

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

Form C122-A
 Revised 1-1-66

POOL NAME Basin	POOL SLOPE n= .75	FORMATION Dakota	COUNTY Rio Arriba
---------------------------	-----------------------------	----------------------------	-----------------------------

COMPANY Coastline Petroleum Co., Inc.			WELL NAME AND NUMBER Schalk 57-1		
UNIT LETTER C	SECTION 12	TOWNSHIP 30N	RANGE 5W	PURCHASING PIPELINE Northwest Pipeline	
CASING O.D. - INCHES 4.500	CASING I.D. - INCHES 4.358	SET AT DEPTH - FEET 8222	TUBING O.D. - INCHES 2.375	TUBING I.D. - INCHES 1.995	TOP - TUBING PERF. - FEET 8149
GAS PAY ZONE FROM 8010 TO 8090		WELL PRODUCING THRU CASING _____ TUBING X		GAS GRAVITY .590	GRAVITY X LENGTH 4808 ✓
DATE OF FLOW TEST FROM 1-11-75 TO 1-19-75			DATE SHUT-IN PRESSURE MEASURED 1-17-74		

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.) 212
(h) Corrected Meter Pressure (g + e)	(i) Avg. Wellhead Press. $P_t = (h+f)$ 212 ✓	(j) Shut-in Casing Pressure (DWt) 2947	(k) Shut-in Tubing Pressure (DWt) 2922	(l) $P_c =$ higher value of (j) or (k) 2947 ✓	(m) Del. Pressure $P_d = \frac{50}{1474}$ % P_c	(n) Separator or Dehydrator Pr. (DWt) for critical flow only

FLOW RATE CORRECTION (METER ERROR)

Integrated Volume - MCF/D 383	Quotient of $\frac{\text{Item c}}{\text{Item d}}$ 1.000	$\sqrt{\frac{\text{Item c}}{\text{Item d}}}$ 1.000	Corrected Volume $Q =$ 383 MCF/D
---	---	--	--

WORKING PRESSURE CALCULATION

$(1 - e^{-s})$.295 ✓	$(F_c Q_m)^2 (1000)$ 12,967 ✓	$R^2 = (1 - e^{-s}) (F_c Q_m)^2 (1000)$ 3,825 ✓	P_t^2 44,944 ✓	$P_w^2 = P_t^2 + R^2$ 48,769 ✓	$P_w = \sqrt{P_w^2}$ 221 ✓
---------------------------------	---	---	----------------------------	--	--------------------------------------

DELIVERABILITY CALCULATION

$D = Q \left[\frac{P_c^2 - P_d^2}{P_c^2 - P_w^2} \right]^n =$ 383	$\left(\frac{6,512,133}{8,489,316} \right)^n =$.7541	$\left(\frac{.7671}{.8197} \right)^n =$.8092	$=$ 314 310 MCF/D
---	---	---	--

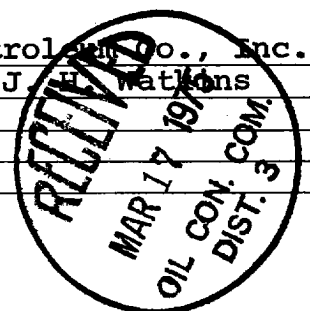
REMARKS:

8,635,968

SUMMARY

Item h	212 ✓	Psia
P_c	2947 ✓	Psia
Q	383 ✓	MCF/D
P_w	221 ✓	Psia
P_d	1474 ✓	Psia
D	310 314	MCF/D

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



OK