

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

APPLICATION FOR CLASSIFICATION AS HARDSHIP GAS WELLS

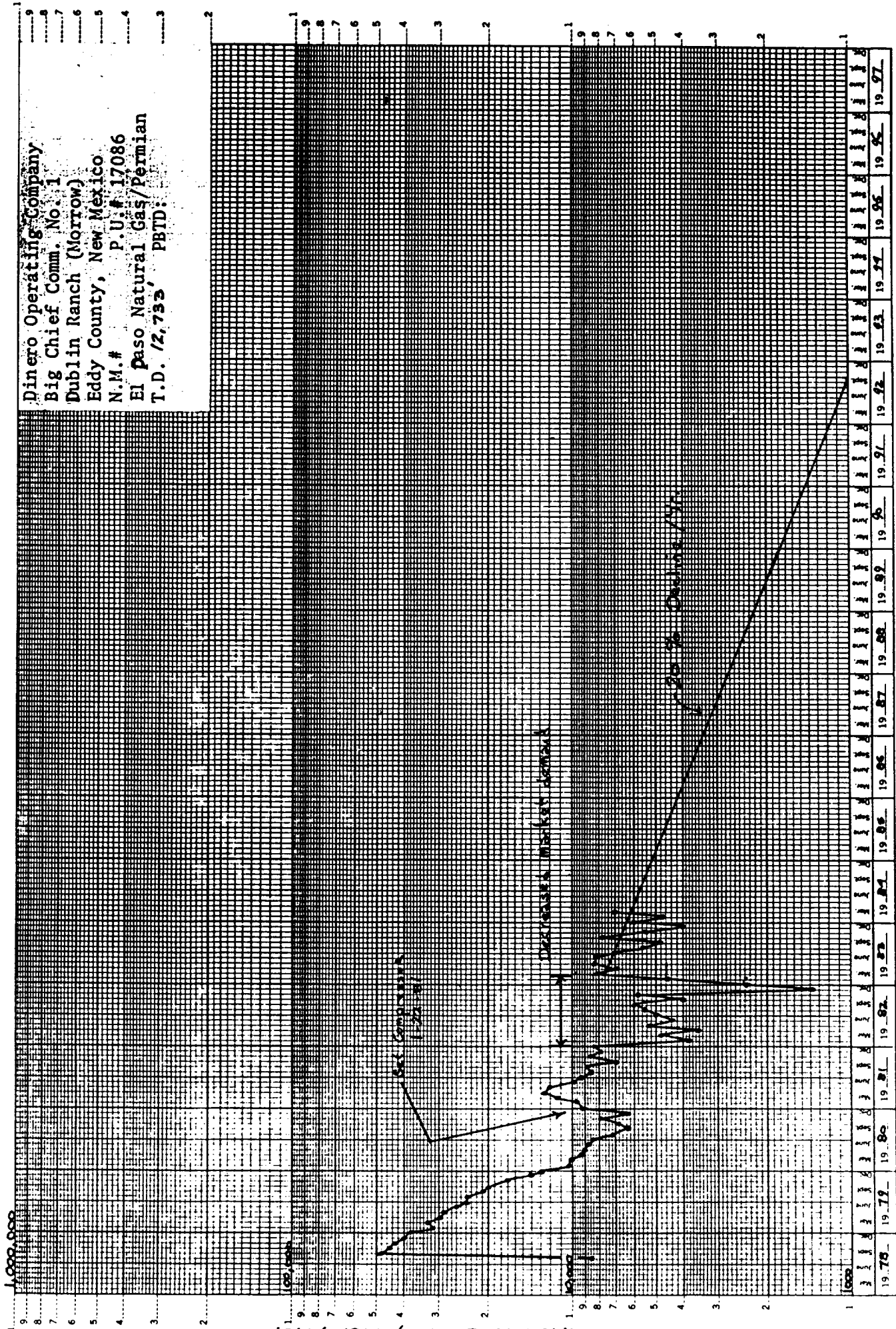
Dinero Operating Company
Dublin Ranch Morrow Wells
Eddy County, New Mexico

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:



