



**CORE LABORATORIES**

34-21-24W

Page 40 of 46

File 57183-90110

**SUMMARY OF MERCURY INJECTION TEST RESULTS**

Company: University of Colorado at Boulder Well: Oasis No. 6 Deutsch  
 Formation: Dolomite Field: Bindley  
 County, State: Hodgeman, Kansas

Sample Identification:	11	12
Depth, feet:	4655.5	4663.1
Permeability to Air, md:	461	142
Porosity, percent:	26.2	21.1

Injection Pressure, psia	Pore Aperture Radius, microns	<u>Mercury Saturation, percent pore space</u>	
3	35.5	0.0	0.0
6	17.7	7.6	9.8
9	11.8	27.6	21.4
12	8.87	42.0	29.6
15	7.09	54.5	36.1
18	5.91	61.8	40.5
21	5.07	66.6	44.7
24	4.44	70.4	47.4
27	3.94	73.2	50.5
30	3.55	75.5	52.4
40	2.66	81.1	56.8
60	1.77	84.3	60.5
80	1.33	85.6	63.0
100	1.06	86.2	65.2
200	.532	87.6	76.5
300	.355	89.5	81.9
500	.213	92.1	86.0
750	.142	93.2	88.5
1000	.106	93.8	89.7
1250	.085	94.3	90.6
1500	.071	94.6	91.3
1750	.061	94.9	91.7
2000	.053	95.1	92.2

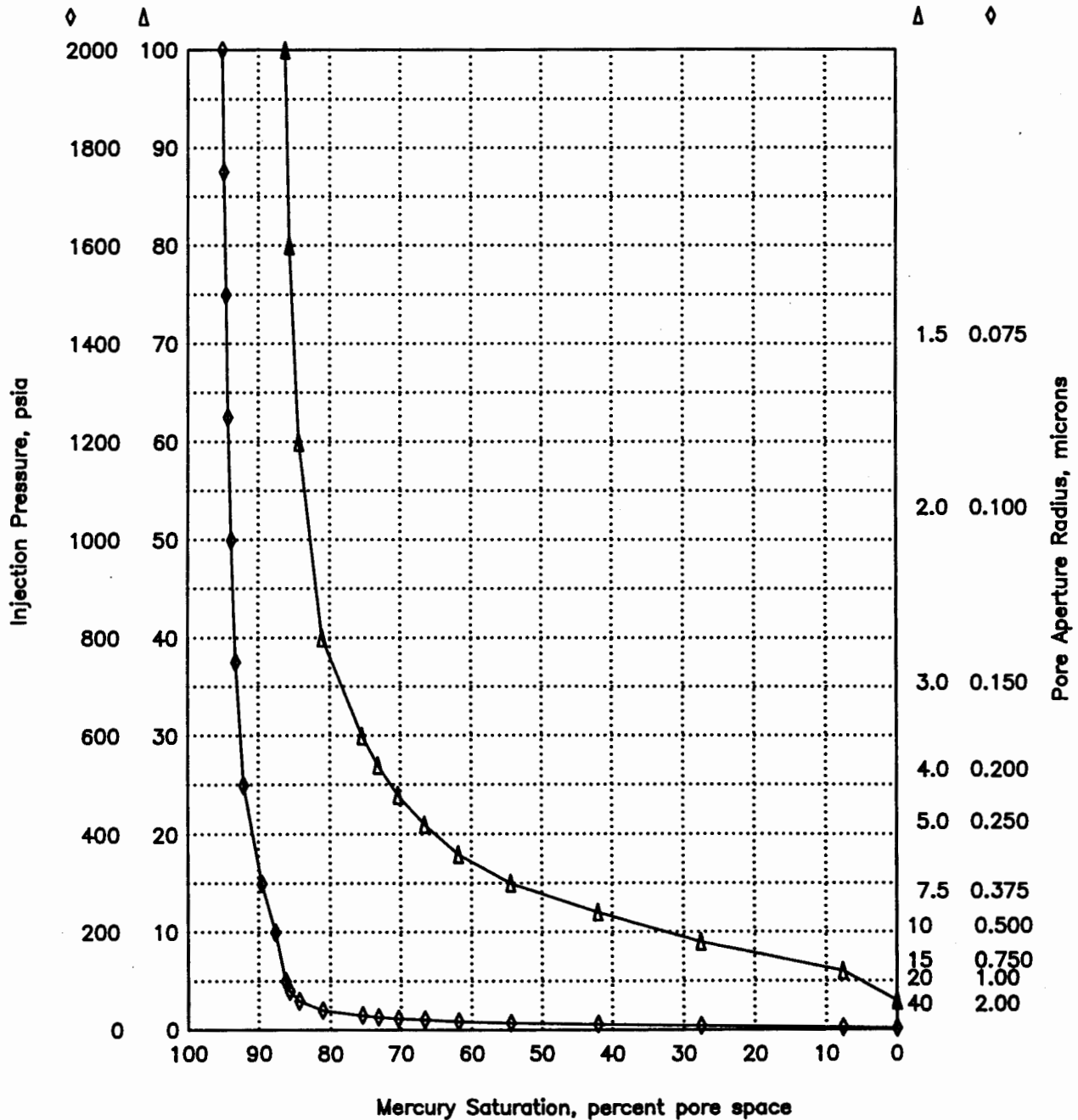
The analyses, opinions or interpretations contained in this report are based upon observations and material supplied by the client for whose exclusive and confidential use this report has been made. The interpretations or opinions expressed represent the best judgement of Core Laboratories. Core Laboratories assumes no responsibility and makes no warranty or representations, express or implied, as to the productivity, proper operations, or profitability however of any oil, gas, coal or other mineral, property, well or sand in connection with which such report is used or relied upon for any reason whatsoever.

