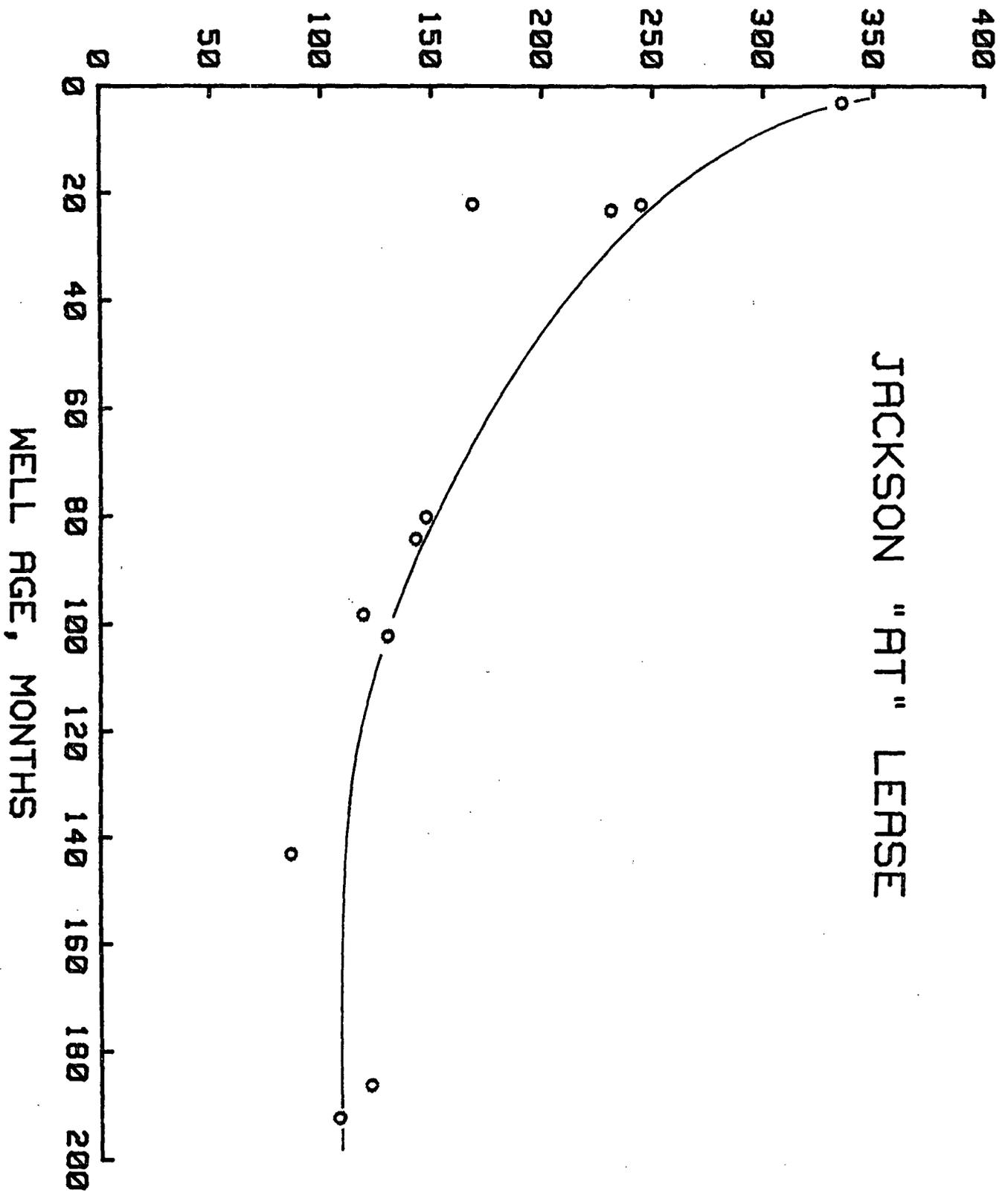


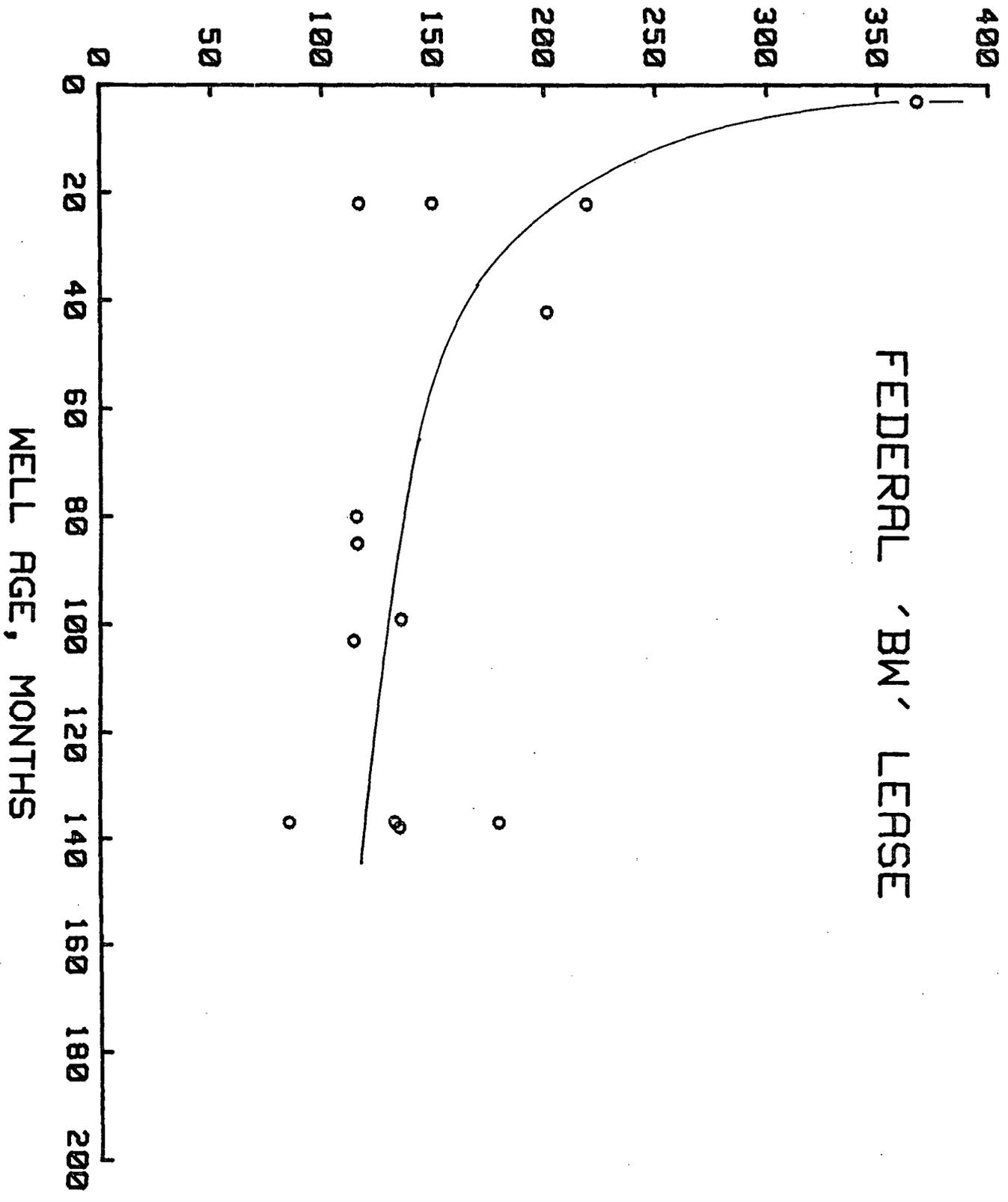
BOTTOM HOLE PRESSURE, PSIG

JACKSON "AT" LEASE



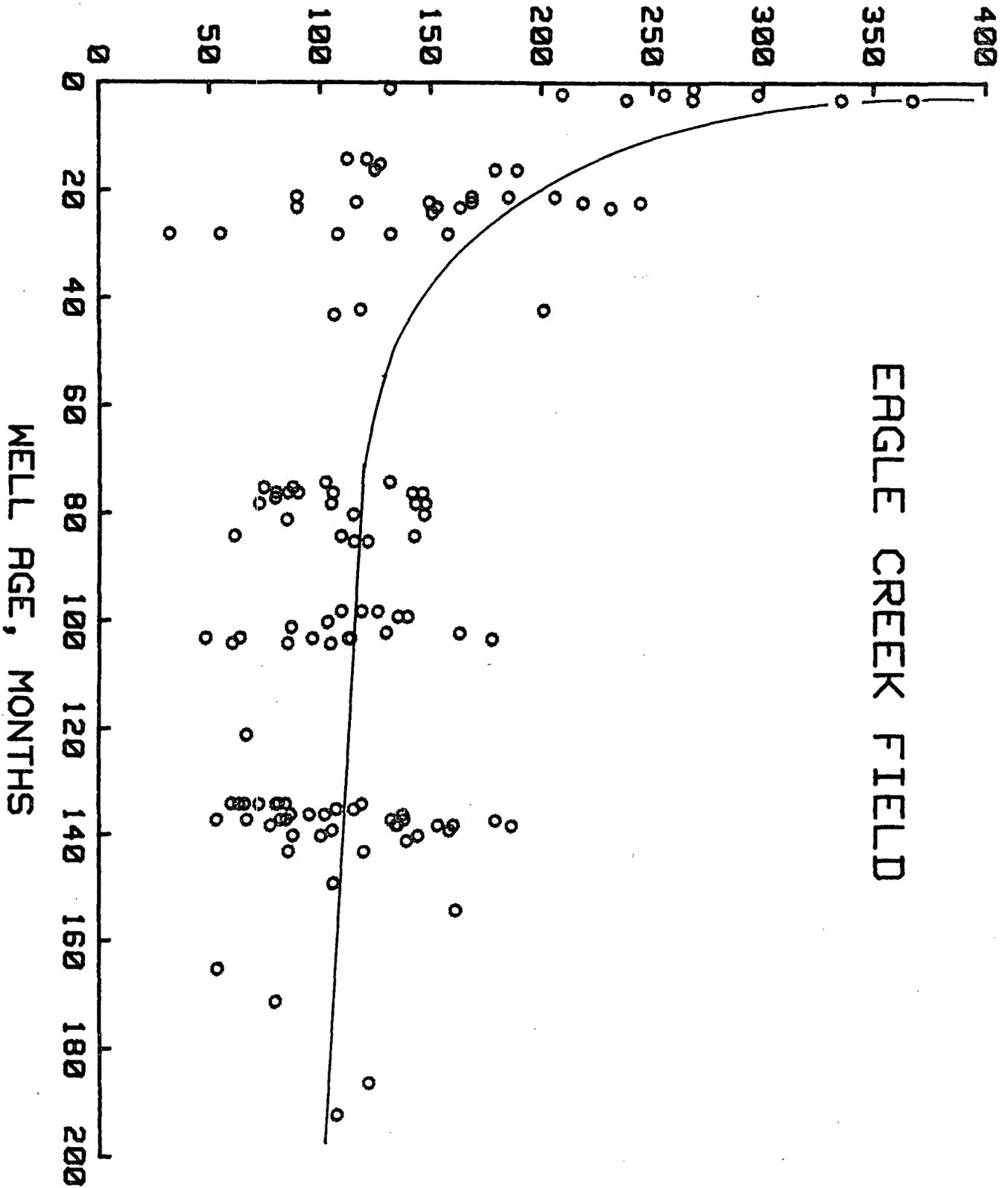
BOTTOM HOLE PRESSURE, PSIG

FEDERAL 'BM' LEASE



BOTTOM HOLE PRESSURE, PSIG

EAGLE CREEK FIELD





# Continental Laboratories

AN EG&G COMPANY

## CORE ANALYSIS DIVISION

7700 E. Iliff, Suite D Denver, Colorado 80231 (303)751-0180

Company: YATES County: EDDY Date: 11/29/82

Well: WINTERS "DN" NO.4 State: NEW MEXICO Elevation: \_\_\_\_\_

Field: \_\_\_\_\_ Location: \_\_\_\_\_ Interval: 1314' to 1434'

Gamma Log  
(Increasing)



Porosity  
(Percent)

