

A

READING & BATES
GREENLEE FEDERAL NO. 41-24
990'N - 990'E
SEC. 24, T. 25 N., R. 3 W.
KB 7224'
TD 8156'

MESA GRANDE RESOURCES, INC.
BROWN NO. 1
850'S - 1850'W
SEC. 17, T. 25 N., R. 2 W.
KB 7199'
TD 8302'

A'

4900'

BOUNDARY

West Lindrith
Gallup-Dakota
Oil Pool
R 3 W

Gavilan Mancos
Oil Pool
R 2 W

NIOBRARA "A" ZONE

NIOBRARA "B" ZONE

NIOBRARA "C" ZONE

UPPER MANCOS

NIOBRARA
(Gallup)

VERTICAL
LIMITS OF
WEST LINDRITH

SANOSTEE

LOWER
CARLILE

GREENHORN

GRANEROS

DAKOTA

MORRISON

VERTICAL
LIMITS OF
GAVILAN MANCOS

VERTICAL LIMITS
GAVILAN GREENHORN-
-GRANEROS-DAKOTA

DRILLED JULY-AUGUST 1987
CURRENTLY COMPLETING & TESTING
THE GALLUP & DAKOTA COMMINGLED
INTERVAL

COMPLETED 3/20/85
GAVILAN MANCOS IPP 5580 + 40MCFG & 1080PD
CUM. 9/1/87 = 34,973 BO + 146 MMCFG
GAVILAN GREENHORN-GRANEROS-DAKOTA
IPP 5680 + 75MCFG & 58WPD
CUM. 9/1/87 = 173780 + 1885 MCFG
DAKOTA CURRENTLY SHUT IN SINCE APRIL, 1985

WEST LINDRITH GALLUP-DAKOTA — GAVILAN MANCOS BUFFER ZONE
RIO ARRIBA COUNTY, NEW MEXICO

STRATIGRAPHIC CROSS-SECTION
A-A'
GALLUP-DAKOTA INTERVAL

BEFORE THE NEW MEXICO OIL CONSERVATION COMMISSION
CASE NO. 9226 & 9227
EXHIBIT NO. C-2

DATE: October, 1987