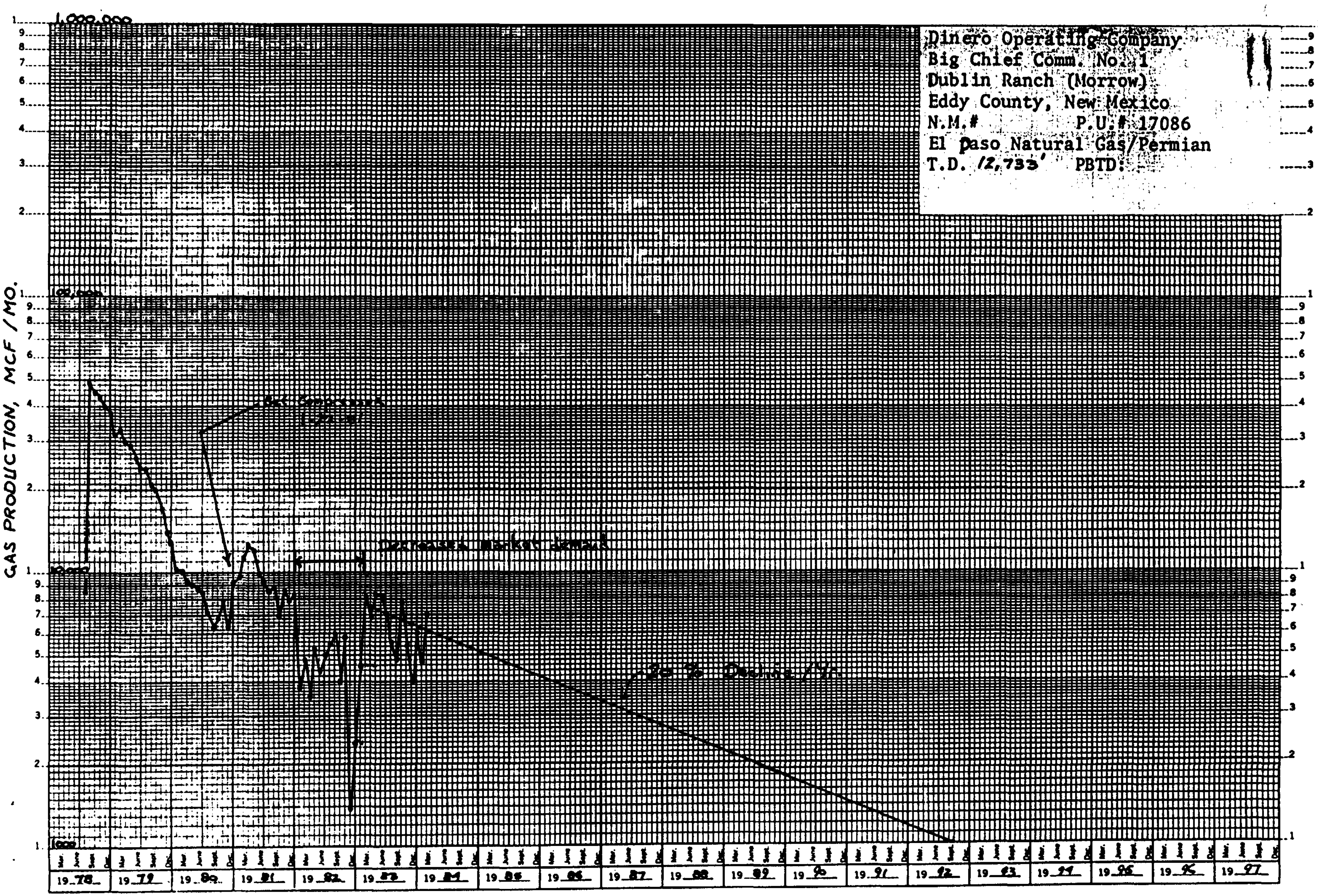
DOC# 2584
EXHIBIT# 8
CASE# 8218, 19, 20, 21

