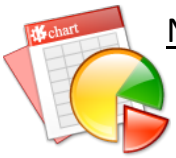
STATE OF ALASKA
DEPARTMENT OF NATURAL RESOURCES

Alaska Geologic Materials Center *Data Report No. 364*



No. 364: Advanced Rock Properties Study on Core samples from 8 wells in Alaska: ***Drew Pt #1***, ***East Simpson Test Well #1***, ***East Simpson #2***, ***Ikpikpuk #1***, ***J.W. Dalton #1***, ***Seabee #1***, ***Topogoruk Test #1***, and ***W. Dease #1***

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Zip archive (378 Kb) *available for download* from DGGS

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October 29, 2008

Talisman Energy Inc.
3400, 888 3rd Street SW
Calgary, Alberta
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Attention: **Jim Deering**

Subject: **Advanced Rock Properties Study**

Alaska wells - Drew Point #1, East Simpson #1, East Simpson #2, Ikpikpuk #1, J.W. Dalton #1, Seabee #1, Topogoruk #1, W. Dease #1

File Number: 52132-08-6055

Dear Mr. Deering:

Core Laboratories is pleased to present this final report of *Mercury Injection Capillary Pressure* study performed on core samples from the subject wells.

We appreciate the opportunity to be of service to *Talisman Energy Inc.* Should you have any questions or if we may be of further assistance, please do not hesitate to contact us.

Sincerely,

CORE LABORATORIES CANADA LTD.

Lyle Melin, P.Eng.
Quality Control Engineer
Advanced Rock Properties

Raymond Chan, BAPET
Project Coordinator
Advanced Rock Properties

LM/RC/kb

Encl.

ADVANCED ROCK PROPERTIES STUDY
for
TALISMAN ENERGY INC.

ALASKA WELLS (DREW POINT #1, EAST SIMPSON #1, EAST SIMPSON #2, IKPIKPUK #1, J.W. DALTON #1, SEABEE #1, TOPOGORUK #1, W. DEASE #1)

2008-10-29 52132-08-6055

PROGRAM PARTICIPANTS

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Report Preparation and Review	Raymond Chan, BAPET
Technical and Final Review	Lyle Melin, P.Eng.

TABLE OF CONTENTS

RESULTS AND DISCUSSION

At the request of Talisman Energy Inc., Core Laboratories Canada Ltd. has conducted an Advanced Rock Properties study on core samples from eight (8) wells in Alaska, i.e., Drew Point #1, East Simpson #1, East Simpson #2, Ikpikpuk #1, J.W. Dalton #1, Seabee #1, Topogoruk #1, and W. Dease #1. Samples represent the Albian – Torok and Albian – Nanushuk formations in Alaska.

In total, twenty (20) mercury injection capillary pressure tests were conducted. Sample W.Dease #1 1915' failed during the mercury injection capillary pressure measurement and as a result only nineteen (19) mercury injection capillary pressure results are presented in this report.

Results of the study are summarized in Table 1.1 in this section. Detailed discussion of test results is provided below.

Sample Preparation

A total of twenty (20) rock chunks were prepared for Mercury Injection Capillary Pressure testing. The samples were cleaned with toluene and methanol to ensure removal of all hydrocarbons and salts and then vacuum oven dried at 100°C for twenty-four hours. Due to the size and non-cylindrical shape of the samples, Pressure Decay Profile Permeameter was used to measure the ambient air permeability of all samples.

The ambient porosity and air permeability of all Alaska samples ranged from 8.4% to 29.0% and 0.05 mD to 776 mD, respectively.

The petrophysical properties of ambient porosity, air permeability, grain density and lithological description of the samples are presented in Section 3.

Alaska Mercury Injection Capillary Pressure

Table 1.1 summarizes mercury injection capillary pressure results with respect to minimum wetting phase saturation, threshold pressure, and median pore throat radius. Minimum wetting phase saturations are reported at an arbitrary laboratory air-mercury capillary pressure of 2020 psia.

The height above free water level was calculated based on provided oil and brine densities of 30 degree API oil and 15000 PPM NaCl, respectively for Alaska well

samples. The densities are then calculated to reservoir temperature using provided formula [Temperature (°F) = 40 + 0.0169269 * depth (feet)] with the exception of samples from the Seabee #1 well in which the reservoir temperature was 120°F.
The details of the test results are presented in Section 4.

Drew Point #1 Well (Albian – Torok)

The minimum pressure for mercury to intrude into the largest pore space of sample, also known as threshold pressure for Sample 5904' was 570 psia. Minimum wetting phase saturation at 2020 psia air-mercury capillary pressure or 1820 feet above free water level was 48.3%. The height above free water level was calculated based on oil density gradient of 0.366 psi/ft and water density gradient of 0.431 psi/ft. The median pore throat radius was 0.057 micron.

This sample displayed uni-modal pore throat size distribution.

East Simpson #1 Well (Albian – Torok)

The threshold pressure for Sample 5130' was 370 psia. Minimum wetting phase saturation at 2020 psia air-mercury capillary pressure or 1850 feet above free water level was 38.8%. The height above free water level was calculated based on oil density gradient of 0.368 psi/ft and water density gradient of 0.432 psi/ft. The median pore throat radius was 0.086 micron.

This sample displayed uni-modal pore throat size distribution.

East Simpson #2 Well (Albian – Nanushuk)

The threshold pressure ranged from 11.5 psia to 53.2 psia. Minimum wetting phase saturation at 2020 psia air-mercury capillary pressure or 1960 feet above free water level ranged from 8.4% to 27.4%. The height above free water level was calculated based on oil density gradient of 0.376 psi/ft and water density gradient of 0.437 psi/ft. The median pore throat radius ranged from 0.477 micron to 6.260 microns.

All samples displayed uni-modal pore throat size distribution.

East Simpson #2 Well (Albian – Torok)

The threshold pressure ranged from 79.4 psia to 140 psia. Minimum wetting phase saturation at 2020 psia air-mercury capillary pressure or 1830 feet above free water level ranged from 19.9% to 31.4%. The height above free water level was calculated based on

oil density gradient of 0.365 psi/ft and water density gradient of 0.430 psi/ft. The median pore throat radius ranged from 0.202 micron to 0.433 micron.

All samples displayed uni-modal pore throat size distribution.

Ikpikpuk #1 Well (Albian – Torok)

The threshold pressure for Sample 7141.5' was 330 psia. Minimum wetting phase saturation at 2020 psia air-mercury capillary pressure or 1800 feet above free water level was 33.8%. The height above free water level was calculated based on oil density gradient of 0.362 psi/ft and water density gradient of 0.428 psi/ft. The median pore throat radius was 0.141 micron.

This sample displayed uni-modal pore throat size distribution.

J.W. Dalton #1 Well (Albian – Torok)

The threshold pressure ranged from 17.3 psia to 46.3 psia. Minimum wetting phase saturation at 2020 psia air-mercury capillary pressure or 1870 feet above free water level ranged from 28.3% to 34.3%. The height above free water level was calculated based on oil density gradient of 0.369 psi/ft and water density gradient of 0.433 psi/ft. The median pore throat radius ranged from 0.223 micron to 0.391 micron.

All samples displayed multi-modal pore throat size distribution.

Seabee #1 Well (Albian – Torok)

The threshold pressure ranged from 46.1 psia to 2010 psia. Minimum wetting phase saturation at 2020 psia air-mercury capillary pressure or 1870 feet above free water level ranged from 28.1% to 100%. The height above free water level was calculated based on oil density gradient of 0.369 psi/ft and water density gradient of 0.433 psi/ft. The median pore throat radius ranged from 0.014 micron to 0.278 micron.

Sample 5392' displayed multi-modal pore throat size distribution and Sample 5396' displayed uni-modal pore throat size distribution.

Topogoruk #1 Well (Albian – Torok)

The threshold pressure for Sample 5974' was 330 psia. Minimum wetting phase saturation at 2020 psia air-mercury capillary pressure or 1830 feet above free water level was 30.5%. The height above free water level was calculated based on oil density

gradient of 0.366 psi/ft and water density gradient of 0.431 psi/ft. The median pore throat radius was 0.133 micron.

This sample displayed uni-modal pore throat size distribution.

The mercury injection data are corrected for conformance. Conformance is defined as that apparent injection that occurs as mercury fills in around the irregular surfaces of the sample prior to actual injection. These data are removed from the injected volumes, otherwise the median pore throat size would be erroneously large and the reported saturations would be less than actual. The wetting phase refers to mercury vapor.

Pore Size Distribution

Pore size distribution was calculated from the mercury injection test results. These data are typically used for pore geometry characterizations and comparisons. The distribution of pore throat sizes can often help to evaluate the results of other analyses performed on the same, or similar companion, samples. It can also aid in designing filtration requirements for injection projects. Textural effects and pore size distribution are major factors affecting irreducible water saturations, and hence the extent and height of a reservoir's transition zone.

In general, pore throat radii can be divided into several categories which can be used in the classification and grouping of the test samples. Microporosity is often defined as pore throat radii of less than 0.50 microns. The following classification is utilized for this discussion:

Classification Number	Pore Radius Classification	Pore Radius, microns Minimum	Maximum
1	micro	<0.50	0.50
2	meso	0.50	1.5
3	macro	1.5	>1.5

These ranges have been included on the pore throat radii histograms.

J-Function and System Conversions

Some of the additional data which are presented on the tabular pages are the "J - Function" and conversions of mercury injection data to (laboratory) gas-water, gas-oil, and oil-water systems. Leverett J-Function values can be used to normalize data from different samples, converting all capillary pressure data to a universal curve, which

represents a specific formation or zone. For these data, the historical J-Function equation has been modified to include a factor making the results dimensionless. Conversions of air-mercury pressures to other systems can be refined by inputting actual measured values for the "typical" parameters, which are used when measured values are not available.

Height Above Free Water

In order to calculate a corresponding height above free water for the mercury injection data, laboratory data are converted to equivalent reservoir oil-water or gas-water values and generic fluid density gradients used. Ideally, the density gradients should correspond to reservoir values at initial reservoir temperature and pressure. Height values are meant only as estimated values when standard, "typical" interfacial tension, contact angle, and density gradient parameters are used. While these values are often reasonable estimates, for more representative values actual reservoir parameter values should be input into the conversion equation.

		FILE:	52132-08-6055
COMPANY:	Talisman Energy Inc.	FORMATION:	Albian - Torok
WELL:	Drew Point #1	FIELD:	NA
LOCATION:	NA	COUNTRY:	Alaska

CONVERSIONS USED FOR CALCULATION OF PORE SIZE, RESERVOIR CAPILLARY PRESSURE AND HEIGHT ABOVE WATER

Mercury IFT, dynes/cm:	480
Mercury Contact Angle, degrees:	140
Reservoir Hydrocarbon IFT,dynes/cm:	25
Reservoir Contact Angle, degrees:	30
Ratio of Reservoir/Lab IFTxCOS(Contact Angle):	0.059
Hydrocarbon Density Gradient, psi/ft:	0.366
Water Density Gradient, psi/ft:	0.431

TABLE 1.1: ALASKA SUMMARY OF MERCURY INJECTION CAPILLARY PRESSURE RESULTS

		AMBIENT CONDITION					
SAMPLE	DEPTH feet	POROSITY fraction	AIR PERMEABILITY millidarcies	MERCURY THRESHOLD PRESSURE psia	MINIMUM WETTING PHASE SATURATION AT 2020 psia fraction Vp	MEDIAN PORE THROAT RADIUS microns	BIMODAL yes/no
Drew Point #1 5904'	5904.0	0.084	0.05	570	0.483	0.057	uni-modal

		FILE:	52132-08-6055
COMPANY:	Talisman Energy Inc.	FORMATION:	Albian - Torok
WELL:	East Simpson #1	FIELD:	NA
LOCATION:	NA	COUNTRY:	Alaska

CONVERSIONS USED FOR CALCULATION OF PORE SIZE, RESERVOIR CAPILLARY PRESSURE AND HEIGHT ABOVE WATER

Mercury IFT, dynes/cm:	480
Mercury Contact Angle, degrees:	140
Reservoir Hydrocarbon IFT,dynes/cm:	25
Reservoir Contact Angle, degrees:	30
Ratio of Reservoir/Lab IFTxCOS(Contact Angle):	0.059
Hydrocarbon Density Gradient, psi/ft:	0.368
Water Density Gradient, psi/ft:	0.432

TABLE 1.1: ALASKA SUMMARY OF MERCURY INJECTION CAPILLARY PRESSURE RESULTS

		AMBIENT CONDITION					
SAMPLE	DEPTH feet	POROSITY fraction	AIR PERMEABILITY millidarcies	MERCURY THRESHOLD PRESSURE psia	MINIMUM WETTING PHASE SATURATION AT 2020 psia fraction Vp	MEDIAN PORE THROAT RADIUS microns	BIMODAL yes/no
East Simpson #1 5130'	5130.0	0.106	0.13	370	0.388	0.086	uni-modal

FILE: 52132-08-6055

COMPANY:	Talisman Energy Inc.	FORMATION:	Albian - Nanushuk
WELL:	East Simpson #2	FIELD:	NA
LOCATION:	NA	COUNTRY:	Alaska

CONVERSIONS USED FOR CALCULATION OF PORE SIZE, RESERVOIR CAPILLARY PRESSURE AND HEIGHT ABOVE WATER

Mercury IFT, dynes/cm:	480
Mercury Contact Angle, degrees:	140
Reservoir Hydrocarbon IFT,dynes/cm:	25
Reservoir Contact Angle, degrees:	30
Ratio of Reservoir/Lab IFTxCOS(Contact Angle):	0.059
Hydrocarbon Density Gradient, psi/ft:	0.376
Water Density Gradient, psi/ft:	0.437

TABLE 1.1: ALASKA SUMMARY OF MERCURY INJECTION CAPILLARY PRESSURE RESULTS

		AMBIENT CONDITION					
SAMPLE	DEPTH feet	POROSITY fraction	AIR PERMEABILITY millidarcies	MERCURY THRESHOLD PRESSURE psia	MINIMUM WETTING PHASE SATURATION AT 2020 psia fraction Vp	MEDIAN PORE THROAT RADIUS microns	BIMODAL yes/no
East Simpson #2 2388'	2388.0	0.290	103	11.5	0.084	6.260	uni-modal
East Simpson #2 2392'	2392.0	0.281	776	14.4	0.120	4.980	uni-modal
East Simpson #2 2395.5'	2395.5	0.265	660	20.3	0.236	1.800	uni-modal
East Simpson #2 2399.5'	2399.5	0.213	3.29	53.2	0.185	0.477	uni-modal
East Simpson #2 2405'	2405.0	0.263	67.6	20.3	0.274	1.160	uni-modal

		FILE:	52132-08-6055
COMPANY:	Talisman Energy Inc.	FORMATION:	Albian - Torok
WELL:	East Simpson #2	FIELD:	NA
LOCATION:	NA	COUNTRY:	Alaska

CONVERSIONS USED FOR CALCULATION OF PORE SIZE, RESERVOIR CAPILLARY PRESSURE AND HEIGHT ABOVE WATER

Mercury IFT, dynes/cm:	480
Mercury Contact Angle, degrees:	140
Reservoir Hydrocarbon IFT,dynes/cm:	25
Reservoir Contact Angle, degrees:	30
Ratio of Reservoir/Lab IFTxCOS(Contact Angle):	0.059
Hydrocarbon Density Gradient, psi/ft:	0.365
Water Density Gradient, psi/ft:	0.430

TABLE 1.1: ALASKA SUMMARY OF MERCURY INJECTION CAPILLARY PRESSURE RESULTS

		AMBIENT CONDITION					
SAMPLE	DEPTH feet	POROSITY fraction	AIR PERMEABILITY millidarcies	MERCURY THRESHOLD PRESSURE psia	MINIMUM WETTING PHASE SATURATION AT 2020 psia fraction Vp	MEDIAN PORE THROAT RADIUS microns	BIMODAL yes/no
East Simpson #2 6064'	6064.0	0.145	0.77	110	0.264	0.284	uni-modal
East Simpson #2 6066.5'	6066.5	0.137	2.78	120	0.314	0.202	uni-modal
East Simpson #2 6070'	6070.0	0.137	0.90	92.5	0.235	0.355	uni-modal
East Simpson #2 6073'	6073.0	0.136	44.8	140	0.276	0.223	uni-modal
East Simpson #2 6075.5'	6075.5	0.154	1.20	79.4	0.199	0.433	uni-modal
East Simpson #2 6076'	6076.0	0.159	0.84	79.6	0.214	0.393	uni-modal

		FILE:	52132-08-6055
COMPANY:	Talisman Energy Inc.	FORMATION:	Albian - Torok
WELL:	Ikpikpuk #1	FIELD:	NA
LOCATION:	NA	COUNTRY:	Alaska

CONVERSIONS USED FOR CALCULATION OF PORE SIZE, RESERVOIR CAPILLARY PRESSURE AND HEIGHT ABOVE WATER

Mercury IFT, dynes/cm:	480
Mercury Contact Angle, degrees:	140
Reservoir Hydrocarbon IFT,dynes/cm:	25
Reservoir Contact Angle, degrees:	30
Ratio of Reservoir/Lab IFTxCOS(Contact Angle):	0.059
Hydrocarbon Density Gradient, psi/ft:	0.362
Water Density Gradient, psi/ft:	0.428

TABLE 1.1: ALASKA SUMMARY OF MERCURY INJECTION CAPILLARY PRESSURE RESULTS

		AMBIENT CONDITION					
SAMPLE	DEPTH feet	POROSITY fraction	AIR PERMEABILITY millidarcies	MERCURY THRESHOLD PRESSURE psia	MINIMUM WETTING PHASE SATURATION AT 2020 psia fraction Vp	MEDIAN PORE THROAT RADIUS microns	BIMODAL yes/no
Ikpikpuk #1 7141.5'	7141.5	0.127	324	330	0.338	0.141	uni-modal

FILE: 52132-08-6055

COMPANY:	Talisman Energy Inc.	FORMATION:	Albian - Torok
WELL:	J.W. Dalton#1	FIELD:	NA
LOCATION:	NA	COUNTRY:	Alaska

CONVERSIONS USED FOR CALCULATION OF PORE SIZE, RESERVOIR CAPILLARY PRESSURE AND HEIGHT ABOVE WATER

Mercury IFT, dynes/cm:	480
Mercury Contact Angle, degrees:	140
Reservoir Hydrocarbon IFT,dynes/cm:	25
Reservoir Contact Angle, degrees:	30
Ratio of Reservoir/Lab IFTxCOS(Contact Angle):	0.059
Hydrocarbon Density Gradient, psi/ft:	0.369
Water Density Gradient, psi/ft:	0.433

TABLE 1.1: ALASKA SUMMARY OF MERCURY INJECTION CAPILLARY PRESSURE RESULTS

		AMBIENT CONDITION					
SAMPLE	DEPTH feet	POROSITY fraction	AIR PERMEABILITY millidarcies	MERCURY THRESHOLD PRESSURE psia	MINIMUM WETTING PHASE SATURATION AT 2020 psia fraction Vp	MEDIAN PORE THROAT RADIUS microns	BIMODAL yes/no
J.W. Dalton #1 4693.5'	4693.5	0.196	12.8	46.3	0.343	0.223	multi-modal
J.W. Dalton #1 4697.5'	4697.5	0.195	135	17.3	0.283	0.391	multi-modal

		FILE:	52132-08-6055
COMPANY:	Talisman Energy Inc.	FORMATION:	Albian - Torok
WELL:	Seabee #1	FIELD:	NA
LOCATION:	NA	COUNTRY:	Alaska

CONVERSIONS USED FOR CALCULATION OF PORE SIZE, RESERVOIR CAPILLARY PRESSURE AND HEIGHT ABOVE WATER

Mercury IFT, dynes/cm:	480
Mercury Contact Angle, degrees:	140
Reservoir Hydrocarbon IFT,dynes/cm:	25
Reservoir Contact Angle, degrees:	30
Ratio of Reservoir/Lab IFTxCOS(Contact Angle):	0.059
Hydrocarbon Density Gradient, psi/ft:	0.369
Water Density Gradient, psi/ft:	0.433

TABLE 1.1: ALASKA SUMMARY OF MERCURY INJECTION CAPILLARY PRESSURE RESULTS

		AMBIENT CONDITION					
SAMPLE	DEPTH feet	POROSITY fraction	AIR PERMEABILITY millidarcies	MERCURY THRESHOLD PRESSURE psia	MINIMUM WETTING PHASE SATURATION AT 2020 psia fraction Vp	MEDIAN PORE THROAT RADIUS microns	BIMODAL yes/no
Seabee #1 5392'	5392.0	0.145	0.27	46.1	0.281	0.278	multi-modal
Seabee #1 5396'	5396.0	0.087	0.48	2010	1.000	0.014	uni-modal

		FILE:	52132-08-6055
COMPANY:	Talisman Energy Inc.	FORMATION:	Albian - Torok
WELL:	Topogoruk #1	FIELD:	NA
LOCATION:	NA	COUNTRY:	Alaska

CONVERSIONS USED FOR CALCULATION OF PORE SIZE, RESERVOIR CAPILLARY PRESSURE AND HEIGHT ABOVE WATER

Mercury IFT, dynes/cm:	480
Mercury Contact Angle, degrees:	140
Reservoir Hydrocarbon IFT,dynes/cm:	25
Reservoir Contact Angle, degrees:	30
Ratio of Reservoir/Lab IFTxCOS(Contact Angle):	0.059
Hydrocarbon Density Gradient, psi/ft:	0.366
Water Density Gradient, psi/ft:	0.431

TABLE 1.1: ALASKA SUMMARY OF MERCURY INJECTION CAPILLARY PRESSURE RESULTS

		AMBIENT CONDITION					
SAMPLE	DEPTH feet	POROSITY fraction	AIR PERMEABILITY millidarcies	MERCURY THRESHOLD PRESSURE psia	MINIMUM WETTING PHASE SATURATION AT 2020 psia fraction Vp	MEDIAN PORE THROAT RADIUS microns	BIMODAL yes/no
Topogoruk #1 5974'	5974.0	0.115	13.2	330	0.305	0.133	uni-modal

CHRONOLOGICAL SEQUENCE OF EVENTS

Sample and Fluids Preparation

1. Twenty (20) rock chunks from eight (8) Alaska were received from Talisman Energy Inc. at Core Laboratories Canada Ltd. The samples represented the Drew Point #1, East Simpson #1, East Simpson #2, Ikpikpuk #1, J.W. Dalton #1, Seabee #1, Topogoruk #1, and W.Dease #1 wells from the Albian – Torok and Albian Nanushuk formations.

2. The samples were cleaned with toluene and methanol to ensure removal of all hydrocarbons and salts and vacuum oven dried at 100 °C for twenty-four hours.

3. Petrophysical properties of permeability, porosity and grain density were measured at ambient conditions and a lithological description provided.

Mercury Injection Capillary Pressure

4. The selected samples were loaded into an AutoPore 9220 (automated mercury injection apparatus). Mercury was injected into the samples at incrementally increasing pressures. The volume of mercury injected at each pressure was monitored and recorded.

5. The data are presented in tabular and graphical format.

Calculations – Mercury Injection

1. Pore throat radii were calculated using the formula:

$$R_i = \frac{2\sigma \cos\theta}{P_c}$$

where: R_i = pore throat radius, microns
σ = interfacial tension, dynes/cm
θ = contact angle
P_c = mercury injection pressure, kPa.

2. J-Function values are calculated from capillary pressure (or mercury injection) data and basic sample properties using the following equation:

$$J-Function=\frac{0.0314\times P_c\times(k/\phi)^{1/2}}{\sigma\cos\theta}$$

where: P_c = injection pressure, kPa.
σ = interfacial tension, dynes/cm
θ = contact angle
k = permeability to air (or Klinkenberg), millidarcys
ϕ = porosity, fraction.
0.0314 = factor used to cancel units and make "J" dimensionless

3. Conversions of pressure from one fluid system to the others are calculated using the example formula:

$$P_{c(g-w)}=P_{c(meas)}\frac{(\sigma\cos\theta)_{(o-w)}}{(\sigma\cos\theta)_{(meas)}}$$

where:

$P_{c(o-w)}$ = Capillary pressure in an oil-water system
$P_{c(meas)}$ = Capillary pressure of the measured fluid system
σ = interfacial tension
θ = contact angle

4. Height above free water is calculated from laboratory capillary pressure data using the following equation:

$$P_{cR}=P_{cL}\frac{(\sigma\cos\theta)_R}{(\sigma\cos\theta)_L}$$

$$Height=\frac{P_{cR}}{(\rho_w-\rho_h)}$$

Where:

P_{cL} = Laboratory measured capillary pressure
$(\sigma\cos\theta)_R$ = Interfacial tension * cosine of contact angle (reservoir)
$(\sigma\cos\theta)_L$ = Interfacial tension * cosine of contact angle (laboratory)

ρ_w = *reservoir density gradient, water*

ρ_h = reservoir density gradient, hydrocarbon

SUMMARY OF CALCULATION PARAMETERS USED

(Conversion of A-Hg data to other fluid systems)
(Height above free water)

Fluid System	(θ) Contact Angle	cosine Contact θ	(T) Interfacial Tension	T cosine θ
Laboratory				
Gas-water	0.0	1.00	70.0	70.0
Oil-water	30.0	0.866	35.0	30.3
Gas-oil	0.0	1.00	24.0	24.0
Air-mercury	140	0.766	480	367.7
Reservoir				
Oil-water	30.0	0.866	25.0	21.7
Gas-water	0.0	1.00	50.0	50.0

ADVANCED ROCK PROPERTIES PROCEDURES

Net Overburden Pressure

Tests performed under overburden conditions are loaded under hydrostatic conditions in the laboratory. Because laboratory loading is hydrostatic, more strain results than under typical reservoir loading conditions. In order to obtain a hydrostatic net confining pressure that is equivalent to the reservoir loading conditions, the following formula is used:

$$\text{NOB Hydrostatic} = \left[\frac{1}{3} + \frac{2}{3}\left(\frac{\mu}{1-\mu}\right)\right] \times \left[(\text{Depth} \times \text{Pressure Gradient}) - \text{Reservoir Pressure}\right]$$

where:

μ	= Poisson's Ratio (Assumed to be 0.26 for Sandstones) (Assumed to be 0.35 for Carbonates)
Depth	= Reservoir True Vertical Depth, feet
Pressure Gradient	= 1.0 psi/feet
Reservoir Pressure	= psi

Mercury Injection Capillary Pressure

Prior to testing, the core sample is cleaned, dried and routine petrophysical properties of porosity, grain density and permeability to air are measured.

The sample is loaded into an Autopore 9220 (Automated Mercury Injection Apparatus), sealed in a mercury-filled cell and evacuated. Mercury is injected at increasing pressures from 2.9 to 59,000 psia for the drainage cycle, wetting phase saturation decreasing. The volume of mercury saturating the sample at each pressure is accurately determined by a calibrated "penetrometer". As mercury is injected into the sample, the volume of mercury remaining in the penetrometer decreases, causing a precise change in capacitance within the penetrometer. Equilibrium at each pressure is verified by a minimum injection rate equilibrium (0.001 μL/gm/sec), monitored via the system software.

The data are presented in both a tabular and graphical format. Graphical presentation of data includes; air-mercury capillary pressure versus wetting phase saturation, pore volume fraction versus pore radius and height above free water versus wetting phase saturation.

FILE: 52132-08-6055

COMPANY:	Talisman Energy Inc.	FORMATION:	Albian - Torok
WELL:	Drew Point #1	FIELD:	NA
LOCATION:	NA	COUNTRY:	Alaska

SAMPLE IDENTIFICATION

		AMBIENT CONDITION			
SAMPLE	DEPTH, feet	POROSITY, fraction	AIR PERMEABILITY, millidarcies	GRAIN DENSITY, kg/m³	LITHOLOGICAL DESCRIPTION
Drew Point #1 5904'	5904.0	0.084	0.05	2670	Sst,gry,wl-ind,vfgr,wlsrt,dol,fri

FILE: 52132-08-6055

COMPANY:	Talisman Energy Inc.	FORMATION:	Albian - Torok
WELL:	East Simpson #1	FIELD:	NA
LOCATION:	NA	COUNTRY:	Alaska

SAMPLE IDENTIFICATION

		AMBIENT CONDITION			
SAMPLE	DEPTH, feet	POROSITY, fraction	AIR PERMEABILITY, millidarcies	GRAIN DENSITY, kg/m³	LITHOLOGICAL DESCRIPTION
East Simpson #1 5130'	5130.0	0.106	0.13	2650	Sst,gry,wl-ind,vfgr,wlsrt,dol

FILE: 52132-08-6055

COMPANY:	Talisman Energy Inc.	FORMATION:	Albian - Nanushuk
WELL:	East Simpson #2	FIELD:	NA
LOCATION:	NA	COUNTRY:	Alaska

SAMPLE IDENTIFICATION

		AMBIENT CONDITION			
SAMPLE	DEPTH, feet	POROSITY, fraction	AIR PERMEABILITY, millidarcies	GRAIN DENSITY, kg/m³	LITHOLOGICAL DESCRIPTION
East Simpson #2 2388'	2388.0	0.290	103	2640	Sst,gry,wl-ind,vfgr,wlsrt
East Simpson #2 2392'	2392.0	0.281	776	2650	Sst,gry,wl-ind,fgr,modsrt,fri
East Simpson #2 2395.5'	2395.5	0.265	660	2670	Sst,gry,wl-ind,fgr,wlsrt,slty
East Simpson #2 2399.5'	2399.5	0.213	3.29	2670	Sst,gry,wl-ind,vfgr,wlsrt,slty
East Simpson #2 2405'	2405.0	0.263	67.6	2670	Sst,gry,wl-ind,vfgr,wlsrt,slty

FILE: 52132-08-6055

COMPANY:	Talisman Energy Inc.	FORMATION:	Albian - Torok
WELL:	East Simpson #2	FIELD:	NA
LOCATION:	NA	COUNTRY:	Alaska

SAMPLE IDENTIFICATION

		AMBIENT CONDITION			
SAMPLE	DEPTH, feet	POROSITY, fraction	AIR PERMEABILITY, millidarcies	GRAIN DENSITY, kg/m³	LITHOLOGICAL DESCRIPTION
East Simpson #2 6064'	6064.0	0.145	0.77	2670	Sst,gry,wl-ind,vfgr,wlsrt
East Simpson #2 6066.5'	6066.5	0.137	2.78	2670	Sst,gry,wl-ind,vfgr,wlsrt,fe-st,dol
East Simpson #2 6070'	6070.0	0.137	0.90	2650	Sst,gry,wl-ind,vfgr,wlsrt,fe-st,dol
East Simpson #2 6073'	6073.0	0.136	44.8	2670	Sst,gry,wl-ind,vfgr,wlsrt,fri
East Simpson #2 6075.5'	6075.5	0.154	1.20	2650	Sst,gry,wl-ind,vfgr,wlsrt,slty
East Simpson #2 6076'	6076.0	0.159	0.84	2660	Sst,gry,wl-ind,vfgr,wlsrt,slty

FILE: 52132-08-6055

COMPANY:	Talisman Energy Inc.	FORMATION:	Albian - Torok
WELL:	Ikpikpuk #1	FIELD:	NA
LOCATION:	NA	COUNTRY:	Alaska

SAMPLE IDENTIFICATION

		AMBIENT CONDITION			
SAMPLE	DEPTH, feet	POROSITY, fraction	AIR PERMEABILITY, millidarcies	GRAIN DENSITY, kg/m³	LITHOLOGICAL DESCRIPTION
Ikpikpuk #1 7141.5'	7141.5	0.127	324	2650	Sst,gry,wl-ind,vfgr,wlsrt,dol

FILE: 52132-08-6055

COMPANY:	Talisman Energy Inc.	FORMATION:	Albian - Torok
WELL:	J.W. Dalton #1	FIELD:	NA
LOCATION:	NA	COUNTRY:	Alaska

SAMPLE IDENTIFICATION

		AMBIENT CONDITION			
SAMPLE	DEPTH, feet	POROSITY, fraction	AIR PERMEABILITY, millidarcies	GRAIN DENSITY, kg/m³	LITHOLOGICAL DESCRIPTION
J.W. Dalton #1 4693.5'	4693.5	0.196	12.8	2650	Sst,gry,wl-ind,vfgr,modsrt,slty,frac
J.W. Dalton #1 4697.5'	4697.5	0.195	135	2640	Sst,gry,wl-ind,vfgr,wlsrt,sh,lam

FILE: 52132-08-6055

COMPANY:	Talisman Energy Inc.	FORMATION:	Albian - Torok
WELL:	Seabee #1	FIELD:	NA
LOCATION:	NA	COUNTRY:	Alaska

SAMPLE IDENTIFICATION

		AMBIENT CONDITION			
SAMPLE	DEPTH, feet	POROSITY, fraction	AIR PERMEABILITY, millidarcies	GRAIN DENSITY, kg/m³	LITHOLOGICAL DESCRIPTION
Seabee #1 5392'	5392.0	0.145	0.27	2670	Sst,gry,wl-ind,vfgr,wlsrt,sh
Seabee #1 5396'	5396.0	0.087	0.48	3000	Sst,gry,wl-ind,vfgr,wlsrt,fe-st,pyr,dns

