

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

Form CI22-A
 Revised 1-1-66

POOL NAME Gobernador	POOL SLOPE n= .85	FORMATION Pictured Cliffs	COUNTY Rio Arriba
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COMPANY Coastline Petroleum Co., Inc.			WELL NAME AND NUMBER Schalk 52-3		
UNIT LETTER E	SECTION 24	TOWNSHIP 29N	RANGE 5W	PURCHASING PIPELINE Northwest Pipeline	
CASING O.D. - INCHES 5.500	CASING I.D. - INCHES 4.950	SET AT DEPTH - FEET 3634	TUBING O.D. - INCHES 2.375	TUBING I.D. - INCHES 1.995	TOP - TUBING PERF. - FEET 3491
GAS PAY ZONE FROM 3428 TO 3500		WELL PRODUCING THRU CASING TUBING X		GAS GRAVITY .681	GRAVITY X LENGTH 2377 ✓
DATE OF FLOW TEST FROM 1-17-75 TO 1-25-75			DATE SHUT-IN PRESSURE MEASURED 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. $P_t = (h + f)$ 450 ✓	(j) Shut-in Casing Pressure (DWt) 1179	(k) Shut-in Tubing Pressure (DWt) 1179	(l) P_c = higher value of (j) or (k) 1179 ✓	(m) Del. Pressure $P_d = \frac{80}{943}$ % P_c 943 ✓	(n) Separator or Dehydrator Pr. (DWt) for critical flow only

FLOW RATE CORRECTION (METER ERROR)

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

$(1 - e^{-s})$.159 ✓	$(F_c Q_m)^2 (1000)$ 99,322 ✓	$R^2 = (1 - e^{-s}) (F_c Q_m)^2 (1000)$ 15,792 ✓	P_t^2 202,500 ✓	$P_w^2 = P_t^2 + R^2$ 218,292 ✓	$P_w = \sqrt{P_w^2}$ 467 ✓
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DELIVERABILITY CALCULATION

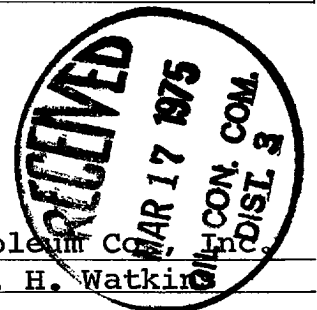
$D = Q \left[\frac{P_c^2 - P_d^2}{P_c^2 - P_w^2} \right]^n =$	1060	$\left[\frac{500,792}{1,171,749} \right]^n =$	.4274	$=$	.4856	$=$	515 ✓ MCF/D
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REMARKS:

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 _____



THE UNIVERSITY OF CHICAGO

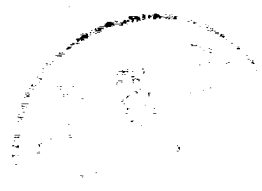
CHICAGO, ILL. 60637
DEPARTMENT OF CHEMISTRY
5408 S. UNIVERSITY AVE.
CHICAGO, ILL. 60637

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