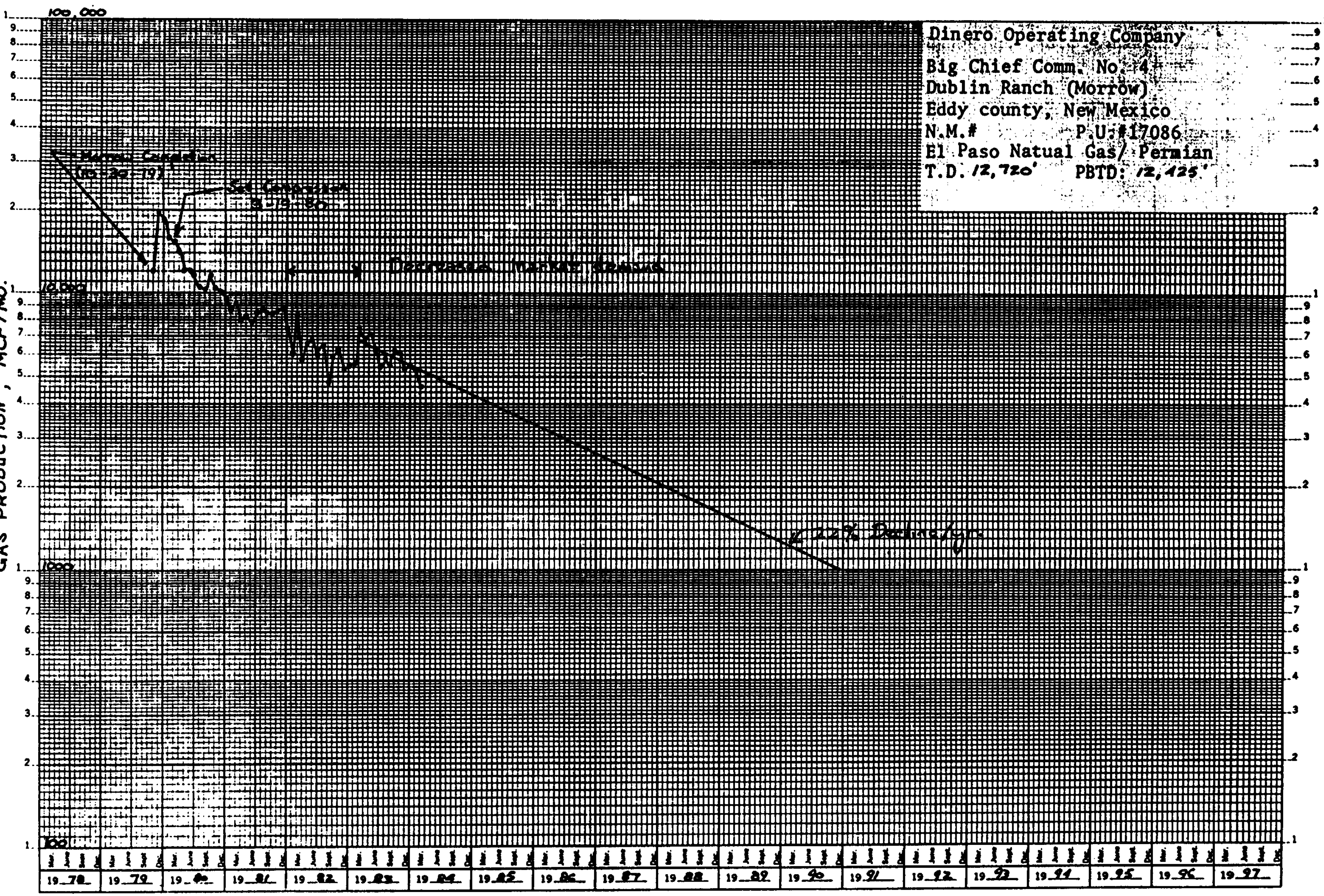
APPLICATION FOR CLASSIFICATION AS HARDSHIP GAS WELLS
Dinero Operating Company
Dublin Ranch Morrow Wells
Eddy County, New Mexico