FILE: 52132-08-6055

COMPANY:	Talisman Energy Inc.	FORMATION:	Albian - Torok
WELL:	Topogoruk #1	FIELD:	NA
LOCATION:	NA	COUNTRY:	Alaska

SAMPLE IDENTIFICATION

		AMBIENT CONDITION			
SAMPLE	DEPTH, feet	POROSITY, fraction	AIR PERMEABILITY, millidarcies	GRAIN DENSITY, kg/m³	LITHOLOGICAL DESCRIPTION
Topogoruk #1 5974'	5974.0	0.115	13.2	2660	Sst,gry,wl-ind,vfgr,wlsrt,slty,frac

FILE: 52132-08-6055

COMPANY:	Talisman Energy Inc.	FORMATION:	Albian - Torok
WELL:	W. Dease #1	FIELD:	NA
LOCATION:	NA	COUNTRY:	Alaska

SAMPLE IDENTIFICATION

		AMBIENT CONDITION			
SAMPLE	DEPTH, feet	POROSITY, fraction	AIR PERMEABILITY, millidarcies	GRAIN DENSITY, kg/m³	LITHOLOGICAL DESCRIPTION
W. Dease #1 1915'	1915.0	0.181	7.51	2670	Sst,gry,wl-ind,vfgr,wlsrt,slty

FILE: 52132-08-6055

COMPANY:	Talisman Energy Inc.	FORMATION:	Albian - Torok
WELL:	Drew Point #1	FIELD:	NA
LOCATION:	NA	COUNTRY:	Alaska

CONVERSIONS USED FOR CALCULATION OF PORE SIZE, RESERVOIR CAPILLARY PRESSURE AND HEIGHT ABOVE WATER

Mercury IFT, dynes/cm:	480
Mercury Contact Angle, degrees:	140
Reservoir Hydrocarbon IFT,dynes/cm:	25
Reservoir Contact Angle, degrees:	30
Ratio of Reservoir/Lab IFTxCOS(Contact Angle):	0.059
Hydrocarbon Density Gradient, psi/ft:	0.366
Water Density Gradient, psi/ft:	0.431

ALASKA SUMMARY OF MERCURY INJECTION CAPILLARY PRESSURE RESULTS

		AMBIENT CONDITION					
SAMPLE	DEPTH feet	POROSITY fraction	AIR PERMEABILITY millidarcies	MERCURY THRESHOLD PRESSURE psia	MINIMUM WETTING PHASE SATURATION AT 2020 psia fraction Vp	MEDIAN PORE THROAT RADIUS microns	BIMODAL yes/no
Drew Point #1 5904'	5904.0	0.084	0.05	570	0.483	0.057	uni-modal

FILE: 52132-08-6055

COMPANY:	Talisman Energy Inc.	FORMATION:	Albian - Torok
WELL:	East Simpson #1	FIELD:	NA
LOCATION:	NA	COUNTRY:	Alaska

CONVERSIONS USED FOR CALCULATION OF PORE SIZE, RESERVOIR CAPILLARY PRESSURE AND HEIGHT ABOVE WATER

Mercury IFT, dynes/cm:	480
Mercury Contact Angle, degrees:	140
Reservoir Hydrocarbon IFT,dynes/cm:	25
Reservoir Contact Angle, degrees:	30
Ratio of Reservoir/Lab IFTxCOS(Contact Angle):	0.059
Hydrocarbon Density Gradient, psi/ft:	0.368
Water Density Gradient, psi/ft:	0.432

ALASKA SUMMARY OF MERCURY INJECTION CAPILLARY PRESSURE RESULTS

		AMBIENT CONDITION					
SAMPLE	DEPTH feet	POROSITY fraction	AIR PERMEABILITY millidarcies	MERCURY THRESHOLD PRESSURE psia	MINIMUM WETTING PHASE SATURATION AT 2020 psia fraction Vp	MEDIAN PORE THROAT RADIUS microns	BIMODAL yes/no
East Simpson #1 5130'	5130.0	0.106	0.13	370	0.388	0.086	uni-modal

FILE: 52132-08-6055

COMPANY:	Talisman Energy Inc.	FORMATION:	Albian - Nanushuk
WELL:	East Simpson #2	FIELD:	NA
LOCATION:	NA	COUNTRY:	Alaska

CONVERSIONS USED FOR CALCULATION OF PORE SIZE, RESERVOIR CAPILLARY PRESSURE AND HEIGHT ABOVE WATER

Mercury IFT, dynes/cm:	480
Mercury Contact Angle, degrees:	140
Reservoir Hydrocarbon IFT,dynes/cm:	25
Reservoir Contact Angle, degrees:	30
Ratio of Reservoir/Lab IFTxCOS(Contact Angle):	0.059
Hydrocarbon Density Gradient, psi/ft:	0.376
Water Density Gradient, psi/ft:	0.437

ALASKA SUMMARY OF MERCURY INJECTION CAPILLARY PRESSURE RESULTS

		AMBIENT CONDITION					
SAMPLE	DEPTH feet	POROSITY fraction	AIR PERMEABILITY millidarcies	MERCURY THRESHOLD PRESSURE psia	MINIMUM WETTING PHASE SATURATION AT 2020 psia fraction Vp	MEDIAN PORE THROAT RADIUS microns	BIMODAL yes/no
East Simpson #2 2388'	2388.0	0.290	103	11.5	0.084	6.260	uni-modal
East Simpson #2 2392'	2392.0	0.281	776	14.4	0.120	4.980	uni-modal
East Simpson #2 2395.5'	2395.5	0.265	660	20.3	0.236	1.800	uni-modal
East Simpson #2 2399.5'	2399.5	0.213	3.29	53.2	0.185	0.477	uni-modal
East Simpson #2 2405'	2405.0	0.263	67.6	20.3	0.274	1.160	uni-modal

		FILE:	52132-08-6055
COMPANY:	Talisman Energy Inc.	FORMATION:	Albian - Torok
WELL:	East Simpson #2	FIELD:	NA
LOCATION:	NA	COUNTRY:	Alaska

CONVERSIONS USED FOR CALCULATION OF PORE SIZE, RESERVOIR CAPILLARY PRESSURE AND HEIGHT ABOVE WATER

Mercury IFT, dynes/cm:	480
Mercury Contact Angle, degrees:	140
Reservoir Hydrocarbon IFT,dynes/cm:	25
Reservoir Contact Angle, degrees:	30
Ratio of Reservoir/Lab IFTxCOS(Contact Angle):	0.059
Hydrocarbon Density Gradient, psi/ft:	0.365
Water Density Gradient, psi/ft:	0.430

ALASKA SUMMARY OF MERCURY INJECTION CAPILLARY PRESSURE RESULTS

		AMBIENT CONDITION					
SAMPLE	DEPTH feet	POROSITY fraction	AIR PERMEABILITY millidarcies	MERCURY THRESHOLD PRESSURE psia	MINIMUM WETTING PHASE SATURATION AT 2020 psia fraction Vp	MEDIAN PORE THROAT RADIUS microns	BIMODAL yes/no
East Simpson #2 6064'	6064.0	0.145	0.77	110	0.264	0.284	uni-modal
East Simpson #2 6066.5'	6066.5	0.137	2.78	120	0.314	0.202	uni-modal
East Simpson #2 6070'	6070.0	0.137	0.90	92.5	0.235	0.355	uni-modal
East Simpson #2 6073'	6073.0	0.136	44.8	140	0.276	0.223	uni-modal
East Simpson #2 6075.5'	6075.5	0.154	1.20	79.4	0.199	0.433	uni-modal
East Simpson #2 6076'	6076.0	0.159	0.84	79.6	0.214	0.393	uni-modal

FILE: 52132-08-6055

COMPANY:	Talisman Energy Inc.	FORMATION:	Albian - Torok
WELL:	Ikpikpuk #1	FIELD:	NA
LOCATION:	NA	COUNTRY:	Alaska

CONVERSIONS USED FOR CALCULATION OF PORE SIZE, RESERVOIR CAPILLARY PRESSURE AND HEIGHT ABOVE WATER

Mercury IFT, dynes/cm:	480
Mercury Contact Angle, degrees:	140
Reservoir Hydrocarbon IFT,dynes/cm:	25
Reservoir Contact Angle, degrees:	30
Ratio of Reservoir/Lab IFTxCOS(Contact Angle):	0.059
Hydrocarbon Density Gradient, psi/ft:	0.362
Water Density Gradient, psi/ft:	0.428

ALASKA SUMMARY OF MERCURY INJECTION CAPILLARY PRESSURE RESULTS

		AMBIENT CONDITION					
SAMPLE	DEPTH feet	POROSITY fraction	AIR PERMEABILITY millidarcies	MERCURY THRESHOLD PRESSURE psia	MINIMUM WETTING PHASE SATURATION AT 2020 psia fraction Vp	MEDIAN PORE THROAT RADIUS microns	BIMODAL yes/no
Ikpikpuk #1 7141.5'	7141.5	0.127	324	330	0.338	0.141	uni-modal

FILE: 52132-08-6055

COMPANY:	Talisman Energy Inc.	FORMATION:	Albian - Torok
WELL:	J.W. Dalton#1	FIELD:	NA
LOCATION:	NA	COUNTRY:	Alaska

CONVERSIONS USED FOR CALCULATION OF PORE SIZE, RESERVOIR CAPILLARY PRESSURE AND HEIGHT ABOVE WATER

Mercury IFT, dynes/cm:	480
Mercury Contact Angle, degrees:	140
Reservoir Hydrocarbon IFT,dynes/cm:	25
Reservoir Contact Angle, degrees:	30
Ratio of Reservoir/Lab IFTxCOS(Contact Angle):	0.059
Hydrocarbon Density Gradient, psi/ft:	0.369
Water Density Gradient, psi/ft:	0.433

ALASKA SUMMARY OF MERCURY INJECTION CAPILLARY PRESSURE RESULTS

		AMBIENT CONDITION					
SAMPLE	DEPTH feet	POROSITY fraction	AIR PERMEABILITY millidarcies	MERCURY THRESHOLD PRESSURE psia	MINIMUM WETTING PHASE SATURATION AT 2020 psia fraction Vp	MEDIAN PORE THROAT RADIUS microns	BIMODAL yes/no
J.W. Dalton #1 4693.5'	4693.5	0.196	12.8	46.3	0.343	0.223	multi-modal
J.W. Dalton #1 4697.5'	4697.5	0.195	135	17.3	0.283	0.391	multi-modal

FILE: 52132-08-6055

COMPANY:	Talisman Energy Inc.	FORMATION:	Albian - Torok
WELL:	Seabee #1	FIELD:	NA
LOCATION:	NA	COUNTRY:	Alaska

CONVERSIONS USED FOR CALCULATION OF PORE SIZE, RESERVOIR CAPILLARY PRESSURE AND HEIGHT ABOVE WATER

Mercury IFT, dynes/cm:	480
Mercury Contact Angle, degrees:	140
Reservoir Hydrocarbon IFT,dynes/cm:	25
Reservoir Contact Angle, degrees:	30
Ratio of Reservoir/Lab IFTxCOS(Contact Angle):	0.059
Hydrocarbon Density Gradient, psi/ft:	0.369
Water Density Gradient, psi/ft:	0.433

ALASKA SUMMARY OF MERCURY INJECTION CAPILLARY PRESSURE RESULTS

		AMBIENT CONDITION					
SAMPLE	DEPTH feet	POROSITY fraction	AIR PERMEABILITY millidarcies	MERCURY THRESHOLD PRESSURE psia	MINIMUM WETTING PHASE SATURATION AT 2020 psia fraction Vp	MEDIAN PORE THROAT RADIUS microns	BIMODAL yes/no
Seabee #1 5392'	5392.0	0.145	0.27	46.1	0.281	0.278	multi-modal
Seabee #1 5396'	5396.0	0.087	0.48	2010	1.000	0.014	uni-modal

FILE: 52132-08-6055

COMPANY:	Talisman Energy Inc.	FORMATION:	Albian - Torok
WELL:	Topogoruk #1	FIELD:	NA
LOCATION:	NA	COUNTRY:	Alaska

CONVERSIONS USED FOR CALCULATION OF PORE SIZE, RESERVOIR CAPILLARY PRESSURE AND HEIGHT ABOVE WATER

Mercury IFT, dynes/cm:	480
Mercury Contact Angle, degrees:	140
Reservoir Hydrocarbon IFT,dynes/cm:	25
Reservoir Contact Angle, degrees:	30
Ratio of Reservoir/Lab IFTxCOS(Contact Angle):	0.059
Hydrocarbon Density Gradient, psi/ft:	0.366
Water Density Gradient, psi/ft:	0.431

ALASKA SUMMARY OF MERCURY INJECTION CAPILLARY PRESSURE RESULTS

		AMBIENT CONDITION					
SAMPLE	DEPTH feet	POROSITY fraction	AIR PERMEABILITY millidarcies	MERCURY THRESHOLD PRESSURE psia	MINIMUM WETTING PHASE SATURATION AT 2020 psia fraction Vp	MEDIAN PORE THROAT RADIUS microns	BIMODAL yes/no
Topogoruk #1 5974'	5974.0	0.115	13.2	330	0.305	0.133	uni-modal

MERCURY INJECTION DATA SUMMARY

Company:	Talisman Energy Inc.	Sample Number:	Drew Point #1 (5904')
Well:	Drew Point #1	Depth, feet:	5904.0
Field:	N/A	Air Permeability, mD:	0.05
Formation:	Albian - Torok	Porosity, fraction:	0.084
Country:	Alaska	File Number:	52132-08-6055

Injection Pressure, psia	Mercury Saturation, fraction	1.0-Mercury Saturation, fraction	Pore Radius, microns	J Function	Conversion to Other Laboratory Fluid Systems, psia			Est'd Height, feet Above Free Water	
					G-W	G-O	O-W	G-W	O-W
0.80	0.000	1.000	136	0.000363	0.152	0.052	0.066	N/A	0.72
0.90	0.000	1.000	120.0	0.000409	0.171	0.059	0.074	N/A	0.81
1.04	0.000	1.000	104.0	0.000475	0.199	0.068	0.086	N/A	0.95
1.20	0.000	1.000	89.8	0.000548	0.229	0.079	0.099	N/A	1.09
1.39	0.000	1.000	77.6	0.000634	0.265	0.091	0.115	N/A	1.26
1.6	0.000	1.000	67.8	0.000726	0.304	0.104	0.132	N/A	1.45
1.8	0.000	1.000	59.2	0.000832	0.348	0.119	0.151	N/A	1.66
2.1	0.000	1.000	52.1	0.000944	0.395	0.135	0.171	N/A	1.88
2.4	0.000	1.000	44.90	0.0011	0.458	0.157	0.198	N/A	2.2
2.8	0.000	1.000	39.20	0.00125	0.525	0.180	0.23	N/A	2.5
3.2	0.000	1.000	33.90	0.00145	0.607	0.208	0.26	N/A	2.9
3.6	0.000	1.000	29.90	0.00164	0.687	0.236	0.30	N/A	3.3
4.2	0.000	1.000	25.90	0.0019	0.795	0.273	0.34	N/A	3.8
4.8	0.000	1.000	22.70	0.00217	0.908	0.311	0.39	N/A	4.3
5.6	0.000	1.000	19.30	0.00255	1.07	0.366	0.46	N/A	5.1
6.3	0.000	1.000	17.10	0.00288	1.21	0.414	0.52	N/A	5.7
7.4	0.000	1.000	14.70	0.00335	1.40	0.48	0.61	N/A	6.7
8.6	0.000	1.000	12.50	0.00393	1.65	0.564	0.71	N/A	7.8
10.1	0.000	1.000	10.70	0.00459	1.9	0.659	0.83	N/A	9.1
11.5	0.000	1.000	9.38	0.00525	2.2	0.753	0.95	N/A	10.4
13.0	0.000	1.000	8.34	0.0059	2.5	0.846	1.07	N/A	11.7
14.4	0.000	1.000	7.500	0.00656	2.7	0.941	1.19	N/A	13.1
17.3	0.000	1.000	6.250	0.00788	3.3	1.13	1.4	N/A	15.7
20.3	0.000	1.000	5.330	0.00923	3.9	1.3	1.7	N/A	18.3
23.2	0.000	1.000	4.660	0.0105	4.4	1.5	1.9	N/A	21.0
26.0	0.000	1.000	4.150	0.0118	5.0	1.7	2.2	N/A	23.6
30.4	0.000	1.000	3.560	0.0138	5.8	2.0	2.5	N/A	27.4
34.7	0.000	1.000	3.110	0.0158	6.62	2.3	2.9	N/A	31.4
39.0	0.000	1.000	2.770	0.0178	7.43	2.6	3.2	N/A	35.3
46.4	0.000	1.000	2.330	0.0211	8.83	3.0	3.8	N/A	41.9
52.1	0.000	1.000	2.0800	0.0237	9.92	3.4	4.29	N/A	47.1
60.8	0.000	1.000	1.7800	0.0277	11.6	3.97	5.01	N/A	55.0
69.5	0.000	1.000	1.5600	0.0316	13.2	4.54	5.73	N/A	62.9
79.7	0.000	1.000	1.3600	0.0363	15.2	5.2	6.57	N/A	72.1
92.5	0.000	1.000	1.1700	0.0421	17.6	6.04	7.63	N/A	83.7
110	0.000	1.000	1.0200	0.048	20.1	6.88	8.69	N/A	95.4
120	0.000	1.000	0.8900	0.0553	23.1	7.93	10	N/A	110.0
140	0.000	1.000	0.7720	0.0637	26.7	9.14	11.5	N/A	126.0
160	0.000	1.000	0.6690	0.0736	30.8	10.6	13.3	N/A	146.0
190	0.000	1.000	0.5800	0.0849	35.5	12.2	15.4	N/A	169.0
210	0.000	1.000	0.5060	0.0972	40.7	13.9	17.6	N/A	193.0
250	0.000	1.000	0.4400	0.112	46.7	16	20.2	N/A	222

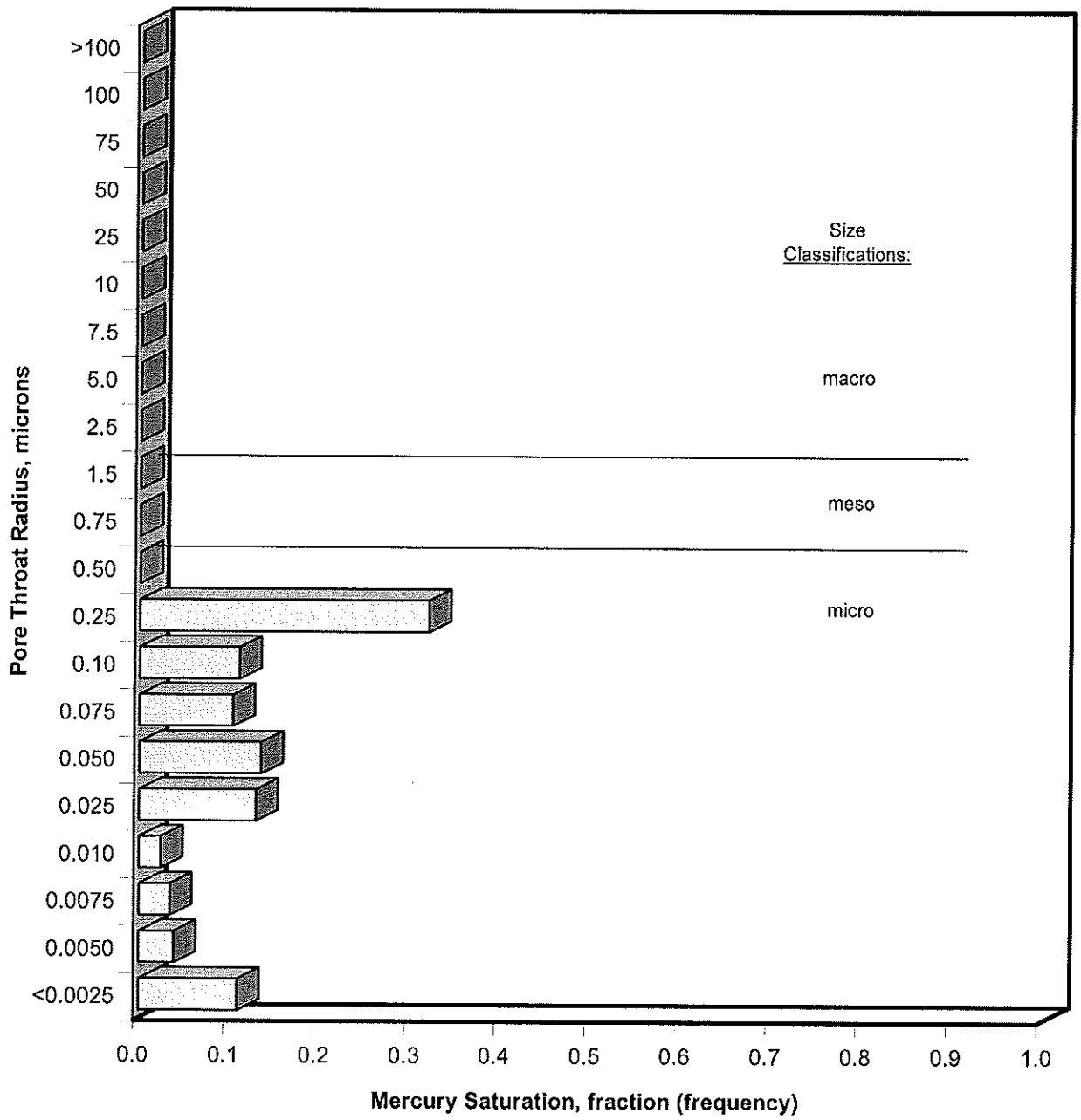
MERCURY INJECTION DATA SUMMARY

Company:	Talisman Energy Inc.	Sample Number:	Drew Point #1 (5904')
Well:	Drew Point #1	Depth, feet:	5904.0
Field:	N/A	Air Permeability, mD:	0.05
Formation:	Albian - Torok	Porosity, fraction:	0.084
Country:	Alaska	File Number:	52132-08-6055

Injection Pressure, psia	Mercury Saturation, fraction	1.0-Mercury Saturation, fraction	Pore Radius, microns	J Function	Conversion to Other Laboratory Fluid Systems, psia			Est'd Height, feet Above Free Water	
					G-W	G-O	O-W	G-W	O-W
280	0.000	1.000	0.3820	0.129	53.9	18.5	23.3	N/A	256
320	0.000	1.000	0.3330	0.148	61.9	21.2	26.8	N/A	294
370	0.000	1.000	0.2880	0.171	71.3	24.5	30.9	N/A	339
430	0.000	1.000	0.2510	0.196	82.1	28.2	35.6	N/A	391
500	0.000	1.000	0.2180	0.226	94.5	32.4	40.9	N/A	449
570	0.000	1.000	0.1900	0.26	109	37.2	47	N/A	516
660	0.018	0.982	0.1650	0.299	125	42.8	54.1	N/A	594
760	0.064	0.936	0.1430	0.344	144	49.3	62.3	N/A	684
870	0.178	0.822	0.1240	0.397	166	56.9	71.9	N/A	789
1000	0.280	0.720	0.1080	0.456	191	65.4	82.5	N/A	905
1150	0.350	0.650	0.0940	0.524	219	75.1	94.8	N/A	1040
1320	0.403	0.597	0.0817	0.602	252	86.4	109	N/A	1200
1520	0.447	0.553	0.0709	0.694	290	99.5	126	N/A	1380
1750	0.482	0.518	0.0617	0.798	334	114	144	N/A	1580
2020	0.517	0.483	0.0536	0.918	384	132	166	N/A	1820
2320	0.549	0.451	0.0466	1.06	442	152	191	N/A	2100
2670	0.575	0.425	0.0405	1.21	508	174	220	N/A	2410
3070	0.607	0.393	0.0352	1.4	585	201	253	N/A	2780
3530	0.631	0.369	0.0306	1.61	672	231	291	N/A	3190
4070	0.657	0.343	0.0266	1.85	774	265	335	N/A	3680
4680	0.680	0.320	0.0231	2.13	890	305	386	N/A	4240
5380	0.703	0.297	0.0201	2.45	1020	351	444	N/A	4870
6200	0.727	0.273	0.0174	2.82	1180	405	511	N/A	5610
7130	0.744	0.256	0.0152	3.25	1360	466	588	N/A	6450
8210	0.765	0.235	0.0132	3.74	1560	536	677	N/A	7430
9440	0.779	0.221	0.0115	4.3	1800	616	778	N/A	8540
10860	0.797	0.203	0.0100	4.94	2070	709	895	N/A	9820
12490	0.809	0.191	0.0087	5.69	2380	815	1030	N/A	11300
14420	0.820	0.180	0.0075	6.56	2750	941	1190	N/A	13100
16570	0.835	0.165	0.0065	7.54	3150	1080	1370	N/A	15000
19040	0.844	0.156	0.0057	8.67	3630	1240	1570	N/A	17200
21900	0.855	0.145	0.0049	9.97	4170	1430	1810	N/A	19900
25210	0.864	0.136	0.0043	11.5	4800	1650	2080	N/A	22800
29000	0.873	0.127	0.0037	13.2	5520	1890	2390	N/A	26200
33380	0.882	0.118	0.0032	15.2	6350	2180	2750	N/A	30200
38480	0.890	0.110	0.0028	17.5	7330	2510	3170	N/A	34800
44240	0.893	0.107	0.0024	20.1	8420	2890	3650	N/A	40100

MERCURY INJECTION CAPILLARY PRESSURE

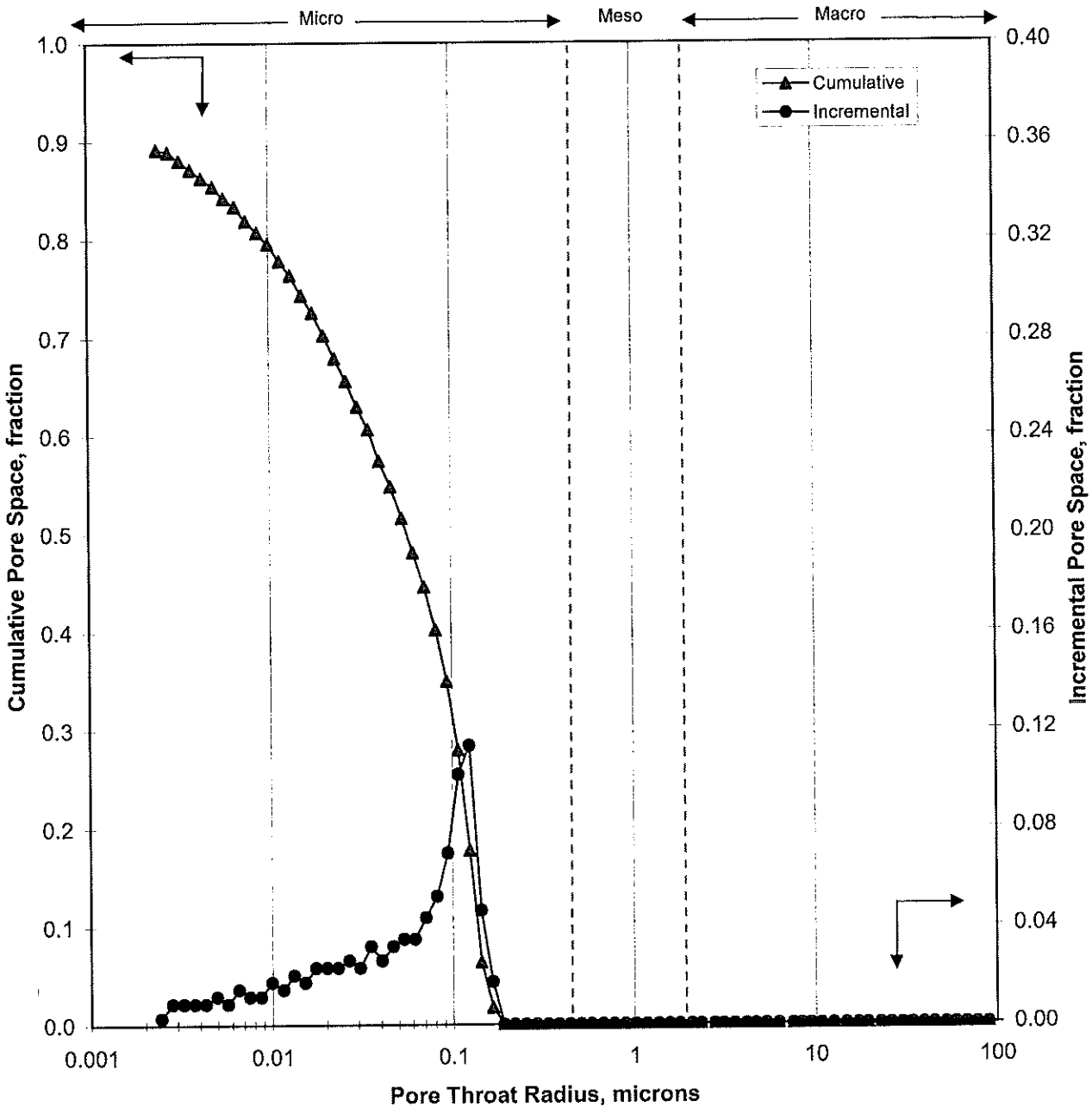
COMPANY:	Talisman Energy Inc.	FILE:	52132-08-6055
WELL:	Drew Point #1	FORMATION:	Albian - Torok
Sample:	Drew Point #1 (5904')	Ambient Condition Air Permeability, mD:	0.05
Depth, feet:	5904.0	Ambient Condition Porosity, fraction:	0.084



Median Pore Throat Radius, µm:	0.057	Hydrocarbon Density Gradient, psi/feet:	0.366
		Water Density Gradient, psi/feet:	0.431

MERCURY INJECTION CAPILLARY PRESSURE

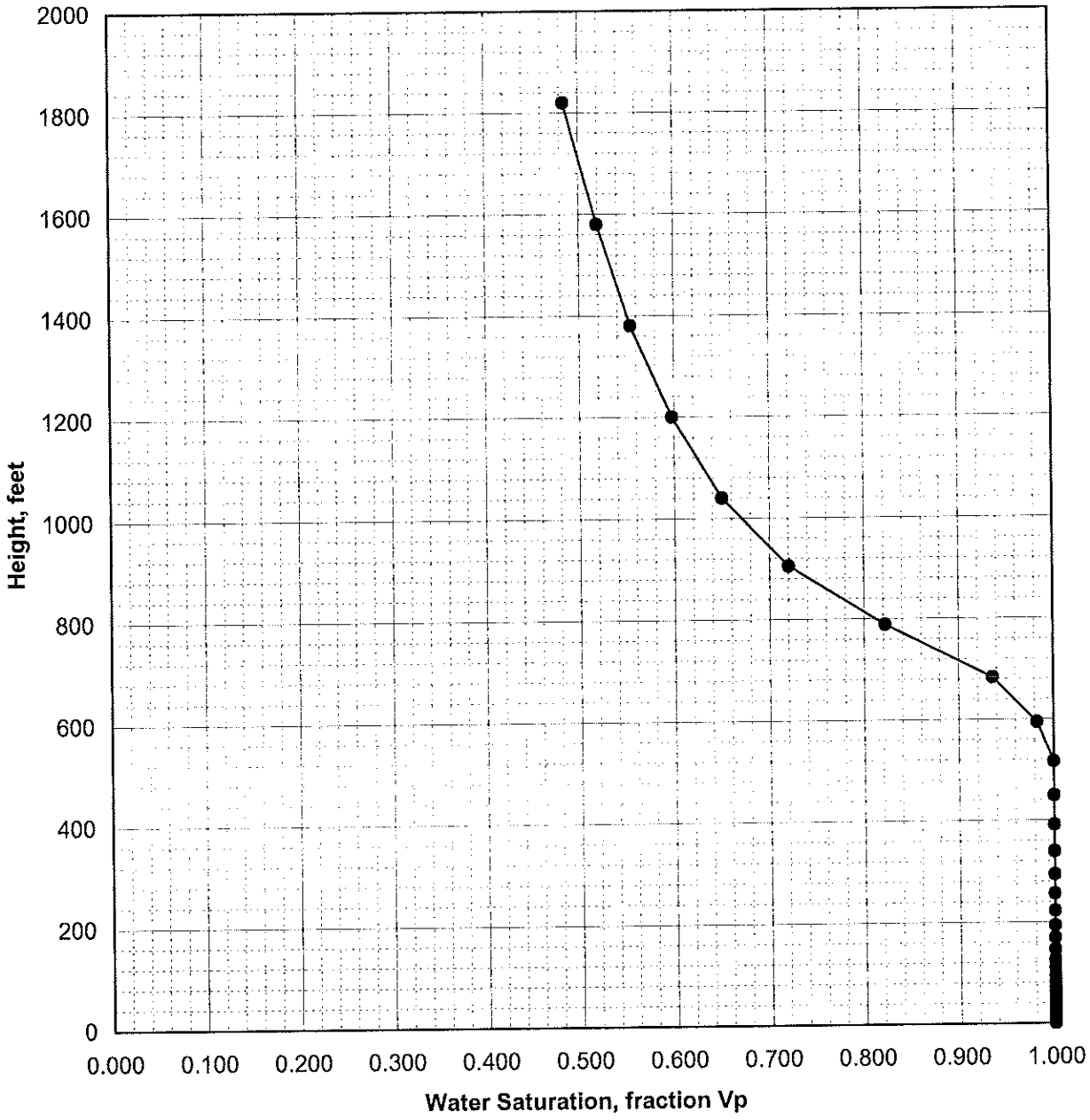
COMPANY:	Talisman Energy Inc.	FILE:	52132-08-6055
WELL:	Drew Point #1	FORMATION:	Albian - Torok
Sample:	Drew Point #1 (5904')	Ambient Condition Air Permeability, mD:	0.05
Depth, feet:	5904.0	Ambient Condition Porosity, fraction:	0.084



