

A

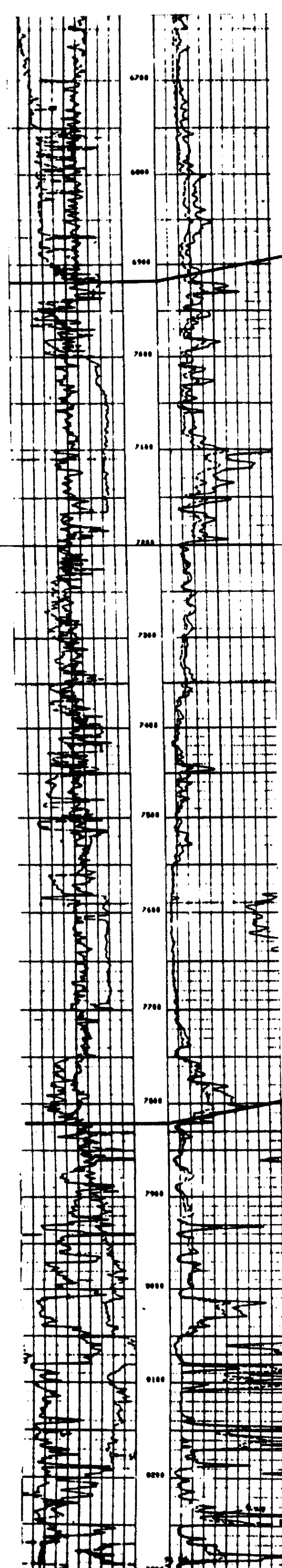
MESA GRANDE RESOURCES, INC.
BROWN NO. 1
SW/4 SEC. 17, T. 25 N., R. 2 W.
K.B. 7199'

READING & BATES
HOWARD FEDERAL NO. 43-15
SE/4 SEC. 15, T. 25 N., R. 2 W.
K.B. 7270'

MESA GRANDE RESOURCES, INC.
GAVILAN HOWARD NO. 1
NW/4 SEC. 23, T. 25 N., R. 2 W.
K.B. 7296'

MESA GRANDE RESOURCES, INC.
RUCKER LAKE NO. 2
SW/4 SEC. 24, T. 25 N., R. 2 W.
K.B. 7396'

A'



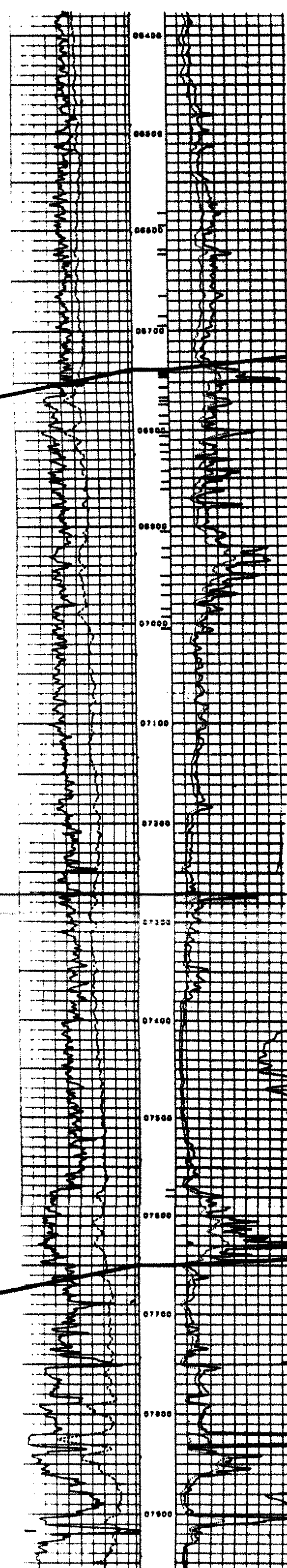
Gallup & Dakota Completed
Dakota Currently Shut In With Bridge Plug
Completed: 3-20-85
(Gallup) IPF 55 BO + 40 MCFG & 5 BWPD
(Dakota) IPF 56 BO + 75 MCFG & 5 BWPD

