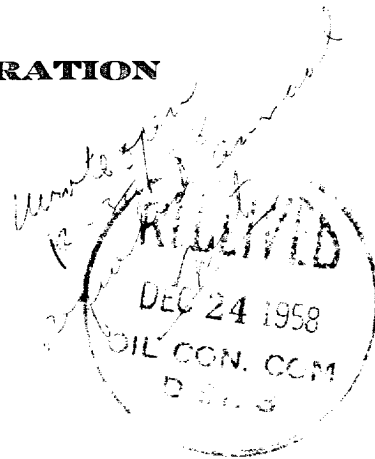


# HONOLULU OIL CORPORATION

P. O. DRAWER 1391  
MIDLAND, TEXAS

December 22, 1958



Mr. Emery Arnold  
Supervisor, District #3  
New Mexico Oil Conservation Commission  
1000 Rio Brazos Road  
Aztec, New Mexico

Re: Results of Packer Leakage Test on Honolulu Oil Corporation  
Jicarilla #4 Mesa Verde and #4 Pictured Cliffs  
(Unit K, Section 4, T 26 N, R 4 W)

Dear Sir:

Subject test was run on December 20, 1958, by flowing the #4 Pictured Cliffs through a 2-inch side static nipple with the #4 Mesa Verde shut-in. The following data was taken:

|  |          |
|--|----------|
| #4 Mesa Verde initial well head shut-in      | 939 psia |
| #4 Pictured Cliffs initial well head shut-in | 913 psia |

## Data on Flow

| <u>Time</u> | <u>Side Static Pressure<br/>on Test Nipple</u> |
|-------------|--|
| 3:00 p.m.   | 68 inches water                                |
| 3:15 p.m.   | 40 inches water                                |
| 3:30 p.m.   | 31 inches water                                |
| 4:00 p.m.   | 27 inches water                                |

|   |          |
|---|----------|
| #4 Mesa Verde final pressure at 4:00 p.m. | 939 psia |
|---|----------|

The test was discontinued at 4:00 p.m. because it was evident that the packer was not leaking. Pressures from the deliverability tests which indicated a possible leak because they were identical is undoubtedly a coincidence and resulted from a permeability lower in the Mesa Verde than in the Pictured Cliffs formation.

Very truly yours,

HONOLULU OIL CORPORATION

*RSB Evans*

By

Division Gas Engineer

GBE/jd

cc: G. R. Hoy  
R. E. James  
R. Estes  
Files (2)