ITEM NO. 4

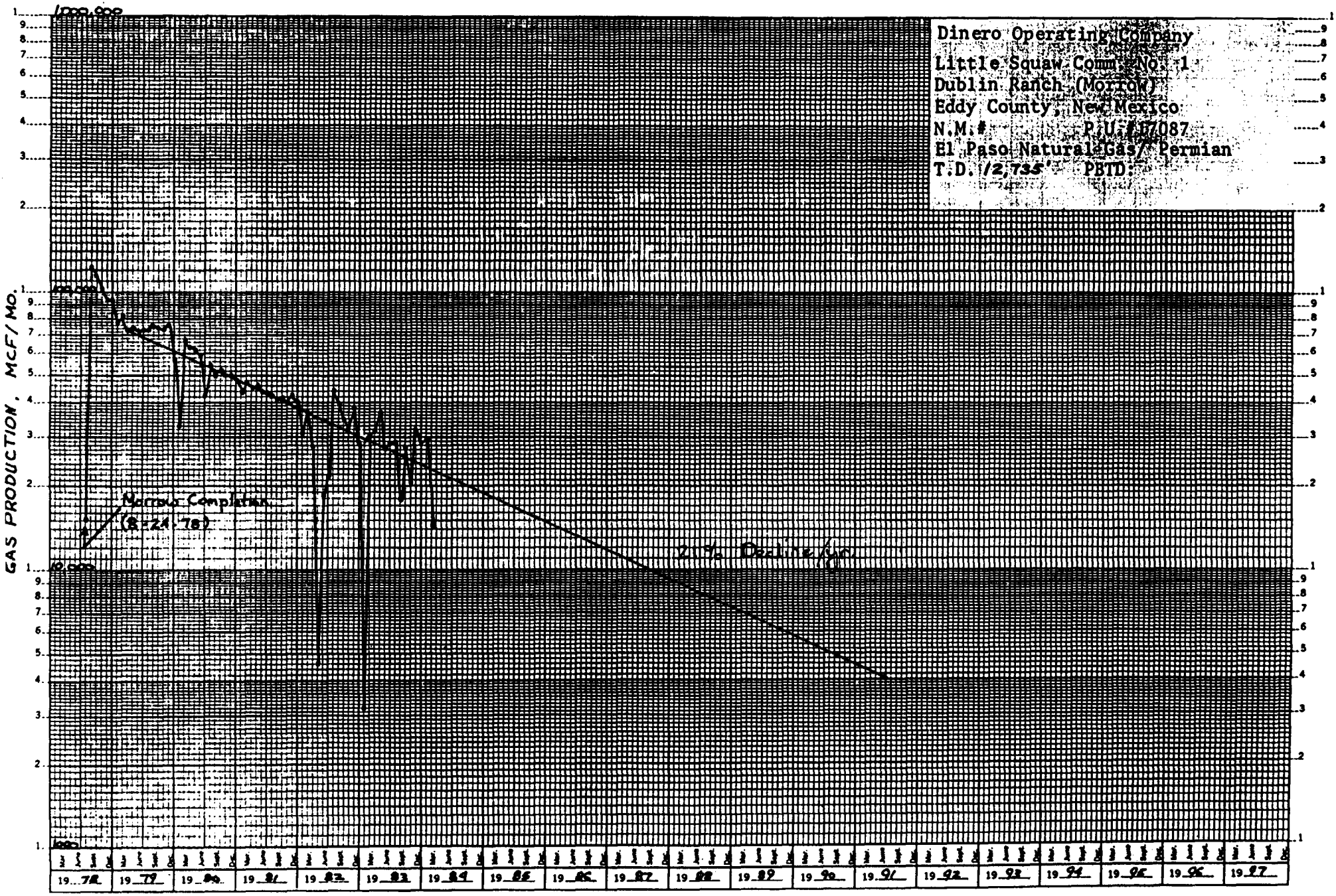
4. Failure to obtain a HARDSHIP GAS WELL status for the Morrow wells in question would lead to premature abandonment and loss of reserves as follows:

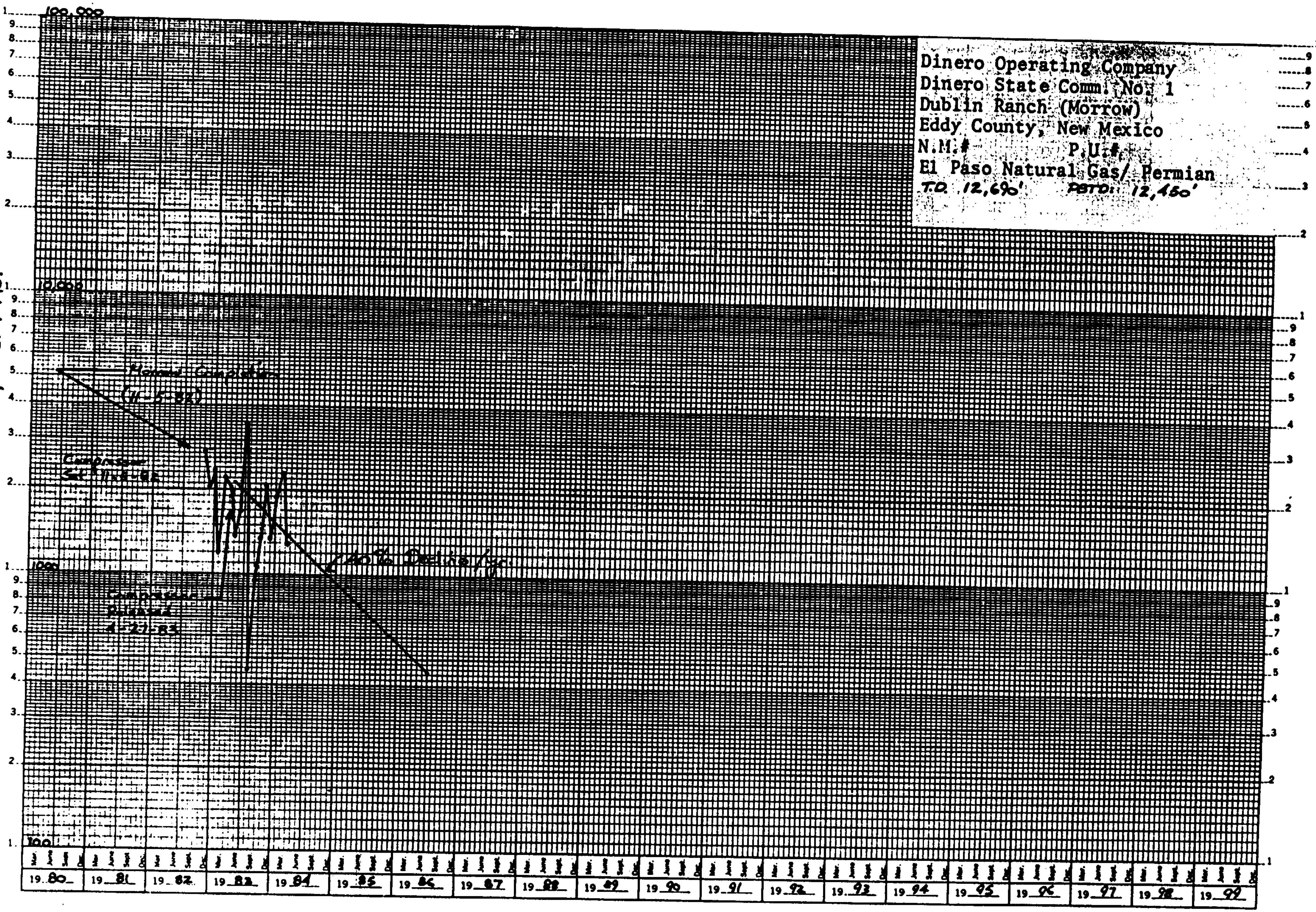
BIG CHIEF COMM. NO. 1	304 MMCF
BIG CHIEF COMM NO. 4	225 MMCF
LITTLE SQUAW COMM. NO. 1	1065 MMCF
DINERO STATE COMM. NO. 1	21 MMCF