AVERAGE POROSITY  
TO PERFS = 7.2

30 20 10 0 0

Total Water Saturation-X

100 80 60 40 20 0

Oil Saturation-O

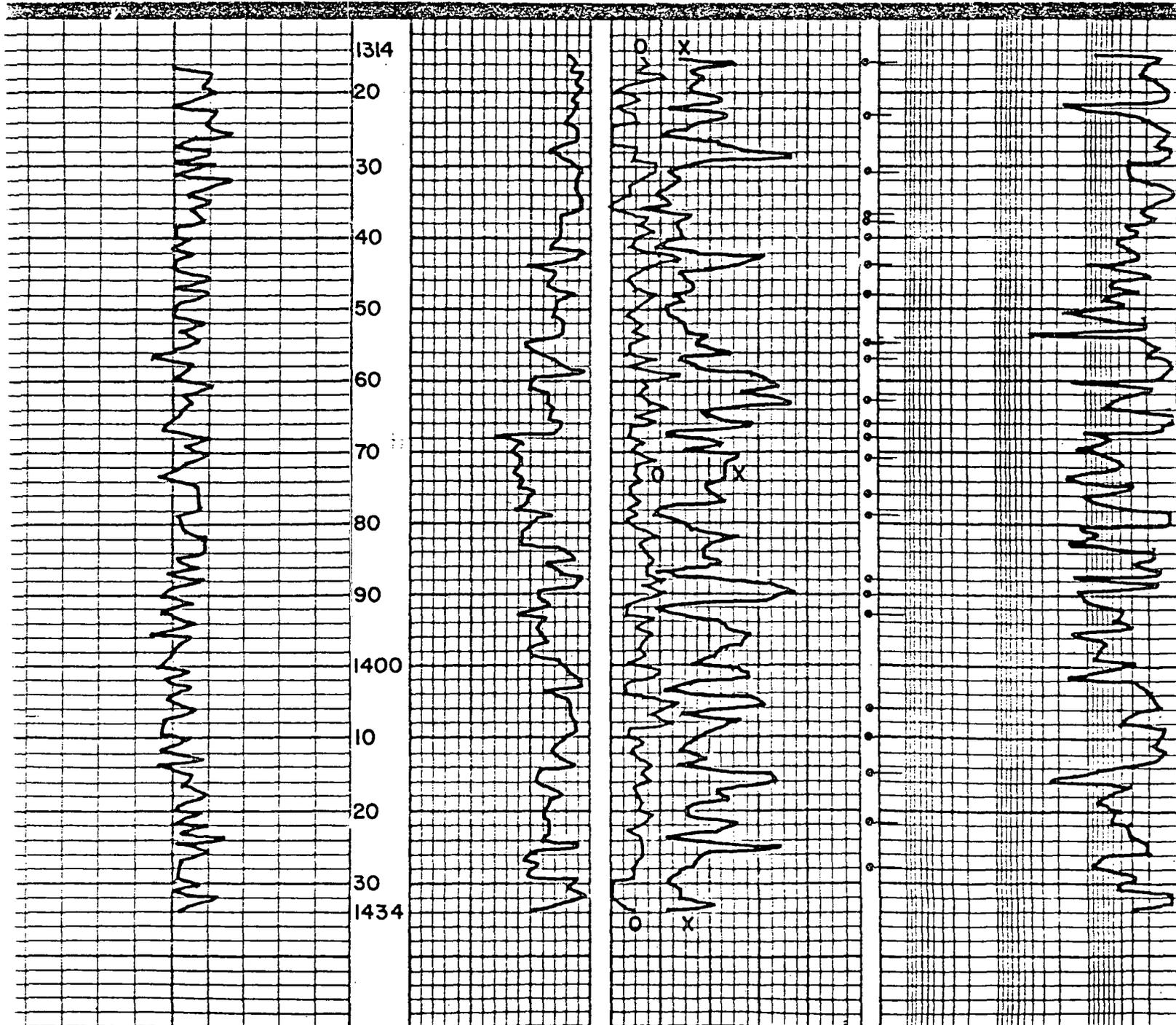
20 40 60 80 100 100.0

f PERFS

Permeability  
(Millidarcys)

AVERAGE PERMEABILIT  
TO PERFS = 0.5 MD

100 10



J-Lazy-J No. 13

. Fifth well on 40-acre spacing. Hearing in Santa Fe on July 27, 1976.  
Order number R5242, Case Number 5695

. J-Lazy-J No. 13 completed August 1976.

. Surrounding wells' completion dates:

J-Lazy-J No. 3	:	5-9-71
J-Lazy-J No. 6	:	4-1-74
J-Lazy-J No. 9	:	4-3-74
J-Lazy-J No. 11	:	11-1-75

. J-Lazy-J No. 13 has produced into separate tank battery.

