

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 49-2		
UNIT LETTER 0	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 4486	TUBING O.D. - INCHES =	TUBING I.D. - INCHES -	TOP - TUBING PERF. - FEET -
GAS PAY ZONE FROM 4036 TO 4308		WELL PRODUCING THRU CASING X TUBING		GAS GRAVITY .656	GRAVITY X LENGTH 2648 ✓
DATE OF FLOW TEST FROM 1-19-75 TO 1-27-75			DATE SHUT-IN PRESSURE MEASURED 1-20-74		

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.) 227
(h) Corrected Meter Pressure (g + e)	(i) Avg. Wellhead Press. $P_t = (h + f)$ 227 ✓	(j) Shut-in Casing Pressure (DWt) 1145 ✓	(k) Shut-in Tubing Pressure (DWt) -	(l) P_c = higher value of (j) or (k) 1145 ✓	(m) Del. Pressure $P_d = \frac{80}{916} \% P_c$ 916 ✓	(n) Separator or Dehydrator Pr. (DWt) for critical flow only

FLOW RATE CORRECTION (METER ERROR)

Integrated Volume - MCF/D 8	Quotient of $\frac{\text{Item c}}{\text{Item d}}$ 1.000	$\sqrt{\frac{\text{Item c}}{\text{Item d}}}$ 1.000	Corrected Volume Q = 8 ✓ MCF/D
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WORKING PRESSURE CALCULATION

$(1 - e^{-s})$	$(F_c Q_m)^2 (1000)$	$R^2 = (1 - e^{-s}) (F_c Q_m)^2 (1000)$ Friction loss negligible	P_t^2	$P_w^2 = P_t^2 + R^2$	$P_w = \sqrt{P_w^2}$ 227 ✓
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DELIVERABILITY CALCULATION

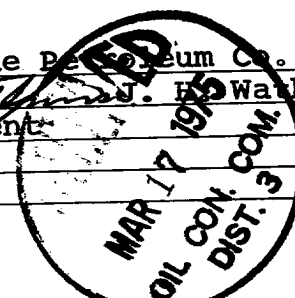
$D = Q \left[\frac{P_c^2 - P_d^2}{P_c^2 - P_w^2} \right]^n =$ 8	$\left[\frac{471,969}{1,259,496} \right]^{.3747} = .4341$	$=$ 3 ✓ MCF/D
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REMARKS:

SUMMARY

Item h 227 ✓ Psia
 P_c 1145 ✓ Psia
 Q 8 ✓ MCF/D
 P_w 227 ✓ Psia
 P_d 916 ✓ Psia
 D 3 ✓ MCF/D

Company Coastline Petroleum Co., Inc.
 By J. H. Watkins
 Title Agent
 Witnessed By _____
 Company _____



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