

# HUMBLE OIL & REFINING COMPANY

HUMBLE DIVISION

P. O. BOX 1600

MIDLAND, TEXAS

PRODUCTION DEPARTMENT  
WESTERN AREA

R. R. MCCARTY  
MANAGER  
J. S. BCLDRICK  
OPERATIONS SUPERINTENDENT  
H. L. HENSLEY  
OPERATIONS SUPERINTENDENT  
H. E. MEADOWS  
ENGINEERING COORDINATOR  
A. J. BEDFORD  
ADMINISTRATIVE COORDINATOR

September 8, 1960

10-2

Horseshoe-Gallup Oil Pool  
Pressure Maintenance Project

New Mexico Oil Conservation Commission  
P. O. Box 871  
Santa Fe, New Mexico

Attention: Mr. A. L. Porter, Jr.

Gentlemen:

By Order No. R-1745, dated August 9, 1960, the Oil Conservation Commission approved Humble Oil & Refining Company's application for a pressure maintenance project in the Horseshoe-Gallup Oil Pool, San Juan County, New Mexico. Special rules to govern the project were adopted, including Rule 11 which provides for expansion of the project after filing an application with certain required information and obtaining approval of the application by the Secretary-Director of the Commission.

The description of the project area included portions of Humble's Navajo "F" and "G" Leases. Since applying for approval of the project, Humble has acquired, effective September 1, 1960, an additional 160 acres adjoining the project area; namely, the R. L. Bayless, Navajo Lease described as the NE/4, Section 5, T-31-N, R-17-W, Tribal Lease 14-20-603-65. At present, there are three producing oil wells (Nos. 2, 4, and 6) and one shut-in gas well (No. 5) on the lease. It is hereby requested that the Commission approve expansion of this project to include the NE/4 of Section 5, which lease will be styled "Humble's Navajo "M" Lease". Further, it is requested that Wells No. 2 and No. 5 be approved as injection wells. In accordance with Rule 11 of Order R-1745, attached are plats showing wells and offset operators and schematic drawings of the proposed injection wells. Amended Forms C-110, Certificate of Compliance and Authorization to Transport Oil and Natural Gas, have been filed with the Commission for Wells Nos. 2, 4, and 6.

New Mexico Oil Conservation Commission  
Attention: Mr. A. L. Porter, Jr.  
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By copy of this letter, all offset operators are notified of this project expansion application. Your early consideration of this application will be appreciated.

Very truly yours,  
HUMBLE OIL & REFINING COMPANY

  
R. R. McCARTY

RLB/jn

Attachments

cc: Honolulu Oil Corporation  
P. O. Drawer 1391  
Midland, Texas  
Attn: Mr. F. C. Edwards

Skelly Oil Company  
P. O. Box 1650  
Tulsa 2, Oklahoma  
Attn: Mr. K. E. Jones

Texas Pacific Coal & Oil Company  
P. O. Box 2110  
Fort Worth 1, Texas  
Attn: Mr. R. W. Hines

