

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

Form C122-A
 Revised 1-1-66

POOL NAME Basin	POOL SLOPE n = .75	FORMATION Dakota	COUNTY San Juan
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COMPANY PAN AMERICAN PETROLEUM CORPORATION			WELL NAME AND NUMBER Gallegos Canyon Unit No. 206		
UNIT LETTER N	SECTION 10	TOWNSHIP 28	RANGE 12	PURCHASING PIPELINE El Paso Natural Gas Co.	
CASING O.D. - INCHES 4.500	CASING I.D. - INCHES 4.052	SET AT DEPTH - FEET 6140	TUBING O.D. - INCHES 2.375	TUBING I.D. - INCHES 1.995	TOP - TUBING PERF. - FEET 5949
GAS PAY ZONE FROM 5980 TO 6082		WELL PRODUCING THRU CASING TUBING X		GAS GRAVITY .672	GRAVITY X LENGTH 3998
DATE OF FLOW TEST FROM 4-3-66 TO 4-11-66			DATE SHUT-IN PRESSURE MEASURED 12-28-65		

PRESSURE DATA - ALL PRESSURES IN PSIA

(a) Flowing Casing Pressure (DWt) 490	(b) Flowing Tubing Pressure (DWt) 490	(c) Flowing Meter Pressure (DWt) 2031	(d) Flow Chart Static Reading 2038	(e) Meter Error (Item c - Item d) 2038	(f) Friction Loss (e - c) or (b - c) 1019	(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) 2031	(k) Shut-in Tubing Pressure (DWt) 2038	(l) P _c = higher value of (j) or (k) 2038	(m) Del. Pressure P _d = $\frac{50}{1019} \% P_c$ 1019	(n) Separator or Dehydrator Pr. (DWt) for critical flow only

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
			Q = _____ MCF/D

WORKING PRESSURE CALCULATION

$(1 - e^{-s})$ 0.252	$(F_c Q_m)^2 (1000)$ 324.851	$R^2 = (1 - e^{-s}) (F_c Q_m)^2 (1000)$ 81.862	P_t^2 240.100	$P_w^2 = P_t^2 + R^2$ 321,962	$P_w = \sqrt{P_w^2}$ 567
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DELIVERABILITY CALCULATION

$D = Q \left[\frac{P_c^2 - P_d^2}{P_c^2 - P_w^2} \right]^n =$	1917	$\left[\frac{3,115,083}{3,831,482} \right]^n =$	$(.8130)^n =$	$.8562$	$=$	1641 MCF/D
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REMARKS:

SUMMARY

Item h	490	Psia
P _c	2038	Psia
Q	1917	MCF/D
P _w	567	Psia
P _d	1019	Psia
D	1641	MCF/D

Company **PAN AMERICAN PETROLEUM CORPORATION**
 By *[Signature]*
 Title **Area Engineer**
 Witnessed By _____
 Company _____



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