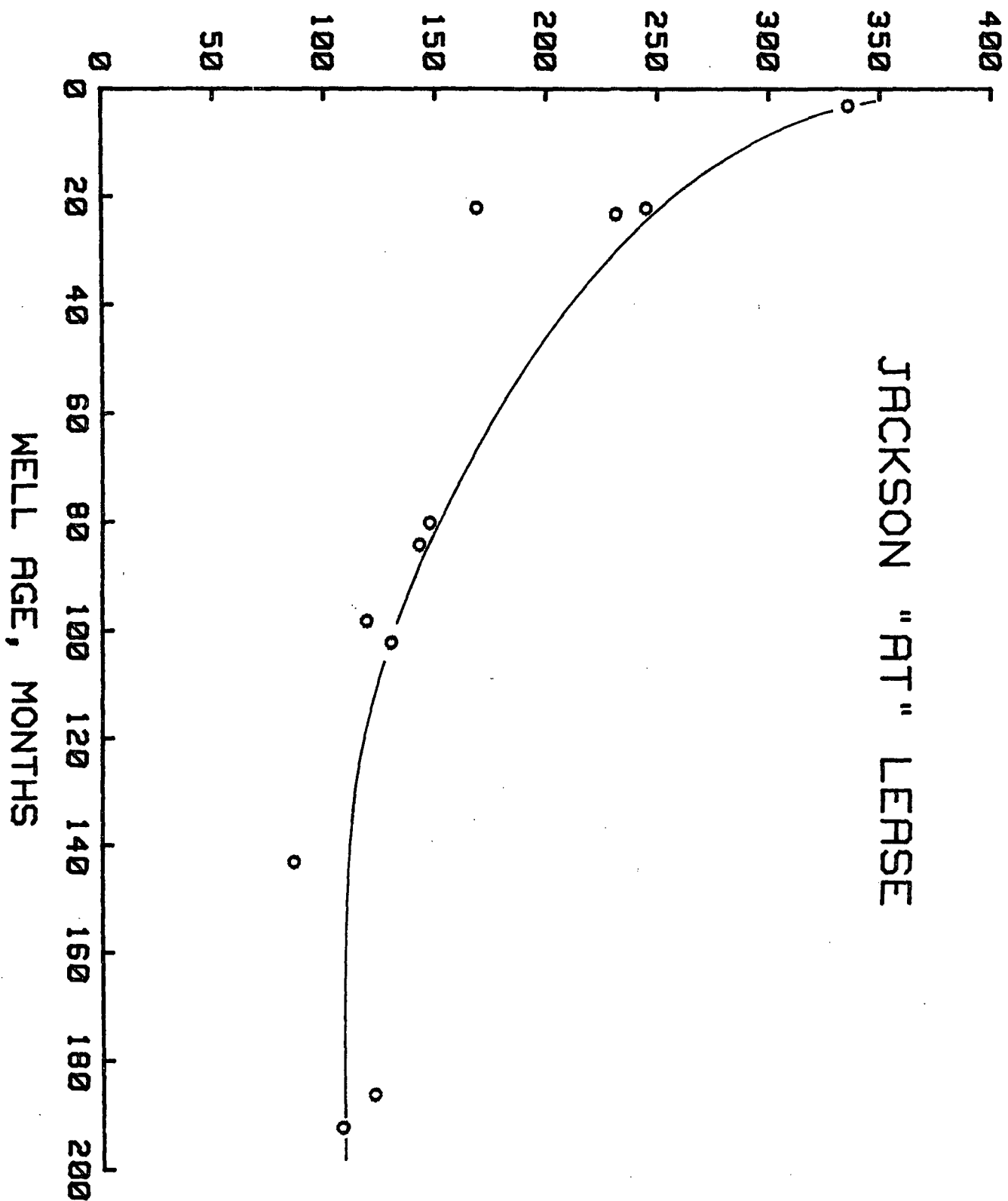


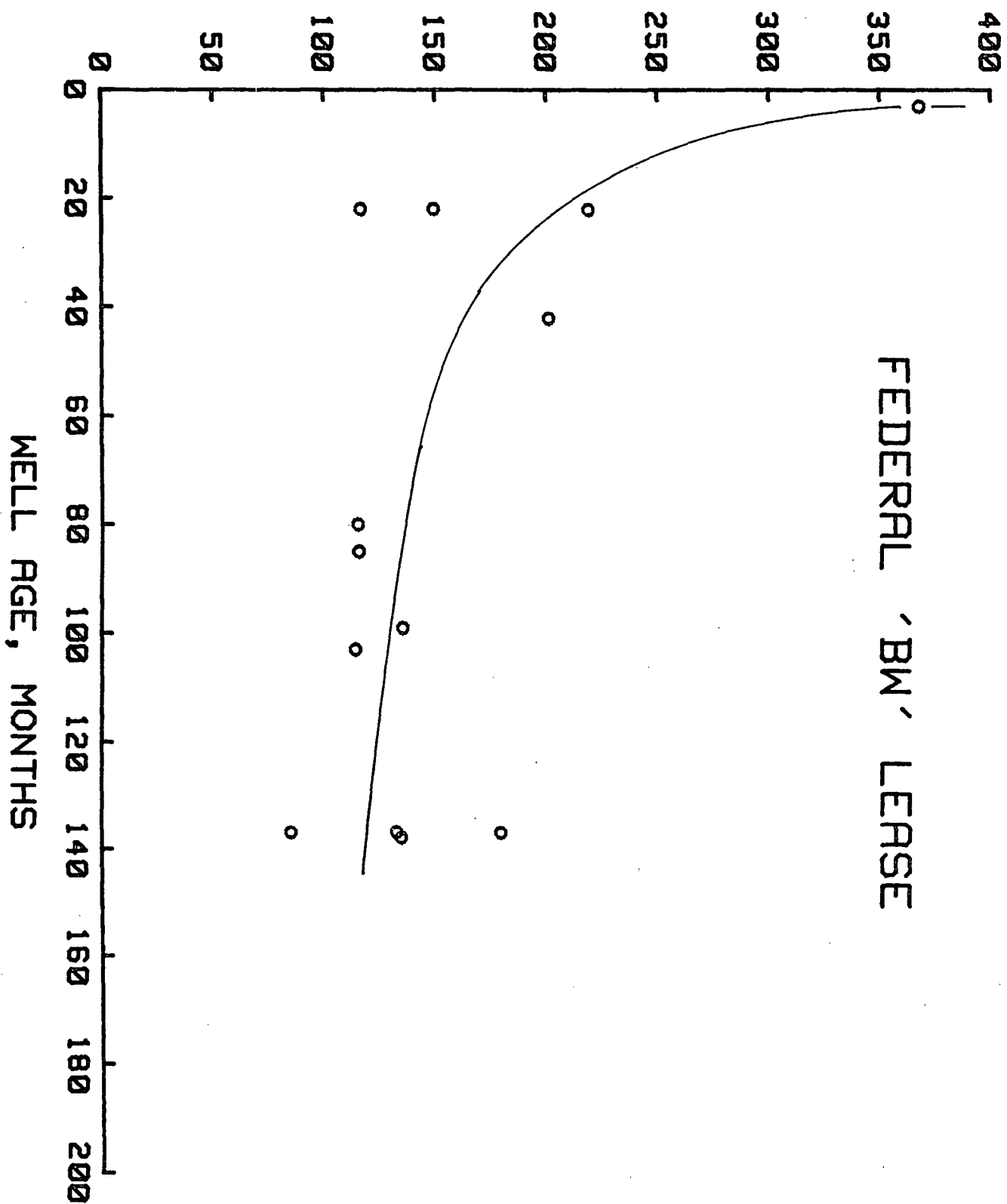
BOTTOM HOLE PRESSURE, PSIG