100,000

Dinero Operating Company
Big Chief Comm. No. 4
Dublin Ranch (Morrow)
Eddy county, New Mexico
N.M.# P.U.#17086
El Paso Natural Gas/ Permian
T.D. /2,720' PBTD: /2,425'

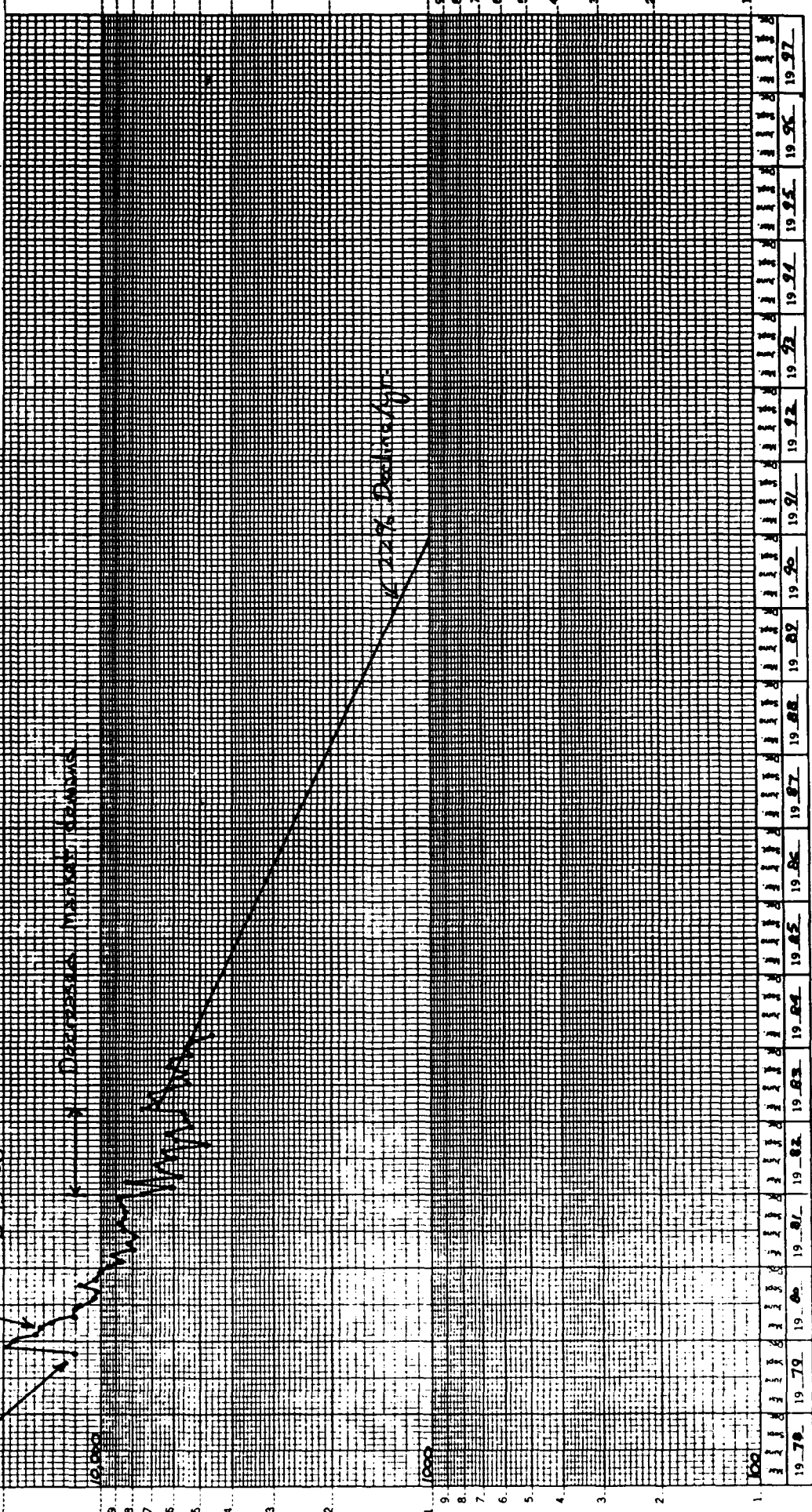
Morrow Completion
(10/20/78)