34-21-24W  
Bindley W.F. Unit 200

# Injection Pressure vs Mercury Saturation

UNIVERSITY OF COLORADO AT BOULDER  
 OASIS NO. 6 DEUTSCH WELL  
 BINDLEY FIELD  
 HODGEMAN COUNTY, KANSAS

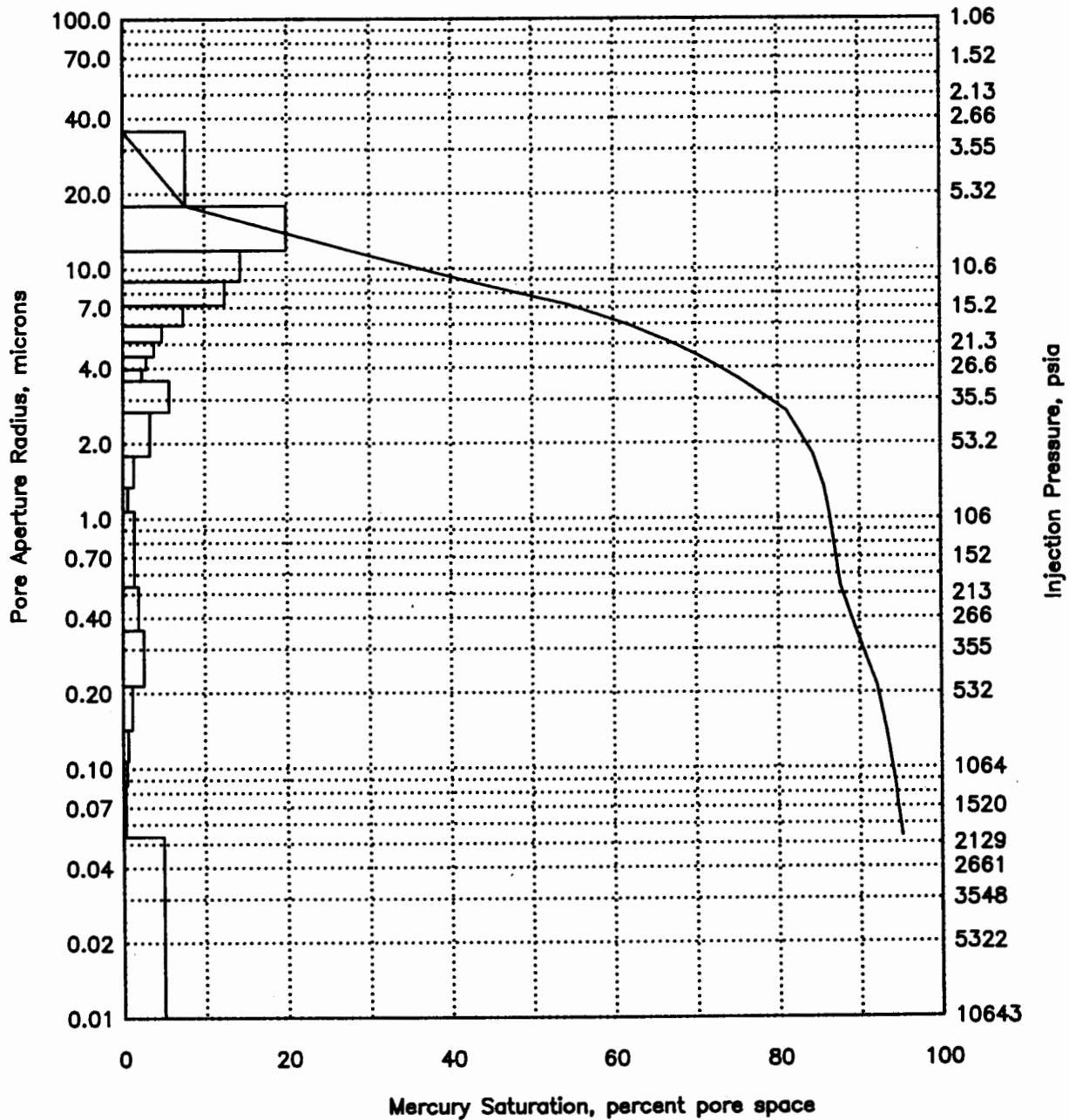
SAMPLE ID: 11  
 SAMPLE DEPTH, feet: 4655.5  
 PERMEABILITY TO AIR, md: 461  
 POROSITY, percent: 26.2