JACKSON "AT" LEASE

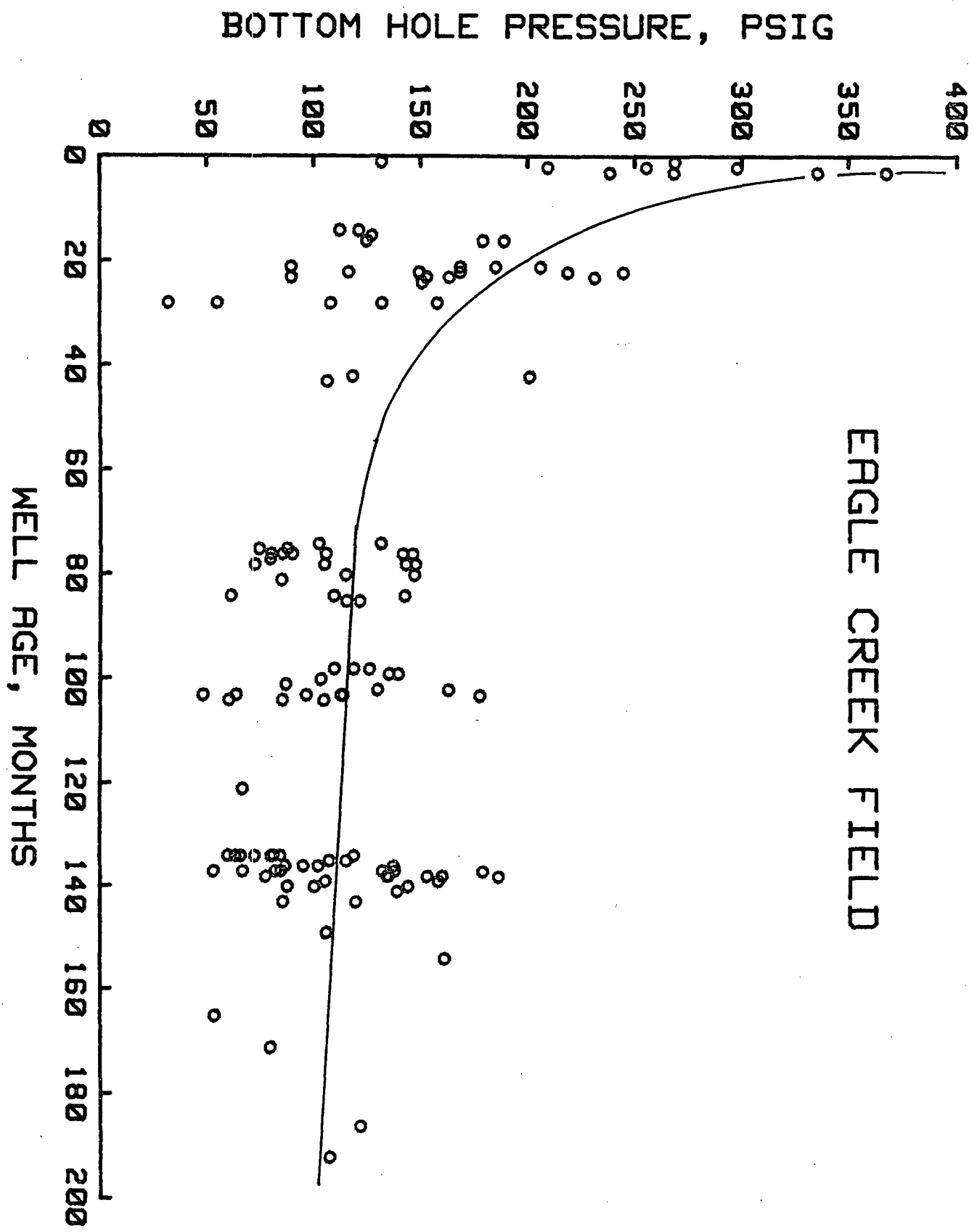


BOTTOM HOLE PRESSURE, PSIG

FEDERAL 'BM' LEASE



