NEW MEXICO OIL CONSERVATION COMMISSION

INITIAL WELL DELIVERABILITY TEST REPORT FOR 19____

Form C122-A
Revised 1-1-66

POOL NAME	POOL SLOPE	FORMATION	COUNTY
Gobernador	n= .85	Pictured Cliffs	Rio Arriba

COMPANY			WELL NAME AND NUMBER		
Coastline Petroleum Co., Inc.			Schalk 52-3		
UNIT LETTER	SECTION	TOWNSHIP	RANGE	PURCHASING PIPELINE	
E	24	29N	5W	Northwest Pipeline	
CASING O.D. – INCHES	CASING I.D – INCHES	SET AT DEPTH – FEET	TUBING O.D – INCHES	TUBING I.D. – INCHES	TOP – TUBING PERF. – FEET
5.500	4.950	3634	2.375	1.995	3491
GAS PAY ZONE		WELL PRODUCING THRU		GAS GRAVITY	GRAVITY X LENGTH
FROM 3428 TO 3500		CASING	TUBING X	.681	2377 ✓
DATE OF FLOW TEST			DATE SHUT-IN PRESSURE MEASURED		
FROM 1-17-75 TO 1-25-75			1-19-74		

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.)
						450
(h) Corrected Meter Pressure (g + e)	**(i) Avg. Wellhead Press. P_t = (h+f)**	**(j) Shut-in Casing Pressure (DWt)**	**(k) Shut-in Tubing Pressure (DWt)**	**(l) P_c = higher value of (j) or (k)**	**(m) Del. Pressure P_d = 80 %P_c**	**(n) Separator or Dehydrator Pr. (DWt) for critical flow only**
	450 ✓	1179	1179	1179 ✓	943 ✓	

FLOW RATE CORRECTION (METER ERROR)

Integrated Volume – MCF/D	Quotient of $\frac{\text{Item c}}{\text{Item d}}$	$\sqrt{\frac{\text{Item c}}{\text{Item d}}}$	Corrected Volume
1060	1.000	1.000	Q = 1060 ✓ MCF/D

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	$P_w^2 = P_t^2 + R^2$	$P_w = \sqrt{P_w^2}$
.159 ✓	99,322 ✓	15,792 ✓	202,500 ✓	218,292 ✓	467 ✓

DELIVERABILITY CALCULATION

$$D = Q\left[\frac{P_c^2 - P_d^2}{P_c^2 - P_w^2}\right]^n = 1060 \left[\left(\frac{500,792}{1,171,749}\right)^n = (.4274)^n = .4856\right] = 515 \text{ MCF/D}$$

REMARKS:

RECEIVED
MAR 17 1975
OIL CON. COM.
DIST. 3

SUMMARY

Item h	450 ✓	Psia
P_c	1179 ✓	Psia
Q	1060 ✓	MCF/D
P_w	467 ✓	Psia
P_d	943 ✓	Psia
D	515 ✓	MCF/D

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