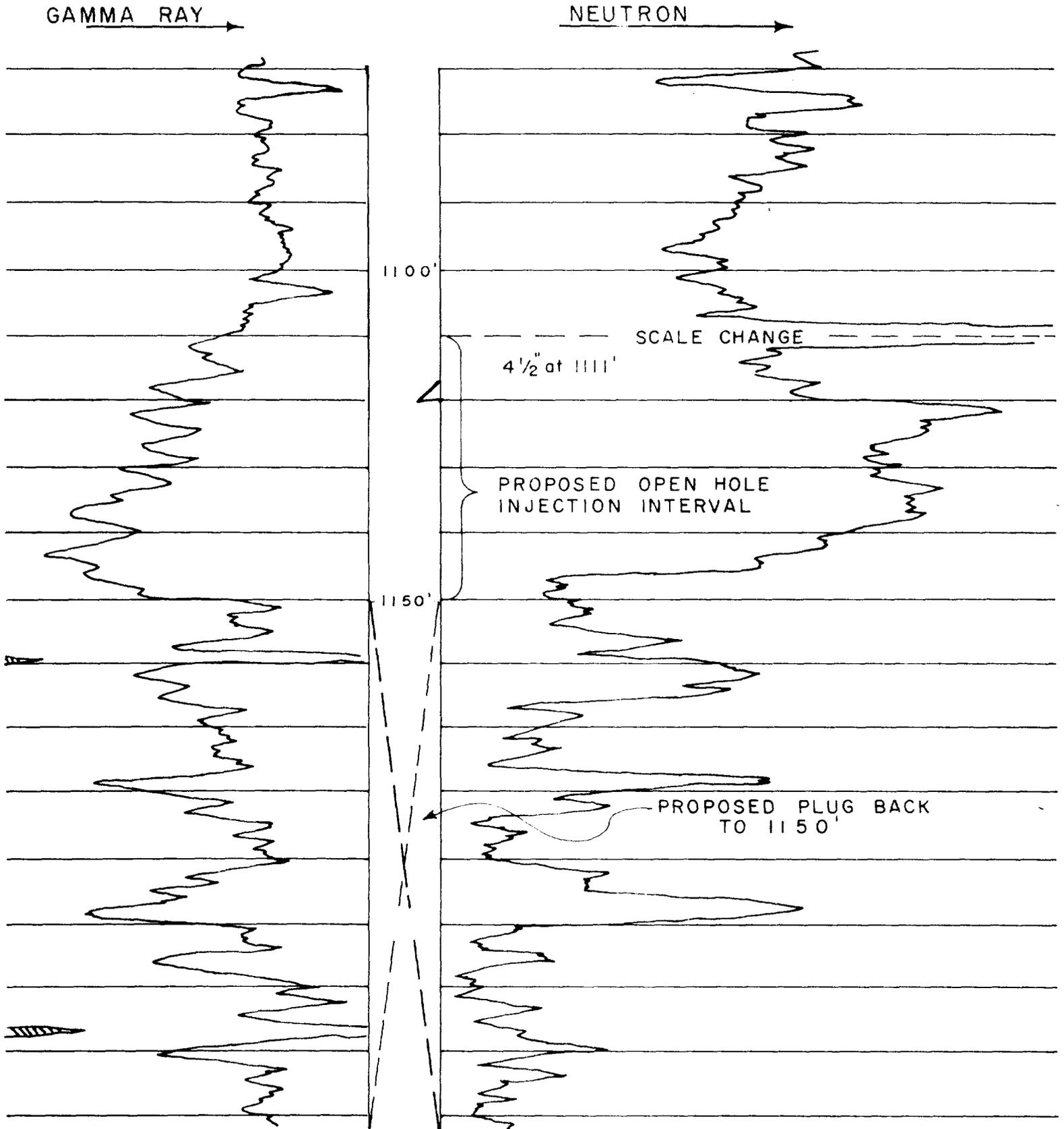
SCHEMATIC DRAWING OF PROPOSED INJECTION WELL  
HUMBLE OIL & REFINING CO.  
NAVAJO TRIBE OF INDIANS "M"-2  
HORSESHOE - GALLUP POOL