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

Total Water Saturation-X

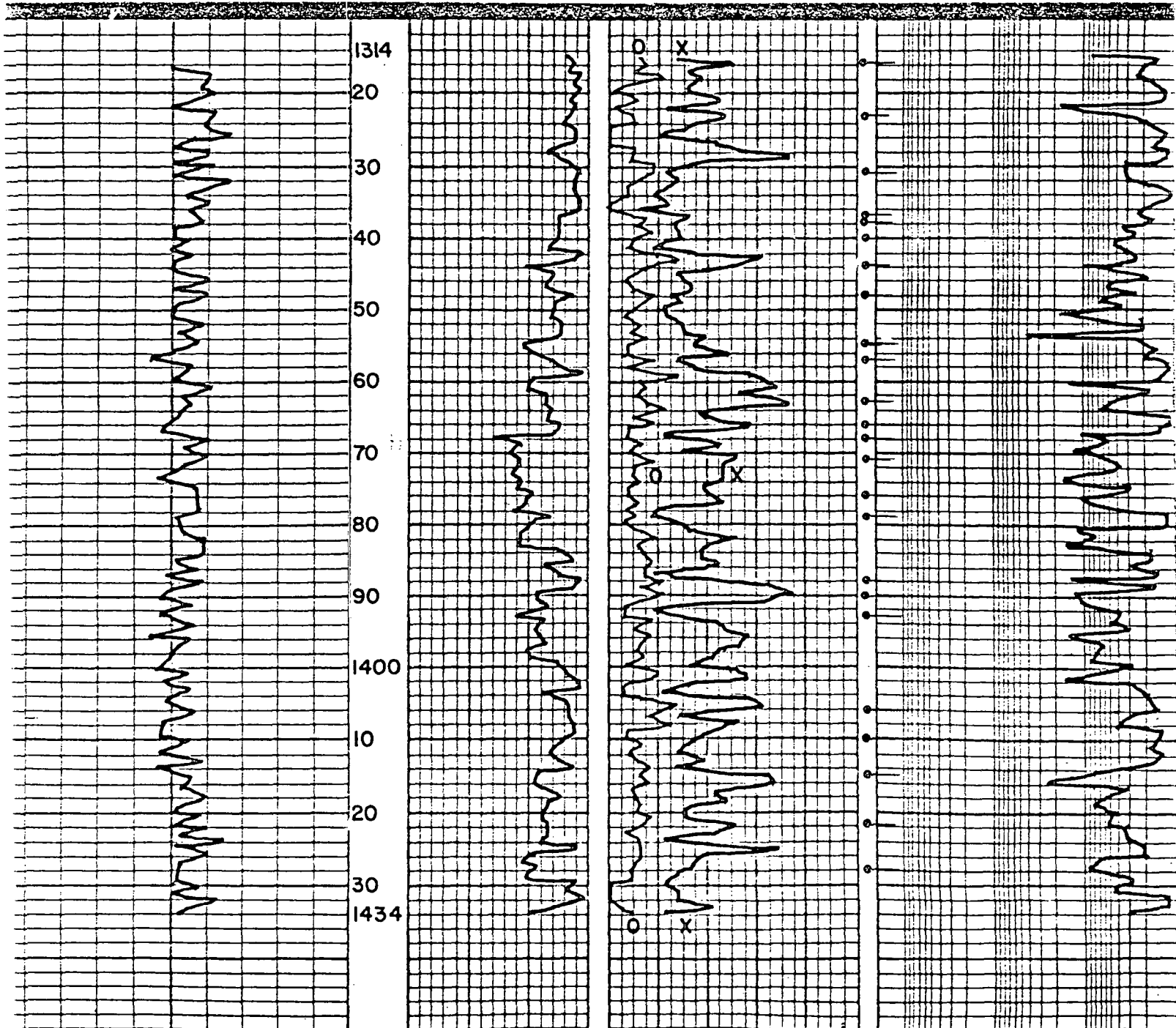
100 80 60 40 20 0

Oil Saturation-O

0 20 40 60 80 100 1000

Permeability
(Millidarcys)

