

FOUR CORNERS DRILLING CO.

P. O. BOX 1067

491 HWY. 64

FARMINGTON, NEW MEXICO 87499

TELEPHONE: (505) 326-3371

April 4, 1989

Manzano Oil Company
P.O. Box 2107
Roswell, NM 88202

Re: Deviation Surveys Wild Swede #1
Section 6, T30N, R15W
San Juan County, New Mexico

Gentlemen:

The following are the results of the surveys taken by us on the
above referenced well.

140 - 1/4°	931 - 3°
199 - 1 3/4°	1099 - 2 3/4°
259 - 1 1/4°	1245 - 3 1/2°
339 - 1 1/2°	1403 - 6°
499 - 1 3/4°	1462 - 6 3/4°
591 - 2°	1526 - 6 3/4°
681 - 2 3/4°	1619 - 6 3/4°
796 - 1 1/2°	1800 - 5°

Should you need additional information, please call on us.

Very truly yours,

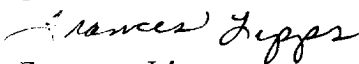


Ron Mahan
Contracts Manager

RM/vc

State of New Mexico
County of San Juan

Sworn and subscribed to me this 11 day of April, 1989.



Frances Lipps
Notary
3-28-91

RECEIVED
APR 20 1989
OIL CON. DIV.
DIST. 3



Manzano Oil Corporation

P.O. Box 2107
Roswell, New Mexico 88202-2107
(505) 623-1996

April 19, 1989

Re: Deviation Surveys Wild Swede #1
Section 6, T30N, R15W
San Juan County, New Mexico

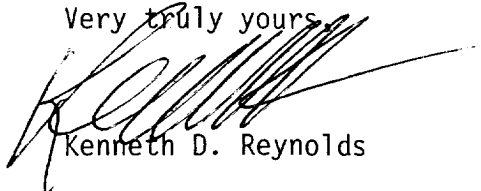
Gentlemen:

The following are the results of the surveys taken by us on the
above referenced well.

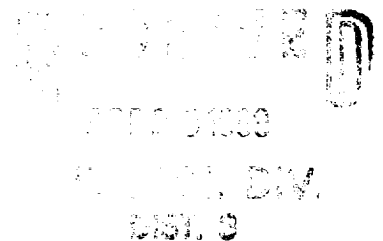
1890' - 5°	2290 - 4-1/2°
1960 - 4-3/4°	2360 - 4-1/2°
2120 - 4-3/4°	2440 - 4-1/4°

Should you need additional information, please call on us.

Very truly yours,

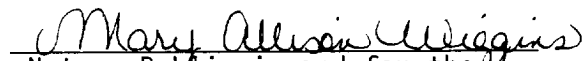

Kenneth D. Reynolds

KDR:aw



The State of New Mexico §
 §
County of Chaves §

The foregoing instrument was acknowledged before me this
19th day of April, 1989 by Kenneth D. Reynolds, President of
MANZANO OIL CORPORATION, a New Mexico corporation, on behalf of
said corporation.


Notary Public in and for the
State of New Mexico

My commission expires:

9/23/89



OFFICIAL SEAL
MARY ALLISON WIGGINS
NOTARY PUBLIC—STATE OF NEW MEXICO

My commission expires: 9/23/89