

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

Form C122-A
 Revised 1-1-66

POOL NAME Blanco	POOL SLOPE n = .75	FORMATION Mesa Verde	COUNTY Rio Arriba
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COMPANY Coastline Petroleum Co., Inc.			WELL NAME AND NUMBER Scahlk 54-2		
UNIT LETTER I	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 5980	TUBING O.D. - INCHES 2.375	TUBING I.D. - INCHES 1.995	TOP - TUBING PERF. - FEET 5850
GAS PAY ZONE FROM 5636 TO 5856		WELL PRODUCING THRU CASING TUBING X		GAS GRAVITY .589	GRAVITY X LENGTH 3446 ✓
DATE OF FLOW TEST FROM 1-19-75 TO 1-27-75			DATE SHUT-IN PRESSURE MEASURED 9-11-74		

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.) 219
(h) Corrected Meter Pressure (g + e)	(i) Avg. Wellhead Press. $P_t = (h + f)$ 219 ✓	(j) Shut-in Casing Pressure (DWt) 1192	(k) Shut-in Tubing Pressure (DWt) 1192	(l) P_c = higher value of (j) or (k) 1192 ✓	(m) Del. Pressure $P_d = \frac{80}{954}$ % P_c 954 ✓	(n) Separator or Dehydrator Pr. (DWt) for critical flow only

FLOW RATE CORRECTION (METER ERROR)

Integrated Volume - MCF/D 669	Quotient of $\frac{\text{Item c}}{\text{Item d}}$ 1.000	$\sqrt{\frac{\text{Item c}}{\text{Item d}}}$ 1.000	Corrected Volume $Q = \frac{669}{1.000}$ MCF/D 669 ✓
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WORKING PRESSURE CALCULATION

$(1 - e^{-s})$.222	$(F_c Q_m)^2 (1000)$ 39,564 ✓	$R^2 = (1 - e^{-s}) (F_c Q_m)^2 (1000)$ 8,783 ✓	P_t^2 47,961 ✓	$P_w^2 = P_t^2 + R^2$ 56,744 ✓	$P_w = \sqrt{P_w^2}$ 238 ✓
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DELIVERABILITY CALCULATION

$D = Q \left[\frac{P_c^2 - P_d^2}{P_c^2 - P_w^2} \right]^n = \frac{669}{\left[\frac{510,748}{1,364,120} \right]^{.3744}} = \frac{669}{.4786} = 320$ MCF/D	320 ✓
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REMARKS:

SUMMARY

Item h **219** ✓ Psia
 P_c **1192** ✓ Psia
 Q **669** ✓ MCF/D
 P_w **238** ✓ Psia
 P_d **954** ✓ Psia
 D **320** ✓ MCF/D

Company **Coastline Petroleum Co., Inc.**
 By **J. H. Warkins**
 Title **Agent**

Witnessed By _____

Company _____