Cumulative production through 5-1-83 is 18,500

Remaining reserves 900

TOTAL RESERVES 19,400 bbl oil

. Economics of future 5th wells:

Total capital costs \$108,000

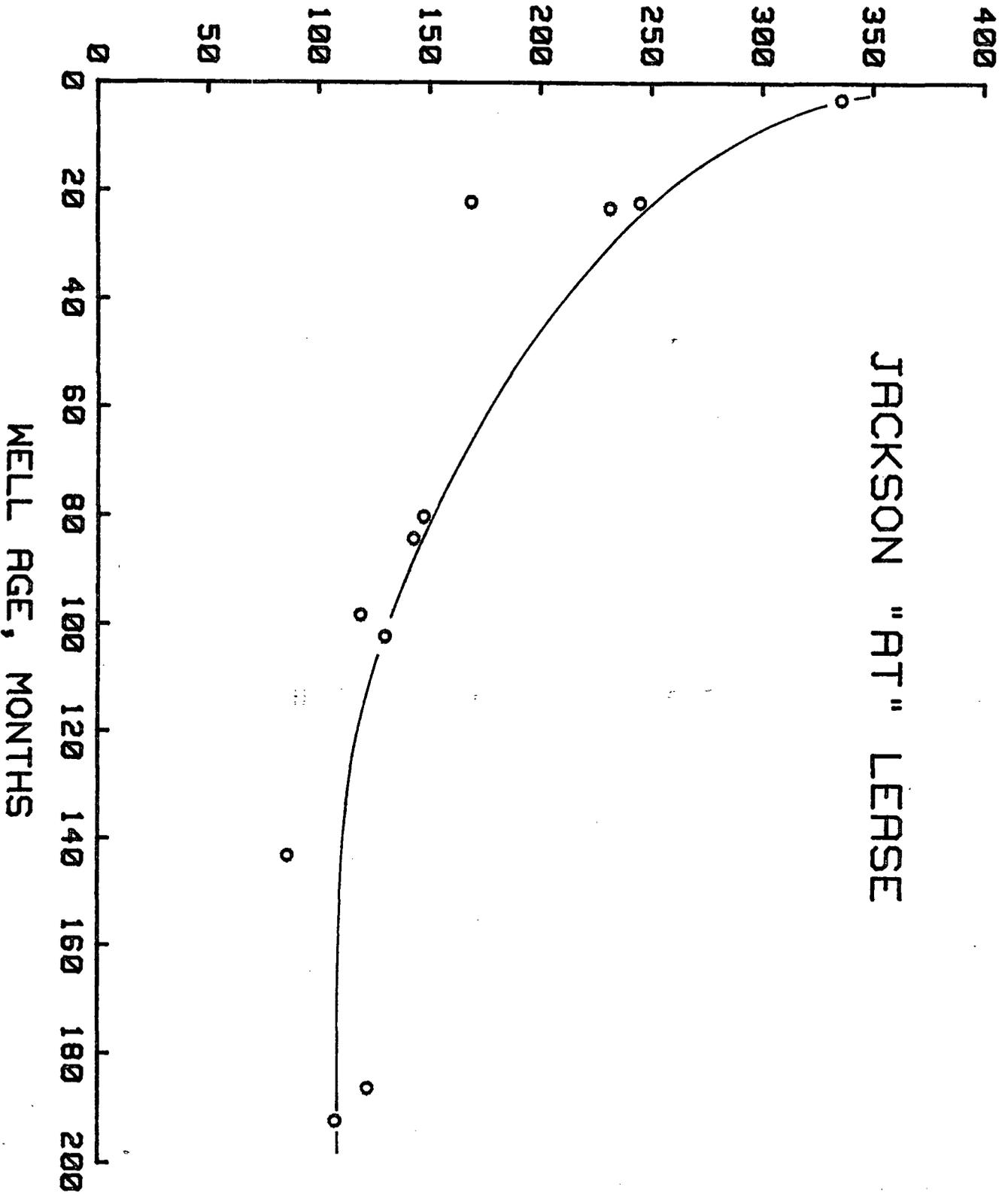
Oil price \$ 28/bbl

A 19,000 bbl well has a present value of \$61,000 at a 15% discount rate.