# Pore Aperture Radius vs Mercury Saturation

UNIVERSITY OF COLORADO AT BOULDER  
 OASIS NO. 6 DEUTSCH WELL  
 BINDLEY FIELD  
 HODGEMAN COUNTY, KANSAS

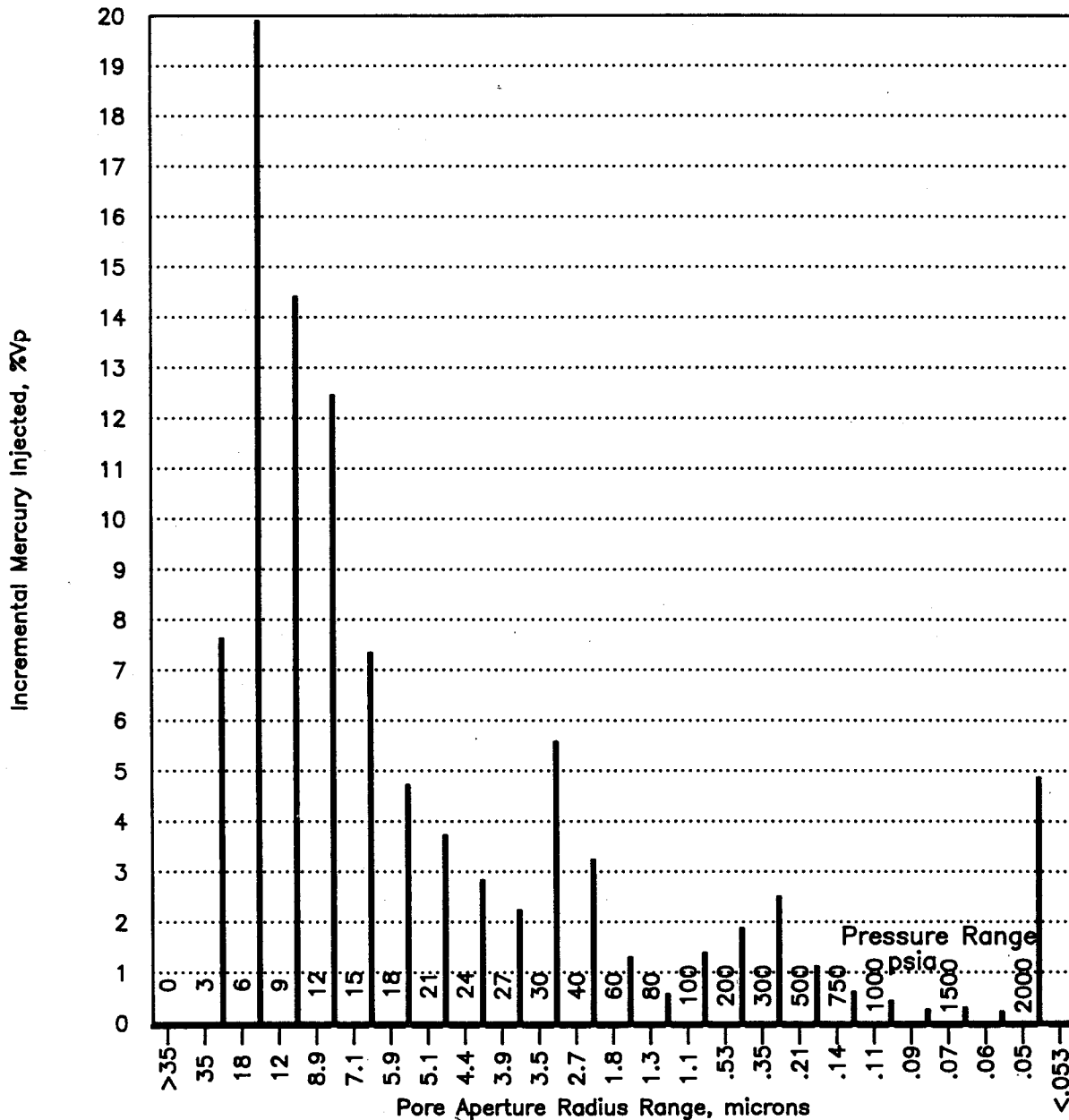
SAMPLE ID: 11  
 SAMPLE DEPTH, feet: 4655.5  
 PERMEABILITY TO AIR, md: 461  
 POROSITY, percent: 26.2