Median Pore Throat Radius, µm:	0.057	Hydrocarbon Density Gradient, psi/feet:	0.366
		Water Density Gradient, psi/feet:	0.431

MERCURY INJECTION CAPILLARY PRESSURE

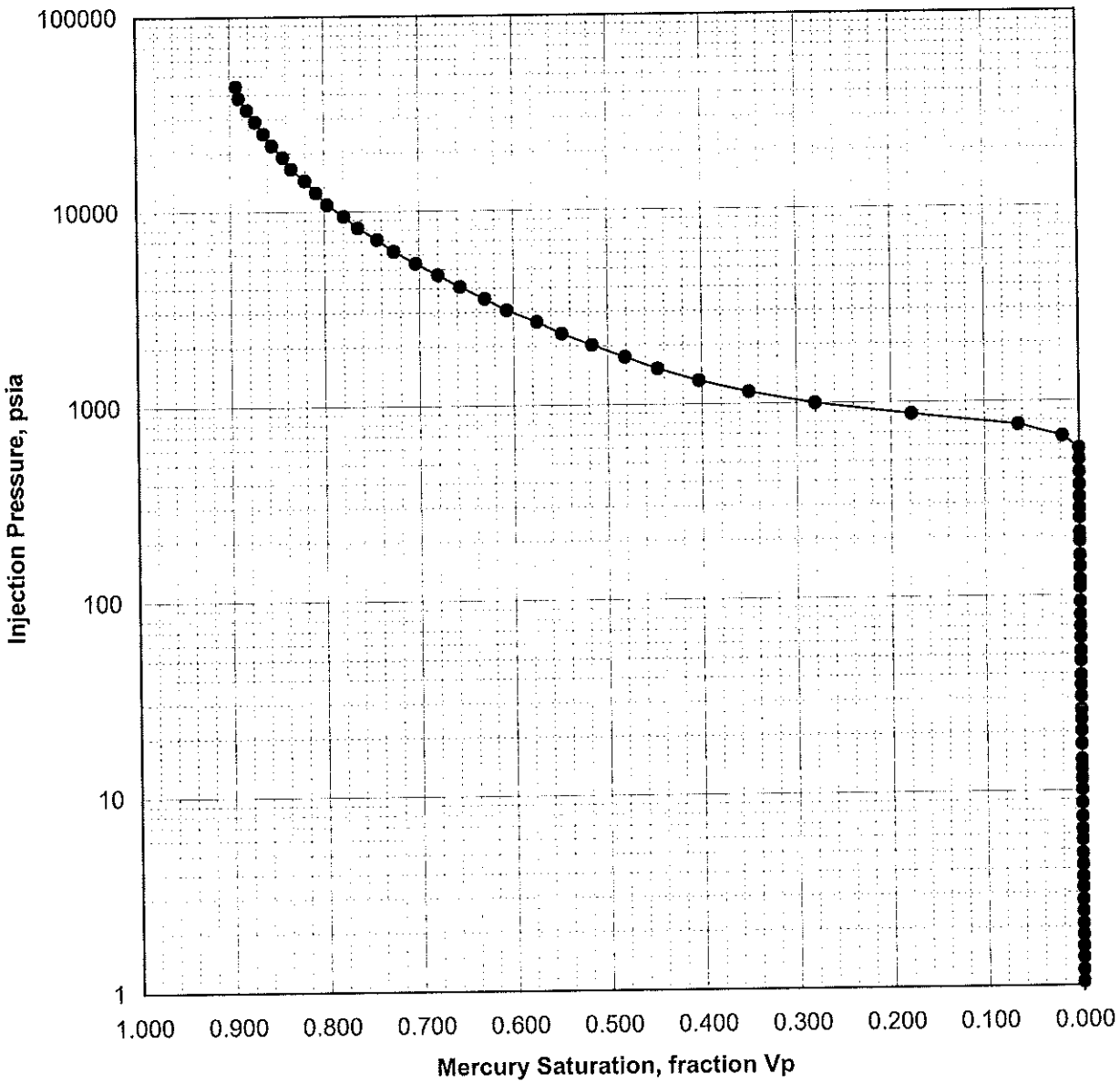
COMPANY:	Talisman Energy Inc.	FILE:	52132-08-6055
WELL:	Drew Point #1	FORMATION:	Albian - Torok
Sample:	Drew Point #1 (5904')	Ambient Condition Air Permeability, mD:	0.05
Depth, feet:	5904.0	Ambient Condition Porosity, fraction:	0.084



Median Pore Throat Radius, µm:	0.057	Hydrocarbon Density Gradient, psi/feet:	0.366
		Water Density Gradient, psi/feet:	0.431

MERCURY INJECTION CAPILLARY PRESSURE

COMPANY:	Talisman Energy Inc.	FILE:	52132-08-6055
WELL:	Drew Point #1	FORMATION:	Albian - Torok
Sample:	Drew Point #1 (5904')	Ambient Condition Air Permeability, mD:	0.05
Depth, feet:	5904.0	Ambient Condition Porosity, fraction:	0.084



Median Pore Throat Radius, µm:	0.057	Hydrocarbon Density Gradient, psi/feet:	0.366
		Water Density Gradient, psi/feet:	0.431

Core Laboratories
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MERCURY INJECTION DATA SUMMARY

Company:	Talisman Energy Inc.	Sample Number:	East Simpson #1 (5130')
Well:	East Simpson #1	Depth, feet:	5130.0
Field:	N/A	Air Permeability, mD:	0.13
Formation:	Albian - Torok	Porosity, fraction:	0.106
Country:	Alaska	File Number:	52132-08-6055

Injection Pressure, psia	Mercury Saturation, fraction	1.0-Mercury Saturation, fraction	Pore Radius, microns	J Function	Conversion to Other Laboratory Fluid Systems, psia			Est'd Height, feet Above Free Water	
					G-W	G-O	O-W	G-W	O-W
0.78	0.000	1.000	138	0.000512	0.149	0.051	0.065	N/A	0.72
0.91	0.000	1.000	118.0	0.000597	0.174	0.060	0.075	N/A	0.84
1.04	0.000	1.000	104.0	0.000682	0.199	0.068	0.086	N/A	0.96
1.20	0.000	1.000	89.8	0.000786	0.229	0.079	0.099	N/A	1.10
1.39	0.000	1.000	77.6	0.000909	0.265	0.091	0.115	N/A	1.28
1.6	0.000	1.000	68.4	0.00103	0.301	0.103	0.130	N/A	1.45
1.8	0.000	1.000	59.6	0.00118	0.345	0.118	0.149	N/A	1.66
2.1	0.000	1.000	51.4	0.00137	0.40	0.137	0.173	N/A	1.93
2.4	0.000	1.000	44.90	0.00157	0.458	0.157	0.198	N/A	2.2
2.8	0.000	1.000	39.20	0.0018	0.525	0.180	0.23	N/A	2.5
3.2	0.000	1.000	33.90	0.00208	0.607	0.208	0.26	N/A	2.9
3.6	0.000	1.000	29.90	0.00236	0.687	0.236	0.30	N/A	3.3
4.2	0.000	1.000	25.80	0.00274	0.798	0.274	0.35	N/A	3.9
4.8	0.000	1.000	22.70	0.00311	0.906	0.31	0.39	N/A	4.4
5.6	0.000	1.000	19.20	0.00368	1.07	0.367	0.46	N/A	5.2
6.4	0.000	1.000	17.00	0.00415	1.21	0.415	0.52	N/A	5.8
7.4	0.000	1.000	14.70	0.0048	1.40	0.48	0.61	N/A	6.7
8.6	0.000	1.000	12.50	0.00565	1.65	0.564	0.71	N/A	7.9
10.1	0.000	1.000	10.70	0.00659	1.9	0.659	0.83	N/A	9.3
11.5	0.000	1.000	9.36	0.00754	2.2	0.754	0.95	N/A	10.6
13.0	0.000	1.000	8.33	0.00848	2.5	0.847	1.07	N/A	11.9
14.4	0.000	1.000	7.490	0.00943	2.8	0.942	1.19	N/A	13.2
17.4	0.000	1.000	6.220	0.0114	3.3	1.14	1.4	N/A	15.9
20.3	0.000	1.000	5.330	0.0132	3.9	1.3	1.7	N/A	18.6
23.2	0.000	1.000	4.660	0.0151	4.4	1.5	1.9	N/A	21.3
26.3	0.000	1.000	4.120	0.0172	5.0	1.7	2.2	N/A	24.2
30.6	0.000	1.000	3.530	0.02	5.8	2.0	2.5	N/A	28.0
35.0	0.000	1.000	3.090	0.0229	6.66	2.3	2.9	N/A	32.1
39.3	0.000	1.000	2.750	0.0257	7.49	2.6	3.2	N/A	36.1
46.6	0.000	1.000	2.320	0.0304	8.86	3.0	3.8	N/A	42.7
52.4	0.000	1.000	2.0600	0.0342	9.97	3.4	4.32	N/A	48.1
61.0	0.000	1.000	1.7700	0.0398	11.6	3.98	5.02	N/A	55.9
69.6	0.000	1.000	1.5500	0.0454	13.2	4.54	5.74	N/A	63.9
79.7	0.000	1.000	1.3600	0.052	15.2	5.2	6.57	N/A	73.1
92.8	0.000	1.000	1.1700	0.0606	17.7	6.06	7.65	N/A	85.1
110	0.000	1.000	1.0200	0.0691	20.1	6.9	8.71	N/A	96.9
120	0.000	1.000	0.8900	0.0793	23.1	7.93	10	N/A	111.0
140	0.000	1.000	0.7700	0.0917	26.7	9.16	11.6	N/A	129.0
160	0.000	1.000	0.6680	0.106	30.8	10.6	13.3	N/A	148.0
190	0.000	1.000	0.5800	0.122	35.5	12.2	15.4	N/A	171.0
210	0.000	1.000	0.5050	0.14	40.7	14	17.6	N/A	196.0
250	0.000	1.000	0.4400	0.16	46.8	16	20.3	N/A	226

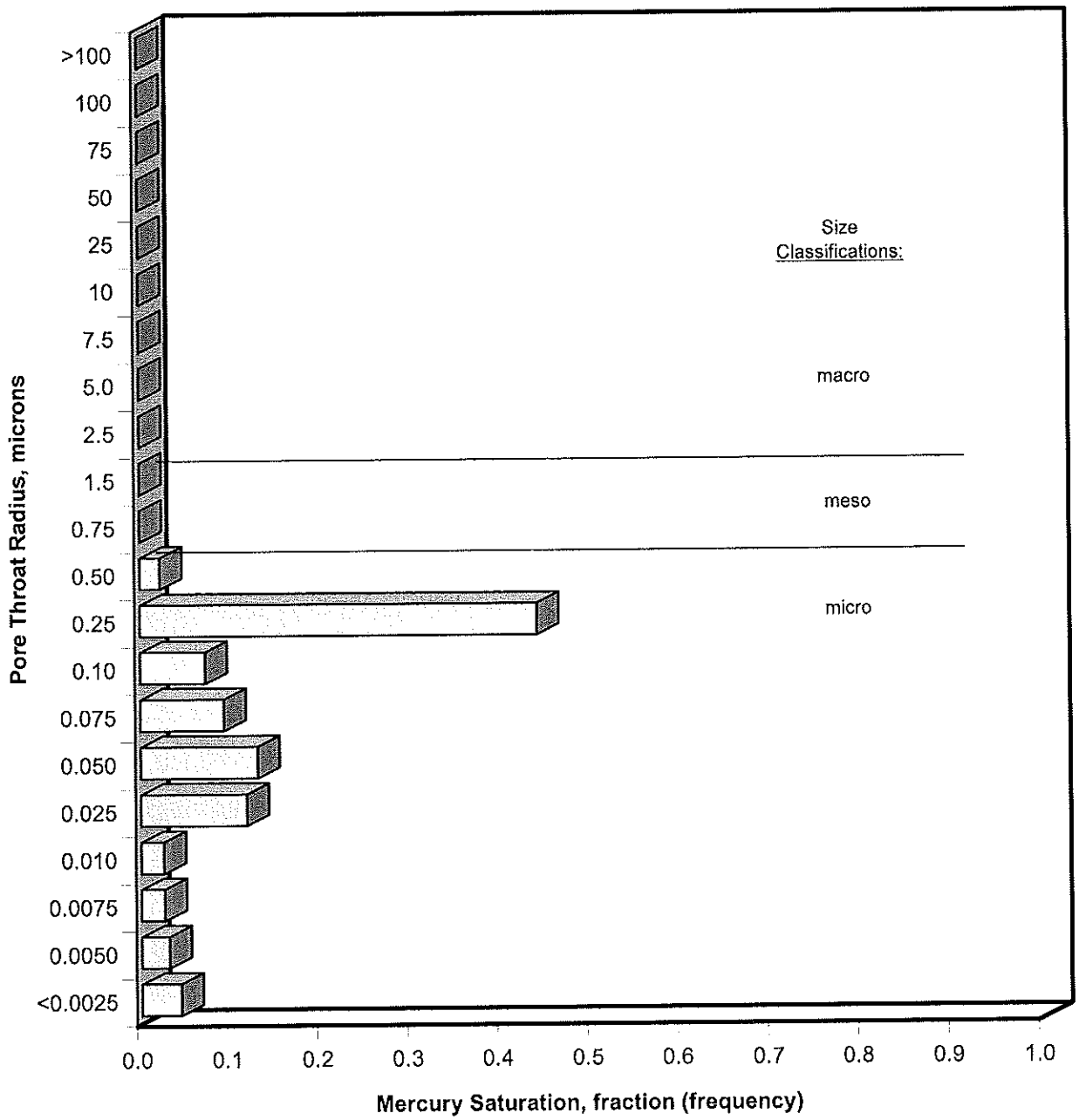
MERCURY INJECTION DATA SUMMARY

Company:	Talisman Energy Inc.	Sample Number:	East Simpson #1 (5130')
Well:	East Simpson #1	Depth, feet:	5130.0
Field:	N/A	Air Permeability, mD:	0.13
Formation:	Albian - Torok	Porosity, fraction:	0.106
Country:	Alaska	File Number:	52132-08-6055

Injection Pressure, psia	Mercury Saturation, fraction	1.0-Mercury Saturation, fraction	Pore Radius, microns	J Function	Conversion to Other Laboratory Fluid Systems, psia			Est'd Height, feet Above Free Water	
					G-W	G-O	O-W	G-W	O-W
280	0.000	1.000	0.3810	0.185	54	18.5	23.4	N/A	260
320	0.000	1.000	0.3330	0.212	61.9	21.2	26.8	N/A	298
370	0.000	1.000	0.2890	0.245	71.3	24.4	30.9	N/A	344
430	0.022	0.978	0.2500	0.283	82.3	28.2	35.7	N/A	397
500	0.094	0.906	0.2180	0.324	94.4	32.4	40.9	N/A	455
570	0.225	0.775	0.1890	0.373	109	37.3	47.1	N/A	524
660	0.303	0.697	0.1640	0.43	125	43	54.3	N/A	604
760	0.354	0.646	0.1430	0.494	144	49.4	62.4	N/A	694
870	0.403	0.597	0.1240	0.568	166	56.8	71.7	N/A	798
1000	0.441	0.559	0.1080	0.653	190	65.3	82.4	N/A	917
1150	0.479	0.521	0.0939	0.752	219	75.2	94.9	N/A	1060
1330	0.514	0.486	0.0814	0.867	253	86.6	109	N/A	1210
1530	0.548	0.452	0.0708	0.997	291	99.6	126	N/A	1400
1750	0.581	0.419	0.0617	1.14	334	114	144	N/A	1600
2020	0.612	0.388	0.0536	1.32	384	132	166	N/A	1850
2320	0.641	0.359	0.0466	1.51	442	151	191	N/A	2130
2670	0.673	0.327	0.0404	1.75	509	175	220	N/A	2450
3070	0.699	0.301	0.0352	2.01	585	200	253	N/A	2820
3540	0.724	0.276	0.0306	2.31	673	231	291	N/A	3240
4070	0.746	0.254	0.0266	2.66	774	265	335	N/A	3730
4690	0.771	0.229	0.0231	3.06	892	306	386	N/A	4300
5400	0.793	0.207	0.0200	3.52	1030	352	445	N/A	4950
6190	0.813	0.187	0.0175	4.05	1180	404	510	N/A	5680
7130	0.831	0.169	0.0152	4.65	1360	465	587	N/A	6530
8220	0.848	0.152	0.0132	5.37	1560	536	677	N/A	7530
9440	0.862	0.138	0.0115	6.17	1800	616	778	N/A	8660
10870	0.875	0.125	0.0100	7.1	2070	709	896	N/A	9970
12510	0.889	0.111	0.0086	8.17	2380	816	1030	N/A	11500
14390	0.900	0.100	0.0075	9.4	2740	939	1190	N/A	13200
16550	0.909	0.091	0.0065	10.8	3150	1080	1360	N/A	15100
19050	0.917	0.083	0.0057	12.4	3630	1240	1570	N/A	17500
21920	0.926	0.074	0.0049	14.3	4170	1430	1810	N/A	20100
25190	0.935	0.065	0.0043	16.5	4790	1640	2080	N/A	23100
29010	0.940	0.060	0.0037	18.9	5520	1890	2390	N/A	26600
33340	0.946	0.054	0.0032	21.8	6350	2180	2750	N/A	30600
38460	0.951	0.049	0.0028	25.1	7320	2510	3170	N/A	35300

MERCURY INJECTION CAPILLARY PRESSURE

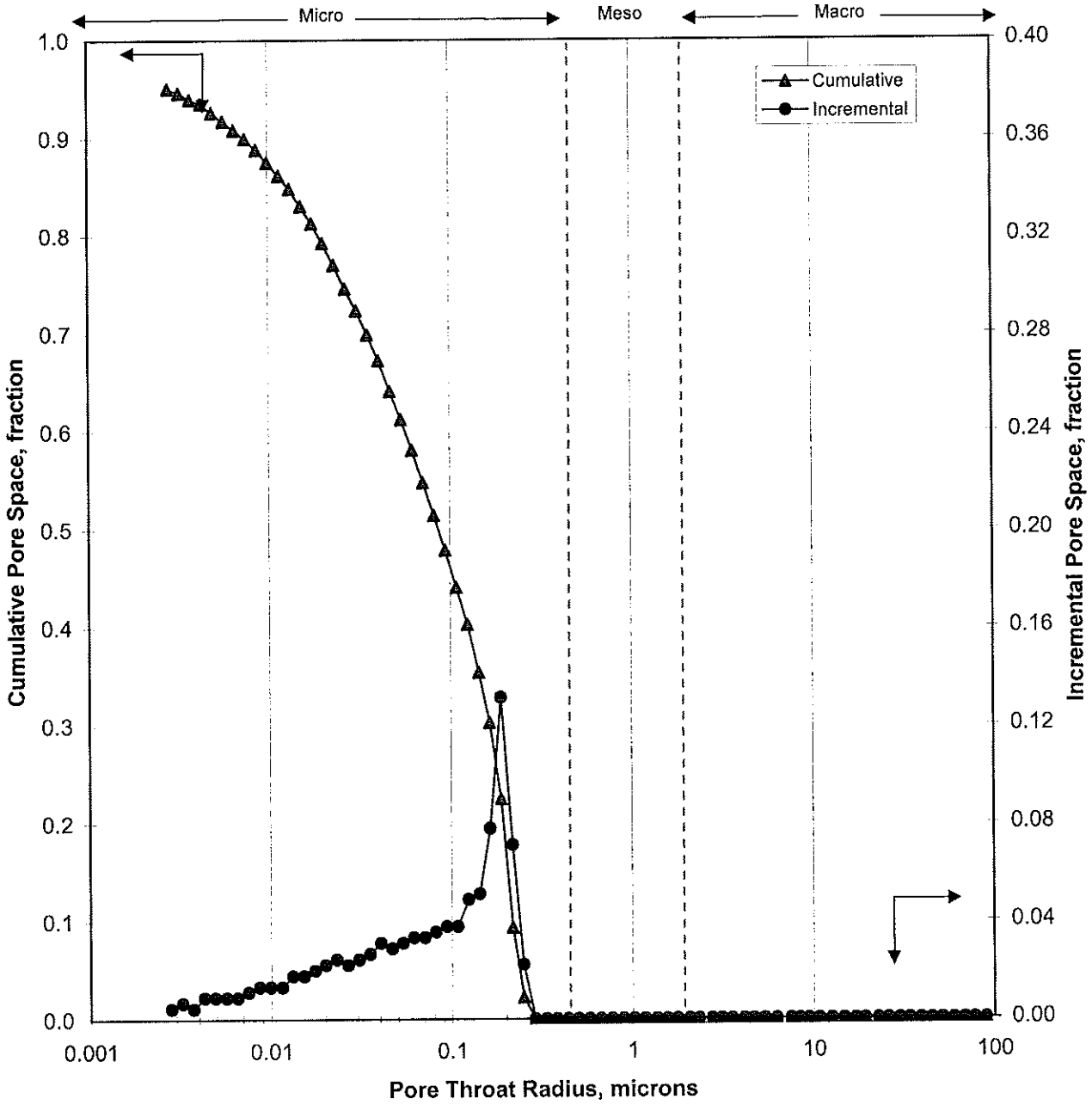
COMPANY:	Talisman Energy Inc.	FILE:	52132-08-6055
WELL:	East Simpson #1	FORMATION:	Albian - Torok
Sample:	East Simpson #1 (5130')	Ambient Condition Air Permeability, mD:	0.13
Depth, feet:	5130.0	Ambient Condition Porosity, fraction:	0.106



Median Pore Throat Radius, µm:	0.086	Hydrocarbon Density Gradient, psi/feet:	0.368
		Water Density Gradient, psi/feet:	0.432

MERCURY INJECTION CAPILLARY PRESSURE

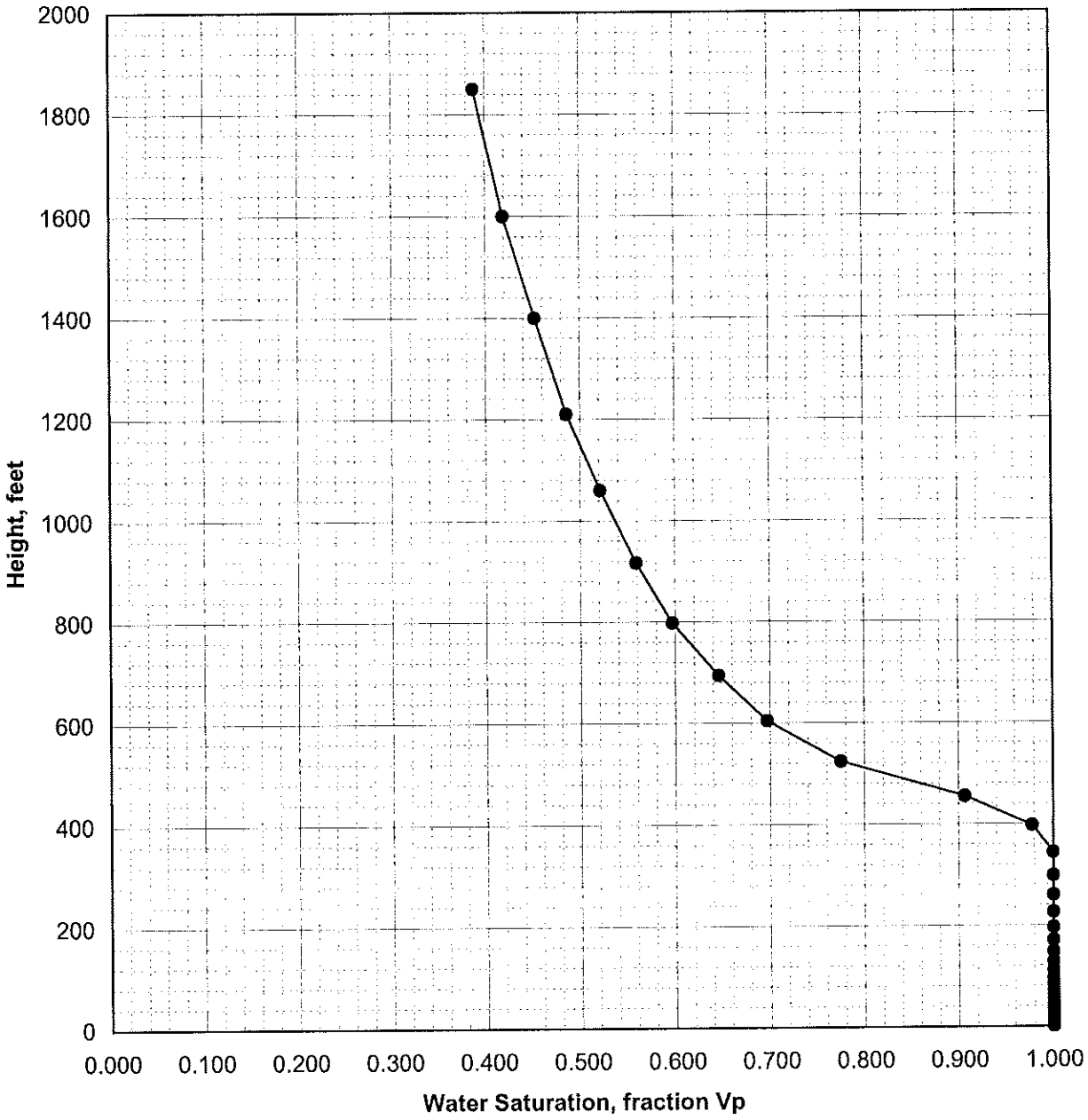
COMPANY:	Talisman Energy Inc.	FILE:	52132-08-6055
WELL:	East Simpson #1	FORMATION:	Albian - Torok
Sample:	East Simpson #1 (5130')	Ambient Condition Air Permeability, mD:	0.13
Depth, feet:	5130.0	Ambient Condition Porosity, fraction:	0.106



Median Pore Throat Radius, µm:	0.086	Hydrocarbon Density Gradient, psi/feet:	0.368
		Water Density Gradient, psi/feet:	0.432

MERCURY INJECTION CAPILLARY PRESSURE

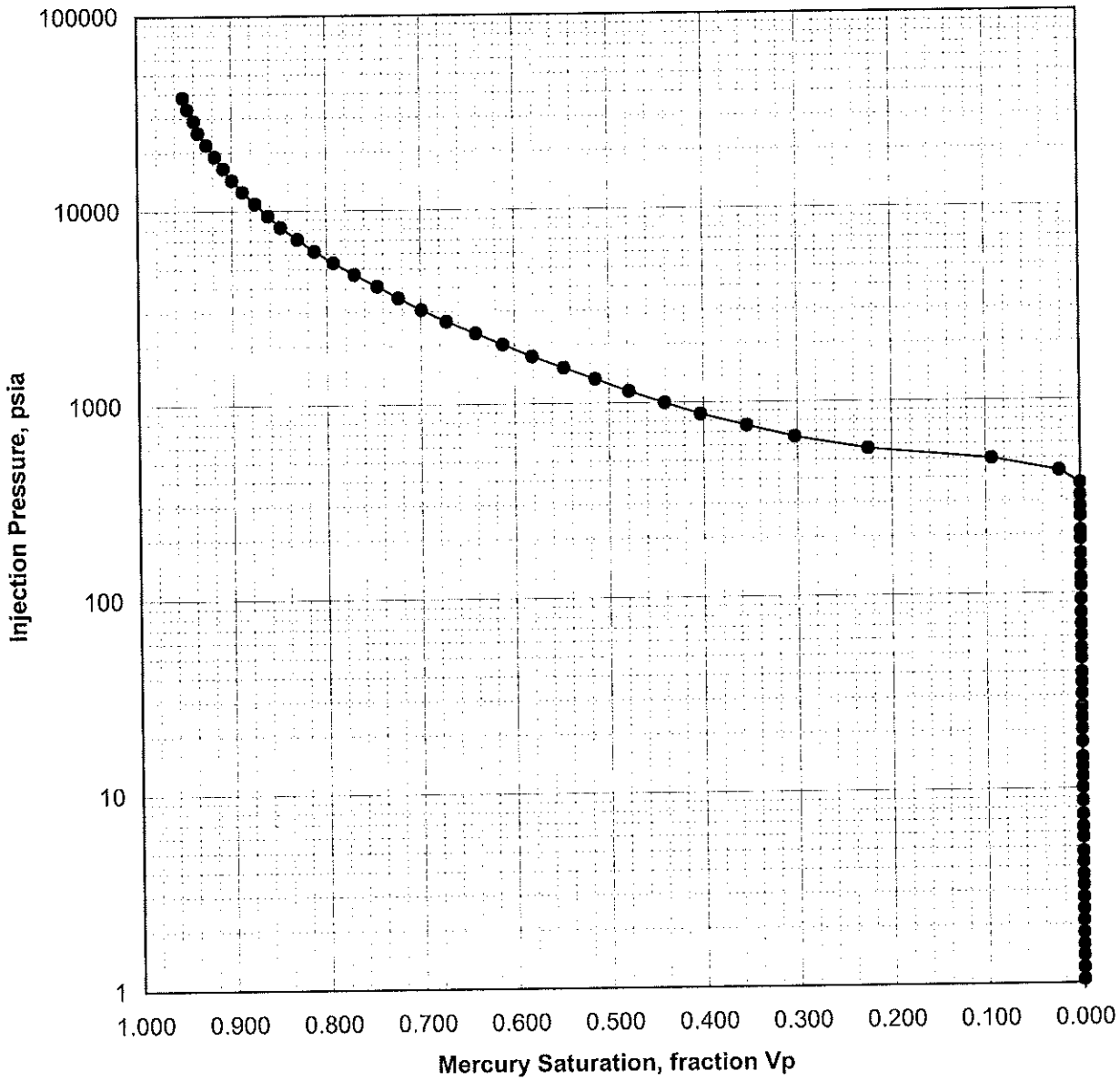
COMPANY:	Talisman Energy Inc.	FILE:	52132-08-6055
WELL:	East Simpson #1	FORMATION:	Albian - Torok
Sample:	East Simpson #1 (5130')	Ambient Condition Air Permeability, mD:	0.13
Depth, feet:	5130.0	Ambient Condition Porosity, fraction:	0.106



Median Pore Throat Radius, µm:	0.086	Hydrocarbon Density Gradient, psi/feet:	0.368
		Water Density Gradient, psi/feet:	0.432

MERCURY INJECTION CAPILLARY PRESSURE

COMPANY:	Talisman Energy Inc.	FILE:	52132-08-6055
WELL:	East Simpson #1	FORMATION:	Albian - Torok
Sample:	East Simpson #1 (5130')	Ambient Condition Air Permeability, mD:	0.13
Depth, feet:	5130.0	Ambient Condition Porosity, fraction:	0.106



Median Pore Throat Radius, µm:	0.086	Hydrocarbon Density Gradient, psi/feet:	0.368
		Water Density Gradient, psi/feet:	0.432

Core Laboratories
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MERCURY INJECTION DATA SUMMARY

Company:	Talisman Energy Inc.	Sample Number:	East Simpson #2 (2388')
Well:	East Simpson #2	Depth, feet:	2388.0
Field:	N/A	Air Permeability, mD:	103
Formation:	Albian - Nanushuk	Porosity, fraction:	0.290
Country:	Alaska	File Number:	52132-08-6055

