

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

Form CI22-A
 Revised 1-1-66

POOL NAME Basin	POOL SLOPE n = .75	FORMATION Dakota	COUNTY Rio Arriba
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COMPANY Coastline Petroleum Co., Inc.			WELL NAME AND NUMBER Schalk 54-1		
UNIT LETTER H	SECTION 2	TOWNSHIP 30N	RANGE 5W	PURCHASING PIPELINE Northwest Pipeline	
CASING O.D. - INCHES 4.500	CASING I.D. - INCHES 3.958	SET AT DEPTH - FEET 8125	TUBING O.D. - INCHES 1.990	TUBING I.D. - INCHES 1.610	TOP - TUBING PERF. - FEET 8084
GAS PAY ZONE FROM 8018 TO 8076		WELL PRODUCING THRU CASING TUBING X		GAS GRAVITY .611	GRAVITY X LENGTH 4939
DATE OF FLOW TEST FROM 1-11-75 TO 1-19-75			DATE SHUT-IN PRESSURE MEASURED 1-16-74		

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.) 217
(h) Corrected Meter Pressure (g + e)	(i) Avg. Wellhead Press. $P_t = (h + f)$ 217 ✓	(j) Shut-in Casing Pressure (DWt) 2912	(k) Shut-in Tubing Pressure (DWt) 2908	(l) P_c = higher value of (j) or (k) 2912 ✓	(m) Del. Pressure $P_d = 50 \% P_c$ 1456 ✓	(n) Separator or Dehydrator Pr. (DWt) for critical flow only

FLOW RATE CORRECTION (METER ERROR)

Integrated Volume - MCF/D 236	Quotient of $\frac{\text{Item c}}{\text{Item d}}$ 1.000	Corrected Volume $\sqrt{\frac{\text{Item c}}{\text{Item d}}}$ 1.000	Q = 236 ✓ MCF/D
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WORKING PRESSURE CALCULATION

$(1 - e^{-s})$.302	$(F_c Q_m)^2 (1000)$ 15,092	$R^2 = (1 - e^{-s}) (F_c Q_m)^2 (1000)$ 4,558	P_t^2 47,089	$P_w^2 = P_t^2 + R^2$ 51,647	$P_w = \sqrt{P_w^2}$ 227
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DELIVERABILITY CALCULATION

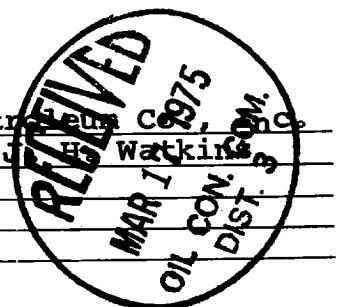
$D = Q \left[\frac{P_c^2 - P_d^2}{P_c^2 - P_w^2} \right]^n =$ 236	$\left[\frac{6,359,808}{8,428,097} \right]^{.7546} =$.8096	$=$ 191 ✓ MCF/D
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REMARKS:

SUMMARY

Item h 217 ✓ Psia
 P_c 2912 ✓ Psia
 Q 236 ✓ MCF/D
 P_w 227 ✓ Psia
 P_d 1456 ✓ Psia
 D 191 ✓ MCF/D

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



OK