Dinero Operating Company
Big Chief Comm. No. 1
Dublin Ranch (Morrow)
Eddy County, New Mexico
N.M.# P.U.# 17086
El Paso Natural Gas/Permian
T.D. 12,733' PBTD:
GAS PRODUCTION, MCF / MO.
1,000,000
100,000
10,000
1000
Decreased market demand
20 % Decline/Yr.
19 78
19 79
19 80
19 81
19 82
19 83
19 84
19 85
19 86
19 87
19 88
19 89
19 90
19 91
19 92
19 93
19 94
19 95
19 96
19 97



Dinero Operating Company
Big Chief Comm. No. 4
Dublin Ranch (Morrow)
Eddy county, New Mexico
N.M.# P.U.#17086
El Paso Natual Gas/ Permian
T.D. 12,720' PBTD: 12,425'
100,000
10,000
1000
100
22% Decline/yr.
19 78
19 79
19 80
19 81
19 82
19 83
19 84
19 85
19 86
19 87
19 88
19 89
19 90
19 91
19 92
19 93
19 94
19 95
19 96
19 97


Dinero Operating Company
Little Squaw Comm. No. 1
Dublin Ranch (Morrow)
Eddy County, New Mexico
N.M.#
P.U.#07087
El Paso Natural Gas/ Permian
T.D. 12,735'
PBTD:
GAS PRODUCTION, MCF/MO.
1,000,000
100,000
10,000
1,000
Morrow Completion
(8-24-78)
21% Decline/yr
19 78
19 79
19 80
19 81
19 82
19 83
19 84
19 85
19 86
19 87
19 88
19 89
19 90
19 91
19 92
19 93
19 94
19 95
19 96
19 97


Dinero Operating Company
Dinero State Comm. No. 1
Dublin Ranch (Morrow)
Eddy County, New Mexico
N.M.# P.U.#
El Paso Natural Gas/ Permian
T.D. 12,690' PBTD: 12,450'
GAS PRODUCTION, MCF / MO.
100,000
10,000
1000
100
19 80
19 81
19 82
19 83
19 84
19 85
19 86
19 87
19 88
19 89
19 90
19 91
19 92
19 93
19 94
19 95
19 96
19 97
19 98
19 99

$$N = \frac{12(q_i - q_e)}{\ln(1-D)} = 12($$

Morrow BC #3 $= \frac{-12(34000 - 450)}{\ln(1-0.62)} =$ 416,000 MCF lost production
416 MMCF

Atoka BC #3 $= \frac{-12(8000 - 450)}{\ln(1-.40)} =$ 177,360 MCF lost
177 MMCF

Morrow BC #4 $= \frac{-12(5100 - 450)}{\ln(1-.22)} =$ 225 MMCF

Morrow BC #1 $= \frac{-12(6100 - 450)}{\ln(1-.20)} =$ 304 MMCF

Atoka BC #2 $= \frac{-12(13000 - 450)}{\ln(1-.50)} =$ 217 MMCF

Morrow BC #2 $= \frac{-12(54000 - 450)}{\ln(1-.48)} =$ 1180 MMCF

Morrow DS #1 $= \frac{-12(1350 - 450)}{\ln(1-.40)} =$ 21 MMCF

2" x 10" x 8"
2" x 10" x 8"
1" x 10"

Atoka LS #2 $= \frac{-12(\quad)}{\ln(\quad)} =$

Morrow LS #1 $= \frac{-12(22500 - 450)}{\ln(1-.22)} =$ 1065 MMCF