Injection Pressure, psia	Mercury Saturation, fraction	1.0-Mercury Saturation, fraction	Pore Radius, microns	J Function	Conversion to Other Laboratory Fluid Systems, psia			Est'd Height, feet Above Free Water	
					G-W	G-O	O-W	G-W	O-W
0.80	0.000	1.000	136	0.00887	0.152	0.052	0.066	N/A	0.78
0.90	0.000	1.000	120.0	0.01	0.171	0.059	0.074	N/A	0.87
1.03	0.000	1.000	105.0	0.0115	0.196	0.067	0.085	N/A	1.00
1.20	0.000	1.000	89.8	0.0134	0.229	0.079	0.099	N/A	1.17
1.39	0.000	1.000	77.6	0.0155	0.265	0.091	0.115	N/A	1.36
1.6	0.000	1.000	67.8	0.0177	0.304	0.104	0.132	N/A	1.56
1.8	0.000	1.000	59.2	0.0203	0.348	0.119	0.151	N/A	1.78
2.1	0.000	1.000	51.8	0.0232	0.398	0.136	0.172	N/A	2.03
2.4	0.000	1.000	44.90	0.0268	0.458	0.157	0.198	N/A	2.3
2.7	0.000	1.000	39.40	0.0305	0.522	0.179	0.23	N/A	2.7
3.2	0.000	1.000	34.00	0.0353	0.605	0.207	0.26	N/A	3.1
3.6	0.000	1.000	29.80	0.0403	0.69	0.237	0.30	N/A	3.5
4.2	0.000	1.000	25.80	0.0466	0.798	0.274	0.35	N/A	4.1
4.8	0.000	1.000	22.70	0.0529	0.906	0.31	0.39	N/A	4.6
5.6	0.000	1.000	19.30	0.0624	1.07	0.366	0.46	N/A	5.5
6.3	0.000	1.000	17.10	0.0705	1.21	0.414	0.52	N/A	6.2
7.4	0.000	1.000	14.70	0.082	1.40	0.481	0.61	N/A	7.2
8.6	0.000	1.000	12.50	0.0961	1.65	0.564	0.71	N/A	8.4
10.1	0.000	1.000	10.70	0.112	1.9	0.659	0.83	N/A	9.8
11.5	0.000	1.000	9.36	0.128	2.2	0.754	0.95	N/A	11.2
13.0	0.132	0.868	8.34	0.144	2.5	0.846	1.07	N/A	12.6
14.4	0.309	0.691	7.500	0.16	2.7	0.941	1.19	N/A	14.0
17.4	0.507	0.493	6.220	0.193	3.3	1.14	1.4	N/A	16.9
20.3	0.573	0.427	5.330	0.226	3.9	1.3	1.7	N/A	19.7
23.2	0.610	0.390	4.660	0.258	4.4	1.5	1.9	N/A	22.5
26.0	0.626	0.374	4.160	0.289	5.0	1.7	2.1	N/A	25.2
30.4	0.651	0.349	3.560	0.338	5.8	2.0	2.5	N/A	29.6
34.6	0.668	0.332	3.120	0.385	6.6	2.3	2.9	N/A	33.7
39.0	0.681	0.319	2.770	0.434	7.43	2.6	3.2	N/A	38.0
46.4	0.699	0.301	2.330	0.516	8.84	3.0	3.8	N/A	45.2
52.0	0.708	0.292	2.0800	0.579	9.9	3.4	4.29	N/A	50.6
60.7	0.721	0.279	1.7800	0.676	11.6	3.96	5.01	N/A	59.1
69.4	0.731	0.269	1.5600	0.771	13.2	4.53	5.72	N/A	67.4
79.6	0.742	0.258	1.3600	0.885	15.2	5.2	6.56	N/A	77.3
92.4	0.752	0.248	1.1700	1.03	17.6	6.03	7.62	N/A	89.8
110	0.761	0.239	1.0300	1.17	20.1	6.88	8.69	N/A	102.0
120	0.772	0.228	0.8910	1.35	23.1	7.92	10	N/A	118.0
140	0.782	0.218	0.7710	1.56	26.7	9.15	11.6	N/A	137.0
160	0.792	0.208	0.6680	1.8	30.8	10.6	13.3	N/A	157.0
190	0.801	0.199	0.5790	2.08	35.5	12.2	15.4	N/A	182.0
210	0.809	0.191	0.5060	2.38	40.7	14	17.6	N/A	208.0
250	0.817	0.183	0.4400	2.73	46.8	16	20.3	N/A	239

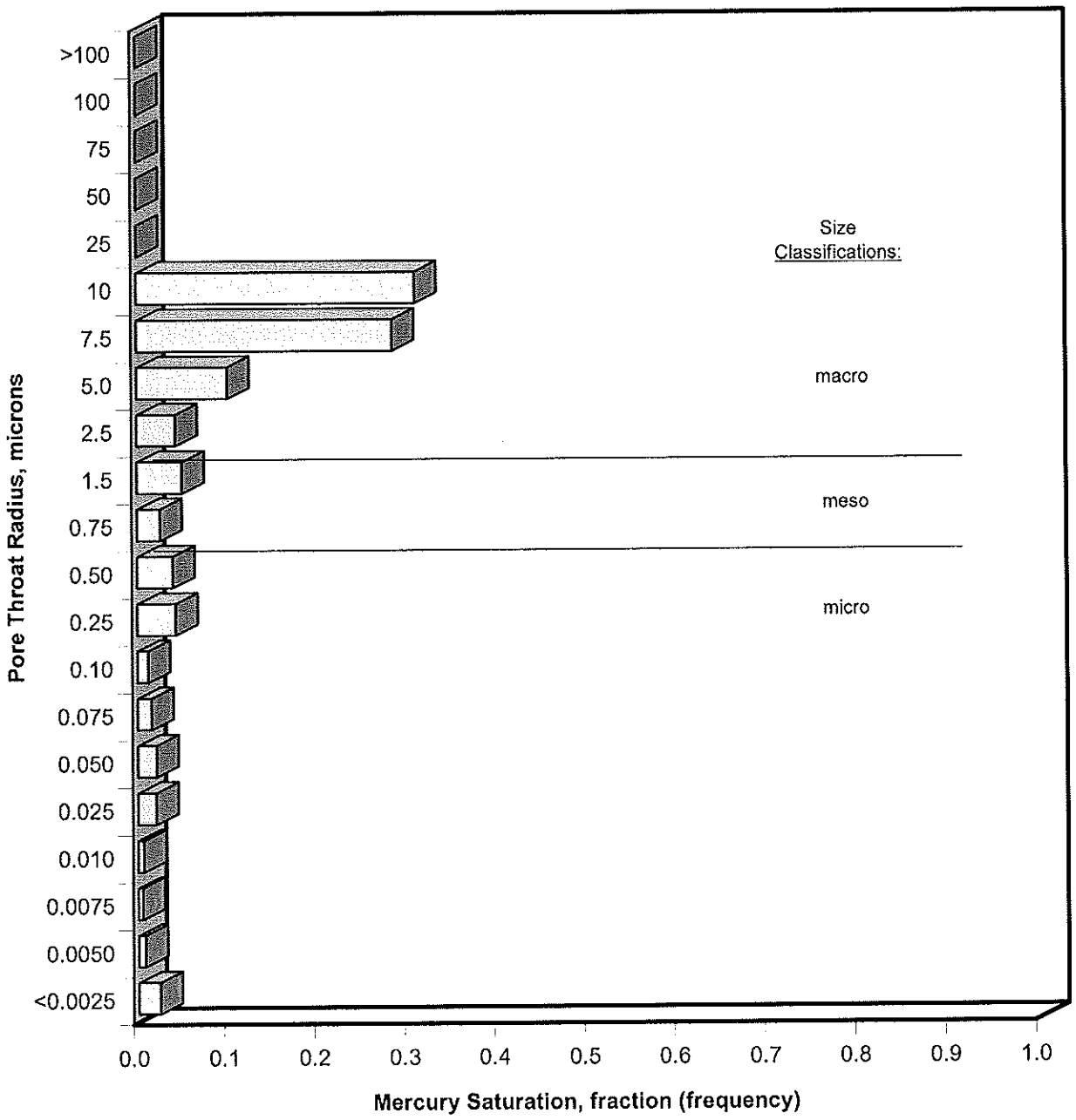
MERCURY INJECTION DATA SUMMARY

Company:	Talisman Energy Inc.	Sample Number:	East Simpson #2 (2388')
Well:	East Simpson #2	Depth, feet:	2388.0
Field:	N/A	Air Permeability, mD:	103
Formation:	Albian - Nanushuk	Porosity, fraction:	0.290
Country:	Alaska	File Number:	52132-08-6055

Injection Pressure, psia	Mercury Saturation, fraction	1.0-Mercury Saturation, fraction	Pore Radius, microns	J Function	Conversion to Other Laboratory Fluid Systems, psia			Est'd Height, feet Above Free Water	
					G-W	G-O	O-W	G-W	O-W
280	0.826	0.174	0.3820	3.15	53.8	18.5	23.3	N/A	275
320	0.835	0.165	0.3330	3.61	61.9	21.2	26.8	N/A	316
370	0.842	0.158	0.2890	4.16	71.2	24.4	30.8	N/A	363
430	0.849	0.151	0.2500	4.81	82.2	28.2	35.6	N/A	420
500	0.857	0.143	0.2180	5.51	94.4	32.4	40.9	N/A	482
570	0.863	0.137	0.1890	6.37	109	37.4	47.2	N/A	557
660	0.870	0.130	0.1650	7.3	125	42.8	54.1	N/A	638
760	0.876	0.124	0.1430	8.41	144	49.4	62.4	N/A	736
870	0.883	0.117	0.1240	9.67	166	56.8	71.7	N/A	845
1000	0.888	0.112	0.1080	11.1	191	65.3	82.5	N/A	973
1150	0.894	0.106	0.0939	12.8	219	75.1	94.9	N/A	1120
1320	0.899	0.101	0.0817	14.7	252	86.4	109	N/A	1290
1520	0.905	0.095	0.0710	16.9	290	99.4	126	N/A	1490
1750	0.910	0.090	0.0617	19.5	334	114	144	N/A	1700
2020	0.916	0.084	0.0536	22.4	384	132	166	N/A	1960
2320	0.920	0.080	0.0465	25.8	442	152	192	N/A	2260
2670	0.925	0.075	0.0405	29.7	509	174	220	N/A	2590
3070	0.930	0.070	0.0352	34.2	585	201	253	N/A	2980
3540	0.933	0.067	0.0306	39.3	673	231	291	N/A	3430
4070	0.937	0.063	0.0265	45.3	775	266	336	N/A	3960
4680	0.940	0.060	0.0231	52.1	891	305	386	N/A	4550
5390	0.944	0.056	0.0201	59.9	1030	352	444	N/A	5230
6210	0.946	0.054	0.0174	69.1	1180	405	512	N/A	6040
7130	0.951	0.049	0.0152	79.3	1360	465	588	N/A	6930
8210	0.954	0.046	0.0132	91.3	1560	536	677	N/A	7980
9450	0.956	0.044	0.0114	105	1800	617	779	N/A	9180
10880	0.959	0.041	0.0099	121	2070	710	897	N/A	10600
12490	0.961	0.039	0.0087	139	2380	815	1030	N/A	12100
14400	0.965	0.035	0.0075	160	2740	940	1190	N/A	14000
16560	0.966	0.034	0.0065	184	3150	1080	1370	N/A	16200
19060	0.968	0.032	0.0057	212	3630	1240	1570	N/A	18500
21910	0.969	0.031	0.0049	244	4170	1430	1810	N/A	21300
25250	0.970	0.030	0.0043	281	4810	1650	2080	N/A	24500
28990	0.973	0.027	0.0037	322	5520	1890	2390	N/A	28200
33370	0.974	0.026	0.0032	371	6350	2180	2750	N/A	32400
38400	0.975	0.025	0.0028	427	7310	2510	3170	N/A	37400
44250	0.977	0.023	0.0024	492	8420	2890	3650	N/A	43000
50910	0.977	0.023	0.0021	566	9690	3320	4200	N/A	49500
58590	0.978	0.022	0.0019	652	11200	3820	4830	N/A	56900

MERCURY INJECTION CAPILLARY PRESSURE

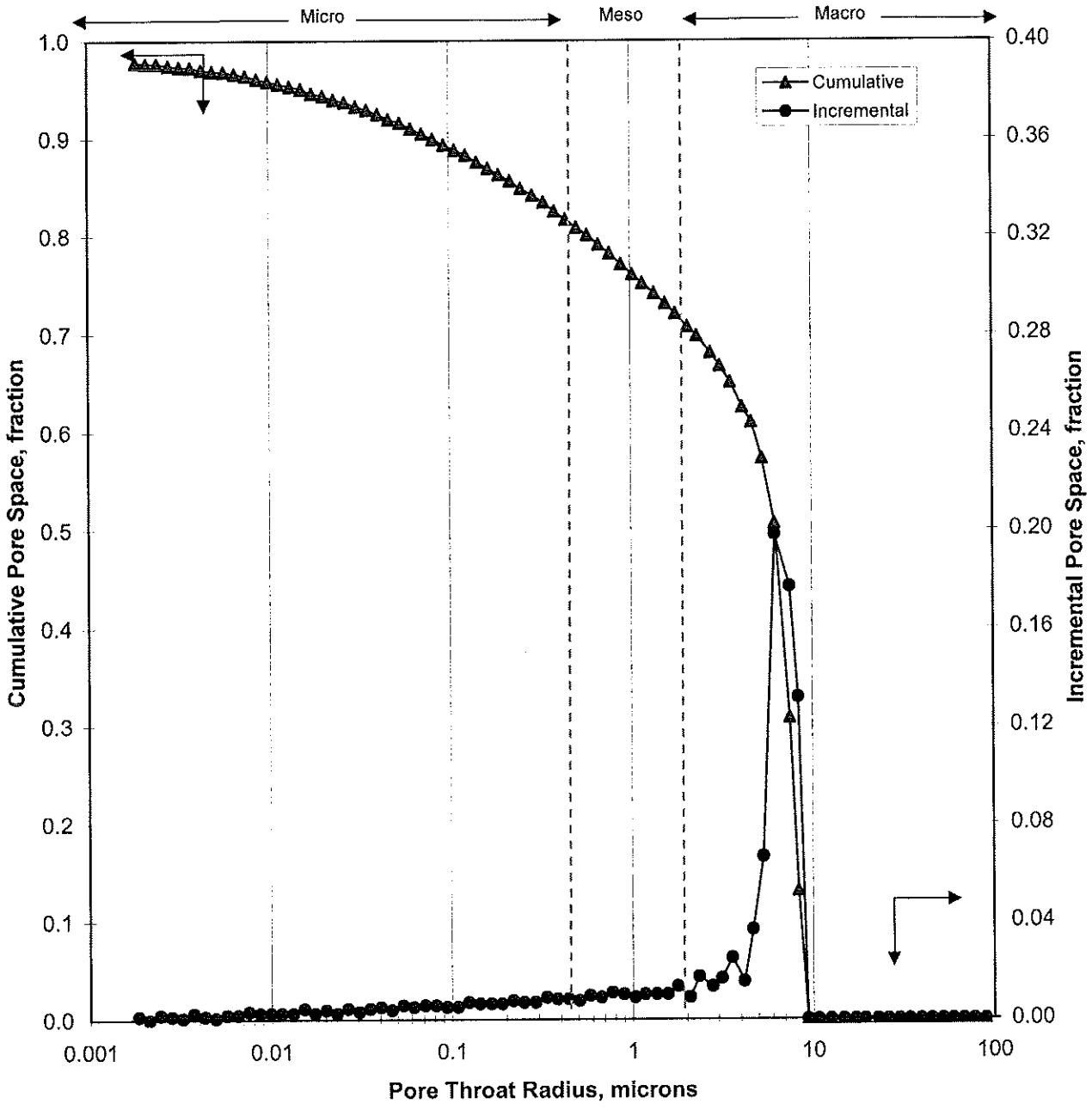
COMPANY:	Talisman Energy Inc.	FILE:	52132-08-6055
WELL:	East Simpson #2	FORMATION:	Albian - Nanushuk
Sample:	East Simpson #2 (2388')	Ambient Condition Air Permeability, mD:	103
Depth, feet:	2388.0	Ambient Condition Porosity, fraction:	0.290



Median Pore Throat Radius, µm:	6.26	Hydrocarbon Density Gradient, psi/feet:	0.376
		Water Density Gradient, psi/feet:	0.437

MERCURY INJECTION CAPILLARY PRESSURE

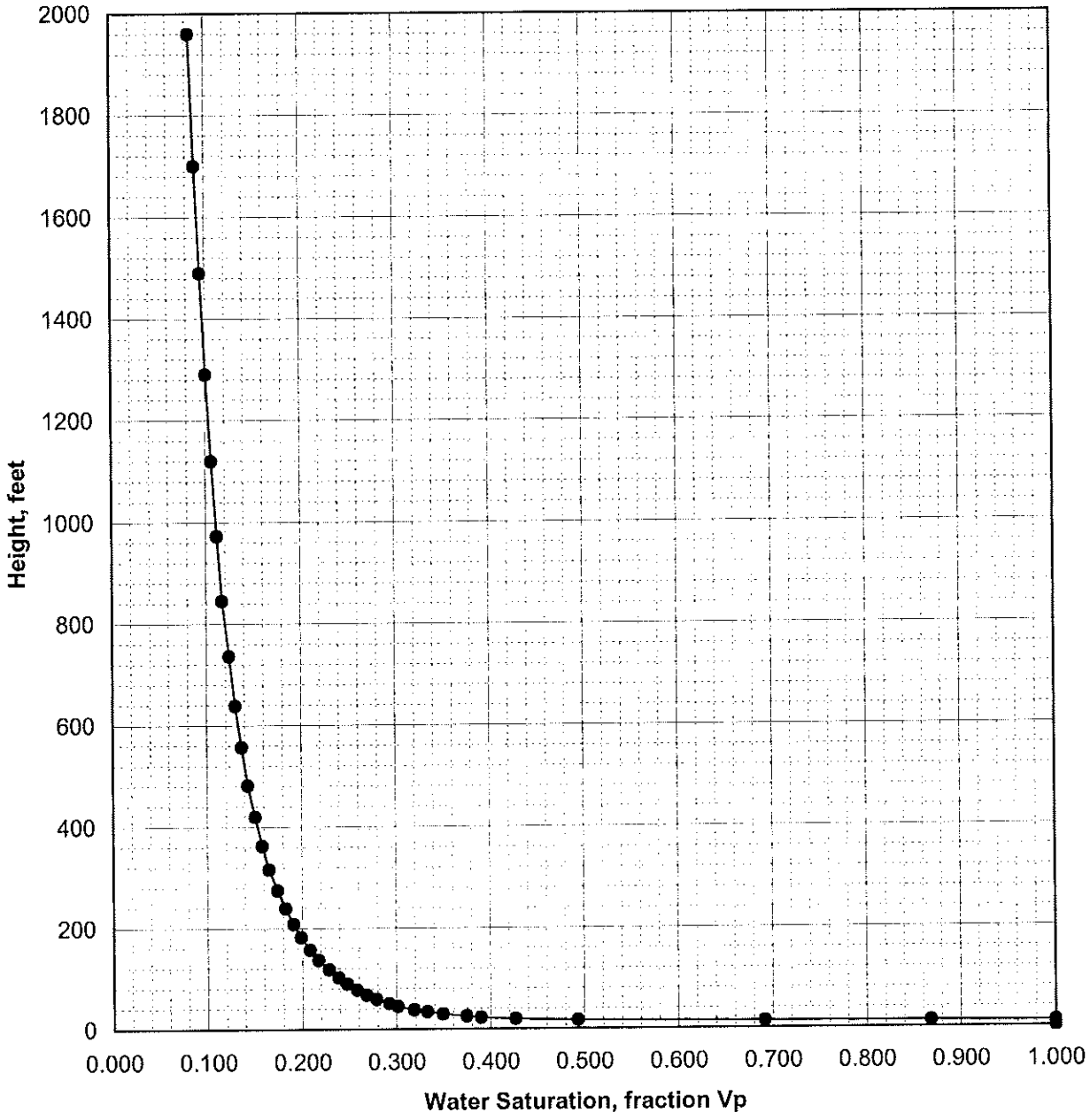
COMPANY:	Talisman Energy Inc.	FILE:	52132-08-6055
WELL:	East Simpson #2	FORMATION:	Albian - Nanushuk
Sample:	East Simpson #2 (2388')	Ambient Condition Air Permeability, mD:	103
Depth, feet:	2388.0	Ambient Condition Porosity, fraction:	0.290



Median Pore Throat Radius, µm:	6.26	Hydrocarbon Density Gradient, psi/feet:	0.376
		Water Density Gradient, psi/feet:	0.437

MERCURY INJECTION CAPILLARY PRESSURE

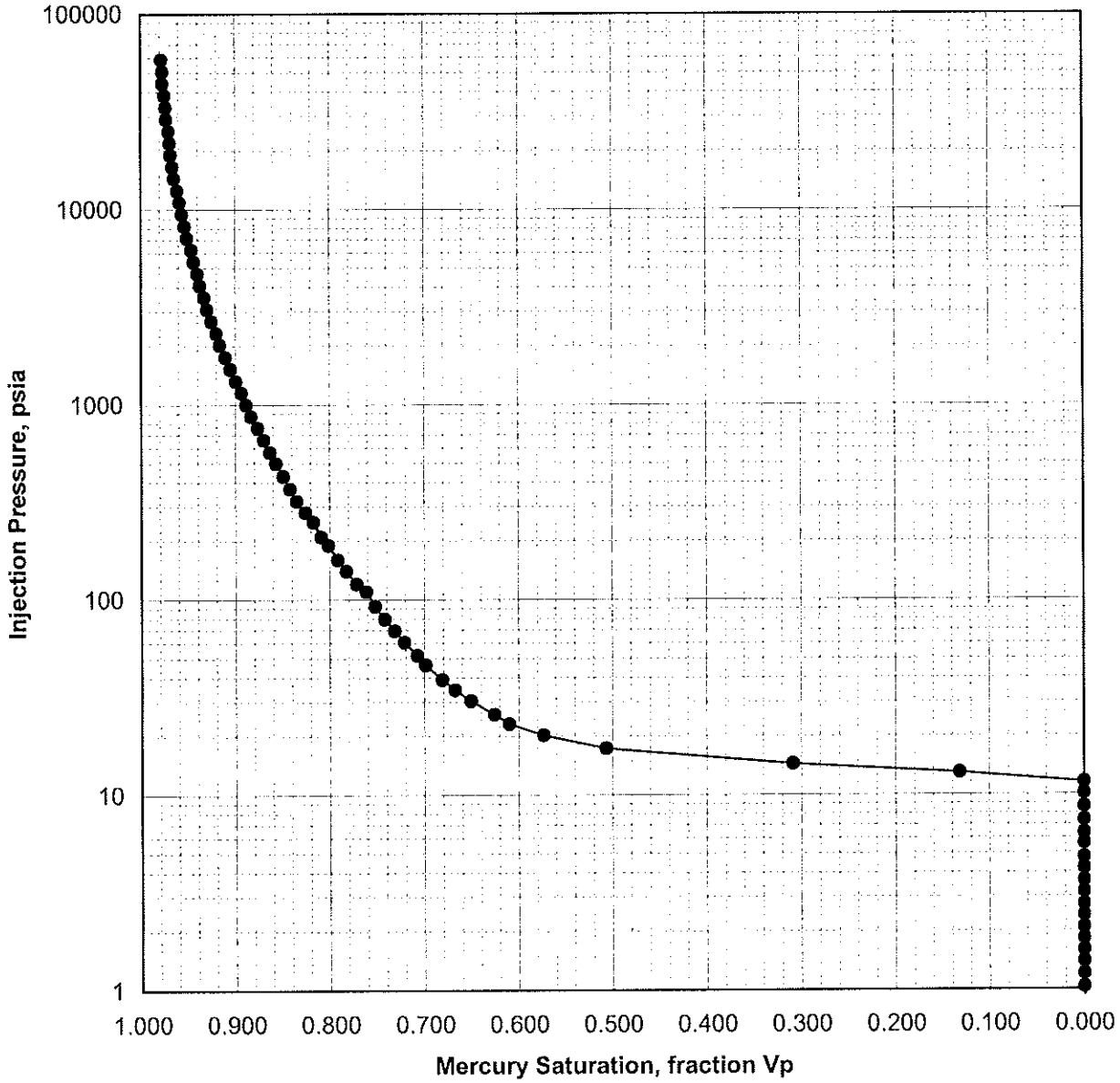
COMPANY:	Talisman Energy Inc.	FILE:	52132-08-6055
WELL:	East Simpson #2	FORMATION:	Albian - Nanushuk
Sample:	East Simpson #2 (2388')	Ambient Condition Air Permeability, mD:	103
Depth, feet:	2388.0	Ambient Condition Porosity, fraction:	0.290



Median Pore Throat Radius, µm:	6.26	Hydrocarbon Density Gradient, psi/feet:	0.376
		Water Density Gradient, psi/feet:	0.437

MERCURY INJECTION CAPILLARY PRESSURE

COMPANY:	Talisman Energy Inc.	FILE:	52132-08-6055
WELL:	East Simpson #2	FORMATION:	Albian - Nanushuk
Sample:	East Simpson #2 (2388')	Ambient Condition Air Permeability, mD:	103
Depth, feet:	2388.0	Ambient Condition Porosity, fraction:	0.290



Median Pore Throat Radius, µm:	6.26	Hydrocarbon Density Gradient, psi/feet:	0.376
		Water Density Gradient, psi/feet:	0.437

Core Laboratories
Advanced Rock Properties

MERCURY INJECTION DATA SUMMARY

Company:	Talisman Energy Inc.	Sample Number:	East Simpson #2 (2392')
Well:	East Simpson #2	Depth, feet:	2392.0
Field:	N/A	Air Permeability, mD:	776
Formation:	Albian - Nanushuk	Porosity, fraction:	0.281
Country:	Alaska	File Number:	52132-08-6055

Injection Pressure, psia	Mercury Saturation, fraction	1.0-Mercury Saturation, fraction	Pore Radius, microns	J Function	Conversion to Other Laboratory Fluid Systems, psia			Est'd Height, feet Above Free Water	
					G-W	G-O	O-W	G-W	O-W
0.80	0.000	1.000	136	0.0247	0.152	0.052	0.066	N/A	0.78
0.90	0.000	1.000	120.0	0.0279	0.171	0.059	0.074	N/A	0.87
1.03	0.000	1.000	105.0	0.0319	0.196	0.067	0.085	N/A	1.00
1.20	0.000	1.000	89.8	0.0373	0.229	0.079	0.099	N/A	1.17
1.39	0.000	1.000	77.6	0.0432	0.265	0.091	0.115	N/A	1.36
1.6	0.000	1.000	67.8	0.0495	0.304	0.104	0.132	N/A	1.56
1.8	0.000	1.000	59.2	0.0567	0.348	0.119	0.151	N/A	1.78
2.1	0.000	1.000	51.8	0.0648	0.398	0.136	0.172	N/A	2.03
2.4	0.000	1.000	44.90	0.0747	0.458	0.157	0.198	N/A	2.3
2.7	0.000	1.000	39.40	0.085	0.522	0.179	0.23	N/A	2.7
3.2	0.000	1.000	34.00	0.0985	0.605	0.207	0.26	N/A	3.1
3.6	0.000	1.000	29.80	0.112	0.69	0.237	0.30	N/A	3.5
4.2	0.000	1.000	25.80	0.13	0.798	0.274	0.35	N/A	4.1
4.8	0.000	1.000	22.70	0.148	0.906	0.31	0.39	N/A	4.6
5.6	0.000	1.000	19.30	0.174	1.07	0.366	0.46	N/A	5.5
6.3	0.000	1.000	17.10	0.197	1.21	0.414	0.52	N/A	6.2
7.4	0.000	1.000	14.70	0.228	1.40	0.481	0.61	N/A	7.2
8.6	0.000	1.000	12.50	0.268	1.65	0.564	0.71	N/A	8.4
10.1	0.000	1.000	10.70	0.313	1.9	0.659	0.83	N/A	9.8
11.5	0.000	1.000	9.36	0.358	2.2	0.754	0.95	N/A	11.2
13.0	0.000	1.000	8.34	0.402	2.5	0.846	1.07	N/A	12.6
14.4	0.000	1.000	7.500	0.447	2.7	0.941	1.19	N/A	14.0
17.4	0.207	0.793	6.220	0.539	3.3	1.14	1.4	N/A	16.9
20.3	0.454	0.546	5.330	0.629	3.9	1.3	1.7	N/A	19.7
23.2	0.542	0.458	4.660	0.719	4.4	1.5	1.9	N/A	22.5
25.9	0.559	0.441	4.170	0.805	4.9	1.7	2.1	N/A	25.2
30.4	0.577	0.423	3.560	0.941	5.8	2.0	2.5	N/A	29.5
34.6	0.605	0.395	3.130	1.07	6.59	2.3	2.9	N/A	33.6
38.9	0.624	0.376	2.780	1.21	7.41	2.5	3.2	N/A	37.8
46.3	0.648	0.352	2.330	1.44	8.82	3.0	3.8	N/A	45.0
51.9	0.661	0.339	2.0800	1.61	9.88	3.4	4.28	N/A	50.5
60.6	0.677	0.323	1.7800	1.88	11.5	3.96	5	N/A	59.0
69.2	0.690	0.310	1.5600	2.15	13.2	4.52	5.71	N/A	67.3
79.4	0.702	0.298	1.3600	2.46	15.1	5.19	6.55	N/A	77.2
92.2	0.714	0.286	1.1700	2.86	17.6	6.02	7.6	N/A	89.6
110	0.725	0.275	1.0300	3.26	20	6.87	8.67	N/A	102.0
120	0.736	0.264	0.8920	3.76	23.1	7.91	9.99	N/A	118.0
140	0.747	0.253	0.7720	4.34	26.7	9.14	11.5	N/A	136.0
160	0.758	0.242	0.6690	5.01	30.8	10.6	13.3	N/A	157.0
190	0.767	0.233	0.5800	5.78	35.5	12.2	15.4	N/A	182.0
210	0.775	0.225	0.5060	6.62	40.7	13.9	17.6	N/A	208.0
250	0.784	0.216	0.4400	7.61	46.7	16	20.2	N/A	238

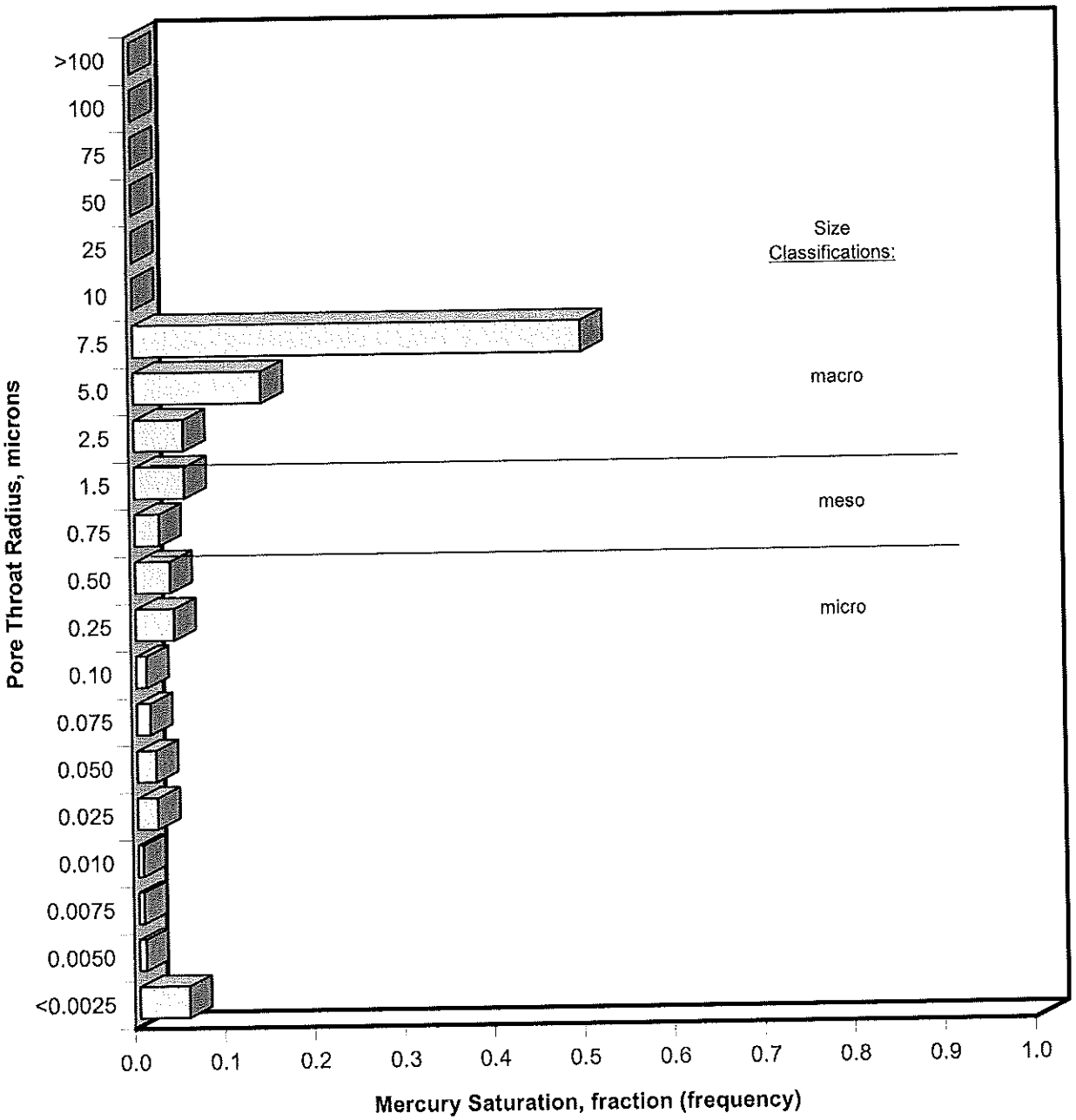
MERCURY INJECTION DATA SUMMARY

Company:	Talisman Energy Inc.	Sample Number:	East Simpson #2 (2392')
Well:	East Simpson #2	Depth, feet:	2392.0
Field:	N/A	Air Permeability, mD:	776
Formation:	Albian - Nanushuk	Porosity, fraction:	0.281
Country:	Alaska	File Number:	52132-08-6055

