

DEVIATION SURVEY REPORT

Re: OPERATOR: JACK GRYNBERG AND ASSOCIATES

WELL NAME:

WELL LOCATION:

RECEIVED

JUN 30 1982

O. C. D.
ARTESIA, OFFICE

TOTCO DEVIATION SURVEY:

<u>DATE</u>	<u>FOOTAGE/DEPTH</u>	<u>DEVIATION/DEGREE</u>
4/21/82	485'	1/2
4/22/82	898'	1/2
4/23/82	1425'	1/2
4/24/82	1947'	1
	2445'	1
4/25/82	2972'	1
4/26/82	3465'	3/4
4/27/82	3869'	3/4
4/28/82	4100'	1

I hereby certify that the above deviation survey, performed on the referenced well, is true and correct to the best of my knowledge.

JACK GRYNBERG AND ASSOCIATES

Morris Ettinger
MORRIS ETTINGER, Exploration Manager

STATE OF Colorado)
COUNTY OF Denver) ss.

On this 8th day of June, 1982, before me, a Notary Public in and for said County and State, personally appeared Morris Ettinger, to me known to be the identical person described in and who executed the within and foregoing instrument and acknowledged to me that he executed the same as his free and voluntary act and deed for the uses and purposes therein set forth.

WITNESS my hand and official seal the day and year above written.

My commission expires:

11-5-85

Janet E. Meglen
Notary Public
8065 W. FREMONT DR.
LITTLETON, CO 80123