A 13,000 bbl well results in a 15% rate of return.

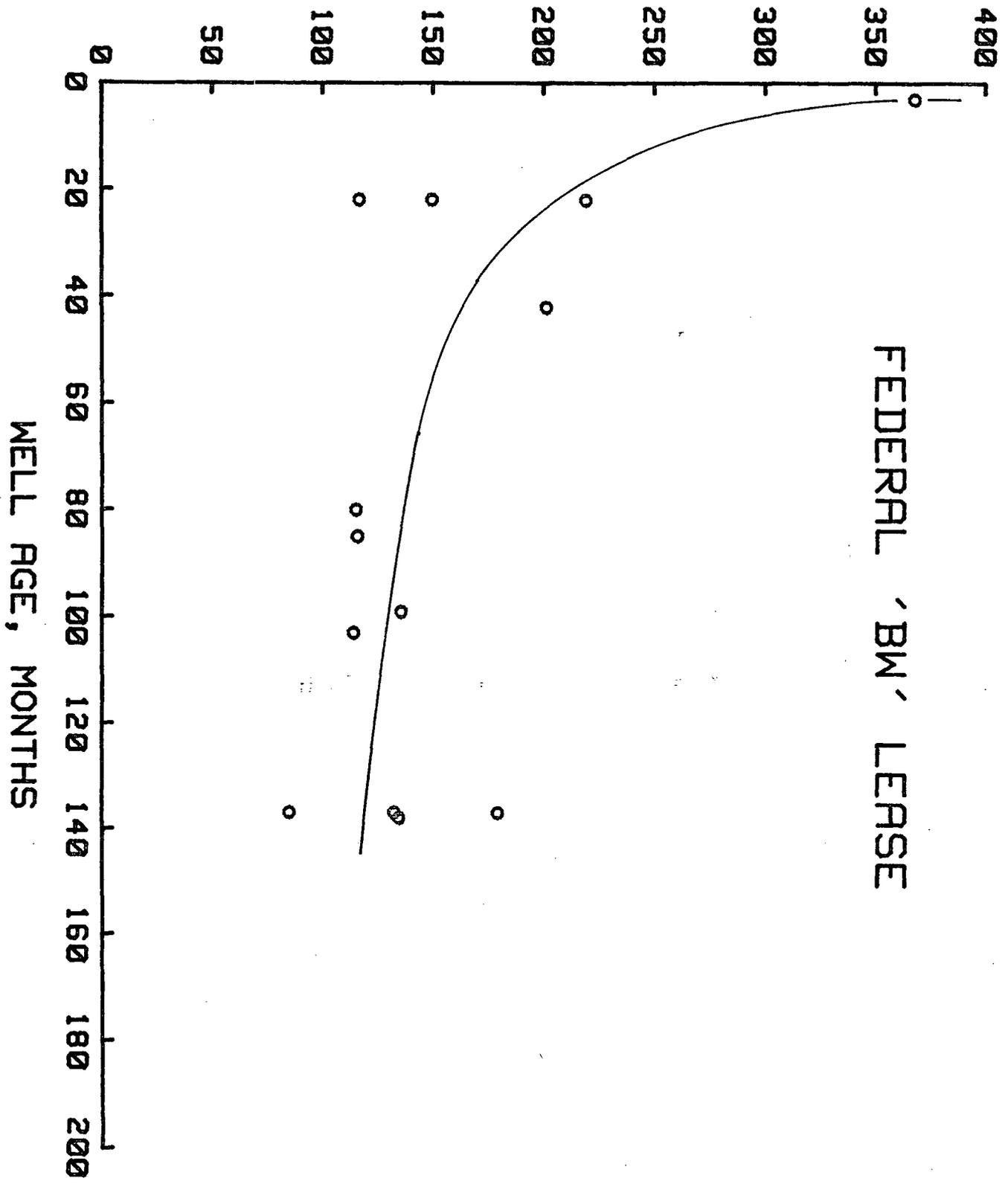
BOTTOM HOLE PRESSURE, PSIG

JACKSON "AT" LEASE



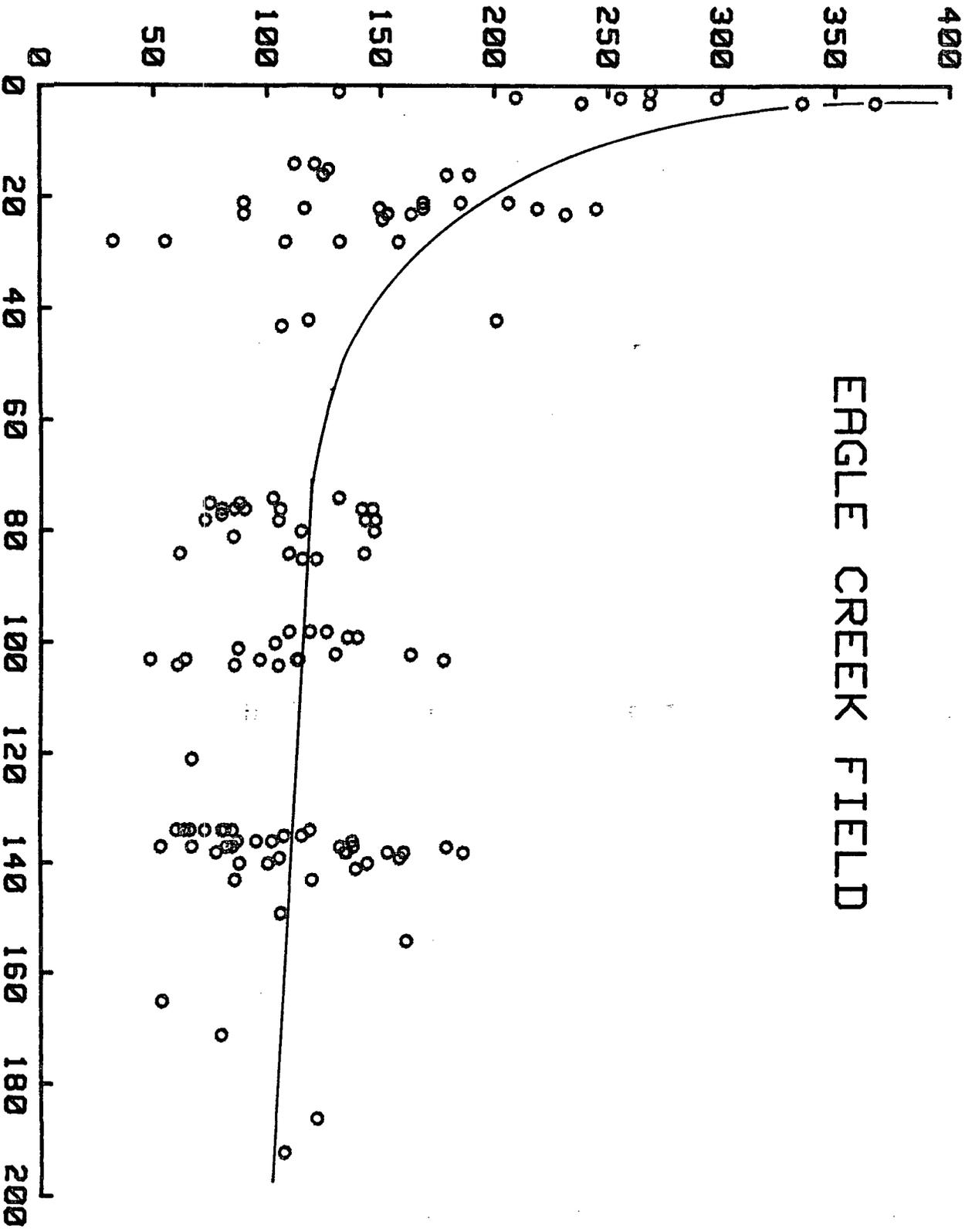
BOTTOM HOLE PRESSURE, PSIG

FEDERAL 'BM' LEASE



BOTTOM HOLE PRESSURE, PSIG

EAGLE CREEK FIELD



WELL AGE, MONTHS



# Continental Laboratories

AN EG&G COMPANY

## CORE ANALYSIS DIVISION

7700 E. Iliff, Suite D Denver, Colorado 80231 (303)751-0180

Company: YATES County: EDDY Date: 11/29/82  
 Well: WINTERS "DN" NO.4 State: NEW MEXICO Elevation: \_\_\_\_\_  
 Field: \_\_\_\_\_ Location: \_\_\_\_\_ Interval: 1314' to 1434'

