

MESA GRANDE RESOURCES, INC. -
MESA GRANDE, LTD.
Exhibits in Cases 9226 & 9227
Before the
New Mexico Conservation Commission
October 15, 1987

WTR
10/15/87

BEFORE THE
OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

Case No. 9226 Exhibit No. A1 through L
9227 E-1

Submitted by Mesa Grande Resources, Inc. + Mesa Grande Ltd.

Hearing Date 10-15-87

MESA GRANDE RESOURCES, INC. - MESA GRANDE, LTD.
WEST LINDRITH GALLUP - DAKOTA -- GAVILAN MANCOS BUFFER ZONE

Rio Arriba County, New Mexico

Before the New Mexico Oil Conservation Commission
Case No. 9226 & 9227

October 15, 1987

I N D E X

SECTION A:

Index

Exhibit A-1 Summary of Cases 9226 and 9227 as
advertised by Oil Conservation Division.

SECTION B:

Exhibit B-1 Base Map - Proposed Buffer Zone.

Exhibit B-2 Land Plat.

Exhibit B-3 Base Map - Gavilan Mancos Proration Units
affected by the Proposed Buffer Zone.

Exhibit B-4 Current and Proposed Minimum Well Setback
Requirements within the Buffer Zone.

SECTION C:

Exhibit C-1 Structure Map.

Exhibit C-2 Stratigraphic Cross Section.

SECTION D:

Exhibit D-1 Gas Allowables - no Buffer Zone.

Exhibit D-2 Oil Allowables - no Buffer Zone.

Exhibit D-3 Proposed Buffer Zone Allowable Formulas.

Exhibit D-4 Comparison of Allowables.

Exhibit D-5 Gas Allowables - with Buffer Zone and
Gavilan Restricted.

Exhibit D-6 Oil Allowables - with Buffer Zone and
Gavilan Restricted.

Exhibit D-7 Gas Allowables - with Buffer Zone and
Gavilan Unrestricted.

Exhibit D-8 Oil Allowables - with Buffer Zone and
Gavilan Unrestricted.

SECTION E:

Exhibit E-1 Proposed Buffer Zone Allowable and
Minimum Well Setback Recommendations.

CASE 9226: In the matter called by the Oil Conservation Division on its own motion to amend the Special Pool Rules for the West Lindrith Gallup-Dakota Oil Pool in Rio Arriba and Sandoval Counties, New Mexico, as promulgated by Division Order No. R-4314, to reconsider the well location requirements poolwide, to restate the allowable in the pool to reflect the daily oil allowables for a 160-acre unit in the depth range of this pool to 382 BOPD as promulgated by Division General Rule 505, and to create a buffer zone in those sections that adjoin the Gavilan-Mancos Oil Pool to the east (Sections 1, 12, 13, 24, 25 and 36, Township 25 North, Range 3 West, Rio Arriba County) with any additional provisions which may be necessary and/or advisable to protect correlative rights along the common boundary of the two pools. Said area is situated 10 to 20 miles west-northwest of Lindrith, New Mexico.

CASE 9227: In the matter called by the Oil Conservation Division on its own motion to amend the Special Pool Rules for the Gavilan-Mancos Oil Pool in Rio Arriba County, New Mexico, as promulgated by Division Order No. R-7407, as amended, to create a buffer zone utilizing those existing proration units in Sections 5, 6, 7, 8, 17, 18, 19, 20, 29, 30, 31 and 32, Township 25 North, Range 2 West, that adjoin the West Lindrith Gallup-Dakota Oil Pool with any additional provisions which may be necessary and/or advisable to protect correlative rights along the common boundary of the two pools. Said area is situated 4 to 9 miles northwest of Lindrith, New Mexico.

MESA GRANDE RESOURCES, INC.-MESA GRANDE LTD.
WEST LINDRITH GALLUP-DAKOTA—GAVILAN MANCOS BUFFER ZONE
RIO ARRIBA COUNTY, NEW MEXICO

BEFORE THE NEW MEXICO OIL CONSERVATION COMMISSION
CASE NO. 9226 & 9227
EXHIBIT NO. A-1

DATE October, 1987