

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 52-1		
UNIT LETTER M	SECTION 24	TOWNSHIP 29N	RANGE 5W	PURCHASING PIPELINE Northwest X Pipeline	
CASING O.D. - INCHES 4.500	CASING I.D. - INCHES 3.958	SET AT DEPTH - FEET 5810	TUBING O.D. - INCHES 2.375	TUBING I.D. - INCHES 1.995	TOP - TUBING PERF. - FEET 3541
GAS PAY ZONE FROM 3483 TO 3526		WELL PRODUCING THRU CASING TUBING X		GAS GRAVITY .661	GRAVITY X LENGTH 2341 ✓
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.) 436
(h) Corrected Meter Pressure (g + e)	(i) Avg. Wellhead Press. $P_t = (h + f)$ 436 ✓	(j) Shut-in Casing Pressure (DWt) 1188	(k) Shut-in Tubing Pressure (DWt) 1123	(l) $P_c =$ higher value of (j) or (k) 1188 ✓	(m) Del. Pressure $P_d = \frac{80}{950} \% P_c$ 950 ✓	(n) Separator or Dehydrator Pr. (DWt) for critical flow only

FLOW RATE CORRECTION (METER ERROR)

Integrated Volume - MCF/D 584	Quotient of $\frac{\text{Item c}}{\text{Item d}}$ 1.000	$\sqrt{\frac{\text{Item c}}{\text{Item d}}}$ 1.000	Corrected Volume Q = 584 ✓ MCF/D
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WORKING PRESSURE CALCULATION

$(1 - e^{-s})$.157 ✓	$(F_c Q_m)^2 (1000)$ 30,150 ✓	$R^2 = (1 - e^{-s}) (F_c Q_m)^2 (1000)$ 4,734 ✓	P_t^2 190,096 ✓	$P_w^2 = P_t^2 + R^2$ 194,830 ✓	$P_w = \sqrt{P_w^2}$ 441 ✓
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DELIVERABILITY CALCULATION

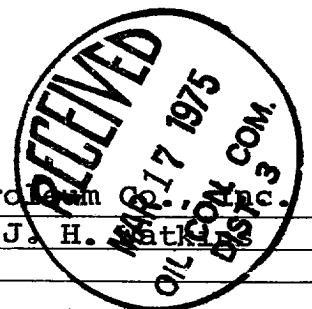
$D = Q \left[\frac{P_c^2 - P_d^2}{P_c^2 - P_w^2} \right]^n =$	584	$\left[\frac{508,844}{1,216,514} \right]^n \left(.4183 \right)^n = .4767$	$= 279$ MCF/D
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REMARKS:

SUMMARY

Item h 436 ✓ Psia
 P_c 1188 ✓ Psia
 Q 584 ✓ MCF/D
 P_w 441 ✓ Psia
 P_w 950 ✓ Psia
 P_d 279 ✓ Psia
 D 279 MCF/D

Company Coastline Petroleum Co.
 By J. H. Mathis
 Title Agent
 Witnessed By _____
 Company _____



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