

DEVIATION SURVEY REPORT

RECEIVED

MAY 10 1982

O. C. D.
ARTESIA, OFFICE

Re: OPERATOR: JACK GRYNBERG AND ASSOCIATES

WELL NAME: TROUT WELL FEDERAL #1


WELL LOCATION: 62.29' FSL & 1983.97' FEL
Sec. 29, T 5 S - R 24 E
Chaves County, NM

TOTCO DEVIATION SURVEY:

<u>DATE</u>	<u>DEPTH/FT</u>	<u>DEVIATION/DEGREE</u>
12/3/81	518'	1/4
12/3/81	865'	3/4
12/7/81	1939'	1/4
12/8/81	2420'	1/4
12/8/81	2947'	1/4
12/9/81	3465'	1/2
12/10/81	4152'	1/4

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
JACK GRYNBERG AND ASSOCIATES

STATE OF Colorado)
COUNTY OF Denver)

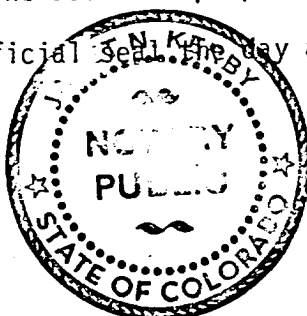
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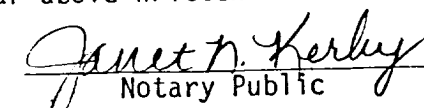
On this 5th day of May, 1982, before me, a Notary Public in and for said County and State, personally appeared MORRIS ETTINGER, to me known to be the identical person described in and who executed the within and foregoing instrument and acknowledged to me that he executed the same as his free and voluntary act and deed for the uses and purposes therein set forth.

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

My commission expires:

5/20/85




Notary Public
JANET N. KERBY, NOTARY PUBLIC
1033 GARFIELD STREET
DENVER, COLORADO 80206