Injection Pressure, psia	Mercury Saturation, fraction	1.0-Mercury Saturation, fraction	Pore Radius, microns	J Function	Conversion to Other Laboratory Fluid Systems, psia			Est'd Height, feet Above Free Water	
					G-W	G-O	O-W	G-W	O-W
280	0.792	0.208	0.3820	8.77	53.8	18.5	23.3	N/A	275
320	0.800	0.200	0.3330	10.1	61.8	21.2	26.8	N/A	316
370	0.808	0.192	0.2890	11.6	71.2	24.4	30.8	N/A	363
430	0.815	0.185	0.2500	13.4	82.2	28.2	35.6	N/A	420
500	0.822	0.178	0.2180	15.4	94.3	32.3	40.8	N/A	481
570	0.829	0.171	0.1890	17.7	109	37.4	47.2	N/A	557
660	0.835	0.165	0.1650	20.3	125	42.8	54.1	N/A	638
760	0.841	0.159	0.1430	23.4	144	49.4	62.3	N/A	735
870	0.848	0.152	0.1240	27	165	56.7	71.7	N/A	845
1000	0.854	0.146	0.1080	31	190	65.3	82.5	N/A	973
1150	0.859	0.141	0.0940	35.7	219	75.1	94.8	N/A	1120
1320	0.865	0.135	0.0817	41	252	86.4	109	N/A	1290
1520	0.870	0.130	0.0710	47.2	290	99.4	126	N/A	1490
1750	0.876	0.124	0.0617	54.3	334	114	144	N/A	1700
2020	0.880	0.120	0.0536	62.5	384	132	166	N/A	1960
2320	0.886	0.114	0.0465	72	442	152	191	N/A	2250
2670	0.890	0.110	0.0405	82.9	509	174	220	N/A	2590
3070	0.894	0.106	0.0352	95.3	585	201	253	N/A	2980
3540	0.898	0.102	0.0306	110	673	231	291	N/A	3430
4070	0.903	0.097	0.0265	126	775	266	336	N/A	3960
4680	0.905	0.095	0.0231	145	891	305	386	N/A	4550
5390	0.910	0.090	0.0201	167	1030	352	444	N/A	5230
6210	0.913	0.087	0.0174	192	1180	405	512	N/A	6040
7130	0.917	0.083	0.0152	221	1360	465	588	N/A	6930
8210	0.920	0.080	0.0132	254	1560	536	677	N/A	7980
9450	0.924	0.076	0.0114	293	1800	617	779	N/A	9180
10880	0.926	0.074	0.0099	337	2070	710	896	N/A	10600
12490	0.929	0.071	0.0087	387	2380	815	1030	N/A	12100
14400	0.932	0.068	0.0075	446	2740	940	1190	N/A	14000
16560	0.934	0.066	0.0065	513	3150	1080	1370	N/A	16200
19060	0.936	0.064	0.0057	591	3630	1240	1570	N/A	18500
21910	0.938	0.062	0.0049	679	4170	1430	1810	N/A	21300
25250	0.940	0.060	0.0043	783	4810	1650	2080	N/A	24500
28990	0.941	0.059	0.0037	899	5520	1890	2390	N/A	28200
33370	0.942	0.058	0.0032	1030	6350	2180	2750	N/A	32400
38400	0.944	0.056	0.0028	1190	7310	2510	3170	N/A	37400
44250	0.945	0.055	0.0024	1370	8420	2890	3650	N/A	43000
50910	0.945	0.055	0.0021	1580	9690	3320	4200	N/A	49500
58590	0.946	0.054	0.0019	1820	11200	3820	4830	N/A	56900

MERCURY INJECTION CAPILLARY PRESSURE

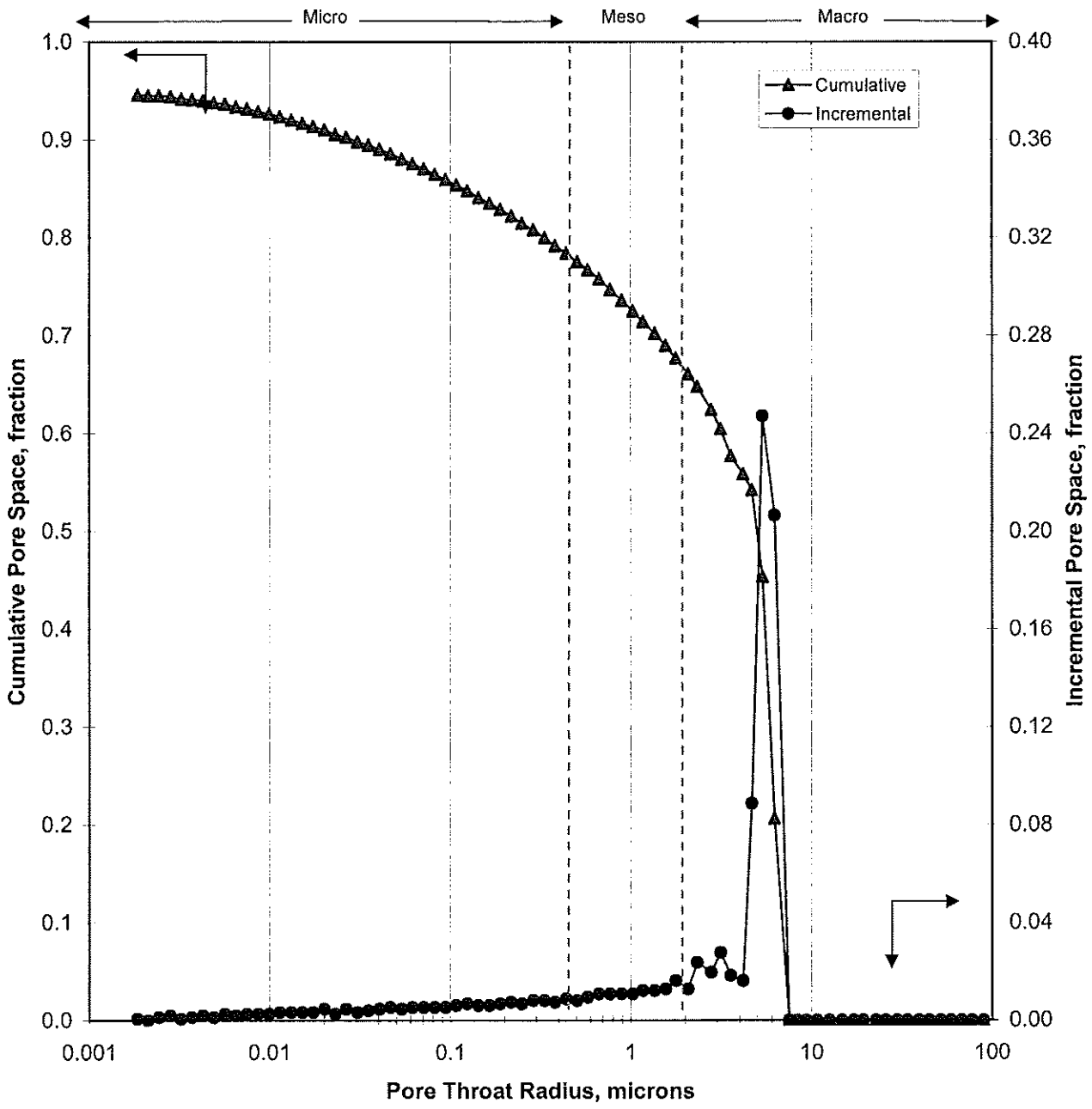
COMPANY:	Talisman Energy Inc.	FILE:	52132-08-6055
WELL:	East Simpson #2	FORMATION:	Albian - Nanushuk
Sample:	East Simpson #2 (2392')	Ambient Condition Air Permeability, mD:	776
Depth, feet:	2392.0	Ambient Condition Porosity, fraction:	0.281



Median Pore Throat Radius, µm:	4.98	Hydrocarbon Density Gradient, psi/feet:	0.376
		Water Density Gradient, psi/feet:	0.437

MERCURY INJECTION CAPILLARY PRESSURE

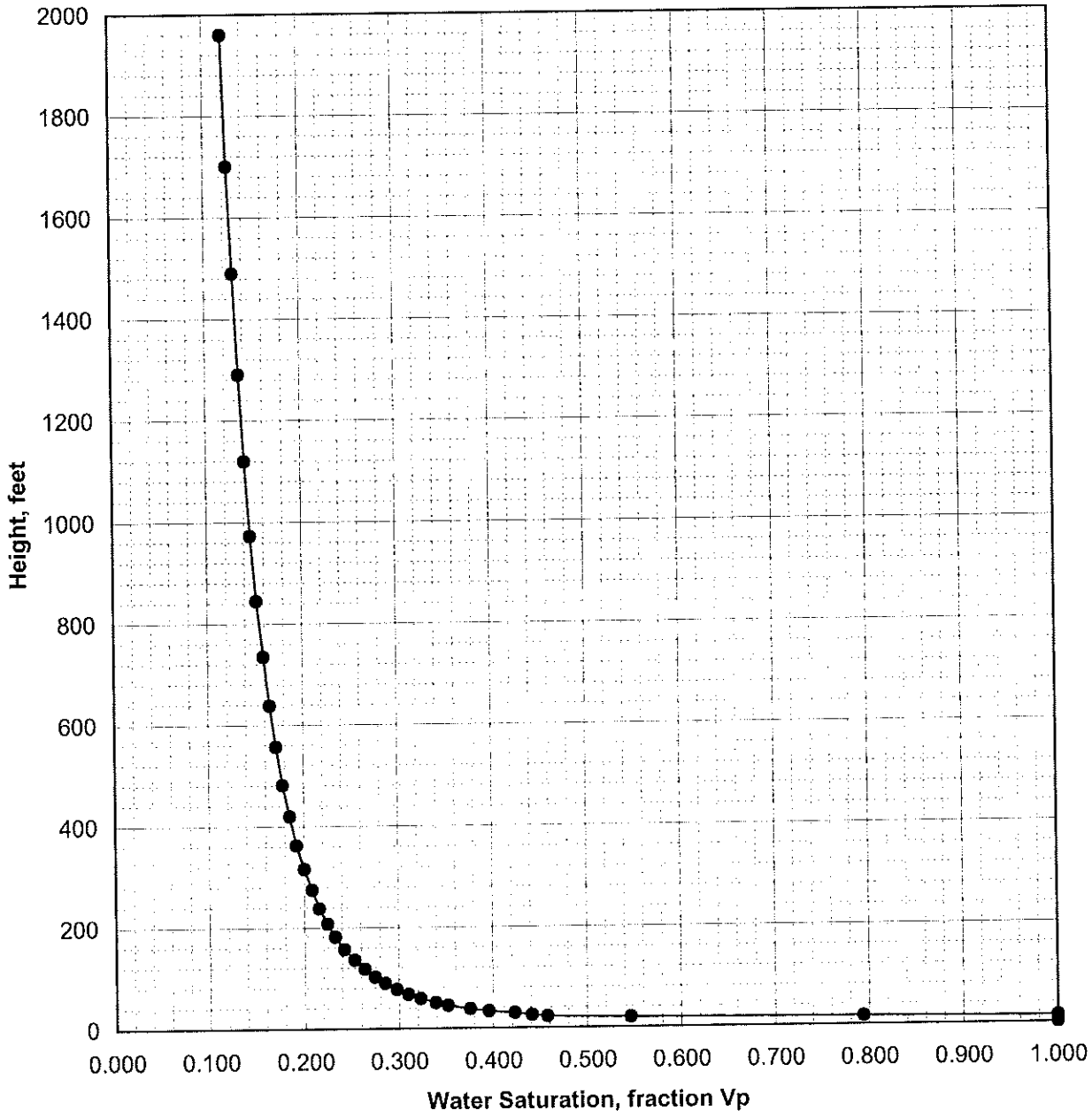
COMPANY:	Talisman Energy Inc.	FILE:	52132-08-6055
WELL:	East Simpson #2	FORMATION:	Albian - Nanushuk
Sample:	East Simpson #2 (2392')	Ambient Condition Air Permeability, mD:	776
Depth, feet:	2392.0	Ambient Condition Porosity, fraction:	0.281



Median Pore Throat Radius, µm:	4.98	Hydrocarbon Density Gradient, psi/feet:	0.376
		Water Density Gradient, psi/feet:	0.437

MERCURY INJECTION CAPILLARY PRESSURE

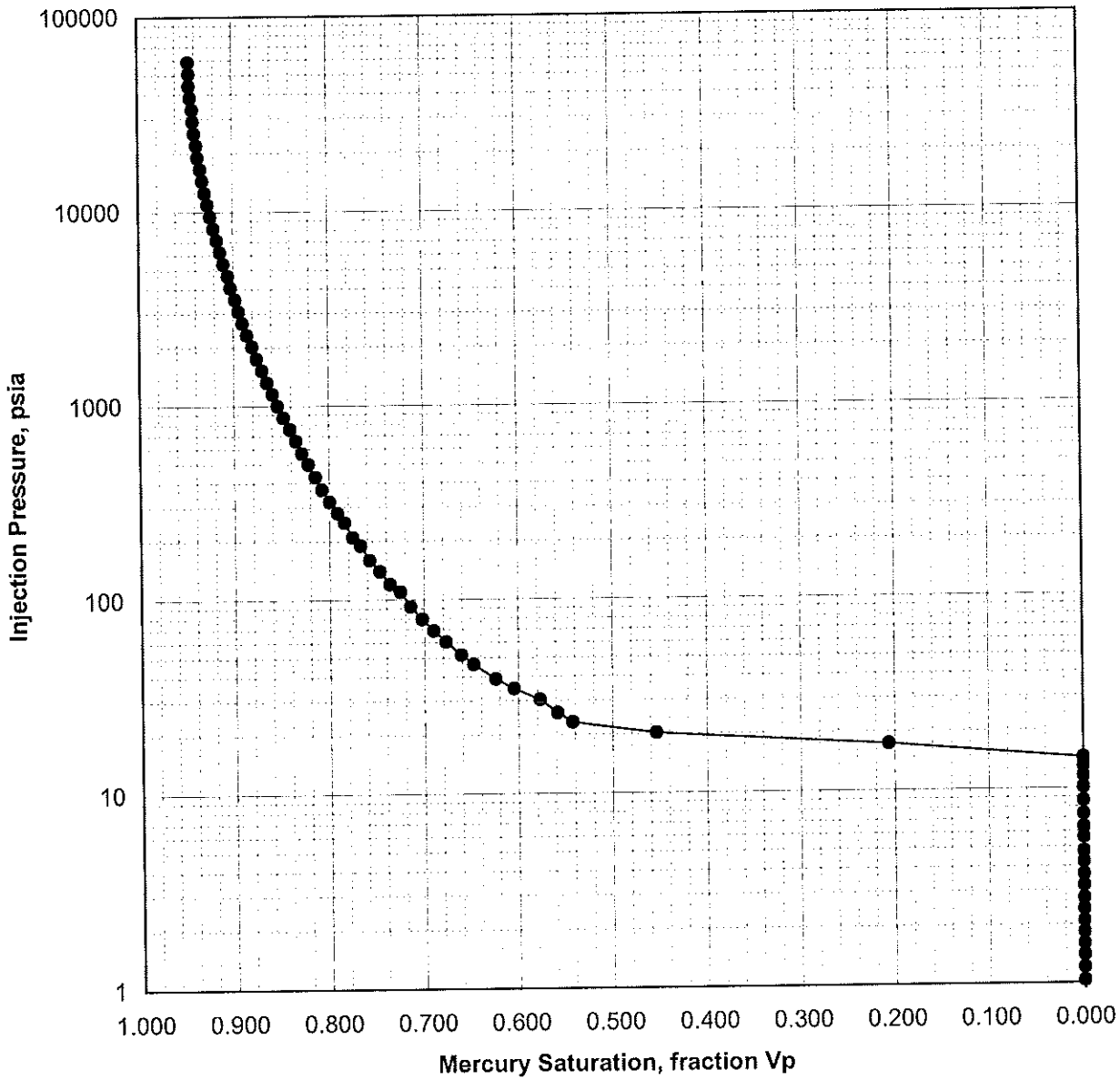
COMPANY:	Talisman Energy Inc.	FILE:	52132-08-6055
WELL:	East Simpson #2	FORMATION:	Albian - Nanushuk
Sample:	East Simpson #2 (2392')	Ambient Condition Air Permeability, mD:	776
Depth, feet:	2392.0	Ambient Condition Porosity, fraction:	0.281



Median Pore Throat Radius, µm:	4.98	Hydrocarbon Density Gradient, psi/feet:	0.376
		Water Density Gradient, psi/feet:	0.437

MERCURY INJECTION CAPILLARY PRESSURE

COMPANY:	Talisman Energy Inc.	FILE:	52132-08-6055
WELL:	East Simpson #2	FORMATION:	Albian - Nanushuk
Sample:	East Simpson #2 (2392')	Ambient Condition Air Permeability, mD:	776
Depth, feet:	2392.0	Ambient Condition Porosity, fraction:	0.281



Median Pore Throat Radius, µm:	4.98	Hydrocarbon Density Gradient, psi/feet:	0.376
		Water Density Gradient, psi/feet:	0.437

Core Laboratories
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MERCURY INJECTION DATA SUMMARY

Company:	Talisman Energy Inc.	Sample Number:	East Simpson #2 (2395.5')
Well:	East Simpson #2	Depth, feet:	2395.5
Field:	N/A	Air Permeability, mD:	660
Formation:	Albian - Nanushuk	Porosity, fraction:	0.265
Country:	Alaska	File Number:	52132-08-6055

Injection Pressure, psia	Mercury Saturation, fraction	1.0-Mercury Saturation, fraction	Pore Radius, microns	J Function	Conversion to Other Laboratory Fluid Systems, psia			Est'd Height, feet Above Free Water	
					G-W	G-O	O-W	G-W	O-W
0.78	0.000	1.000	138	0.0231	0.149	0.051	0.065	N/A	0.76
0.91	0.000	1.000	118.0	0.0269	0.174	0.060	0.075	N/A	0.89
1.03	0.000	1.000	105.0	0.0304	0.196	0.067	0.085	N/A	1.00
1.19	0.000	1.000	90.9	0.0351	0.226	0.078	0.098	N/A	1.16
1.39	0.000	1.000	77.6	0.041	0.265	0.091	0.115	N/A	1.36
1.6	0.000	1.000	68.4	0.0466	0.301	0.103	0.130	N/A	1.53
1.8	0.000	1.000	59.6	0.0534	0.345	0.118	0.149	N/A	1.76
2.1	0.000	1.000	51.8	0.0616	0.398	0.136	0.172	N/A	2.03
2.4	0.000	1.000	44.90	0.071	0.458	0.157	0.198	N/A	2.3
2.7	0.000	1.000	39.40	0.0808	0.522	0.179	0.23	N/A	2.7
3.2	0.000	1.000	34.00	0.0936	0.605	0.207	0.26	N/A	3.1
3.6	0.000	1.000	29.90	0.106	0.687	0.236	0.30	N/A	3.5
4.2	0.000	1.000	25.80	0.124	0.798	0.274	0.35	N/A	4.1
4.8	0.000	1.000	22.70	0.14	0.906	0.31	0.39	N/A	4.6
5.6	0.000	1.000	19.20	0.166	1.07	0.367	0.46	N/A	5.5
6.3	0.000	1.000	17.10	0.187	1.21	0.414	0.52	N/A	6.2
7.4	0.000	1.000	14.70	0.217	1.40	0.481	0.61	N/A	7.2
8.6	0.000	1.000	12.50	0.255	1.65	0.564	0.71	N/A	8.4
10.1	0.000	1.000	10.70	0.297	1.92	0.658	0.83	N/A	9.8
11.5	0.000	1.000	9.39	0.339	2.19	0.752	0.95	N/A	11.2
13.0	0.000	1.000	8.34	0.382	2.47	0.846	1.07	N/A	12.6
14.4	0.000	1.000	7.500	0.425	2.74	0.941	1.19	N/A	14.0
17.4	0.000	1.000	6.220	0.513	3.31	1.14	1.4	N/A	16.9
20.3	0.000	1.000	5.330	0.598	3.86	1.3	1.7	N/A	19.7
23.2	0.040	0.960	4.670	0.683	4.41	1.5	1.9	N/A	22.5
26.0	0.125	0.875	4.160	0.766	4.94	1.7	2.1	N/A	25.2
30.3	0.276	0.724	3.560	0.894	5.77	2.0	2.5	N/A	29.5
34.7	0.367	0.633	3.120	1.02	6.60	2.3	2.9	N/A	33.7
39.0	0.409	0.591	2.770	1.15	7.42	2.5	3.2	N/A	37.8
46.3	0.454	0.546	2.340	1.36	8.81	3.0	3.8	N/A	45.0
52.1	0.477	0.523	2.0800	1.54	9.92	3.4	4.29	N/A	50.6
60.7	0.501	0.499	1.7800	1.79	11.5	3.96	5	N/A	59.0
69.3	0.520	0.480	1.5600	2.04	13.2	4.52	5.71	N/A	67.3
79.4	0.537	0.463	1.3600	2.34	15.1	5.18	6.54	N/A	77.1
92.4	0.553	0.447	1.1700	2.72	17.6	6.03	7.62	N/A	89.8
110	0.566	0.434	1.0200	3.11	20.1	6.89	8.7	N/A	103.0
120	0.579	0.421	0.8920	3.57	23.1	7.91	9.99	N/A	118.0
140	0.592	0.408	0.7720	4.13	26.7	9.15	11.6	N/A	137.0
160	0.604	0.396	0.6690	4.77	30.8	10.6	13.3	N/A	157.0
190	0.615	0.385	0.5810	5.49	35.5	12.2	15.4	N/A	182.0
210	0.627	0.373	0.5060	6.3	40.7	13.9	17.6	N/A	208.0
250	0.638	0.362	0.4400	7.24	46.7	16	20.2	N/A	238

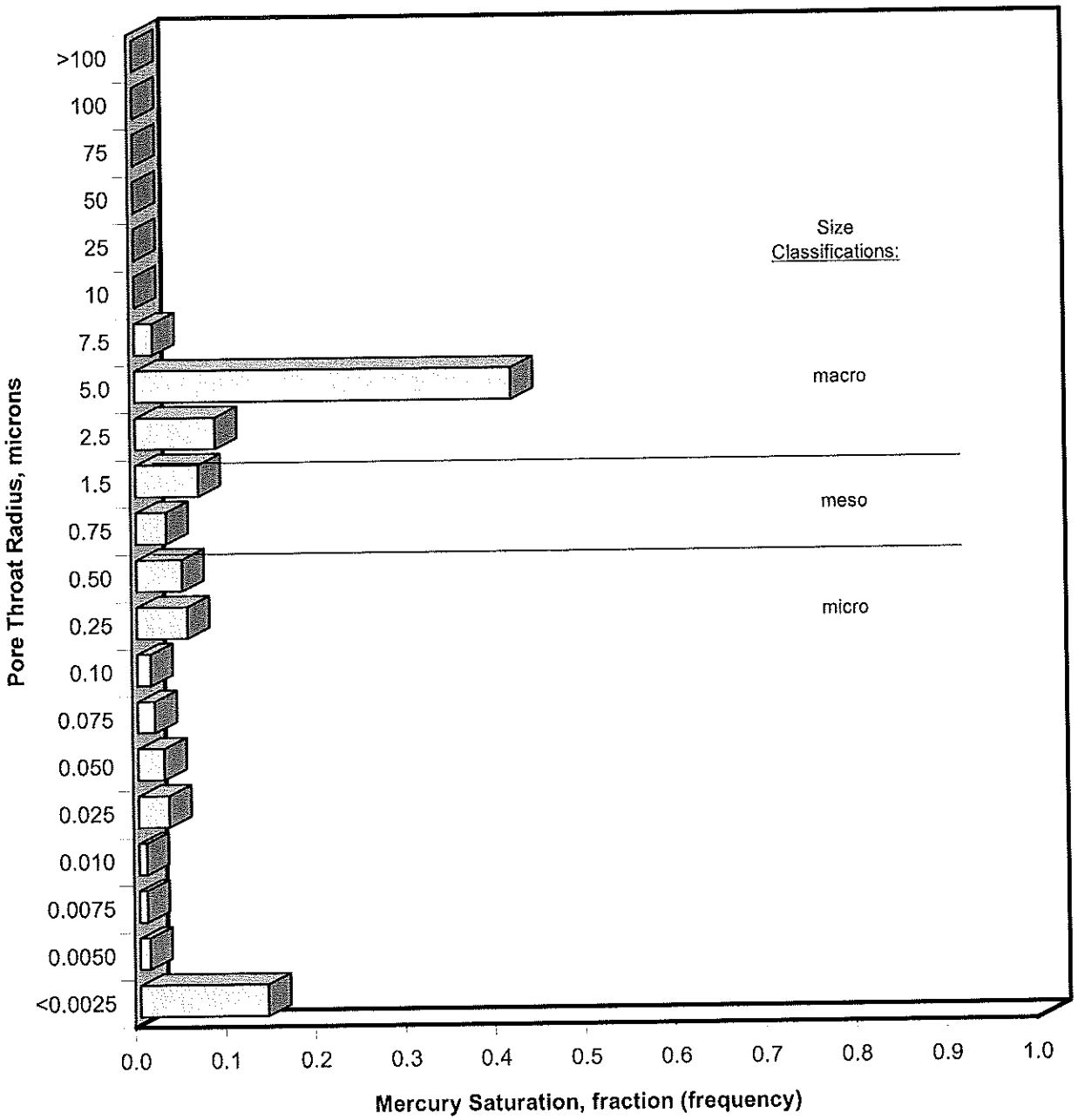
MERCURY INJECTION DATA SUMMARY

Company:	Talisman Energy Inc.	Sample Number:	East Simpson #2 (2395.5')
Well:	East Simpson #2	Depth, feet:	2395.5
Field:	N/A	Air Permeability, mD:	660
Formation:	Albian - Nanushuk	Porosity, fraction:	0.265
Country:	Alaska	File Number:	52132-08-6055

Injection Pressure, psia	Mercury Saturation, fraction	1.0-Mercury Saturation, fraction	Pore Radius, microns	J Function	Conversion to Other Laboratory Fluid Systems, psia			Est'd Height, feet Above Free Water	
					G-W	G-O	O-W	G-W	O-W
280	0.648	0.352	0.3820	8.34	53.9	18.5	23.3	N/A	275
330	0.658	0.342	0.3320	9.59	62	21.2	26.8	N/A	316
370	0.668	0.332	0.2890	11	71.3	24.5	30.9	N/A	364
430	0.678	0.322	0.2510	12.7	81.9	28.1	35.5	N/A	419
500	0.687	0.313	0.2180	14.6	94.3	32.3	40.8	N/A	481
570	0.696	0.304	0.1900	16.8	109	37.2	47	N/A	554
660	0.705	0.295	0.1650	19.3	125	42.8	54	N/A	637
760	0.714	0.286	0.1430	22.3	144	49.5	62.5	N/A	737
870	0.721	0.279	0.1240	25.6	166	56.7	71.7	N/A	845
1000	0.730	0.270	0.1080	29.5	190	65.2	82.4	N/A	972
1150	0.737	0.263	0.0939	33.9	219	75.1	94.9	N/A	1120
1320	0.744	0.256	0.0817	39	252	86.3	109	N/A	1290
1520	0.751	0.249	0.0710	44.9	290	99.4	126	N/A	1490
1750	0.757	0.243	0.0618	51.6	333	114	144	N/A	1700
2020	0.764	0.236	0.0536	59.5	384	132	166	N/A	1960
2320	0.770	0.230	0.0466	68.4	442	151	191	N/A	2250
2670	0.776	0.224	0.0405	78.7	508	174	220	N/A	2590
3070	0.782	0.218	0.0352	90.6	585	201	253	N/A	2980
3530	0.788	0.212	0.0306	104	672	231	291	N/A	3430
4070	0.794	0.206	0.0266	120	775	266	335	N/A	3950
4680	0.799	0.201	0.0231	138	892	306	386	N/A	4550
5380	0.805	0.195	0.0201	159	1020	351	444	N/A	5230
6190	0.811	0.189	0.0175	183	1180	404	510	N/A	6010
7130	0.816	0.184	0.0152	210	1360	466	588	N/A	6930
8210	0.821	0.179	0.0132	242	1560	536	677	N/A	7980
9440	0.826	0.174	0.0115	278	1800	616	778	N/A	9170
10870	0.830	0.170	0.0100	320	2070	709	896	N/A	10600
12500	0.834	0.166	0.0087	368	2380	816	1030	N/A	12100
14390	0.838	0.162	0.0075	424	2740	939	1190	N/A	14000
16560	0.841	0.159	0.0065	488	3150	1080	1360	N/A	16000
19080	0.845	0.155	0.0057	562	3630	1250	1570	N/A	18500
21920	0.847	0.153	0.0049	646	4170	1430	1810	N/A	21300
25190	0.851	0.149	0.0043	742	4790	1640	2080	N/A	24500
29000	0.852	0.148	0.0037	855	5520	1890	2390	N/A	28200
33390	0.855	0.145	0.0032	984	6360	2180	2750	N/A	32400
38410	0.857	0.143	0.0028	1130	7310	2510	3170	N/A	37400
44160	0.858	0.142	0.0025	1300	8410	2880	3640	N/A	42900
50840	0.860	0.140	0.0021	1500	9680	3320	4190	N/A	49400
58450	0.861	0.139	0.0019	1720	11100	3820	4820	N/A	56800

MERCURY INJECTION CAPILLARY PRESSURE

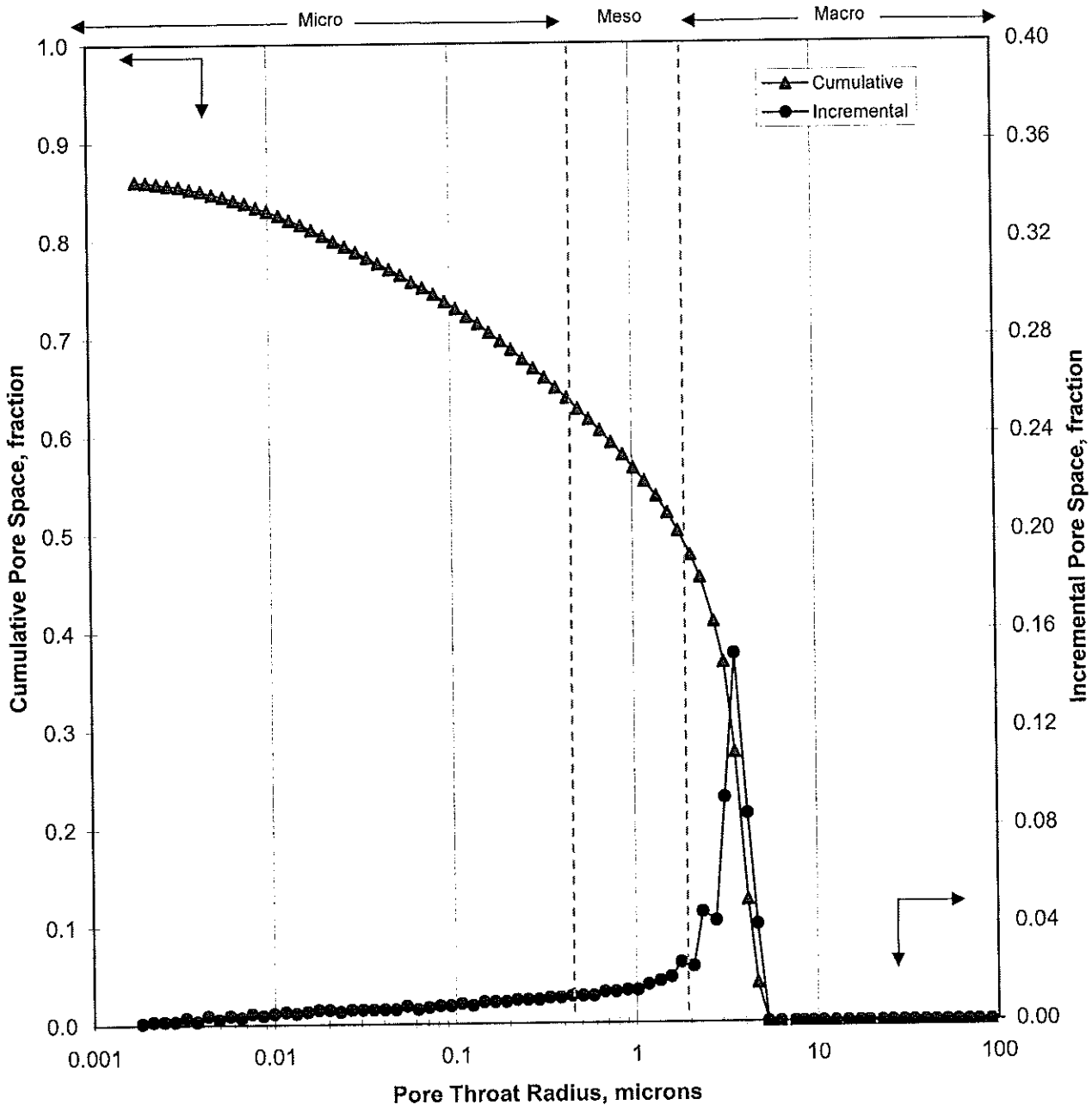
COMPANY:	Talisman Energy Inc.	FILE:	52132-08-6055
WELL:	East Simpson #2	FORMATION:	Albian - Nanushuk
Sample:	East Simpson #2 (2395.5')	Ambient Condition Air Permeability, mD:	660
Depth, feet:	2395.5	Ambient Condition Porosity, fraction:	0.265