See Compression
8-19-85

Decreased Market Demand

Production

127% Decline



Dinero Operating Company

Little Squaw Comm. No. 1

Dublin Ranch (Morrow)

Eddy County, New Mexico

N.M. # P.U. # 17087

El Paso Natural Gas/Permian

T.D. 12,735' PBD:

1000,000

1

9

8

7

6

5

4

3

2

1

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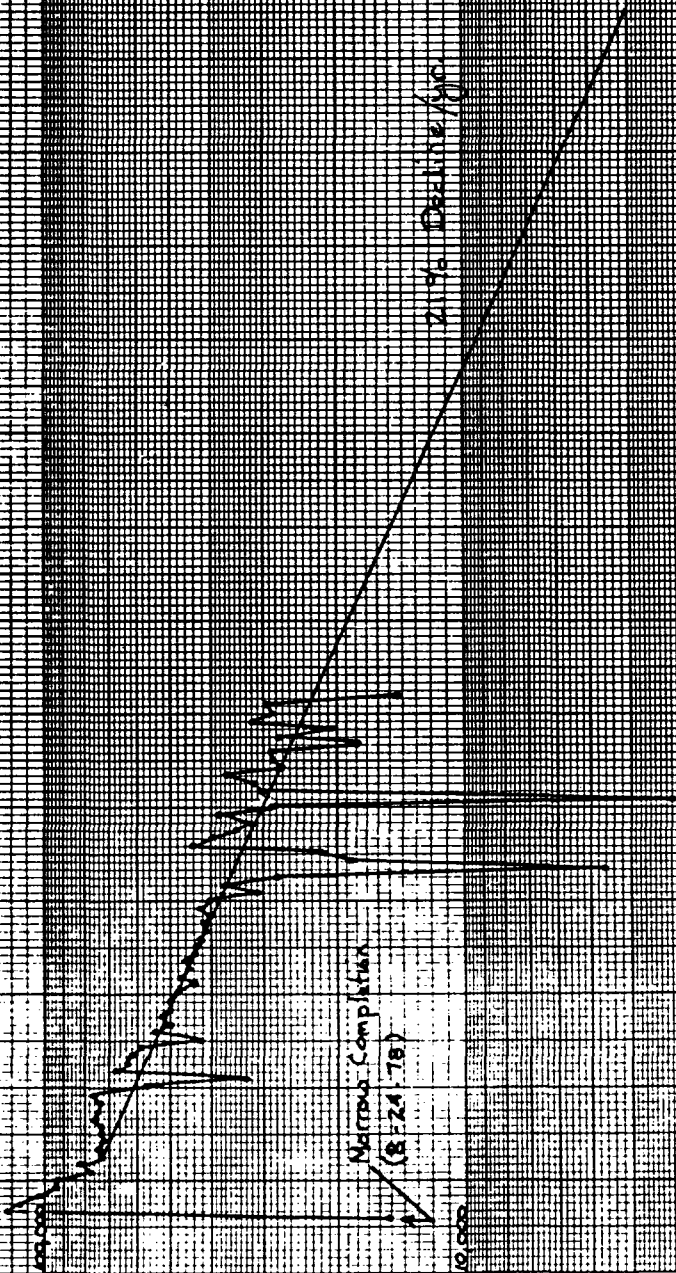
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7

GAS PRODUCTION, MCF / MO.



