revised 1-1-68

POOL NAME Basin	POOL SLOPE n = .75	FORMATION DK	COUNTY SJ
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87250

COMPANY El Paso Natural Gas Company			WELL NAME AND NUMBER Huerfano Unit No. 213		
UNIT LETTER 0	SECTION 36	TOWNSHIP 27	RANGE 10	PURCHASING PIPELINE EPNG	
CASING O.D. - INCHES 4.500	CASING I.D. - INCHES 4.052	SET AT DEPTH - FEET 6936	TUBING O.D. - INCHES 2.375	TUBING I.D. - INCHES 1.995	TOP - TUBING PERF. - FEET 6844
GAS PAY ZONE FROM 6640 TO 6841		WELL PRODUCING THRU CASING TUBING XXXX		GAS GRAVITY .700	GRAVITY X LENGTH 4791
DATE OF FLOW TEST FROM 7-22-71 TO 7-30-71			DATE SHUT-IN PRESSURE MEASURED 5-21-71		

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.) 289
(h) Corrected Meter Pressure (g+e) 289	(i) Avg. Wellhead Press. $P_i = (h+f)$ 289	(j) Shut-in Casing Pressure (DWt) 2003	(k) Shut-in Tubing Pressure (DWt) 1449	(l) $P_c =$ higher value of (i) or (k) 2003	(m) Del. Pressure $P_d =$ 50 % P_c 1002	(n) Separator or Dehydrator Pr. (DWt) for critical flow only

FLOW RATE CORRECTION (METER ERROR)

Integrated Volume - MCF/D 290	Quotient of $\frac{\text{Item c}}{\text{Item d}}$ 1.0000	$\sqrt{\frac{\text{Item c}}{\text{Item d}}}$ 1.0000	Corrected Volume $Q =$ 290 MCF/D
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WORKING PRESSURE CALCULATION

$(1-e^{-s})$.294	$(F_c Q_m)^2 (1000)$ 7434	$R^2 = (1-e^{-s}) (F_c Q_m)^2 (1000)$ 2186	P_i^2 83521	$P_w^2 = P_i^2 + R^2$ 85707	$P_w = \sqrt{P_w^2}$ 293
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DELIVERABILITY CALCULATION

$D = Q \left[\frac{P_c^2 - P_d^2}{P_c^2 - P_w^2} \right]^n$ 290	$\left[\frac{3008005}{3926302} \right]^n = (.7661)^n = .8189$	237 MCF/D
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REMARKS:

Well first delivered June 30, 1971

SUMMARY

Item h **289** Psia
 P_c **2003** Psia
 Q **290** MCF/D
 P_w **293** Psia
 P_d **1002** Psia
 D **237** MCF/D

Company **EL PASO NATURAL GAS COMPANY**

By **[Signature]**

Title

Witnessed By

Company