Median Pore Throat Radius, µm:	1.80	Hydrocarbon Density Gradient, psi/feet:	0.376
		Water Density Gradient, psi/feet:	0.437

MERCURY INJECTION CAPILLARY PRESSURE

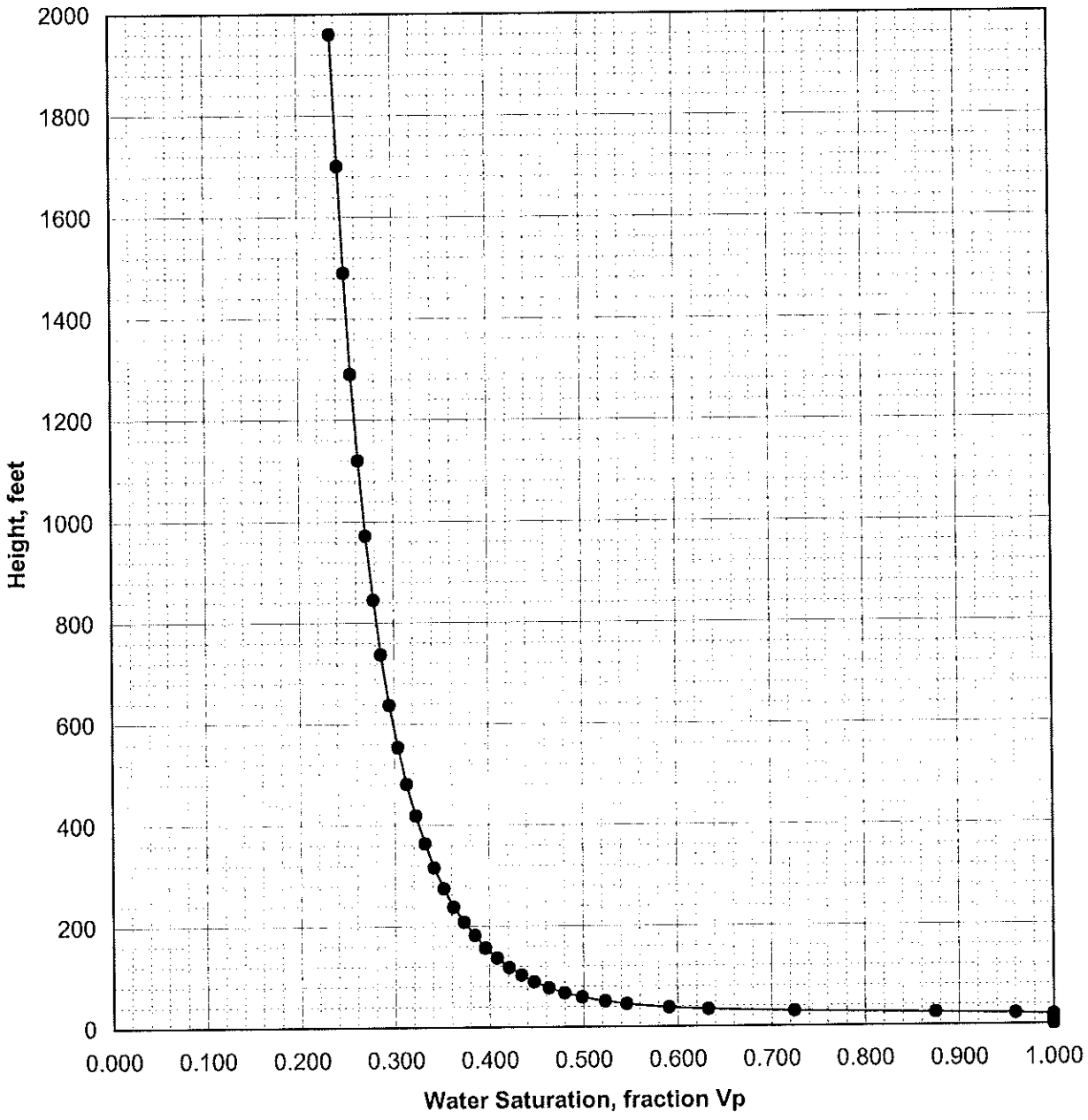
COMPANY:	Talisman Energy Inc.	FILE:	52132-08-6055
WELL:	East Simpson #2	FORMATION:	Albian - Nanushuk
Sample:	East Simpson #2 (2395.5')	Ambient Condition Air Permeability, mD:	660
Depth, feet:	2395.5	Ambient Condition Porosity, fraction:	0.265



Median Pore Throat Radius, µm:	1.80	Hydrocarbon Density Gradient, psi/feet:	0.376
		Water Density Gradient, psi/feet:	0.437

MERCURY INJECTION CAPILLARY PRESSURE

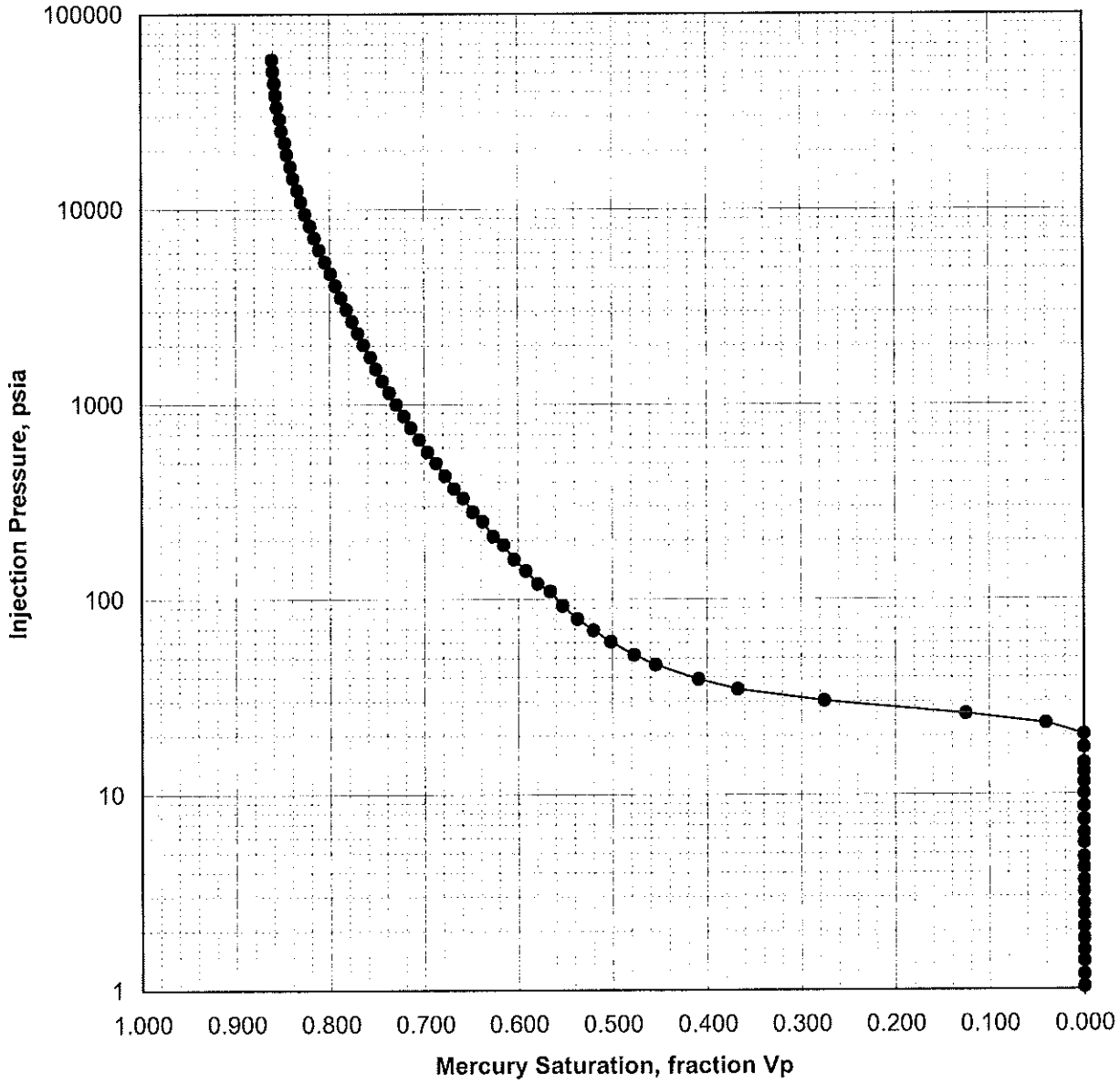
COMPANY:	Talisman Energy Inc.	FILE:	52132-08-6055
WELL:	East Simpson #2	FORMATION:	Albian - Nanushuk
Sample:	East Simpson #2 (2395.5')	Ambient Condition Air Permeability, mD:	660
Depth, feet:	2395.5	Ambient Condition Porosity, fraction:	0.265



Median Pore Throat Radius, µm:	1.80	Hydrocarbon Density Gradient, psi/feet:	0.376
		Water Density Gradient, psi/feet:	0.437

MERCURY INJECTION CAPILLARY PRESSURE

COMPANY:	Talisman Energy Inc.	FILE:	52132-08-6055
WELL:	East Simpson #2	FORMATION:	Albian - Nanushuk
Sample:	East Simpson #2 (2395.5')	Ambient Condition Air Permeability, mD:	660
Depth, feet:	2395.5	Ambient Condition Porosity, fraction:	0.265



Median Pore Throat Radius, µm:	1.80	Hydrocarbon Density Gradient, psi/feet:	0.376
		Water Density Gradient, psi/feet:	0.437

Core Laboratories
Advanced Rock Properties

MERCURY INJECTION DATA SUMMARY

Company:	Talisman Energy Inc.	Sample Number:	East Simpson #2 (2399.5')
Well:	East Simpson #2	Depth, feet:	2399.5
Field:	N/A	Air Permeability, mD:	3.29
Formation:	Albian - Nanushuk	Porosity, fraction:	0.213
Country:	Alaska	File Number:	52132-08-6055

Injection Pressure, psia	Mercury Saturation, fraction	1.0-Mercury Saturation, fraction	Pore Radius, microns	J Function	Conversion to Other Laboratory Fluid Systems, psia			Est'd Height, feet Above Free Water	
					G-W	G-O	O-W	G-W	O-W
0.78	0.000	1.000	138	0.00182	0.149	0.051	0.065	N/A	0.76
0.91	0.000	1.000	118.0	0.00212	0.174	0.060	0.075	N/A	0.89
1.03	0.000	1.000	105.0	0.00239	0.196	0.067	0.085	N/A	1.00
1.19	0.000	1.000	90.9	0.00276	0.226	0.078	0.098	N/A	1.15
1.39	0.000	1.000	77.6	0.00323	0.265	0.091	0.115	N/A	1.35
1.6	0.000	1.000	68.4	0.00366	0.301	0.103	0.130	N/A	1.53
1.8	0.000	1.000	59.6	0.0042	0.345	0.118	0.149	N/A	1.76
2.1	0.000	1.000	51.8	0.00484	0.398	0.136	0.172	N/A	2.03
2.4	0.000	1.000	44.90	0.00558	0.458	0.157	0.198	N/A	2.3
2.7	0.000	1.000	39.40	0.00635	0.522	0.179	0.23	N/A	2.7
3.2	0.000	1.000	34.00	0.00736	0.605	0.207	0.26	N/A	3.1
3.6	0.000	1.000	29.90	0.00837	0.687	0.236	0.30	N/A	3.5
4.2	0.000	1.000	25.80	0.00972	0.798	0.274	0.35	N/A	4.1
4.8	0.000	1.000	22.70	0.011	0.906	0.31	0.39	N/A	4.6
5.6	0.000	1.000	19.20	0.013	1.07	0.367	0.46	N/A	5.5
6.3	0.000	1.000	17.10	0.0147	1.21	0.414	0.52	N/A	6.2
7.4	0.000	1.000	14.70	0.0171	1.40	0.481	0.61	N/A	7.2
8.6	0.000	1.000	12.50	0.02	1.65	0.564	0.71	N/A	8.4
10.1	0.000	1.000	10.70	0.0234	1.9	0.658	0.83	N/A	9.8
11.5	0.000	1.000	9.39	0.0267	2.2	0.752	0.95	N/A	11.2
13.0	0.000	1.000	8.34	0.0301	2.5	0.846	1.07	N/A	12.6
14.4	0.000	1.000	7.500	0.0334	2.7	0.941	1.19	N/A	14.0
17.4	0.000	1.000	6.220	0.0403	3.3	1.14	1.4	N/A	16.8
20.3	0.000	1.000	5.330	0.047	3.9	1.3	1.7	N/A	19.7
23.2	0.000	1.000	4.670	0.0537	4.4	1.5	1.9	N/A	22.5
26.3	0.000	1.000	4.110	0.061	5.0	1.7	2.2	N/A	25.6
31.0	0.000	1.000	3.490	0.0718	5.9	2.0	2.6	N/A	30.0
35.6	0.000	1.000	3.040	0.0825	6.77	2.3	2.9	N/A	34.5
40.0	0.000	1.000	2.710	0.0926	7.61	2.6	3.3	N/A	38.8
47.3	0.000	1.000	2.280	0.11	9.01	3.1	3.9	N/A	45.9
53.2	0.000	1.000	2.0300	0.123	10.1	3.5	4.39	N/A	51.7
61.8	0.014	0.986	1.7500	0.143	11.8	4.03	5.09	N/A	60.0
70.4	0.039	0.961	1.5400	0.163	13.4	4.59	5.8	N/A	68.3
80.3	0.101	0.899	1.3500	0.186	15.3	5.24	6.62	N/A	78.0
93.0	0.193	0.807	1.1600	0.216	17.7	6.07	7.67	N/A	90.4
110	0.256	0.744	1.0200	0.245	20.2	6.91	8.73	N/A	103.0
120	0.316	0.684	0.8900	0.282	23.1	7.93	10	N/A	118.0
140	0.370	0.630	0.7710	0.325	26.7	9.15	11.6	N/A	137.0
160	0.417	0.583	0.6690	0.375	30.8	10.5	13.3	N/A	157.0
190	0.453	0.547	0.5810	0.431	35.4	12.1	15.3	N/A	180.0
210	0.487	0.513	0.5070	0.494	40.6	13.9	17.6	N/A	207.0
250	0.516	0.484	0.4410	0.568	46.7	16	20.2	N/A	238

Core Laboratories
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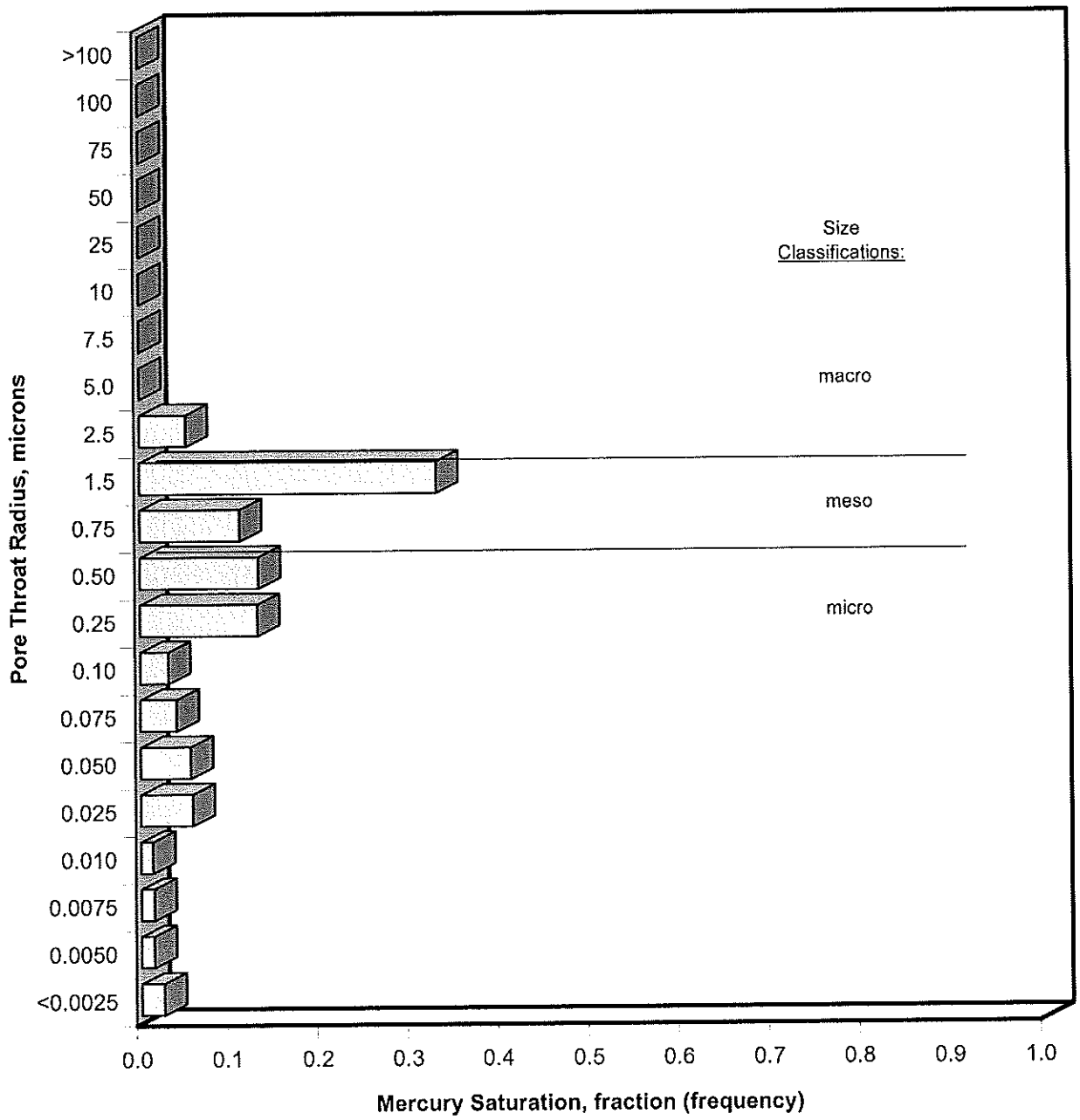
MERCURY INJECTION DATA SUMMARY

Company:	Talisman Energy Inc.	Sample Number:	East Simpson #2 (2399.5')
Well:	East Simpson #2	Depth, feet:	2399.5
Field:	N/A	Air Permeability, mD:	3.29
Formation:	Albian - Nanushuk	Porosity, fraction:	0.213
Country:	Alaska	File Number:	52132-08-6055

Injection Pressure, psia	Mercury Saturation, fraction	1.0-Mercury Saturation, fraction	Pore Radius, microns	J Function	Conversion to Other Laboratory Fluid Systems, psia			Est'd Height, feet Above Free Water	
					G-W	G-O	O-W	G-W	O-W
280	0.544	0.456	0.3820	0.655	53.8	18.5	23.3	N/A	275
330	0.571	0.429	0.3330	0.753	61.9	21.2	26.8	N/A	316
370	0.596	0.404	0.2890	0.867	71.2	24.4	30.8	N/A	363
430	0.619	0.381	0.2520	0.996	81.8	28.1	35.4	N/A	417
490	0.643	0.357	0.2190	1.15	94.1	32.3	40.8	N/A	481
570	0.663	0.337	0.1900	1.32	108	37.2	46.9	N/A	553
650	0.685	0.315	0.1650	1.52	125	42.7	54	N/A	636
760	0.705	0.295	0.1430	1.75	144	49.4	62.4	N/A	735
870	0.722	0.278	0.1240	2.01	165	56.7	71.6	N/A	844
1000	0.740	0.260	0.1080	2.31	190	65.2	82.3	N/A	970
1150	0.757	0.243	0.0940	2.67	219	75.1	94.8	N/A	1120
1320	0.772	0.228	0.0818	3.06	252	86.3	109	N/A	1280
1520	0.786	0.214	0.0710	3.53	290	99.3	125	N/A	1470
1750	0.800	0.200	0.0618	4.06	333	114	144	N/A	1700
2020	0.815	0.185	0.0536	4.68	384	132	166	N/A	1960
2320	0.827	0.173	0.0466	5.38	441	151	191	N/A	2250
2670	0.838	0.162	0.0405	6.18	508	174	220	N/A	2590
3070	0.851	0.149	0.0352	7.12	585	201	253	N/A	2980
3530	0.862	0.138	0.0306	8.18	672	230	291	N/A	3430
4070	0.872	0.128	0.0266	9.43	774	266	335	N/A	3950
4680	0.882	0.118	0.0231	10.9	891	306	386	N/A	4550
5380	0.891	0.109	0.0201	12.5	1020	351	444	N/A	5230
6190	0.901	0.099	0.0175	14.4	1180	404	510	N/A	6010
7130	0.910	0.090	0.0152	16.5	1360	466	588	N/A	6930
8210	0.919	0.081	0.0132	19	1560	536	677	N/A	7980
9440	0.928	0.072	0.0115	21.9	1800	616	778	N/A	9170
10860	0.934	0.066	0.0100	25.2	2070	709	896	N/A	10600
12500	0.941	0.059	0.0087	29	2380	816	1030	N/A	12100
14390	0.947	0.053	0.0075	33.4	2740	939	1190	N/A	14000
16560	0.951	0.049	0.0065	38.4	3150	1080	1360	N/A	16000
19070	0.957	0.043	0.0057	44.2	3630	1250	1570	N/A	18500
21920	0.961	0.039	0.0049	50.8	4170	1430	1810	N/A	21300
25180	0.965	0.035	0.0043	58.4	4790	1640	2080	N/A	24500
29000	0.968	0.032	0.0037	67.2	5520	1890	2390	N/A	28200
33390	0.971	0.029	0.0032	77.4	6360	2180	2750	N/A	32400
38410	0.974	0.026	0.0028	89	7310	2510	3170	N/A	37300
44160	0.975	0.025	0.0025	102	8410	2880	3640	N/A	42900
50840	0.977	0.023	0.0021	118	9680	3320	4190	N/A	49400
58450	0.978	0.022	0.0019	135	11100	3820	4820	N/A	56800

MERCURY INJECTION CAPILLARY PRESSURE

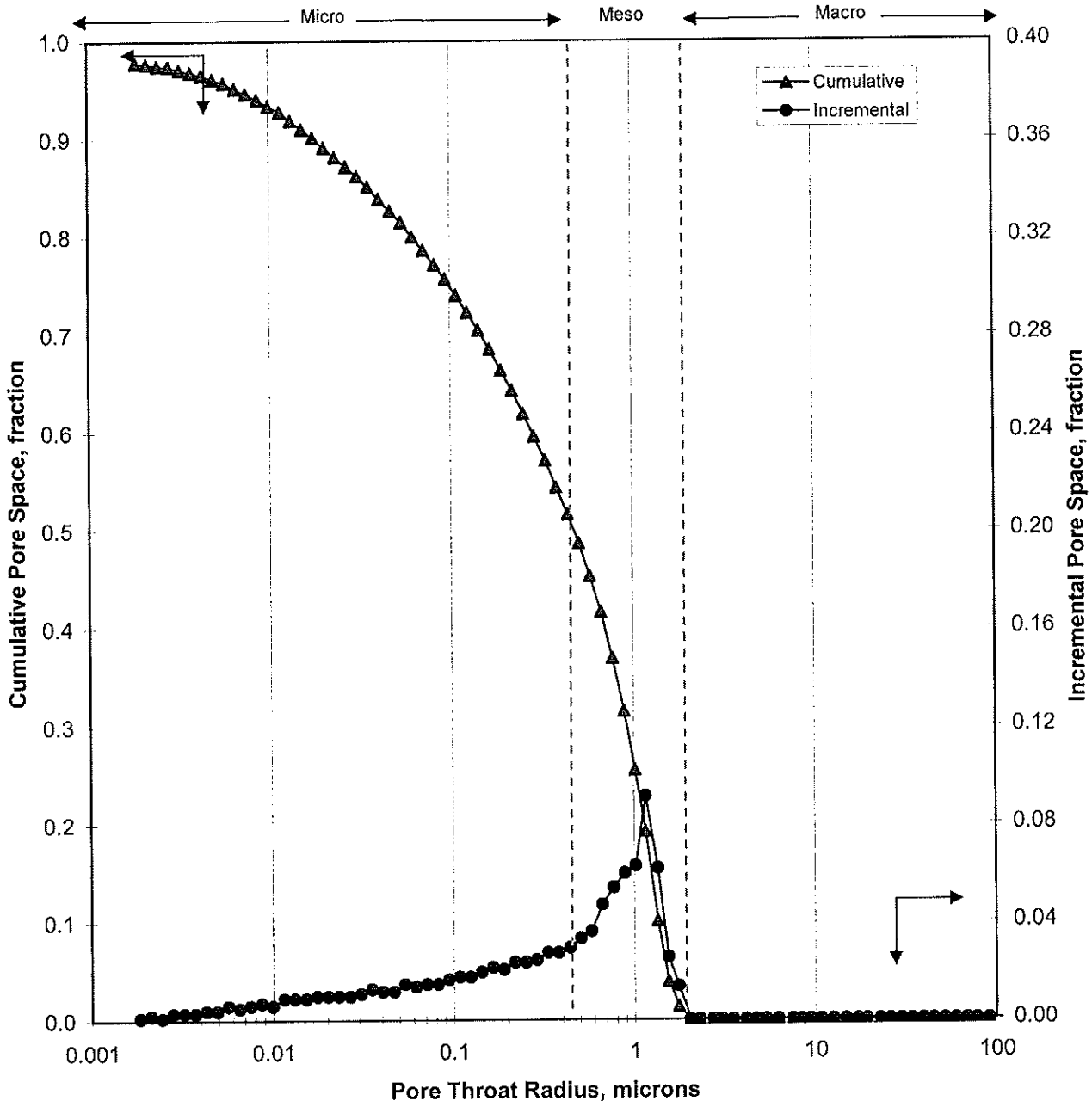
COMPANY:	Talisman Energy Inc.	FILE:	52132-08-6055
WELL:	East Simpson #2	FORMATION:	Albian - Nanushuk
Sample:	East Simpson #2 (2399.5')	Ambient Condition Air Permeability, mD:	3.29
Depth, feet:	2399.5	Ambient Condition Porosity, fraction:	0.213



Median Pore Throat Radius, µm:	0.477	Hydrocarbon Density Gradient, psi/feet:	0.376
		Water Density Gradient, psi/feet:	0.437

MERCURY INJECTION CAPILLARY PRESSURE

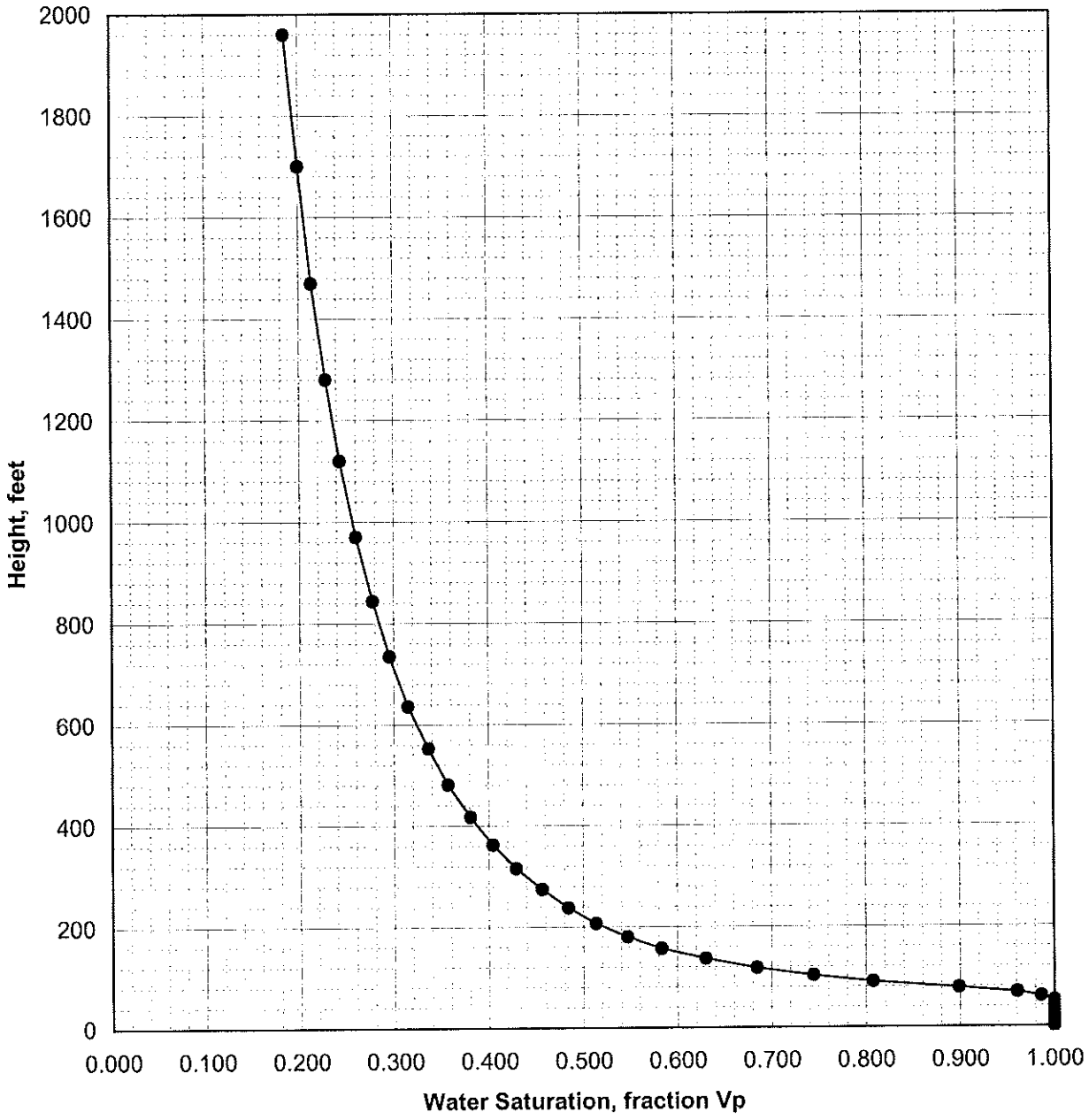
COMPANY:	Talisman Energy Inc.	FILE:	52132-08-6055
WELL:	East Simpson #2	FORMATION:	Albian - Nanushuk
Sample:	East Simpson #2 (2399.5')	Ambient Condition Air Permeability, mD:	3.29
Depth, feet:	2399.5	Ambient Condition Porosity, fraction:	0.213



Median Pore Throat Radius, µm:	0.477	Hydrocarbon Density Gradient, psi/feet:	0.376
		Water Density Gradient, psi/feet:	0.437

MERCURY INJECTION CAPILLARY PRESSURE

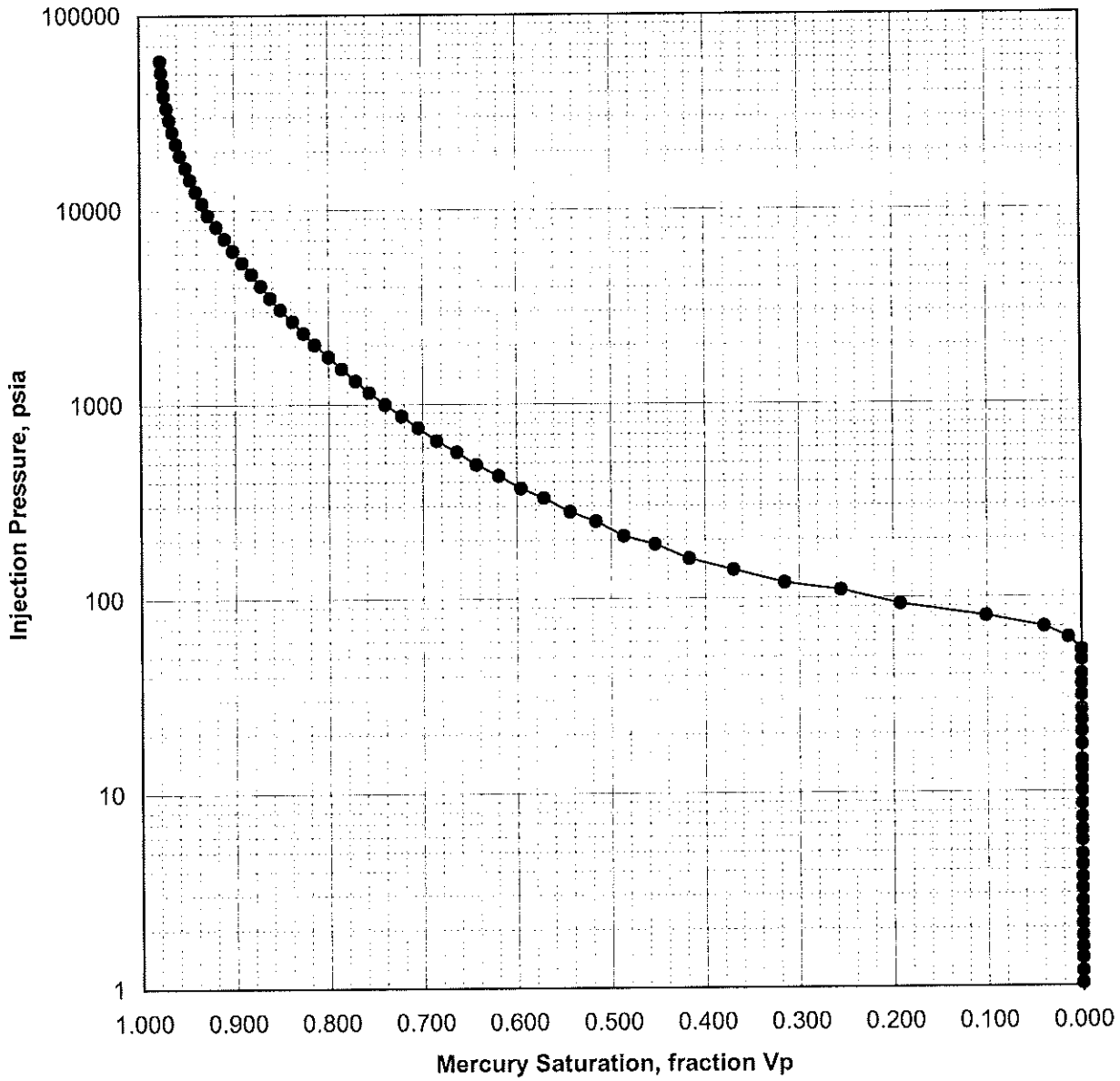
COMPANY:	Talisman Energy Inc.	FILE:	52132-08-6055
WELL:	East Simpson #2	FORMATION:	Albian - Nanushuk
Sample:	East Simpson #2 (2399.5')	Ambient Condition Air Permeability, mD:	3.29
Depth, feet:	2399.5	Ambient Condition Porosity, fraction:	0.213



