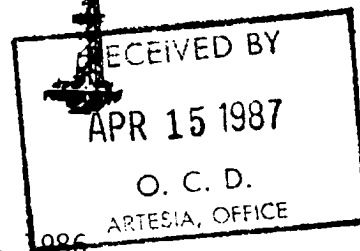


GRANDE DRILLING CORPORATION

J.P. White Building
P.O. Box 2487
Roswell, New Mexico 88201
(505) 623-9537



November 17, 1986

McKay Oil Corporation
P.O. Box 2014
Roswell, NM 88201

Re: Hosmer Federal #4
SE/4, Section 13, T6S, R22E
Chaves County, New Mexico

Spud-11/7/86

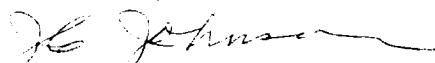
DEVIATION SURVEY

1/4'	@	515'
1/4'	@	912'
1/2'	@	1427'
3/4'	@	1927'
3/4'	@	2419'
3/4'	@	2918'
3/4'	@	3350'

TD - 3350'

Released 11/12/86

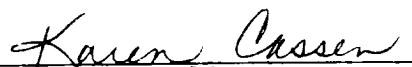
Sincerely,


J.C. Johnson
President

STATE OF NEW MEXICO)
COUNTY OF CHAVES)

The foregoing instrument was
acknowledged before me this
17th day of November, 1986,
by the person known to me to
be J.C. Johnson.

My Commission Expires: 3/31/89


Notary Public