CASING RECORD : 100' of 7" Casing Cemented With 40 Sacks Cement

4 1/2" Set At 1120' With 17 Sacks Of Cement

FRAC With 28,000 Gals. Oil & 25,000 Lbs. Sand

PROPOSED ADDITIONAL WORK : Plug Back To Approx. 1150' & Place On Injection

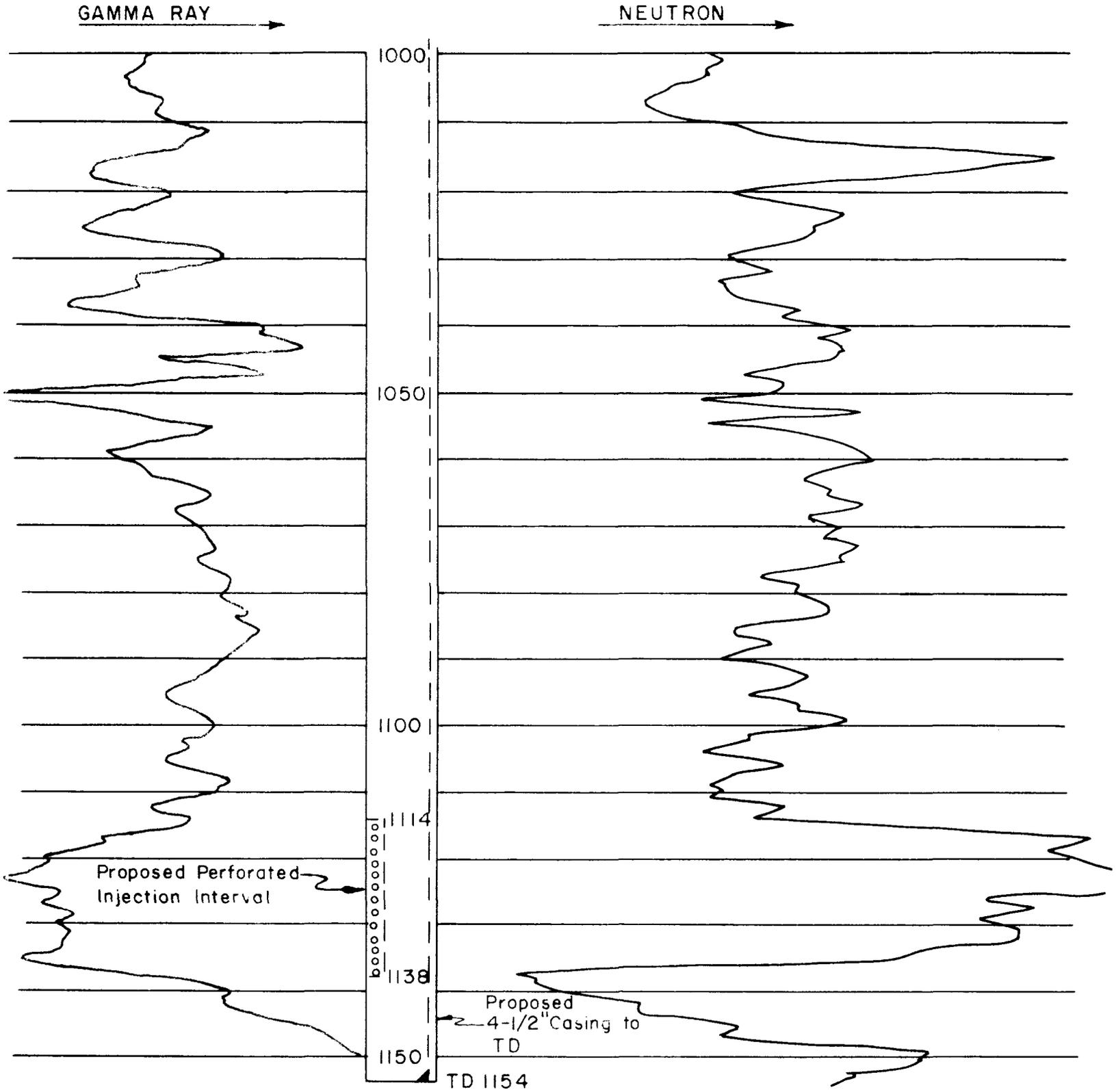


SCHEMATIC DRAWING OF PROPOSED INJECTION WELL  
HUMBLE OIL & REFINING CO.  
NAVAJO TRIBE OF INDIANS "M"-5  
HORSESHOE-GALLUP POOL

Casing Record: 100' of 7" Casing Cemented with 40 Sacks Cement  
Oil String Casing was Never Set

Proposed Casing Additions & Completions:

Set 4-1/2" Casing to Total Depth & Cement with 70 Sacks Cement  
Perforate, Water Frac, Place on Injection



LARGE FORMAT  
EXHIBIT HAS  
BEEN REMOVED  
AND IS LOCATED  
IN THE NEXT FILE