AVERAGE PERMEABILITY
TO PERFS = 0.5 MD

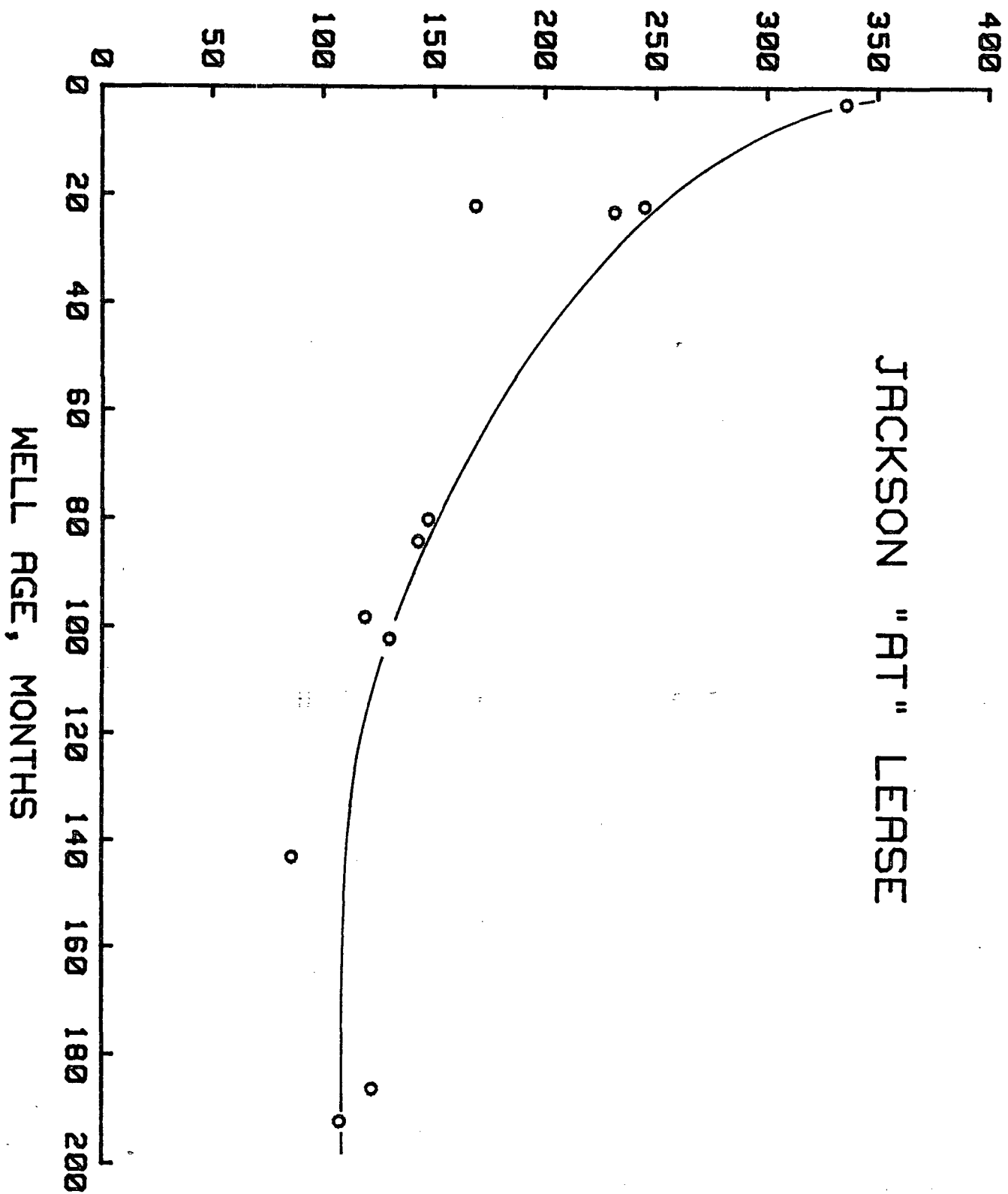


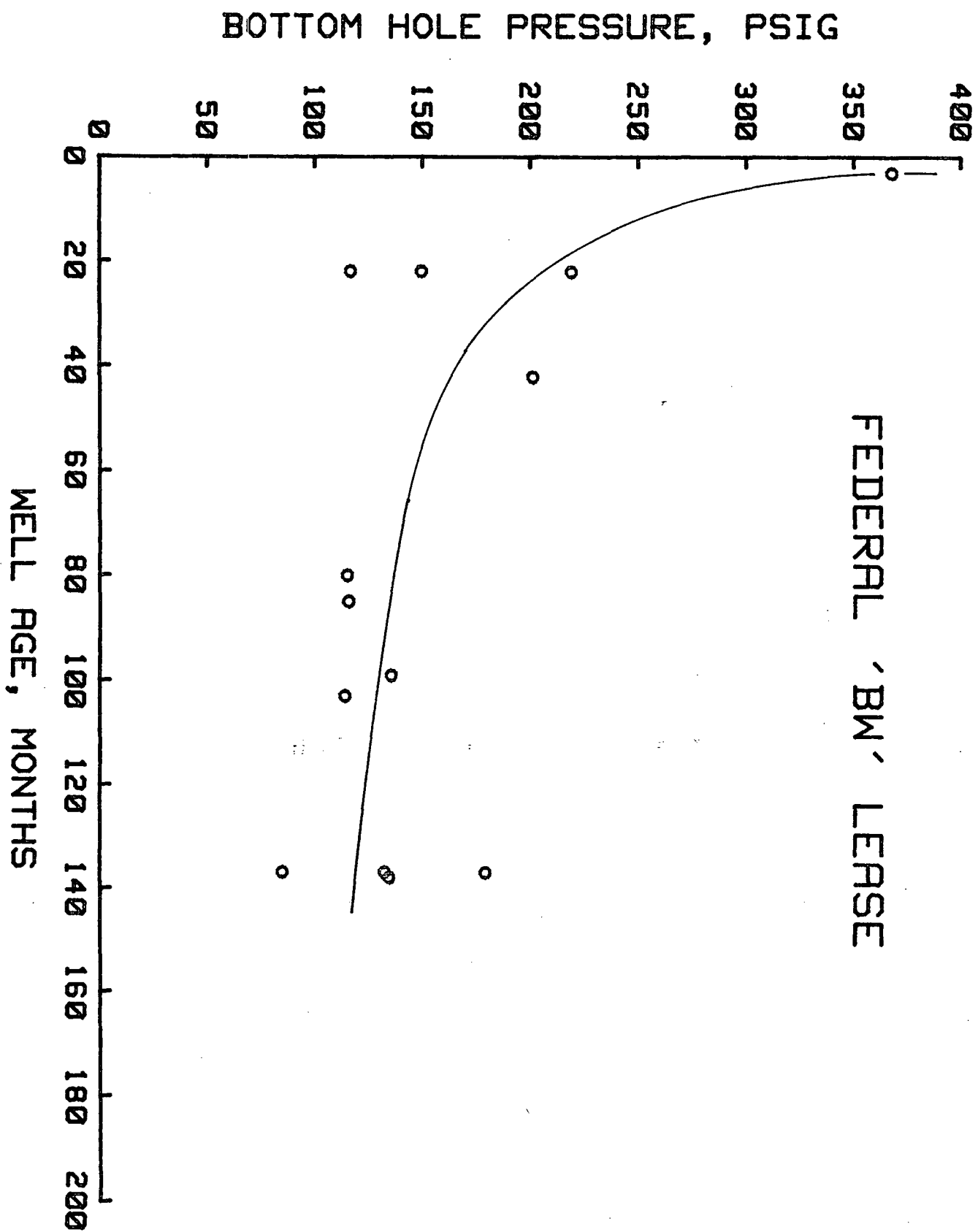
J-Lazy-J No. 13

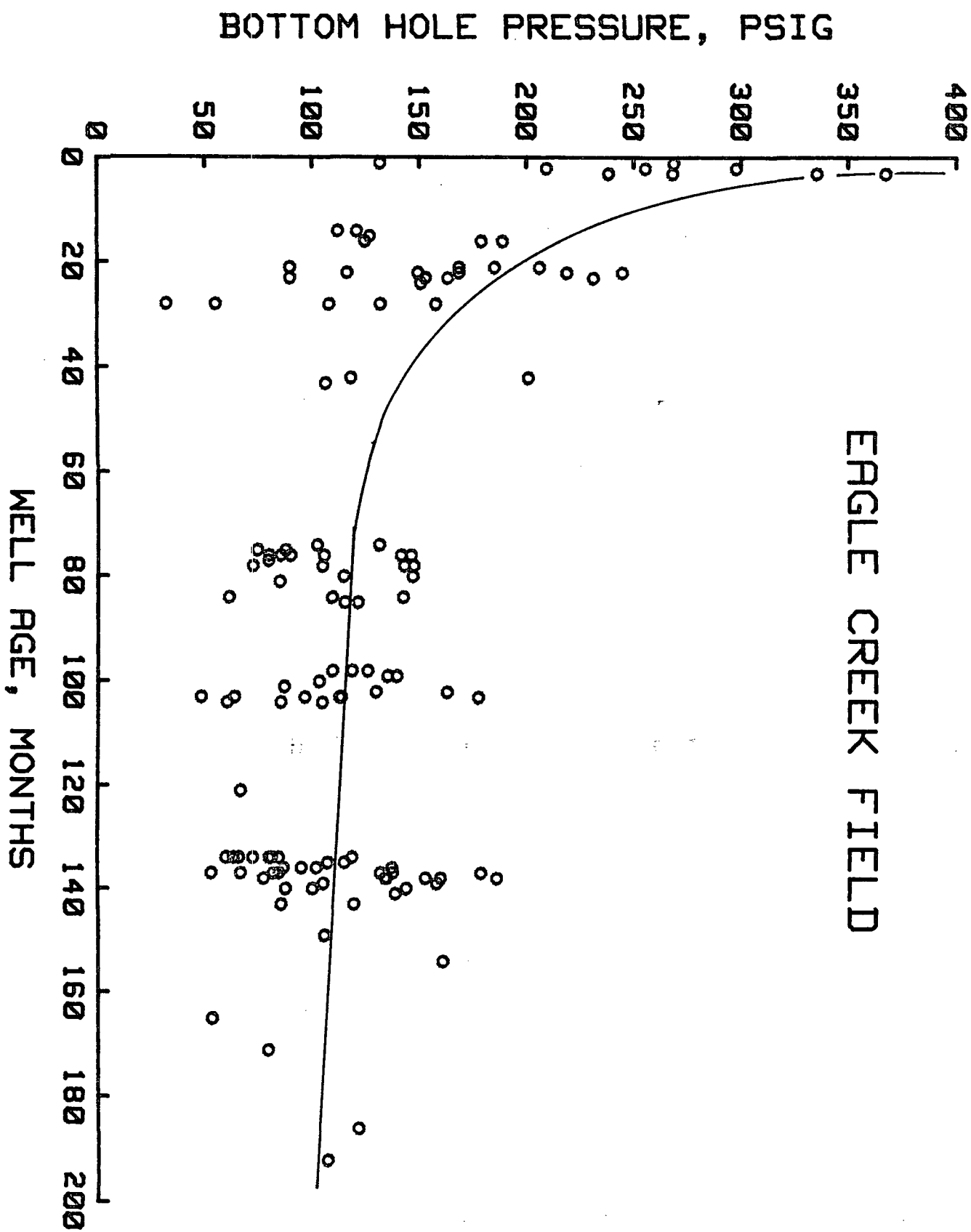
- . Fifth well on 40-acre spacing. Hearing in Santa Fe on July 27, 1976.
Order number R5242, Case Number 5695
- . J-Lazy-J No. 13 completed August 1976.
- . Surrounding wells' completion dates:
 - J-Lazy-J No. 3 : 5-9-71
 - J-Lazy-J No. 6 : 4-1-74
 - J-Lazy-J No. 9 : 4-3-74
 - J-Lazy-J No. 11 : 11-1-75
- . 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









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Field: _____ Location: _____ Interval: 1314' to 1434'

Gamma Log
(Increasing)



Porosity
(Percent)

