



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office Santa Fe
Lease No. 00013-B
Unit Abraham Unit

SUNDRY NOTICES AND REPORTS ON WELLS

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|--|--|-------------------------------------|
| NOTICE OF INTENTION TO DRILL | SUBSEQUENT REPORT OF WATER SHUT-OFF | <input checked="" type="checkbox"/> |
| NOTICE OF INTENTION TO CHANGE PLANS | SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING | |
| NOTICE OF INTENTION TO TEST WATER SHUT-OFF | SUBSEQUENT REPORT OF ALTERING CASING | |
| NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL | SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR | |
| NOTICE OF INTENTION TO SHOOT OR ACIDIZE | SUBSEQUENT REPORT OF ABANDONMENT | |
| NOTICE OF INTENTION TO PULL OR ALTER CASING | SUPPLEMENTARY WELL HISTORY | |
| NOTICE OF INTENTION TO ABANDON WELL | | |

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

Well No. 2-B is located 790 ft. from [N] line and 800 ft. from [E] line of sec. 14
EE Sec. 14 38 6N N.M.P.M.
($\frac{1}{4}$ Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Blanco N.V. Rio Arriba New Mexico
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 6322 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

6-2-55. Total Depth 5759'.
Run 56 joints 5 1/2", 15.50#, J-55 liner (2254') set from 3392' to 5756' w/125
cacks regular cement, 125 sacks Komin, 12# gal, 1/4# Floccs/ck, followed
by 50 sacks regular cement.

Held 1000# for 30 minutes.

Top of cement by temperature survey at 3392'.



I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company El Paso Natural Gas Company
Address Box 997
Farmington, New Mexico
By Original Signed D. C. Johnston
Title Petroleum Engineer

The first part of the paper is devoted to the study of the properties of the function $f(x)$ defined by the equation $f(x) = \sum_{n=0}^{\infty} \frac{f_n(x)}{n!}$, where $f_n(x)$ are the functions defined by the recurrence relation $f_n(x) = \frac{1}{n} \int_0^x f_{n-1}(t) dt$, $f_0(x) = 1$. It is shown that the function $f(x)$ is analytic in the interval $(0, \infty)$ and that it satisfies the differential equation $f'(x) = f(x)$. The second part of the paper is devoted to the study of the properties of the function $g(x)$ defined by the equation $g(x) = \sum_{n=0}^{\infty} \frac{g_n(x)}{n!}$, where $g_n(x)$ are the functions defined by the recurrence relation $g_n(x) = \frac{1}{n} \int_0^x g_{n-1}(t) dt$, $g_0(x) = 1$. It is shown that the function $g(x)$ is analytic in the interval $(0, \infty)$ and that it satisfies the differential equation $g'(x) = g(x)$.

The third part of the paper is devoted to the study of the properties of the function $h(x)$ defined by the equation $h(x) = \sum_{n=0}^{\infty} \frac{h_n(x)}{n!}$, where $h_n(x)$ are the functions defined by the recurrence relation $h_n(x) = \frac{1}{n} \int_0^x h_{n-1}(t) dt$, $h_0(x) = 1$. It is shown that the function $h(x)$ is analytic in the interval $(0, \infty)$ and that it satisfies the differential equation $h'(x) = h(x)$. The fourth part of the paper is devoted to the study of the properties of the function $k(x)$ defined by the equation $k(x) = \sum_{n=0}^{\infty} \frac{k_n(x)}{n!}$, where $k_n(x)$ are the functions defined by the recurrence relation $k_n(x) = \frac{1}{n} \int_0^x k_{n-1}(t) dt$, $k_0(x) = 1$. It is shown that the function $k(x)$ is analytic in the interval $(0, \infty)$ and that it satisfies the differential equation $k'(x) = k(x)$.

The fifth part of the paper is devoted to the study of the properties of the function $l(x)$ defined by the equation $l(x) = \sum_{n=0}^{\infty} \frac{l_n(x)}{n!}$, where $l_n(x)$ are the functions defined by the recurrence relation $l_n(x) = \frac{1}{n} \int_0^x l_{n-1}(t) dt$, $l_0(x) = 1$. It is shown that the function $l(x)$ is analytic in the interval $(0, \infty)$ and that it satisfies the differential equation $l'(x) = l(x)$. The sixth part of the paper is devoted to the study of the properties of the function $m(x)$ defined by the equation $m(x) = \sum_{n=0}^{\infty} \frac{m_n(x)}{n!}$, where $m_n(x)$ are the functions defined by the recurrence relation $m_n(x) = \frac{1}{n} \int_0^x m_{n-1}(t) dt$, $m_0(x) = 1$. It is shown that the function $m(x)$ is analytic in the interval $(0, \infty)$ and that it satisfies the differential equation $m'(x) = m(x)$.

The seventh part of the paper is devoted to the study of the properties of the function $n(x)$ defined by the equation $n(x) = \sum_{n=0}^{\infty} \frac{n_n(x)}{n!}$, where $n_n(x)$ are the functions defined by the recurrence relation $n_n(x) = \frac{1}{n} \int_0^x n_{n-1}(t) dt$, $n_0(x) = 1$. It is shown that the function $n(x)$ is analytic in the interval $(0, \infty)$ and that it satisfies the differential equation $n'(x) = n(x)$. The eighth part of the paper is devoted to the study of the properties of the function $o(x)$ defined by the equation $o(x) = \sum_{n=0}^{\infty} \frac{o_n(x)}{n!}$, where $o_n(x)$ are the functions defined by the recurrence relation $o_n(x) = \frac{1}{n} \int_0^x o_{n-1}(t) dt$, $o_0(x) = 1$. It is shown that the function $o(x)$ is analytic in the interval $(0, \infty)$ and that it satisfies the differential equation $o'(x) = o(x)$.