Gamma Log  
(Increasing)



Porosity  
(Percent)

AVERAGE POROSITY  
TO PERFS = 7.2

Total Water Saturation-X  
Oil Saturation-O

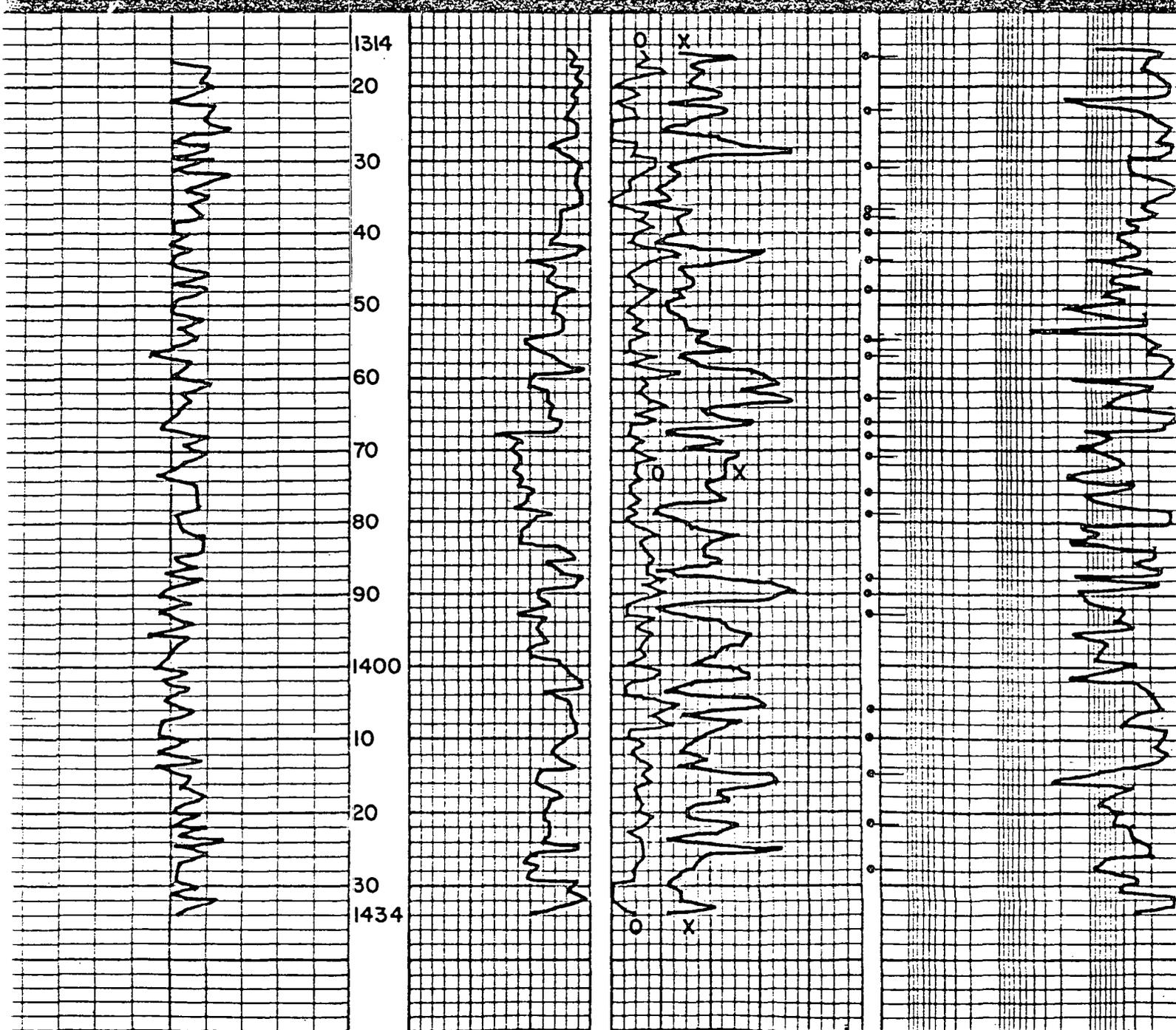
100 80 60 40 20 0

PERFS

30 20 10 0 0 20 40 60 80 100 100.0

Permeability  
(Millidarcys)

AVERAGE PERMEABILITY  
TO PERFS = 0.5 MD



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