October 21, 1957

R & G Drilling Company, Inc.
P. C. Box 1848
Farmington, New Mexico

Attention: Mr. William C. Russell

Administrative Order NSL-118

Gentlemen:

Reference is made to your application for approval of an unorthodox well location for your Hammond Well No. 37 to be located 2110 feet from the South line and 660 feet from the West line and in the NW/4 SW/4 of Section 35, Township 27 North, Range 8 West, South Blanco-Pictured Cliffs Pool, San Juan County, New Mexico.

It is our understanding that this unorthodox well location is based upon extreme topographic conditions in the SW/4 of said section.

Inasmuch as you furnished waivers from the offset operators, it is possible for immediate approval to be granted. Therefore, by authority granted me under provisions of Rule 4 of the Special Rules and Regulations of the South Blanco Pictured Cliffs Pool, as set forth in Order R-565-C, you are hereby granted an exception to Rule 3 of Order R-565-C for the above described unorthodox well location. You must also obtain like approval from the U. S. Geological Survey if this well is on federal land.

Very truly yours,

A. L. PORTER, Jr.
Secretary-Director

DSN:cmg
cc: Oil Conservation Commission, Aztec, New Mexico
     U. S. Geological Survey, Farmington, New Mexico

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DIST. 3

OPEN FLOW TEST DATA

Date: __August 2, 1957__

Operator: __BILLING CO__   Lease: __HAMMOND__ /

Location: __37 L - 35 - 27 N - 8 W__   County: __SAN JUAN__ State: __N M__

Formation: __PICTURE LIFF__   Pool: __BLANCO__

Casing: __5½__ " Set @ __2347__ '   Tubing: __3/4__ " Set @ __2240__ '

Pay Zone: __2184__ ' To: __2215__ '   Total Depth: __2275__ '

Choke Size: __3/4__ "   Choke Constant = C = __14.1685__

Stimulation Method: __F__   Flow Through: Casing __x__ Tubing ____

Shut-In Pressure Casing: __830__ psig $\div$ 12 = __842__ psia (Shut-in __7__ days)

Shut-In Pressure Tubing: __830__ psig $\div$ 12 = __842__ psia

Flowing Pressure: P : __NONE__ psig $\div$ 12 = __ONE__ psia

Working Pressure: P_w : __ONE__ psig $\div$ 12 = __NONE__ psia

Temperature: T : __60__ °F $\div$ 460 = __520__ ° Absolute

F_{pv} (from tables) : _____ Gravity _____ n _____

Choke Volume = Q = $C \times P_t \times F_t \times F_g \times F_{pv}$

     Q =   = _____ MCF/D

Open Flow = Aof = Q $\left[\dfrac{P_c^2}{P_c^2 - P_w^2} \right]^n$

     Aof = $\left[\dfrac{}{} \right]^n$ =

     Aof = __1,000__ MCF/D ESTIMATED

Tested By: __GEOLECTRIC INC__
       H EYES
Witnessed By: __MERY ARNOLD__
     OIL CONSERVATION COMMISSION

OIL CONSERVATION COMMISSION
AZTEC DISTRICT OFFICE

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