19.77	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
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100,000

10,000

1,000

100

10

1

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

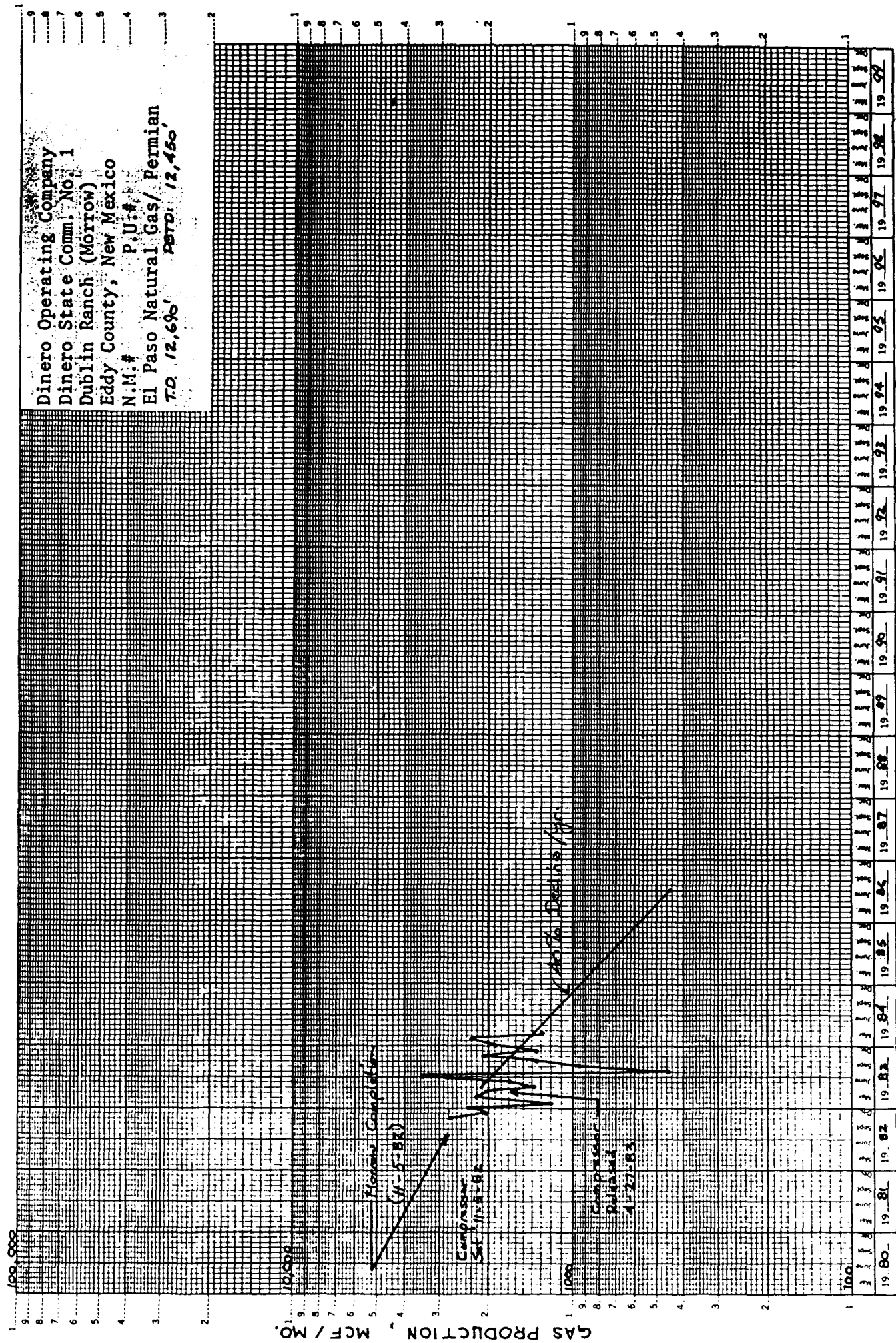
Normal Complete (H-5-BK)

Compressor Set 11-5-82

Compressor Pulled 1-27-83

C. M. G. Deane, Jr.

Month	Production (MCF/MO)
19.80	100
19.81	100
19.82	100
19.83	100
19.84	100
19.85	100
19.86	100
19.87	100
19.88	100
19.89	100
19.90	100
19.91	100
19.92	100
19.93	100
19.94	100
19.95	100
19.96	100
19.97	100
19.98	100
19.99	100



$$N = \frac{12 (Q_i - Q_s)}{\ln(1-D)}$$

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

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

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

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

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

MORROW BC #2 = $\frac{-12 (54000 - 450)}{\ln(1-.42)} = 1180 \text{ MMCF}$

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

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

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

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