PORE PRINT  
**Pore Space Controlled by Pore Apertures**

UNIVERSITY OF COLORADO AT BOULDER  
 OASIS NO. 6 DEUTSCH WELL  
 BINDLEY FIELD  
 HODGEMAN COUNTY, KANSAS

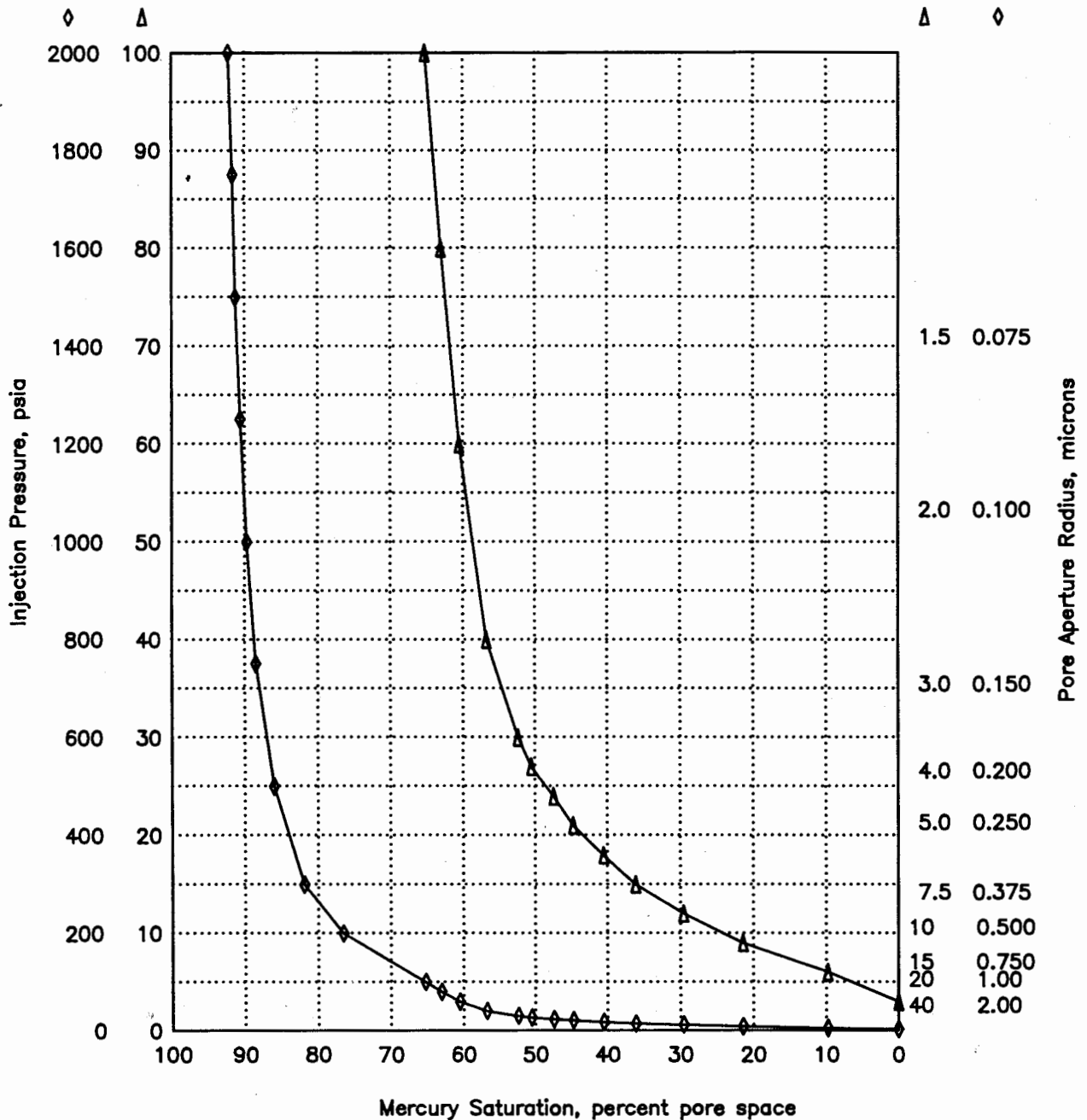
SAMPLE ID: 11  
 DEPTH, feet: 4655.5  
 AIR PERMEABILITY, md: 461  
 POROSITY, percent: 26.2