Median Pore Throat Radius, µm:	0.477	Hydrocarbon Density Gradient, psi/feet:	0.376
		Water Density Gradient, psi/feet:	0.437

MERCURY INJECTION CAPILLARY PRESSURE

COMPANY:	Talisman Energy Inc.	FILE:	52132-08-6055
WELL:	East Simpson #2	FORMATION:	Albian - Nanushuk
Sample:	East Simpson #2 (2399.5')	Ambient Condition Air Permeability, mD:	3.29
Depth, feet:	2399.5	Ambient Condition Porosity, fraction:	0.213



Median Pore Throat Radius, µm:	0.477	Hydrocarbon Density Gradient, psi/feet:	0.376
		Water Density Gradient, psi/feet:	0.437

Core Laboratories

Advanced Rock Properties

MERCURY INJECTION DATA SUMMARY

Company:	Talisman Energy Inc.	Sample Number:	East Simpson #2 (2405')
Well:	East Simpson #2	Depth, feet:	2405.0
Field:	N/A	Air Permeability, mD:	67.6
Formation:	Albian - Nanushuk	Porosity, fraction:	0.263
Country:	Alaska	File Number:	52132-08-6055

Injection Pressure, psia	Mercury Saturation, fraction	1.0-Mercury Saturation, fraction	Pore Radius, microns	J Function	Conversion to Other Laboratory Fluid Systems, psia			Est'd Height, feet Above Free Water	
					G-W	G-O	O-W	G-W	O-W
0.80	0.000	1.000	136	0.00755	0.152	0.052	0.066	N/A	0.78
1.03	0.000	1.000	105.0	0.00975	0.196	0.067	0.085	N/A	1.00
1.20	0.000	1.000	89.8	0.0114	0.229	0.079	0.099	N/A	1.17
1.38	0.000	1.000	78.5	0.013	0.262	0.090	0.114	N/A	1.34
1.60	0.000	1.000	67.8	0.0151	0.304	0.104	0.132	N/A	1.56
1.8	0.000	1.000	59.2	0.0173	0.348	0.119	0.151	N/A	1.78
2.1	0.000	1.000	51.4	0.0199	0.40	0.137	0.173	N/A	2.04
2.4	0.000	1.000	45.2	0.0226	0.456	0.156	0.197	N/A	2.32
2.7	0.000	1.000	39.40	0.0259	0.522	0.179	0.226	N/A	2.7
3.2	0.000	1.000	34.00	0.0301	0.605	0.207	0.26	N/A	3.1
3.6	0.000	1.000	29.90	0.0342	0.687	0.236	0.30	N/A	3.5
4.2	0.000	1.000	25.80	0.0397	0.798	0.274	0.35	N/A	4.1
4.8	0.000	1.000	22.70	0.045	0.906	0.31	0.39	N/A	4.6
5.6	0.000	1.000	19.20	0.0533	1.07	0.367	0.46	N/A	5.5
6.3	0.000	1.000	17.10	0.06	1.21	0.414	0.52	N/A	6.2
7.4	0.000	1.000	14.70	0.0696	1.40	0.48	0.61	N/A	7.1
8.6	0.000	1.000	12.50	0.0818	1.65	0.564	0.71	N/A	8.4
10.1	0.000	1.000	10.70	0.0954	1.92	0.658	0.83	N/A	9.8
11.5	0.000	1.000	9.38	0.109	2.2	0.753	0.95	N/A	11.2
13.0	0.000	1.000	8.35	0.123	2.5	0.845	1.07	N/A	12.6
14.4	0.000	1.000	7.51	0.136	2.7	0.94	1.19	N/A	14.0
17.3	0.000	1.000	6.240	0.164	3.3	1.13	1.43	N/A	16.8
20.3	0.000	1.000	5.330	0.192	3.9	1.32	1.7	N/A	19.7
23.2	0.020	0.980	4.670	0.219	4.4	1.5	1.9	N/A	22.5
26.0	0.077	0.923	4.160	0.246	5.0	1.7	2.1	N/A	25.2
30.3	0.237	0.763	3.560	0.287	5.8	2.0	2.5	N/A	29.5
34.7	0.311	0.689	3.110	0.328	6.6	2.3	2.9	N/A	33.7
39.1	0.353	0.647	2.770	0.37	7.44	2.6	3.2	N/A	37.9
46.4	0.397	0.603	2.330	0.439	8.83	3.0	3.8	N/A	45.0
52.1	0.419	0.581	2.070	0.493	9.92	3.4	4.3	N/A	50.7
60.8	0.445	0.555	1.7800	0.575	11.6	4.0	5.01	N/A	59.0
69.4	0.464	0.536	1.5600	0.657	13.2	4.53	5.72	N/A	67.4
79.6	0.481	0.519	1.3600	0.754	15.2	5.2	6.56	N/A	77.3
92.5	0.499	0.501	1.1700	0.875	17.6	6.03	7.62	N/A	89.8
105.5	0.513	0.487	1.0200	0.999	20.1	6.89	8.7	N/A	103.0
120	0.526	0.474	0.8900	1.15	23.1	7.93	10	N/A	118.0
140	0.540	0.460	0.7710	1.33	26.7	9.15	11.6	N/A	137.0
160	0.552	0.448	0.6680	1.53	30.8	10.6	13.3	N/A	157.0
190	0.566	0.434	0.5810	1.76	35.4	12.2	15.3	N/A	180.0
210	0.577	0.423	0.5060	2.02	40.7	14	17.6	N/A	207.0
250	0.588	0.412	0.4410	2.32	46.7	16	20.2	N/A	238.0
280	0.599	0.401	0.3820	2.68	53.9	18.5	23.3	N/A	275

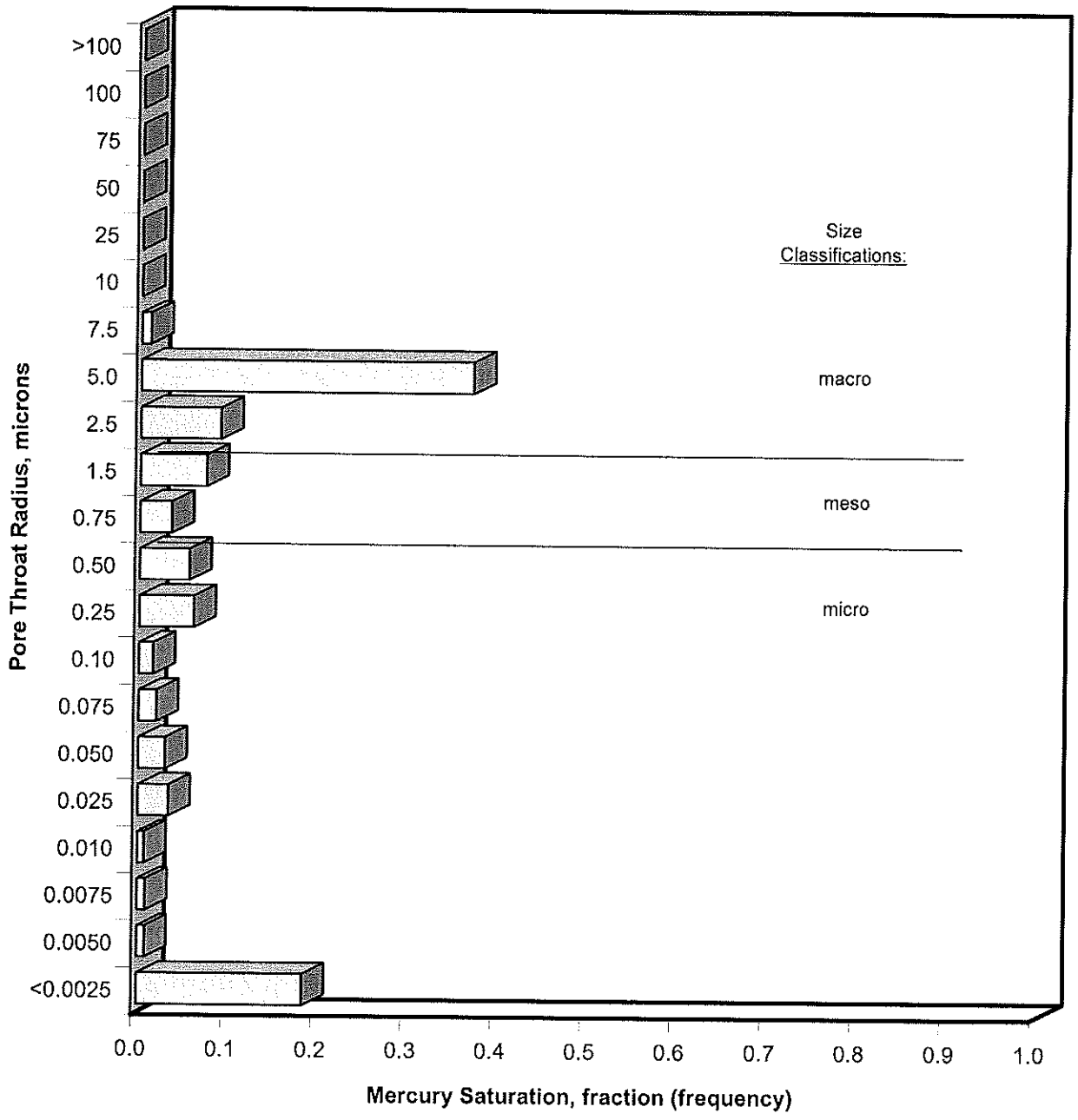
MERCURY INJECTION DATA SUMMARY

Company:	Talisman Energy Inc.	Sample Number:	East Simpson #2 (2405')
Well:	East Simpson #2	Depth, feet:	2405.0
Field:	N/A	Air Permeability, mD:	67.6
Formation:	Albian - Nanushuk	Porosity, fraction:	0.263
Country:	Alaska	File Number:	52132-08-6055

Injection Pressure, psia	Mercury Saturation, fraction	1.0-Mercury Saturation, fraction	Pore Radius, microns	J Function	Conversion to Other Laboratory Fluid Systems, psia			Est'd Height, feet Above Free Water	
					G-W	G-O	O-W	G-W	O-W
330	0.611	0.389	0.3320	3.08	61.9	21.2	26.8	N/A	316
370	0.622	0.378	0.2880	3.55	71.3	24.5	30.9	N/A	364
430	0.633	0.367	0.2510	4.08	82.1	28.1	35.5	N/A	418
500	0.643	0.357	0.2180	4.69	94.4	32.4	40.9	N/A	482
570	0.654	0.346	0.1900	5.4	109	37.2	47	N/A	554
660	0.664	0.336	0.1650	6.21	125	42.8	54.1	N/A	637
760	0.673	0.327	0.1430	7.17	144	49.5	62.5	N/A	736
870	0.681	0.319	0.1240	8.22	165	56.7	71.6	N/A	844
1000	0.690	0.310	0.1080	9.46	190	65.3	82.4	N/A	971
1150	0.696	0.304	0.0941	10.9	219	75	94.7	N/A	1120
1320	0.705	0.295	0.0817	12.5	252	86.4	109	N/A	1280
1520	0.712	0.288	0.0709	14.4	290	99.5	126	N/A	1480
1750	0.719	0.281	0.0617	16.6	333	114	144	N/A	1700
2020	0.726	0.274	0.0536	19.1	384	132	166	N/A	1960
2320	0.732	0.268	0.0466	22	442	152	191	N/A	2250
2670	0.738	0.262	0.0405	25.3	508	174	220	N/A	2590
3070	0.745	0.255	0.0352	29.1	585	201	253	N/A	2980
3530	0.750	0.250	0.0306	33.4	672	231	291	N/A	3430
4070	0.756	0.244	0.0266	38.5	774	266	335	N/A	3950
4690	0.762	0.238	0.0231	44.3	892	306	386	N/A	4550
5390	0.767	0.233	0.0201	51	1030	352	444	N/A	5230
6200	0.773	0.227	0.0174	58.7	1180	404	511	N/A	6020
7130	0.779	0.221	0.0152	67.5	1360	466	588	N/A	6930
8200	0.783	0.217	0.0132	77.6	1560	535	676	N/A	7960
9430	0.787	0.213	0.0115	89.3	1800	616	778	N/A	9170
10860	0.793	0.207	0.0100	103	2070	709	895	N/A	10500
12490	0.795	0.205	0.0087	118	2380	815	1030	N/A	12100
14390	0.799	0.201	0.0075	136	2740	939	1190	N/A	14000
16600	0.803	0.197	0.0065	157	3160	1080	1370	N/A	16100
19030	0.806	0.194	0.0057	180	3620	1240	1570	N/A	18500
21920	0.808	0.192	0.0049	207	4170	1430	1810	N/A	21300
25230	0.811	0.189	0.0043	239	4800	1650	2080	N/A	24500
29010	0.813	0.187	0.0037	275	5520	1890	2390	N/A	28200
33480	0.814	0.186	0.0032	317	6370	2190	2760	N/A	32500
38490	0.816	0.184	0.0028	364	7330	2510	3170	N/A	37300
44220	0.817	0.183	0.0024	419	8420	2890	3650	N/A	43000
50940	0.818	0.182	0.0021	482	9700	3330	4200	N/A	49500
58550	0.818	0.182	0.0019	554	11100	3820	4830	N/A	56900

MERCURY INJECTION CAPILLARY PRESSURE

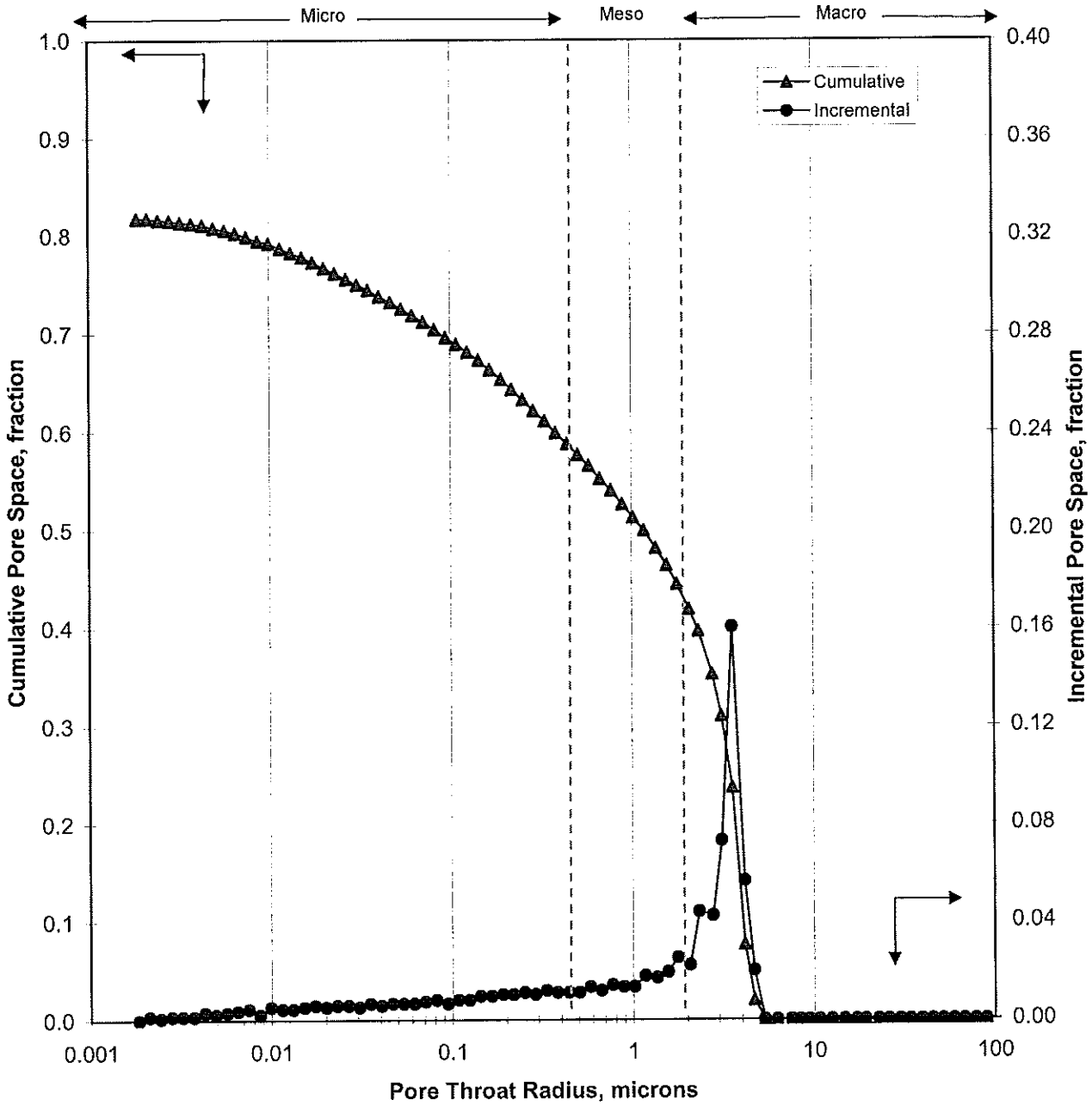
COMPANY:	Talisman Energy Inc.	FILE:	52132-08-6055
WELL:	East Simpson #2	FORMATION:	Albian - Nanushuk
Sample:	East Simpson #2 (2405')	Ambient Condition Air Permeability, mD:	67.6
Depth, feet:	2405.0	Ambient Condition Porosity, fraction:	0.263



Median Pore Throat Radius, µm:	1.16	Hydrocarbon Density Gradient, psi/feet:	0.376
		Water Density Gradient, psi/feet:	0.437

MERCURY INJECTION CAPILLARY PRESSURE

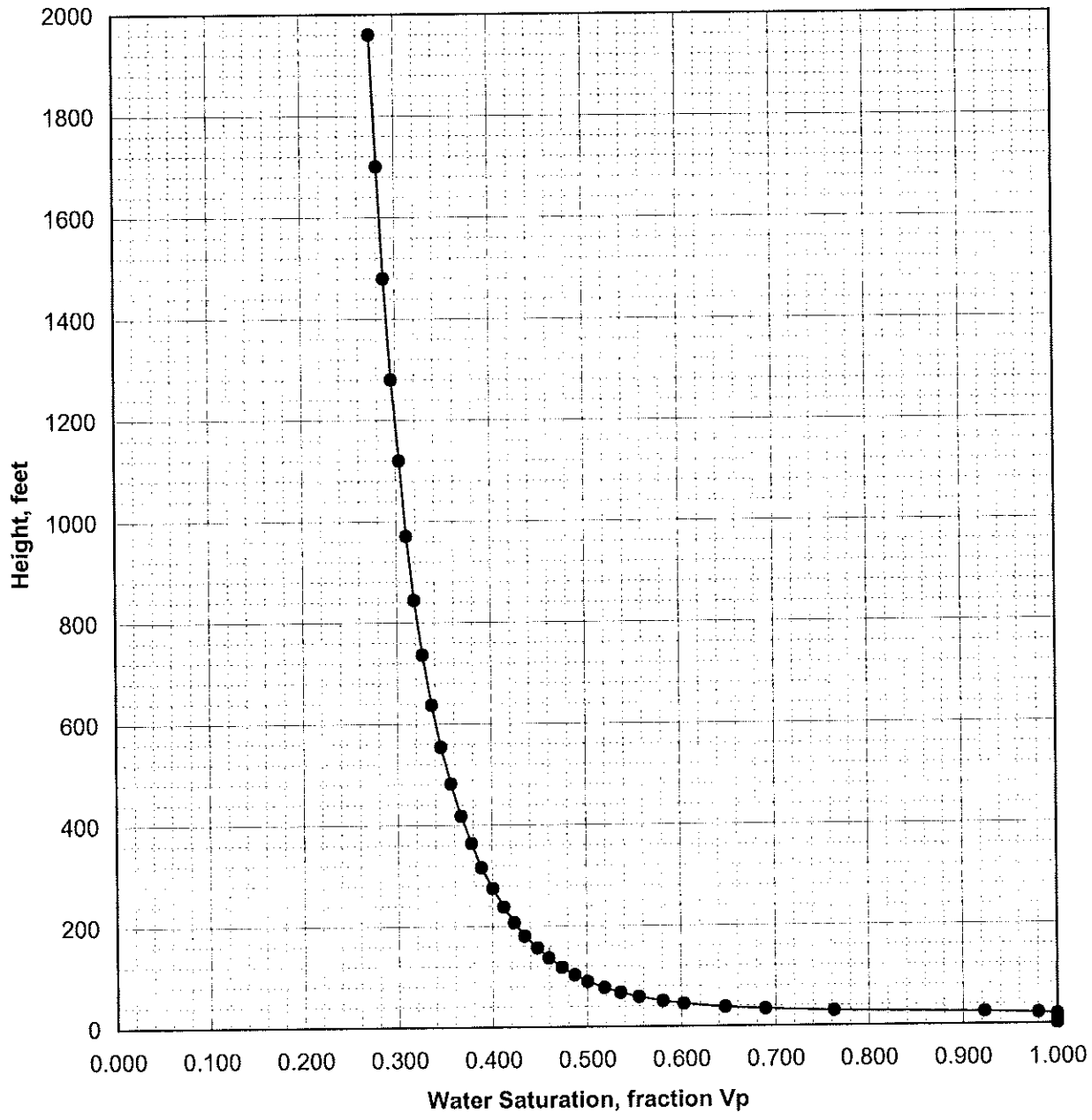
COMPANY:	Talisman Energy Inc.	FILE:	52132-08-6055
WELL:	East Simpson #2	FORMATION:	Albian - Nanushuk
Sample:	East Simpson #2 (2405')	Ambient Condition Air Permeability, mD:	67.6
Depth, feet:	2405.0	Ambient Condition Porosity, fraction:	0.263



Median Pore Throat Radius, µm:	1.16	Hydrocarbon Density Gradient, psi/feet:	0.376
		Water Density Gradient, psi/feet:	0.437

MERCURY INJECTION CAPILLARY PRESSURE

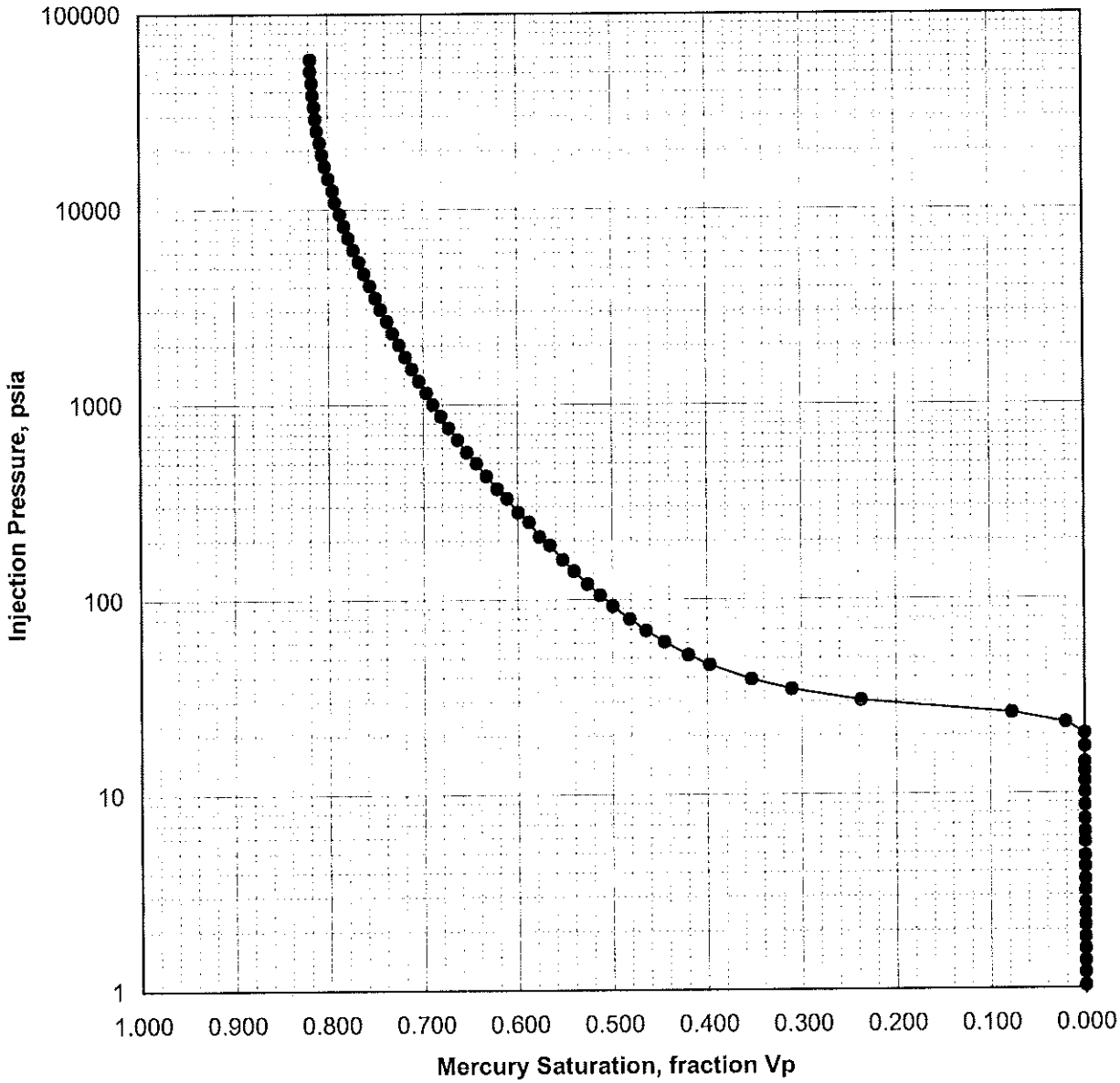
COMPANY:	Talisman Energy Inc.	FILE:	52132-08-6055
WELL:	East Simpson #2	FORMATION:	Albian - Nanushuk
Sample:	East Simpson #2 (2405')	Ambient Condition Air Permeability, mD:	67.6
Depth, feet:	2405.0	Ambient Condition Porosity, fraction:	0.263



Median Pore Throat Radius, µm:	1.16	Hydrocarbon Density Gradient, psi/feet:	0.376
		Water Density Gradient, psi/feet:	0.437

MERCURY INJECTION CAPILLARY PRESSURE

COMPANY:	Talisman Energy Inc.	FILE:	52132-08-6055
WELL:	East Simpson #2	FORMATION:	Albian - Nanushuk
Sample:	East Simpson #2 (2405')	Ambient Condition Air Permeability, mD:	67.6
Depth, feet:	2405.0	Ambient Condition Porosity, fraction:	0.263



Median Pore Throat Radius, µm:	1.16	Hydrocarbon Density Gradient, psi/feet:	0.376
		Water Density Gradient, psi/feet:	0.437

Core Laboratories
Advanced Rock Properties

MERCURY INJECTION DATA SUMMARY

Company:	Talisman Energy Inc.	Sample Number:	East Simpson #2 (6064')
Well:	East Simpson #2	Depth, feet:	6064.0
Field:	N/A	Air Permeability, mD:	0.77
Formation:	Albian - Torok	Porosity, fraction:	0.145
Country:	Alaska	File Number:	52132-08-6055

Injection Pressure, psia	Mercury Saturation, fraction	1.0-Mercury Saturation, fraction	Pore Radius, microns	J Function	Conversion to Other Laboratory Fluid Systems, psia			Est'd Height, feet Above Free Water	
					G-W	G-O	O-W	G-W	O-W
0.80	0.000	1.000	136	0.00108	0.152	0.052	0.066	N/A	0.73
0.90	0.000	1.000	120.0	0.00122	0.171	0.059	0.074	N/A	0.82
1.03	0.000	1.000	105.0	0.0014	0.196	0.067	0.085	N/A	0.94
1.20	0.000	1.000	89.8	0.00163	0.229	0.079	0.099	N/A	1.10
1.38	0.000	1.000	78.5	0.00187	0.262	0.090	0.114	N/A	1.26
1.6	0.000	1.000	67.8	0.00217	0.304	0.104	0.132	N/A	1.46
1.8	0.000	1.000	59.2	0.00248	0.348	0.119	0.151	N/A	1.67
2.1	0.000	1.000	51.8	0.00284	0.398	0.136	0.172	N/A	1.90
2.4	0.000	1.000	44.90	0.00327	0.458	0.157	0.198	N/A	2.2
2.8	0.000	1.000	39.20	0.00374	0.525	0.180	0.23	N/A	2.5
3.2	0.000	1.000	33.90	0.00433	0.607	0.208	0.26	N/A	2.9
3.6	0.000	1.000	29.80	0.00492	0.69	0.237	0.30	N/A	3.3
4.2	0.000	1.000	25.80	0.00569	0.798	0.274	0.35	N/A	3.8
4.8	0.000	1.000	22.70	0.00646	0.906	0.31	0.39	N/A	4.3
5.6	0.000	1.000	19.20	0.00766	1.07	0.368	0.47	N/A	5.1
6.3	0.000	1.000	17.10	0.00861	1.21	0.414	0.52	N/A	5.8
7.3	0.000	1.000	14.70	0.00997	1.40	0.479	0.61	N/A	6.7
8.7	0.000	1.000	12.50	0.0118	1.65	0.565	0.71	N/A	7.9
10.1	0.000	1.000	10.70	0.0137	1.9	0.658	0.83	N/A	9.2
11.5	0.000	1.000	9.38	0.0157	2.2	0.753	0.95	N/A	10.5
13.0	0.000	1.000	8.33	0.0176	2.5	0.847	1.07	N/A	11.8
14.4	0.000	1.000	7.500	0.0196	2.7	0.941	1.19	N/A	13.1
17.4	0.000	1.000	6.220	0.0236	3.3	1.14	1.4	N/A	15.8
20.3	0.000	1.000	5.330	0.0275	3.9	1.3	1.7	N/A	18.4
23.2	0.000	1.000	4.660	0.0315	4.4	1.5	1.9	N/A	21.1
26.1	0.000	1.000	4.150	0.0354	5.0	1.7	2.2	N/A	23.7
30.3	0.000	1.000	3.560	0.0412	5.8	2.0	2.5	N/A	27.6
34.7	0.000	1.000	3.110	0.0472	6.61	2.3	2.9	N/A	31.6
39.0	0.000	1.000	2.770	0.053	7.43	2.6	3.2	N/A	35.5
46.4	0.000	1.000	2.330	0.063	8.83	3.0	3.8	N/A	42.2
52.1	0.000	1.000	2.0700	0.0708	9.92	3.4	4.3	N/A	47.5
60.8	0.000	1.000	1.7800	0.0825	11.6	3.97	5.01	N/A	55.3
69.4	0.000	1.000	1.5600	0.0943	13.2	4.53	5.72	N/A	63.1
79.6	0.000	1.000	1.3600	0.108	15.1	5.19	6.56	N/A	72.4
92.5	0.000	1.000	1.1700	0.126	17.6	6.04	7.63	N/A	84.2
110	0.000	1.000	1.0300	0.143	20.1	6.88	8.69	N/A	95.9
120	0.020	0.980	0.8910	0.165	23.1	7.92	10	N/A	110.0
140	0.091	0.909	0.7720	0.19	26.7	9.15	11.6	N/A	128.0
160	0.255	0.745	0.6680	0.22	30.8	10.6	13.3	N/A	147.0
190	0.333	0.667	0.5800	0.253	35.5	12.2	15.4	N/A	170.0
210	0.379	0.621	0.5060	0.29	40.7	14	17.6	N/A	194.0
250	0.415	0.585	0.4410	0.333	46.7	16	20.2	N/A	223

