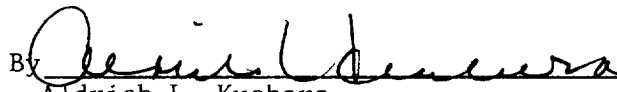


GIANT EXPLORATION & PRODUCTION COMPANY
CARSON UNIT WELL NO. ~~2~~ 19 ~~1984~~
330' FSL, 2310' FWL
SEC. 19, T25N, R11W
SAN JUAN COUNTY, NEW MEXICO
LEASE NO. SF 078063
DEVIATION SURVEY

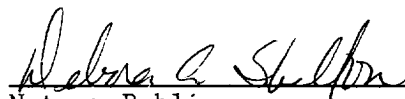
RECEIVED
NOV 14 1990
OIL CON. DIV.
DIST. 3

| <u>DATE</u> | <u>DEPTH</u> | <u>INCLINATION</u> |
|-------------|--------------|--------------------|
| 10-29-90 | 367' | 1 degree |
| 10-30-90 | 966' | 1/2 degree |
| 10-30-90 | 1460' | 1 degree |
| 10-30-90 | 1971' | 1-1/4 degrees |
| 10-30-90 | 2284' | 1 degree |
| 10-31-90 | 2774' | 1 degree |
| 10-31-90 | 3280' | 1 degree |
| 11-01-90 | 3804' | 1-3/4 degrees |
| 11-01-90 | 4304' | 1 degree |
| 11-02-90 | 4584' | 1 degree |
| 11-03-90 | 5040' | 1 degree |

By  Date November 12, 1990
Aldrich L. Kuchera
President

State of New Mexico
County of San Juan

The foregoing instrument was acknowledged before me this 12th
day of November, 1990 by Aldrich L. Kuchera.


Notary Public

My commission expires July 20, 1991.