AVERAGE POROSITY
TO PERFS = 7.2

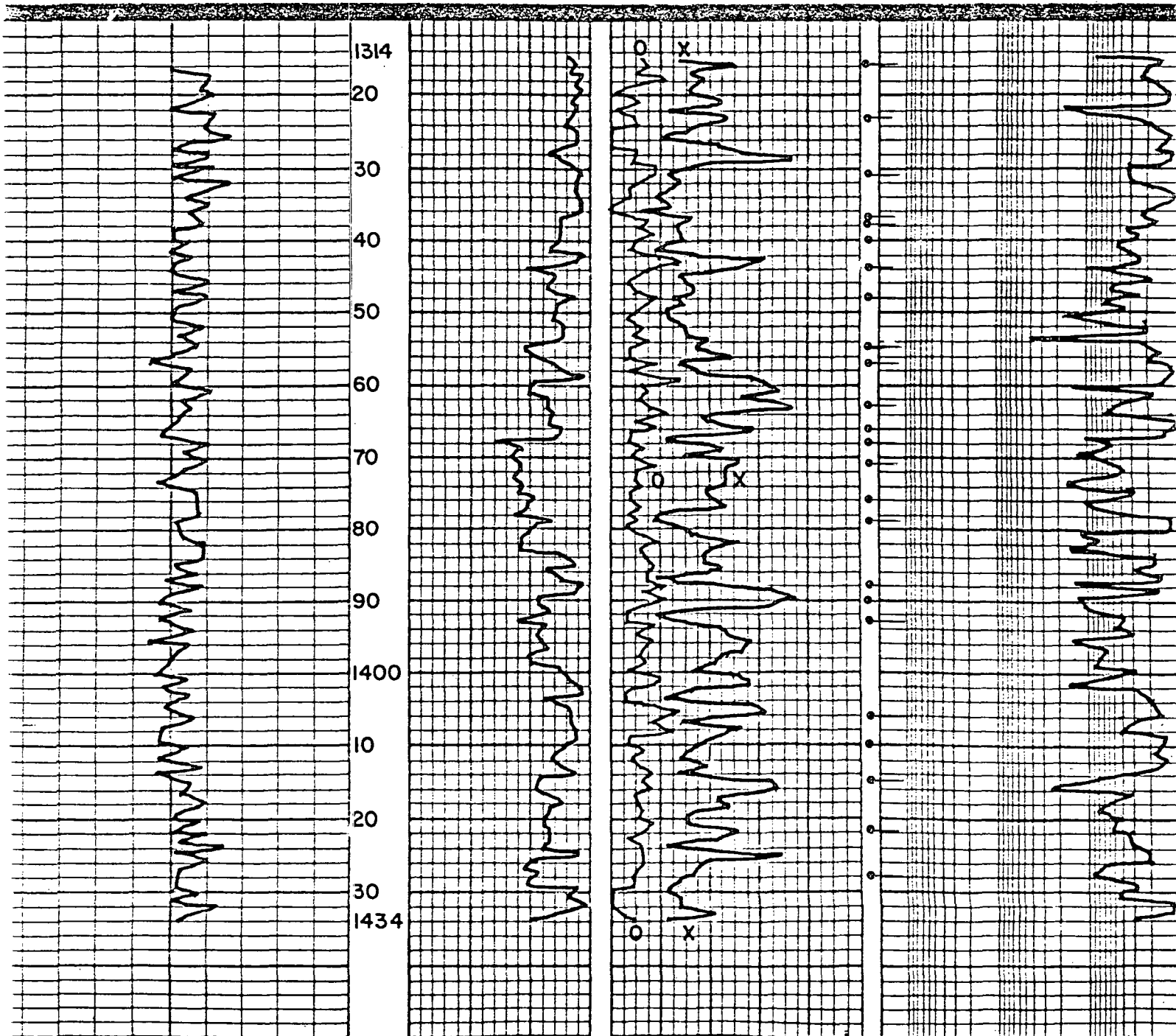
Total Water Saturation-X
100 80 60 40 20 0

Oil Saturation-O

PERFS

Permeability
(Millidarcys)

AVERAGE PERMEABILITY
TO PERFS = 0.5 MD



J-Lazy-J No. 13

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