

James L. Ludwick

ENTERPRISES

P.O. BOX 70 • FARMINGTON, NEW MEXICO 87499 • (505) 325-1079

February 23, 1998

Oil & Gas Conservation Commission
1000 Rio Brazos Rd.
Aztec, NM 87410

RECEIVED
FEB 27 1998
OIL CON. DIV.
DIST. 3

Re: Directional Survey
Well Gem #1
Sec. 14, T30N, R13W
San Juan County, NM

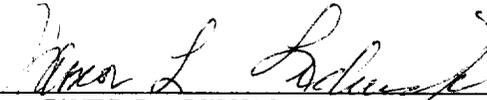
Below is the directional survey on the Gem #1 well.

120' 1/2°
650' 1/2°
1100' 3/4°
1500' 3/4°
1950' 1°

STATE OF NEW MEXICO

COUNTY OF SAN JUAN

SIGNED & ACKNOWLEDGE BY



JAMES L. LUDWICK

The foregoing instrument was acknowledge before me this 23 day of FEB. 1998.



Ester Kitchens

My commission expires: 10/23/99