

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

Form C122-A
 Revised 1-1-66

POOL NAME East Blanco	POOL SLOPE n = .85	FORMATION Pictured Cliffs	COUNTY Rio Arriba
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COMPANY Coastline Petroleum Co., Inc.			WELL NAME AND NUMBER Schalk 49-4		
UNIT LETTER D	SECTION 23	TOWNSHIP 30N	RANGE 4W	PURCHASING PIPELINE Northwest Pipeline	
CASING O.D. - INCHES 2.875	CASING I.D. - INCHES 2.441	SET AT DEPTH - FEET 4200	TUBING O.D. - INCHES -	TUBING I.D. - INCHES -	TOP - TUBING PERF. - FEET -
GAS PAY ZONE FROM 3873 TO 4136		WELL PRODUCING THRU CASING X TUBING		GAS GRAVITY .662	GRAVITY X LENGTH 2564 ✓
DATE OF FLOW TEST FROM 1-11-75 TO 1-19-75			DATE SHUT-IN PRESSURE MEASURED 5-27-74		

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)	(f) Friction Loss (a - c) or (b - c)	(g) Average Meter Pressure (Integr.) 221
(h) Corrected Meter Pressure (g + e)	(i) Avg. Wellhead Press. $P_t = (h + f)$ 221 ✓	(j) Shut-in Casing Pressure (DWt) 1172	(k) Shut-in Tubing Pressure (DWt) -	(l) P_c = higher value of (j) or (k) 1172 ✓	(m) Del. Pressure $P_d =$ 80 % P_c 938 ✓	(n) Separator or Dehydrator Pr. (DWt) for critical flow only

FLOW RATE CORRECTION (METER ERROR)

Integrated Volume - MCF/D 33	Quotient of $\frac{\text{Item c}}{\text{Item d}}$ 1.000	$\sqrt{\frac{\text{Item c}}{\text{Item d}}}$ 1.000	Corrected Volume Q = 33 ✓ MCF/D
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WORKING PRESSURE CALCULATION

$(1 - e^{-s})$	$(F_c Q_m)^2 (1000)$	$R^2 = (1 - e^{-s}) (F_c Q_m)^2 (1000)$	P_t^2	$P_w^2 = P_t^2 + R^2$	$P_w = \sqrt{P_w^2}$ 221
Friction loss negligible					

DELIVERABILITY CALCULATION

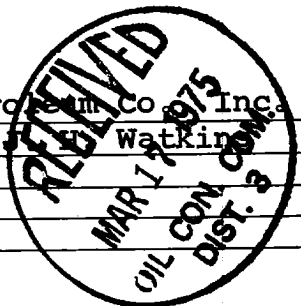
$D = Q \left[\frac{P_c^2 - P_d^2}{P_c^2 - P_w^2} \right]^n =$ 33	$\left[\frac{493,740}{1,324,743} \right]^n =$.3727 ✓	$=$.4322 ✓	$=$ 14 ✓ MCF/D
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REMARKS:

SUMMARY

Item h 221 ✓ Psia
 P_c 1172 ✓ Psia
 Q 33 ✓ MCF/D
 P_w 221 ✓ Psia
 P_d 938 ✓ Psia
 D 14 ✓ MCF/D

Company Coastline Petroleum Co., Inc.
 By [Signature] Watkins
 Title Agent
 Witnessed By _____
 Company _____



[Handwritten signature]

