

HORIZON DRILLING &
EXPLORATION CORPORATION

200 W. First St.

Suite 225 Petroleum Bldg.
Roswell, New Mexico 88201

623-9537

June 20, 1982

Deviation Surveys: GRAFFA R. W. FEDERAL # 2 Spudded 5-4-82 T.D. 5-12-82
Chaves County New Mexico Sec.35,T5S, R24E

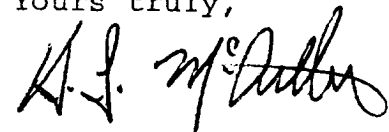
519'	1/2
930'	3/4
1400'	1
1786'	1 3/4
2316'	1
2815'	3/4
3000'	1/2
3408'	3/4
3800'	1
4225'	1 3/4 T.D.

RECEIVED

JUN 24 1982

O. C. D.
ARTESIA, OFFICE

Yours truly,



H. L. McArthur
Gen. Mgr.
Horizon Drilling

STATE OF NEW MEXICO)
COUNTY OF CHAVES) SS.

Acknowledged before me this 22nd day of June, 1982.


Notary Public

My Commission Expires:
7-8-85