

SHAR-ALAN OIL COMPANY

1402 DENVER U. S. NATIONAL CENTER

DENVER 2, COLORADO

August 24, 1966

New Mexico Oil & Gas Commission
1000 Rio Brazos Road
Aztec, New Mexico

Attention: Mr. Emery Arnold

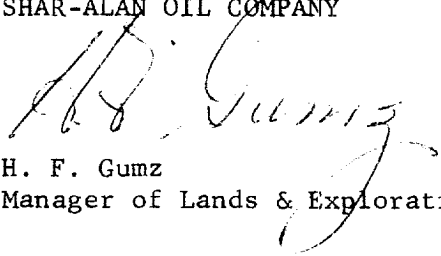
RE: #4 Jicarilla N 163
NW/4 Section 22 - 23N - 2W
Sandoval County, New Mexico

Gentlemen:

In order to complete your files relative to the above captioned well, enclosed herewith please find original executed copy of the hole deviation survey.

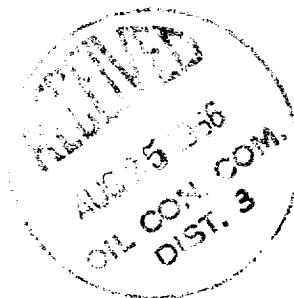
Very truly yours,

SHAR-ALAN OIL COMPANY


H. F. Gumz
Manager of Lands & Explorations

HFG/so
Enclosure

CC: Humble Oil & Refining Company



RAYCO DRILLING COMPANY

P. O. Box 1741
FARMINGTON, NEW MEXICO
TELEPHONE 325 - 1461

August 8, 1966

Company: Char Alan Oil Company
Well: Jicarilla N # 4
Location: NW 1/4 Section 22-23N-2W
Sandoval County, New Mexico

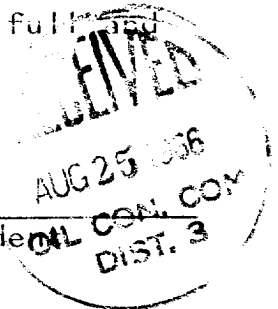
SUBJECT: Tabulation of All Deviation Tests Run:

DEVIATION TESTS

Feet	Degrees
413	1/4
896	1/2
1274	1/4
1701	1/4
2160	1/2
2609	1/2
3070 TD	1/2

I hereby swear (or affirm) that the statements made are a full and correct report.

F. J. Ray
F. J. Ray, President



Colombo
STATE OF ~~NEW MEXICO~~)
Demo
COUNTY OF ~~SAN JUAN~~)

The foregoing instrument, was acknowledged before me this 23rd day of August, 1966, by F. J. Ray, President of Rayco Drilling Company.

Witness my hand and official seal

My Commission Expires:

James M. J.

Notary Public
Notary Public