

**NEW MEXICO OIL CONSERVATION COMMISSION**  
**INITIAL WELL DELIVERABILITY TEST REPORT FOR 19** \_\_\_\_\_

Form C122-A  
 Revised 1-1-66

|                            |                              |                                |                             |
|----------------------------|------------------------------|--------------------------------|-----------------------------|
| POOL NAME<br><b>Blanco</b> | POOL SLOPE<br>n = <b>.75</b> | FORMATION<br><b>Mesa Verde</b> | COUNTY<br><b>Rio Arriba</b> |
|----------------------------|------------------------------|--------------------------------|-----------------------------|

|                                                            |                                      |                                                     |                                                  |                                                  |                                          |
|------------------------------------------------------------|--------------------------------------|-----------------------------------------------------|--------------------------------------------------|--------------------------------------------------|------------------------------------------|
| COMPANY<br><b>Coastline Petroleum Co, Inc.</b>             |                                      |                                                     | WELL NAME AND NUMBER<br><b>Schalk 52-5</b>       |                                                  |                                          |
| UNIT LETTER<br><b>M</b>                                    | SECTION<br><b>24</b>                 | TOWNSHIP<br><b>29N</b>                              | RANGE<br><b>5W</b>                               | PURCHASING PIPELINE<br><b>Northwest Pipeline</b> |                                          |
| CASING O.D. - INCHES<br><b>5.500</b>                       | CASING I.D. - INCHES<br><b>4.950</b> | SET AT DEPTH - FEET<br><b>5822</b>                  | TUBING O.D. - INCHES<br><b>2.375</b>             | TUBING I.D. - INCHES<br><b>1.995</b>             | TOP - TUBING PERF. - FEET<br><b>5327</b> |
| GAS PAY ZONE<br>FROM <b>5354</b> TO <b>5706</b>            |                                      | WELL PRODUCING THRU<br>CASING _____ TUBING <b>X</b> |                                                  | GAS GRAVITY<br><b>.639</b>                       | GRAVITY X LENGTH<br><b>3404</b> ✓        |
| DATE OF FLOW TEST<br>FROM <b>1-17-75</b> TO <b>1-25-75</b> |                                      |                                                     | DATE SHUT-IN PRESSURE MEASURED<br><b>5-28-74</b> |                                                  |                                          |

**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.)<br><b>449</b>           |
| (h) Corrected Meter Pressure (g + e) | (i) Avg. Wellhead Press. $P_t = (h + f)$<br><b>449</b> ✓ | (j) Shut-in Casing Pressure (DWt)<br><b>1173</b> | (k) Shut-in Tubing Pressure (DWt)<br><b>1169</b> | (l) $P_c$ = higher value of (j) or (k)<br><b>1173</b> ✓ | (m) Del. Pressure $P_d =$ <b>80</b> % $P_c$<br><b>938</b> ✓ | (n) Separator or Dehydrator Pr. (DWt) for critical flow only |

**FLOW RATE CORRECTION (METER ERROR)**

|                                         |                                                                   |                                                              |                                               |
|-----------------------------------------|-------------------------------------------------------------------|--------------------------------------------------------------|-----------------------------------------------|
| Integrated Volume - MCF/D<br><b>822</b> | Quotient of $\frac{\text{Item c}}{\text{Item d}}$<br><b>1.000</b> | $\sqrt{\frac{\text{Item c}}{\text{Item d}}}$<br><b>1.000</b> | Corrected Volume<br>Q = <b>822</b> ✓<br>MCF/D |
|-----------------------------------------|-------------------------------------------------------------------|--------------------------------------------------------------|-----------------------------------------------|

**WORKING PRESSURE CALCULATION**

|                                 |                                        |                                                            |                             |                                           |                                      |
|---------------------------------|----------------------------------------|------------------------------------------------------------|-----------------------------|-------------------------------------------|--------------------------------------|
| $(1 - e^{-s})$<br><b>.219</b> ✓ | $(F_c Q_m)^2 (1000)$<br><b>59725</b> ✓ | $R^2 = (1 - e^{-s}) (F_c Q_m)^2 (1000)$<br><b>13,080</b> ✓ | $P_t^2$<br><b>201,601</b> ✓ | $P_w^2 = P_t^2 + R^2$<br><b>214,681</b> ✓ | $P_w = \sqrt{P_w^2}$<br><b>463</b> ✓ |
|---------------------------------|----------------------------------------|------------------------------------------------------------|-----------------------------|-------------------------------------------|--------------------------------------|

**DELIVERABILITY CALCULATION**

|                                                                           |                                                                      |                    |
|---------------------------------------------------------------------------|----------------------------------------------------------------------|--------------------|
| $D = Q \left[ \frac{P_c^2 - P_d^2}{P_c^2 - P_w^2} \right]^n =$ <b>822</b> | $\left[ \frac{496,085}{1,161,248} \right]^n \cdot (.4272)^n = .5284$ | <b>434</b> ✓ MCF/D |
|---------------------------------------------------------------------------|----------------------------------------------------------------------|--------------------|

REMARKS:

**SUMMARY**

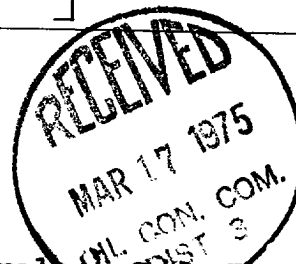
Item h **449** ✓ Psia  
 P<sub>c</sub> **1173** ✓ Psia  
 Q **822** ✓ MCF/D  
 P<sub>w</sub> **463** ✓ Psia  
 P<sub>d</sub> **938** ✓ Psia  
 D **434** ✓ MCF/D

Company **Coastline Petroleum Co., Inc.**

By **J. H. Watkins**  
 Title **Agent**

Witnessed By \_\_\_\_\_

Company \_\_\_\_\_



*OK*

Section 101

November 11

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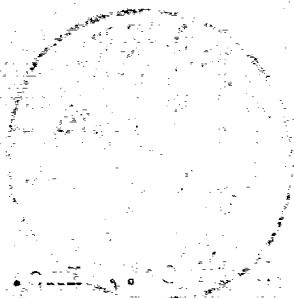
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