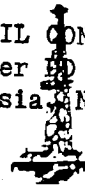


GRANDE DRILLING CORPORATION

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

NM OIL CONS. COMMISSION
Drawer 80
Artesia, NM 88210



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

McKay-Harvey Federal #4
Section 21, T9S, R25E
Chaves County, New Mexico

Spudded 9/14/84

DEVIATION SURVEY

1/2°	-	484'
3/4°	-	798'
1 1/4°	-	1288'
1°	-	1780'
1°	-	2218'
1 1/4°	-	2610'
1°	-	3100'
1°	-	3610'
1°	-	4016'

TD - 4309'

Released 9/23/84

RECEIVED DEC 3 1 1984

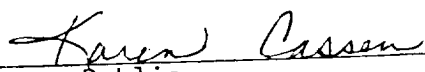
Sincerely,


J.C. Johnson
President

STATE OF NEW MEXICO)
COUNTY OF CHAVES)

The foregoing instrument was acknowledged before me this 28th day of December 1984 by the person known to me to be J.C. Johnson.

My Commission Expires:
3-31-85


Notary Public