## Injection Pressure vs Mercury Saturation

UNIVERSITY OF COLORADO AT BOULDER  
 OASIS NO. 6 DEUTSCH WELL  
 BINDLEY FIELD  
 HODGEMAN COUNTY, KANSAS

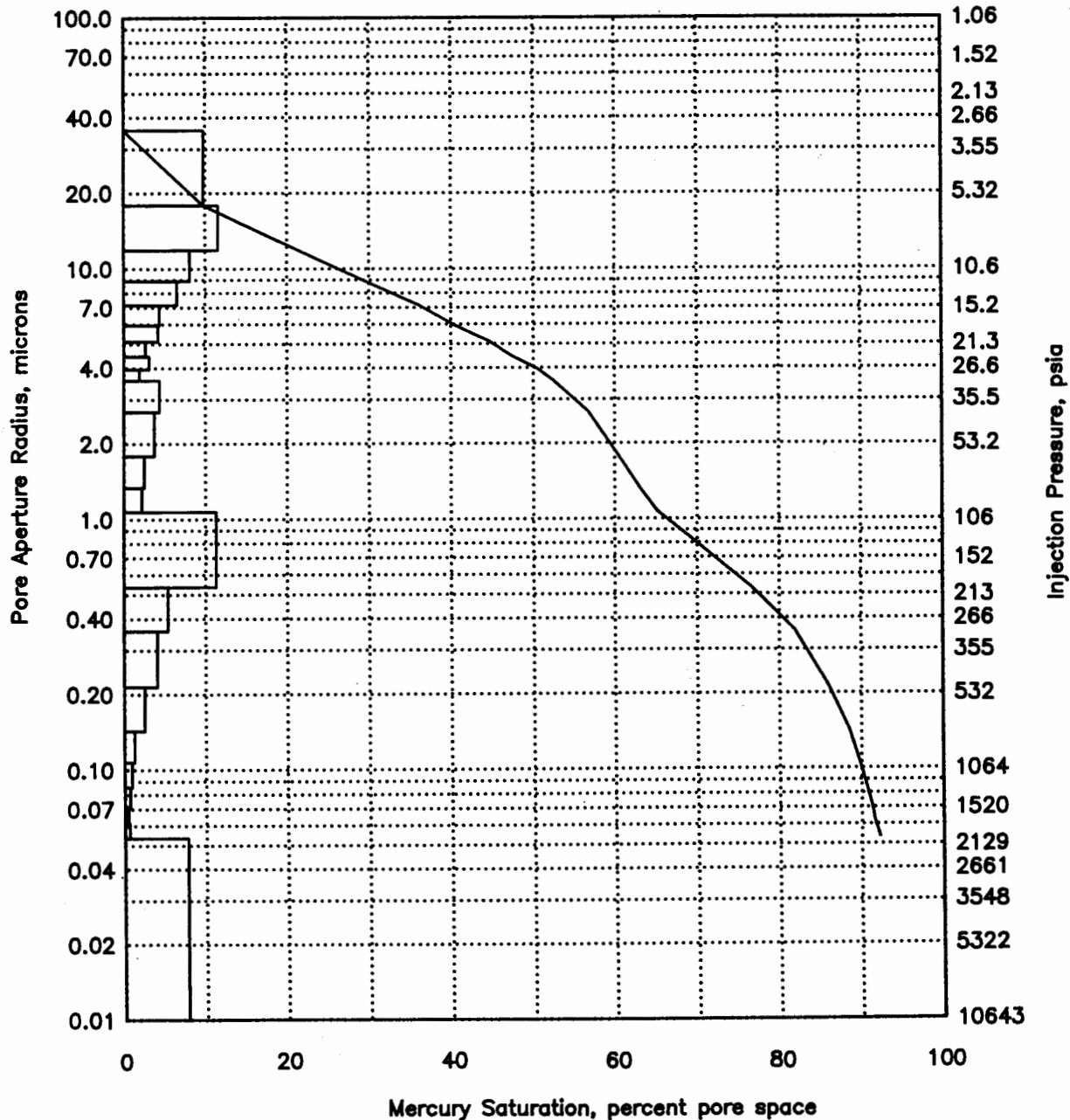
SAMPLE ID: 12  
 SAMPLE DEPTH, feet: 4663.1  
 PERMEABILITY TO AIR, md: 142  
 POROSITY, percent: 21.1



# Pore Aperture Radius vs Mercury Saturation

UNIVERSITY OF COLORADO AT BOULDER  
 OASIS NO. 6 DEUTSCH WELL  
 BINDLEY FIELD  
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