

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 49-1		
UNIT LETTER M	SECTION 23	TOWNSHIP 30N	RANGE X 4W	PURCHASING PIPELINE Northwest Pipeline	
CASING O.D. - INCHES 4.500	CASING I.D. - INCHES 3.958	SET AT DEPTH - FEET 4646	TUBING O.D. - INCHES 2.375	TUBING I.D. - INCHES 1.995	TOP - TUBING PERF. - FEET 4280
GAS PAY ZONE FROM 4144 TO 4397		WELL PRODUCING THRU CASING TUBING X		GAS GRAVITY .660	GRAVITY X LENGTH 2825 ✓
DATE OF FLOW TEST FROM 1-19-75 TO 1-27-75			DATE SHUT-IN PRESSURE MEASURED 1-20-75		

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.) 213
(h) Corrected Meter Pressure (g + e)	(i) Avg. Wellhead Press. $P_t = (h + f)$ 213 ✓	(j) Shut-in Casing Pressure (DWt) 1174	(k) Shut-in Tubing Pressure (DWt) 1174	(l) $P_c =$ higher value of (j) or (k) 1174 ✓	(m) Del. Pressure $P_d = \frac{80}{939} \% P_o$ ✓	(n) Separator or Dehydrator Pr. (DWt) for critical flow only

FLOW RATE CORRECTION (METER ERROR)

Integrated Volume - MCF/D 147	Quotient of $\frac{\text{Item c}}{\text{Item d}}$ 1.000	$\sqrt{\frac{\text{Item c}}{\text{Item d}}}$ 1.000	Corrected Volume $Q = 147$ ✓ 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	$P_w^2 = P_t^2 + R^2$	$P_w = \sqrt{P_w^2}$ 213 ✓
Friction loss negligible					

DELIVERABILITY CALCULATION

$D = Q \left[\frac{P_c^2 - P_d^2}{P_c^2 - P_w^2} \right]^n =$	147	$\left[\frac{496,555}{1,332,857} \right]^n \cdot .3725^n = .4320$	$= 64$ ✓ MCF/D
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REMARKS:

SUMMARY

Item h 213 Psia
1174 Psia
 P_c 1174 Psia
 Q 147 MCF/D
 P_w 213 Psia
 P_d 939 Psia
64 MCF/D

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

