

**NEW MEXICO OIL CONSERVATION COMMISSION**  
**INITIAL WELL DELIVERABILITY TEST REPORT FOR 19** \_\_\_\_\_

Form C122-A  
 Revised 1-1-66

POOL NAME <b>East Blanco</b>	POOL SLOPE n = <b>.85</b>	FORMATION <b>Pictured Cliffs</b>	COUNTY <b>Rio Arriba</b>
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COMPANY <b>Coastline Petroleum Co., Inc.</b>			WELL NAME AND NUMBER <b>Schalk 49-3</b>		
UNIT LETTER <b>A</b>	SECTION <b>23</b>	TOWNSHIP <b>30N</b>	RANGE <b>4W</b>	PURCHASING PIPELINE <b>Northwest Pipeline</b>	
CASING O.D. - INCHES <b>2.875</b>	CASING I.D. - INCHES <b>2.441</b>	SET AT DEPTH - FEET <b>4441</b>	TUBING O.D. - INCHES <b>-</b>	TUBING I.D. - INCHES <b>-</b>	TOP - TUBING PERF. - FEET <b>-</b>
GAS PAY ZONE FROM <b>3835</b> TO <b>4095</b>		WELL PRODUCING THRU CASING <b>X</b> TUBING		GAS GRAVITY <b>.601</b>	GRAVITY X LENGTH <b>2305</b> ✓
DATE OF FLOW TEST FROM <b>1-19-75</b> TO <b>1-27-75</b>			DATE SHUT-IN PRESSURE MEASURED <b>1-22-74</b>		

**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.) <b>244</b>
(h) Corrected Meter Pressure (g + e)	(i) Avg. Wellhead Press. $P_t = (h + f)$ <b>244</b> ✓	(j) Shut-in Casing Pressure (DWt) <b>1104</b>	(k) Shut-in Tubing Pressure (DWt) <b>-</b>	(l) $P_c =$ higher value of (j) or (k) <b>1104</b> ✓	(m) Del. Pressure $P_d = \frac{80}{883} \% P_c$ <b>883</b> ✓	(n) Separator or Dehydrator Pr. (DWt) for critical flow only

**FLOW RATE CORRECTION (METER ERROR)**

Integrated Volume - MCF/D <b>123</b>	Quotient of $\frac{\text{Item c}}{\text{Item d}}$ <b>1.000</b>	$\sqrt{\frac{\text{Item c}}{\text{Item d}}}$ <b>1.000</b>	Corrected Volume Q = <b>123</b> ✓ MCF/D
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**WORKING PRESSURE CALCULATION**

$(1 - e^{-s})$	$(F_c Q_m)^2 (1000)$ <b>Friction loss negligible</b>	$R^2 = (1 - e^{-s}) (F_c Q_m)^2 (1000)$	$P_t^2$	$P_w^2 = P_t^2 + R^2$	$P_w = \sqrt{P_w^2}$ <b>244</b> ✓
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**DELIVERABILITY CALCULATION**

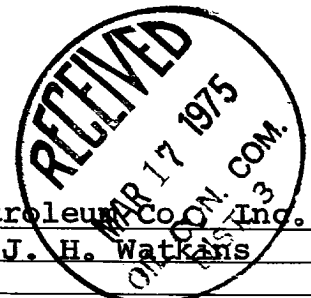
$D = Q \left[ \frac{P_c^2 - P_d^2}{P_c^2 - P_w^2} \right]^n =$ <b>123</b>	$\left[ \frac{439,127}{1,159,280} \right]^n =$ <b>.3788</b> ✓	$=$ <b>.4382</b> ✓	$=$ <b>54</b> ✓ MCF/D
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REMARKS:

SUMMARY

Item h	<b>244</b> ✓	Psia
$P_c$	<b>1104</b> ✓	Psia
Q	<b>123</b> ✓	MCF/D
$P_w$	<b>244</b> ✓	Psia
$P_d$	<b>883</b> ✓	Psia
D	<b>54</b> ✓	MCF/D

Company **Coastline Petroleum Co., Inc.**  
 By **J. H. Watkins**  
 Title **Agent**  
 Witnessed By \_\_\_\_\_  
 Company \_\_\_\_\_



*OK*

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