

Olen F. Featherstone
OIL PRODUCER
ROSWELL PETROLEUM BUILDING
ROSWELL, NEW MEXICO

January 14, 1964

RECEIVED

JAN 17 1964
FEDERAL BUREAU OF INVESTIGATION
U.S. DEPARTMENT OF JUSTICE

Skelly Oil Company
P. O. Box 1650
Tulsa 2, Oklahoma

Re: NMOCC Form C-110
As Per NMOCC Memo #3-63
Dated November 1, 1963

Gentlemen:

In compliance with the above described Memo from the New Mexico Oil Conservation Commission, attached are approved copies of Form C-110 covering the Olen F. Featherstone #9 State and the #10 State in Section 2, Township 17 South, Range 31 East, Eddy County, New Mexico.

As transporter and purchaser of the gas from the above mentioned wells, Skelly Oil Company is entitled to copies of Form C-110. It is possible that you may already have these forms in your file.

Very truly yours,

OLEN F. FEATHERSTONE
ORIGINAL SIGNATURE

Rex Alcorn
Geologist

RA/d1

Attachments

cc: Mr. A. L. Porter, Jr., Sec.-Director, N.M.O.C.C.
P.O. Box 871, Santa Fe, N.Mex.

N.M.O.C.C. - Artesia, New Mexico

Mathematical Induction

Prove that for all $n \in \mathbb{N}$,
 $1 + 2 + \dots + n = \frac{n(n+1)}{2}$

Base Case:

$n = 1$

$1 = \frac{1(1+1)}{2}$

Inductive Step:

Assume $P(k)$ is true

Prove $P(k+1)$

$1 + 2 + \dots + k + (k+1)$

$= \frac{k(k+1)}{2} + (k+1)$

$= \frac{k(k+1) + 2(k+1)}{2}$

$= \frac{(k+1)(k+2)}{2}$

$= \frac{(k+1)((k+1)+1)}{2}$

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