TOP OF GALLUP

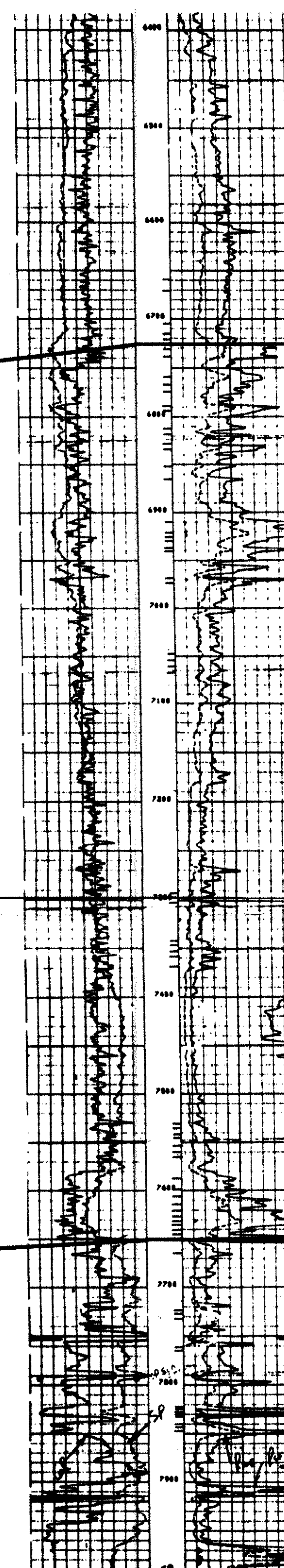
SEA LEVEL

BASE OF GREENHORN

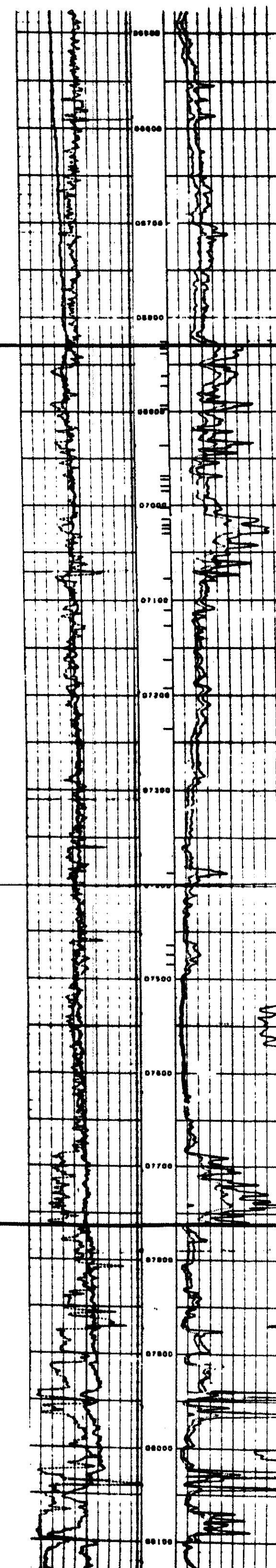
HORIZONTAL SCALE: 1"=1000'
VERTICAL SCALE: 1"=100'



Gallup-Dakota Dual
Completed: 6-23-86
(Gallup) IPF 99 BO + 225 MCFG & 1 BWPD
(Dakota) IPF 53 BO + 1783 MCFG & 16 BWPD



Dual Completion
Undesignated Gallup, Completed: 4-23-84
IPF 75 BO + 2,712 MCFG & 34 BWPD
Basin Dakota, Completed: 4-21-84
IPF 83 BO + 2,465 MCFG & 8 BWPD



Gallup
Completed: 8/26/83
IPF 193 BO + 230 MCFG & 220 BWPD

BEFORE THE
OIL CONSERVATION COMMISSION
Santa Fe, New Mexico
Case No. 8964 Exhibit 7
Submitted by Mesa Grande Resources
Hearing Date August 4, 1986

MESA GRANDE RESOURCES, INC.
BEFORE THE
NEW MEXICO OIL CONSERVATION DIVISION
AUGUST 6, 1986
RIO ARRIBA, COUNTY

STRUCTURAL CROSS-SECTION
A-A'

CASE NOS 8963 & 8964
EXHIBIT 7
GEOLOGY BY: A.P. EMMENDORFER

DATE: Aug 1, 1986