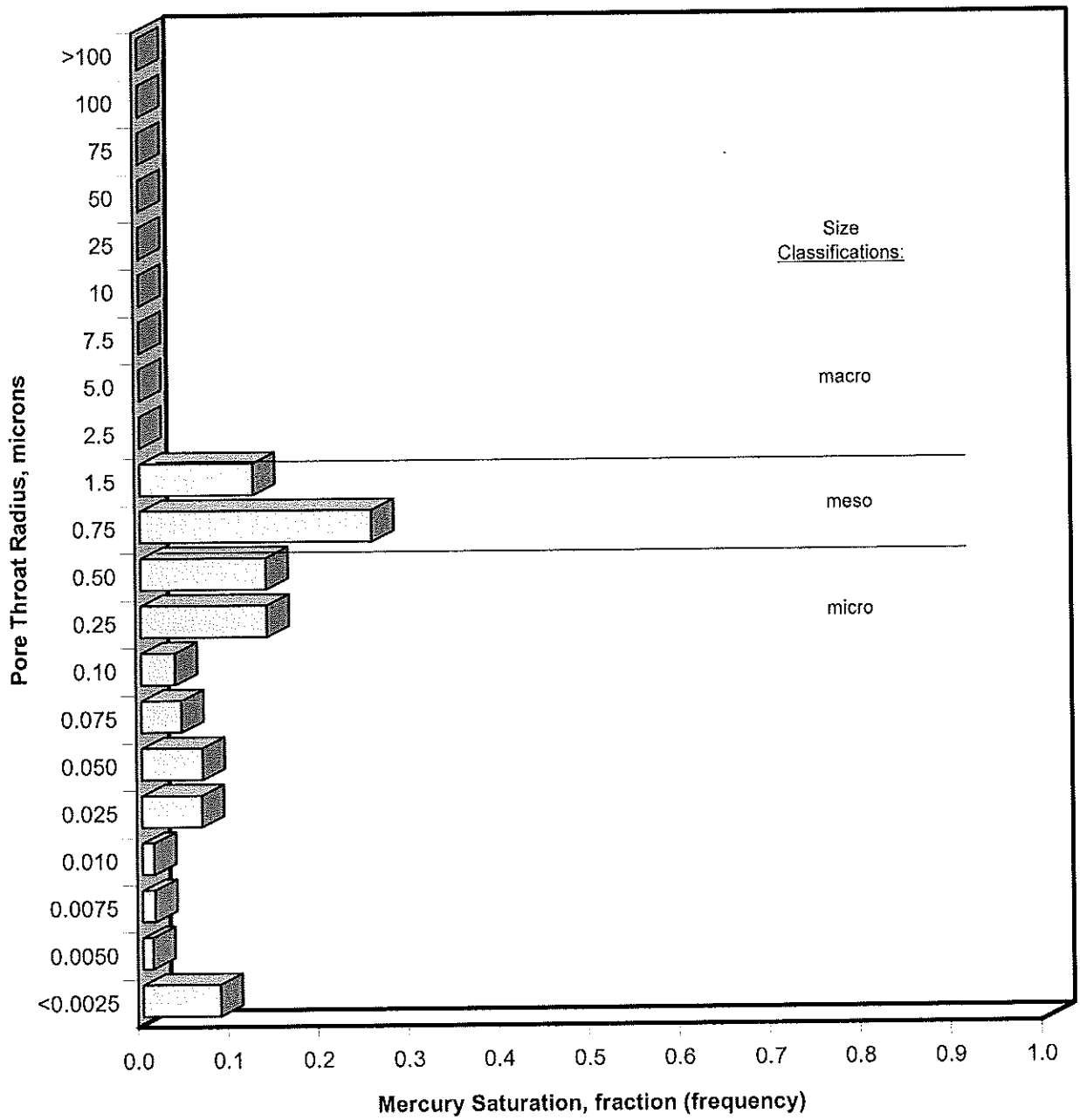
MERCURY INJECTION DATA SUMMARY

Company:	Talisman Energy Inc.	Sample Number:	East Simpson #2 (6064')
Well:	East Simpson #2	Depth, feet:	6064.0
Field:	N/A	Air Permeability, mD:	0.77
Formation:	Albian - Torok	Porosity, fraction:	0.145
Country:	Alaska	File Number:	52132-08-6055

Injection Pressure, psia	Mercury Saturation, fraction	1.0-Mercury Saturation, fraction	Pore Radius, microns	J Function	Conversion to Other Laboratory Fluid Systems, psia			Est'd Height, feet Above Free Water	
					G-W	G-O	O-W	G-W	O-W
280	0.446	0.554	0.3810	0.385	54	18.5	23.4	N/A	258
330	0.472	0.528	0.3320	0.442	61.9	21.2	26.8	N/A	296
370	0.497	0.503	0.2890	0.508	71.3	24.4	30.9	N/A	341
430	0.520	0.480	0.2510	0.584	81.9	28.1	35.5	N/A	392
500	0.542	0.458	0.2180	0.673	94.4	32.4	40.9	N/A	452
570	0.564	0.436	0.1890	0.776	109	37.3	47.1	N/A	520
660	0.588	0.412	0.1650	0.891	125	42.8	54.1	N/A	597
760	0.610	0.390	0.1430	1.03	144	49.3	62.2	N/A	687
870	0.632	0.368	0.1240	1.18	166	56.8	71.7	N/A	792
1000	0.649	0.351	0.1080	1.36	190	65.2	82.4	N/A	910
1150	0.670	0.330	0.0941	1.56	219	75	94.8	N/A	1050
1320	0.687	0.313	0.0817	1.8	252	86.4	109	N/A	1200
1520	0.706	0.294	0.0709	2.07	290	99.5	126	N/A	1390
1750	0.722	0.278	0.0616	2.38	334	114	145	N/A	1600
2020	0.736	0.264	0.0536	2.74	384	132	166	N/A	1830
2320	0.750	0.250	0.0466	3.15	441	151	191	N/A	2110
2670	0.764	0.236	0.0405	3.62	508	174	220	N/A	2430
3070	0.778	0.222	0.0352	4.17	585	200	253	N/A	2790
3540	0.792	0.208	0.0306	4.81	674	231	292	N/A	3220
4070	0.805	0.195	0.0266	5.52	774	265	335	N/A	3700
4680	0.817	0.183	0.0231	6.35	891	305	386	N/A	4260
5390	0.830	0.170	0.0201	7.31	1030	352	444	N/A	4900
6200	0.841	0.159	0.0174	8.42	1180	405	511	N/A	5640
7130	0.852	0.148	0.0152	9.68	1360	465	588	N/A	6490
8220	0.861	0.139	0.0132	11.2	1560	536	677	N/A	7470
9430	0.869	0.131	0.0115	12.8	1800	616	777	N/A	8580
10870	0.877	0.123	0.0100	14.8	2070	709	896	N/A	9890
12490	0.885	0.115	0.0087	17	2380	815	1030	N/A	11400
14380	0.890	0.110	0.0075	19.5	2740	939	1190	N/A	13100
16590	0.896	0.104	0.0065	22.5	3160	1080	1370	N/A	15100
19050	0.901	0.099	0.0057	25.9	3630	1240	1570	N/A	17300
21920	0.904	0.096	0.0049	29.8	4170	1430	1810	N/A	20000
25190	0.907	0.093	0.0043	34.2	4800	1640	2080	N/A	23000
29000	0.910	0.090	0.0037	39.4	5520	1890	2390	N/A	26400
33470	0.912	0.088	0.0032	45.5	6370	2180	2760	N/A	30500
38460	0.913	0.087	0.0028	52.2	7320	2510	3170	N/A	35000
44190	0.915	0.085	0.0025	60	8410	2880	3640	N/A	40200
50900	0.915	0.085	0.0021	69.1	9690	3320	4200	N/A	46400
58460	0.915	0.085	0.0019	79.4	11100	3820	4820	N/A	53200

MERCURY INJECTION CAPILLARY PRESSURE

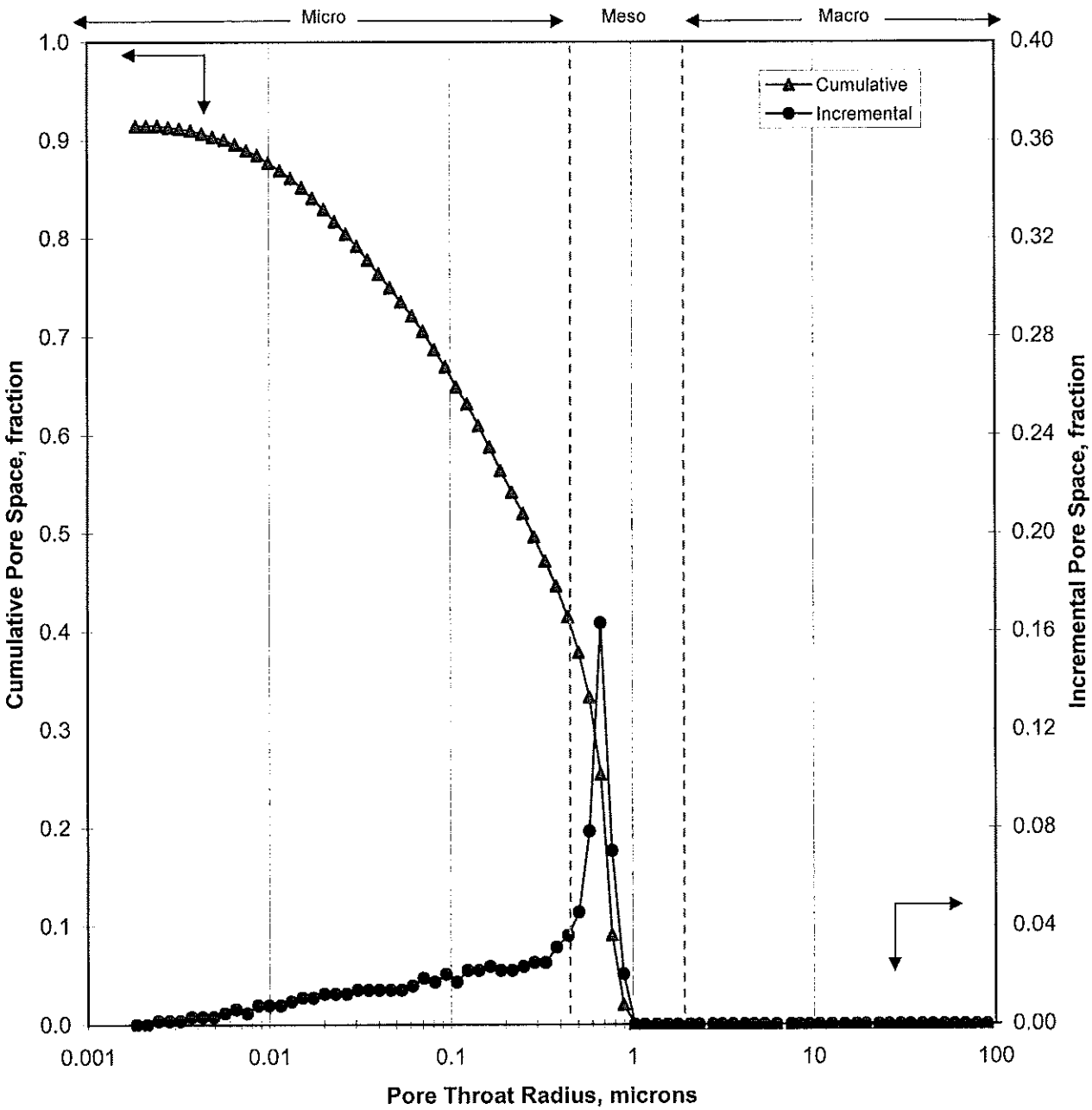
COMPANY:	Talisman Energy Inc.	FILE:	52132-08-6055
WELL:	East Simpson #2	FORMATION:	Albian - Torok
Sample:	East Simpson #2 (6064')	Ambient Condition Air Permeability, mD:	0.77
Depth, feet:	6064.0	Ambient Condition Porosity, fraction:	0.145



Median Pore Throat Radius, µm:	0.284	Hydrocarbon Density Gradient, psi/feet:	0.365
		Water Density Gradient, psi/feet:	0.430

MERCURY INJECTION CAPILLARY PRESSURE

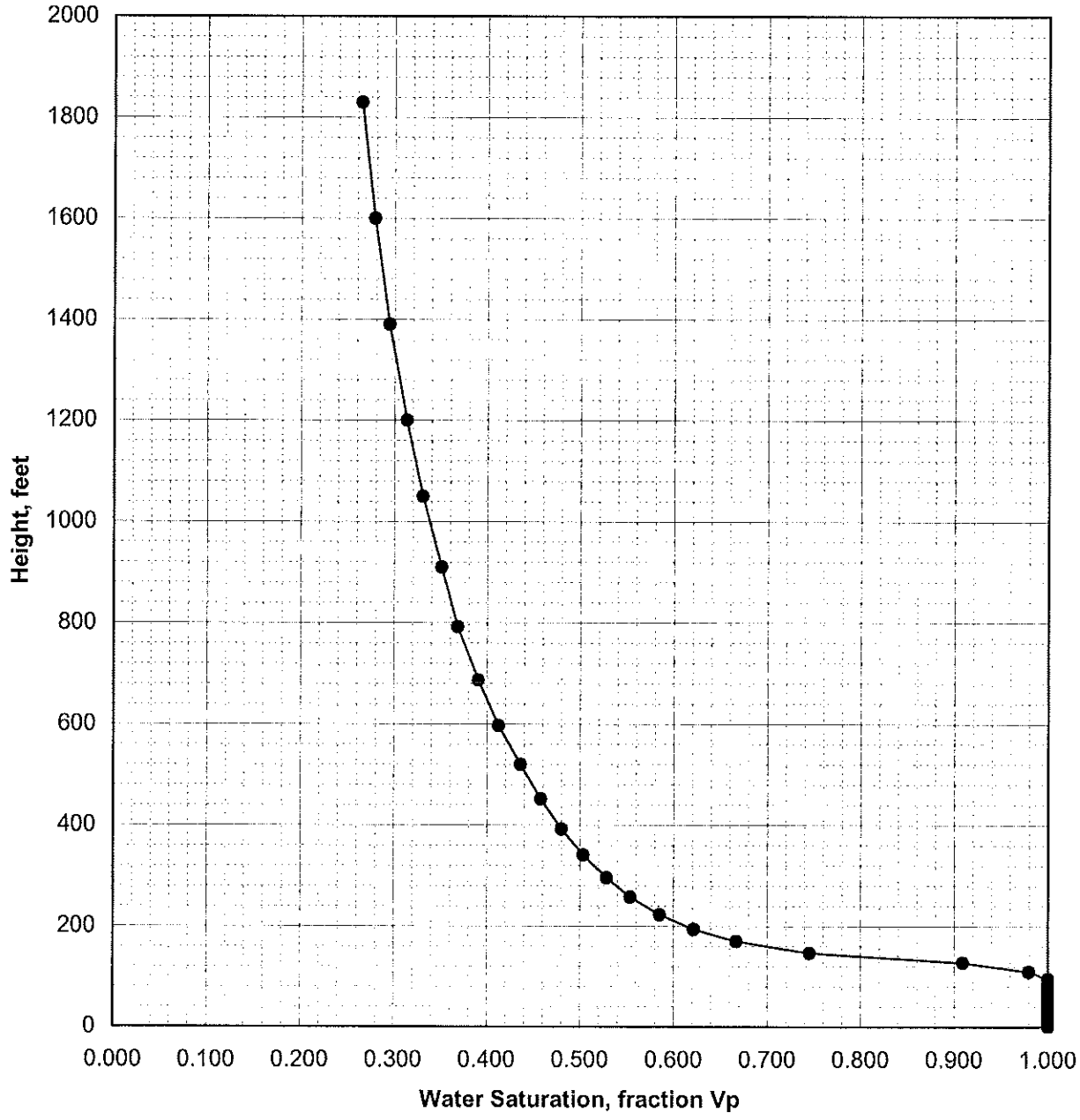
COMPANY:	Talisman Energy Inc.	FILE:	52132-08-6055
WELL:	East Simpson #2	FORMATION:	Albian - Torok
Sample:	East Simpson #2 (6064')	Ambient Condition Air Permeability, mD:	0.77
Depth, feet:	6064.0	Ambient Condition Porosity, fraction:	0.145



Median Pore Throat Radius, µm:	0.284	Hydrocarbon Density Gradient, psi/feet:	0.365
		Water Density Gradient, psi/feet:	0.430

MERCURY INJECTION CAPILLARY PRESSURE

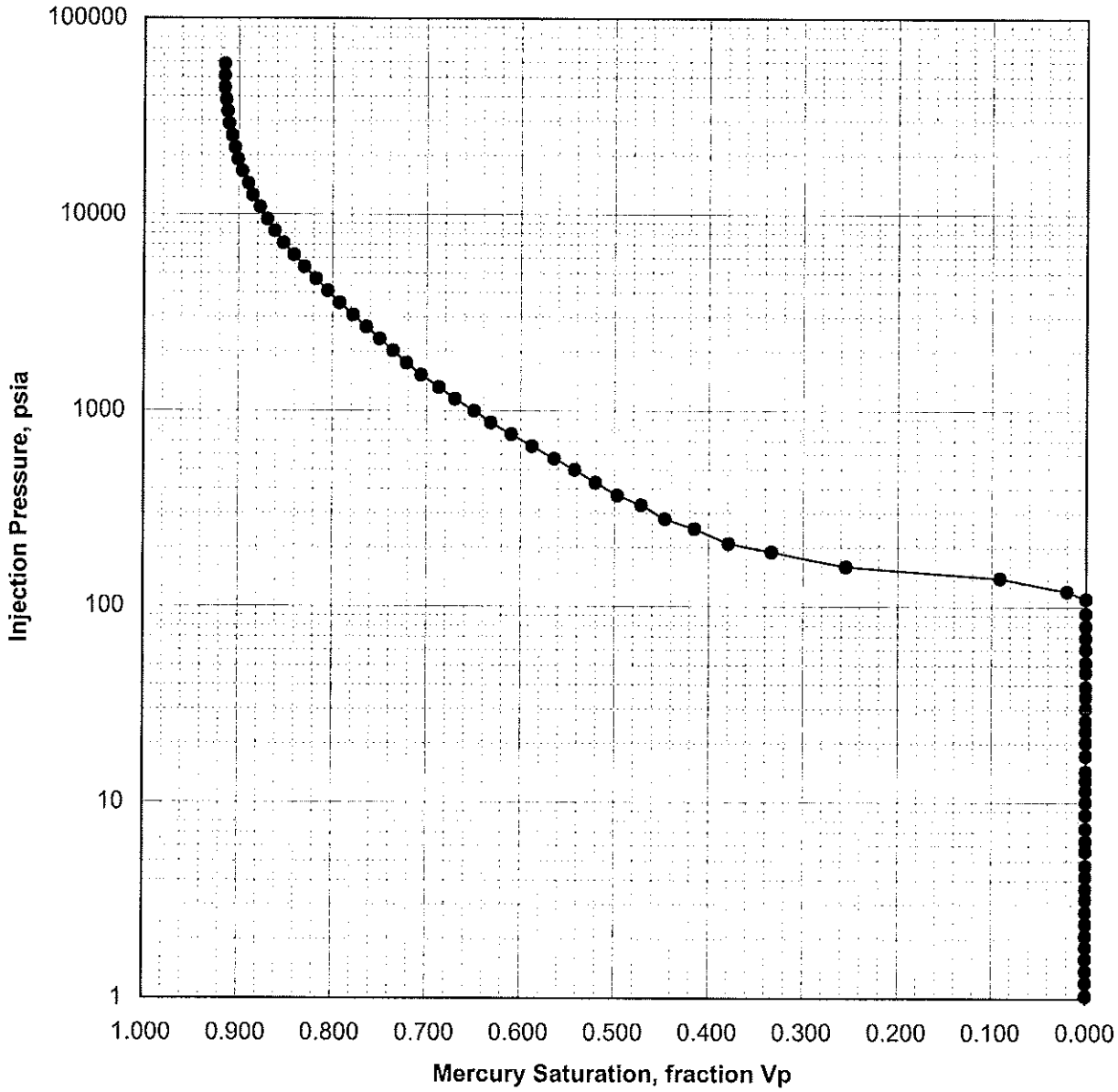
COMPANY:	Talisman Energy Inc.	FILE:	52132-08-6055
WELL:	East Simpson #2	FORMATION:	Albian - Torok
Sample:	East Simpson #2 (6064')	Ambient Condition Air Permeability, mD:	0.77
Depth, feet:	6064.0	Ambient Condition Porosity, fraction:	0.145



Median Pore Throat Radius, µm:	0.284	Hydrocarbon Density Gradient, psi/feet:	0.365
		Water Density Gradient, psi/feet:	0.430

MERCURY INJECTION CAPILLARY PRESSURE

COMPANY:	Talisman Energy Inc.	FILE:	52132-08-6055
WELL:	East Simpson #2	FORMATION:	Albian - Torok
Sample:	East Simpson #2 (6064')	Ambient Condition Air Permeability, mD:	0.77
Depth, feet:	6064.0	Ambient Condition Porosity, fraction:	0.145



Median Pore Throat Radius, µm:	0.284	Hydrocarbon Density Gradient, psi/feet:	0.365
		Water Density Gradient, psi/feet:	0.430

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MERCURY INJECTION DATA SUMMARY

Company:	Talisman Energy Inc.	Sample Number:	East Simpson #2 (6066.5')
Well:	East Simpson #2	Depth, feet:	6066.5
Field:	N/A	Air Permeability, mD:	2.78
Formation:	Albian - Torok	Porosity, fraction:	0.137
Country:	Alaska	File Number:	52132-08-6055

Injection Pressure, psia	Mercury Saturation, fraction	1.0-Mercury Saturation, fraction	Pore Radius, microns	J Function	Conversion to Other Laboratory Fluid Systems, psia			Est'd Height, feet Above Free Water	
					G-W	G-O	O-W	G-W	O-W
0.80	0.000	1.000	136	0.00212	0.152	0.052	0.066	N/A	0.73
1.03	0.000	1.000	105.0	0.00273	0.196	0.067	0.085	N/A	0.94
1.20	0.000	1.000	89.8	0.0032	0.229	0.079	0.099	N/A	1.09
1.38	0.000	1.000	78.5	0.00366	0.262	0.090	0.114	N/A	1.26
1.60	0.000	1.000	67.8	0.00424	0.304	0.104	0.132	N/A	1.46
1.8	0.000	1.000	59.2	0.00485	0.348	0.119	0.151	N/A	1.67
2.1	0.000	1.000	51.4	0.00559	0.40	0.137	0.173	N/A	1.91
2.4	0.000	1.000	45.2	0.00636	0.456	0.156	0.197	N/A	2.17
2.7	0.000	1.000	39.40	0.00728	0.522	0.179	0.226	N/A	2.5
3.2	0.000	1.000	34.00	0.00844	0.605	0.207	0.26	N/A	2.9
3.6	0.000	1.000	29.90	0.00959	0.687	0.236	0.30	N/A	3.3
4.2	0.000	1.000	25.80	0.0111	0.798	0.274	0.35	N/A	3.8
4.8	0.000	1.000	22.70	0.0126	0.906	0.31	0.39	N/A	4.3
5.6	0.000	1.000	19.20	0.0149	1.07	0.367	0.46	N/A	5.1
6.3	0.000	1.000	17.10	0.0168	1.21	0.414	0.52	N/A	5.8
7.4	0.000	1.000	14.70	0.0195	1.40	0.48	0.61	N/A	6.7
8.6	0.000	1.000	12.50	0.023	1.65	0.564	0.71	N/A	7.9
10.1	0.000	1.000	10.70	0.0268	1.92	0.658	0.83	N/A	9.2
11.5	0.000	1.000	9.38	0.0306	2.2	0.753	0.95	N/A	10.5
13.0	0.000	1.000	8.35	0.0344	2.5	0.845	1.07	N/A	11.8
14.4	0.000	1.000	7.51	0.0383	2.7	0.94	1.19	N/A	13.1
17.3	0.000	1.000	6.240	0.046	3.3	1.13	1.43	N/A	15.8
20.3	0.000	1.000	5.330	0.0539	3.9	1.32	1.7	N/A	18.4
23.2	0.000	1.000	4.670	0.0615	4.4	1.5	1.9	N/A	21.1
26.1	0.000	1.000	4.140	0.0693	5.0	1.7	2.2	N/A	23.7
30.7	0.000	1.000	3.520	0.0816	5.9	2.0	2.5	N/A	27.9
35.2	0.000	1.000	3.070	0.0935	6.7	2.3	2.9	N/A	32.0
39.7	0.000	1.000	2.730	0.105	7.55	2.6	3.3	N/A	36.1
47.0	0.000	1.000	2.300	0.125	8.95	3.1	3.9	N/A	42.8
52.8	0.000	1.000	2.050	0.14	10.1	3.5	4.4	N/A	48.0
61.5	0.000	1.000	1.7600	0.163	11.7	4.0	5.07	N/A	55.9
70.2	0.000	1.000	1.5400	0.186	13.4	4.58	5.79	N/A	63.9
80.4	0.000	1.000	1.3400	0.214	15.3	5.25	6.63	N/A	73.1
93.3	0.000	1.000	1.1600	0.248	17.8	6.09	7.69	N/A	84.8
106.4	0.000	1.000	1.0200	0.283	20.2	6.94	8.77	N/A	96.8
120	0.000	1.000	0.8840	0.325	23.3	7.98	10.1	N/A	111.0
140	0.024	0.976	0.7670	0.374	26.8	9.2	11.6	N/A	128.0
160	0.082	0.918	0.6660	0.431	30.9	10.6	13.4	N/A	148.0
190	0.185	0.815	0.5800	0.495	35.5	12.2	15.4	N/A	170.0
210	0.277	0.723	0.5050	0.568	40.7	14	17.6	N/A	194.0
250	0.326	0.674	0.4410	0.652	46.7	16	20.2	N/A	223.0
280	0.365	0.635	0.3820	0.752	53.9	18.5	23.3	N/A	257

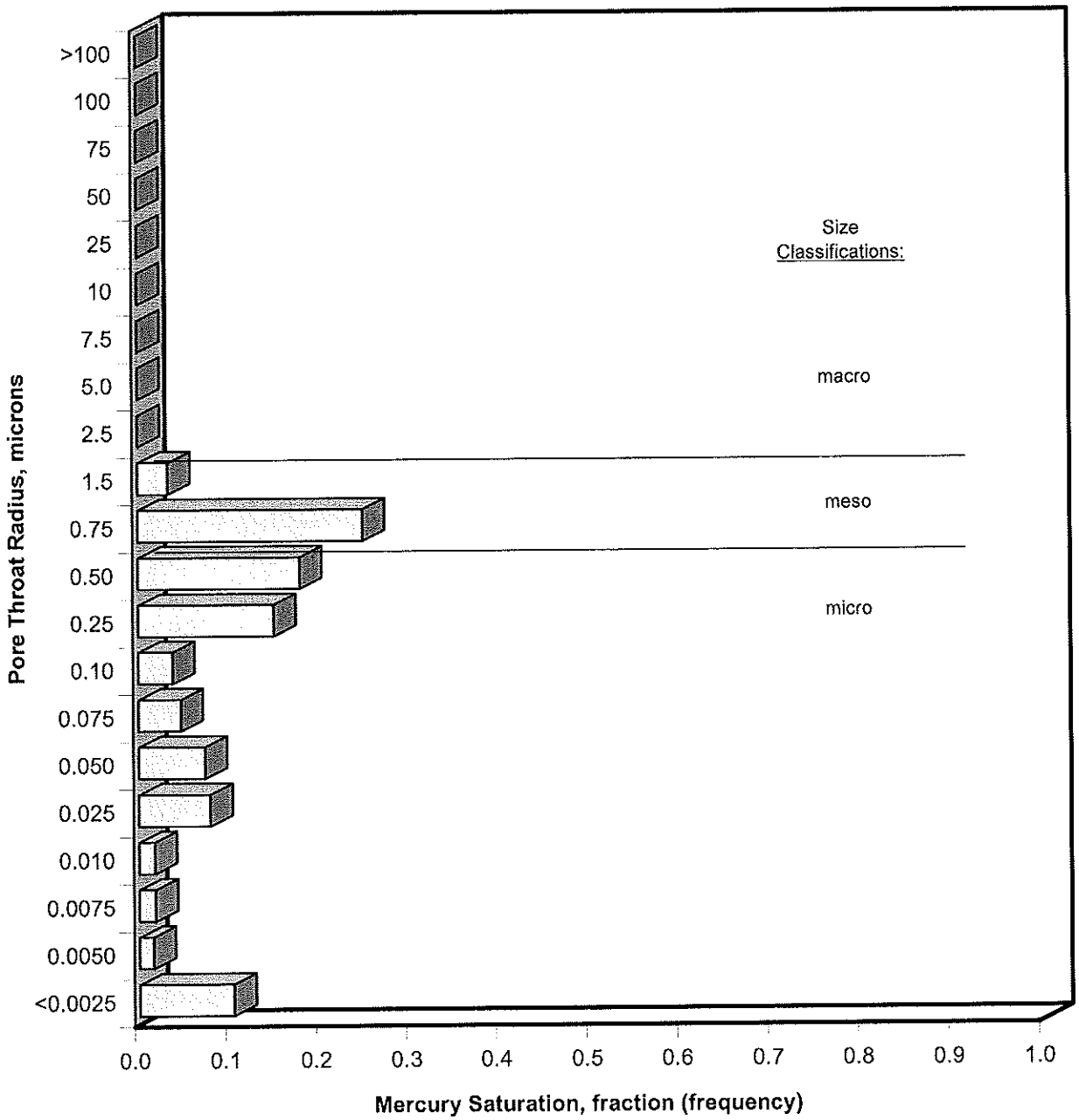
MERCURY INJECTION DATA SUMMARY

Company:	Talisman Energy Inc.	Sample Number:	East Simpson #2 (6066.5')
Well:	East Simpson #2	Depth, feet:	6066.5
Field:	N/A	Air Permeability, mD:	2.78
Formation:	Albian - Torok	Porosity, fraction:	0.137
Country:	Alaska	File Number:	52132-08-6055

Injection Pressure, psia	Mercury Saturation, fraction	1.0-Mercury Saturation, fraction	Pore Radius, microns	J Function	Conversion to Other Laboratory Fluid Systems, psia			Est'd Height, feet Above Free Water	
					G-W	G-O	O-W	G-W	O-W
330	0.399	0.601	0.3330	0.863	61.9	21.2	26.8	N/A	296
370	0.430	0.570	0.2890	0.995	71.3	24.4	30.9	N/A	341
430	0.459	0.541	0.2510	1.14	82	28.1	35.5	N/A	392
500	0.486	0.514	0.2180	1.32	94.3	32.3	40.8	N/A	450
570	0.511	0.489	0.1900	1.51	108	37.2	47	N/A	519
660	0.533	0.467	0.1650	1.74	125	42.8	54	N/A	596
760	0.557	0.443	0.1430	2.01	144	49.4	62.4	N/A	688
870	0.578	0.422	0.1240	2.31	165	56.7	71.6	N/A	790
1000	0.599	0.401	0.1080	2.65	190	65.2	82.4	N/A	909
1150	0.617	0.383	0.0942	3.05	219	74.9	94.6	N/A	1040
1320	0.636	0.364	0.0817	3.51	252	86.3	109	N/A	1200
1520	0.654	0.346	0.0710	4.05	290	99.4	126	N/A	1390
1750	0.671	0.329	0.0618	4.65	333	114	144	N/A	1590
2020	0.686	0.314	0.0536	5.35	384	132	166	N/A	1830
2320	0.701	0.299	0.0466	6.17	442	152	191	N/A	2110
2670	0.716	0.284	0.0405	7.09	508	174	220	N/A	2430
3070	0.731	0.269	0.0352	8.16	585	201	253	N/A	2790
3530	0.747	0.253	0.0306	9.38	672	230	291	N/A	3210
4070	0.760	0.240	0.0266	10.8	774	265	335	N/A	3700
4680	0.775	0.225	0.0231	12.4	892	306	386	N/A	4260
5390	0.789	0.211	0.0201	14.3	1030	352	444	N/A	4900
6200	0.804	0.196	0.0174	16.5	1180	404	511	N/A	5640
7130	0.816	0.184	0.0152	18.9	1360	465	588	N/A	6490
8200	0.827	0.173	0.0132	21.8	1560	535	676	N/A	7460
9430	0.837	0.163	0.0115	25.1	1800	616	778	N/A	8580
10860	0.846	0.154	0.0100	28.8	2070	709	895	N/A	9870
12490	0.856	0.144	0.0087	33.2	2380	815	1030	N/A	11400
14390	0.863	0.137	0.0075	38.2	2740	939	1190	N/A	13100
16590	0.871	0.129	0.0065	44.1	3160	1080	1370	N/A	15100
19030	0.876	0.124	0.0057	50.5	3620	1240	1570	N/A	17300
21920	0.881	0.119	0.0049	58.2	4170	1430	1810	N/A	20000
25230	0.886	0.114	0.0043	67	4800	1650	2080	N/A	22900
29010	0.890	0.110	0.0037	77.1	5520	1890	2390	N/A	26400
33480	0.893	0.107	0.0032	88.9	6370	2190	2760	N/A	30400
38480	0.895	0.105	0.0028	102	7330	2510	3170	N/A	35000
44220	0.896	0.104	0.0024	117	8420	2890	3650	N/A	40300
50940	0.898	0.102	0.0021	135	9700	3330	4200	N/A	46300
58550	0.898	0.102	0.0019	155	11100	3820	4830	N/A	53300

MERCURY INJECTION CAPILLARY PRESSURE

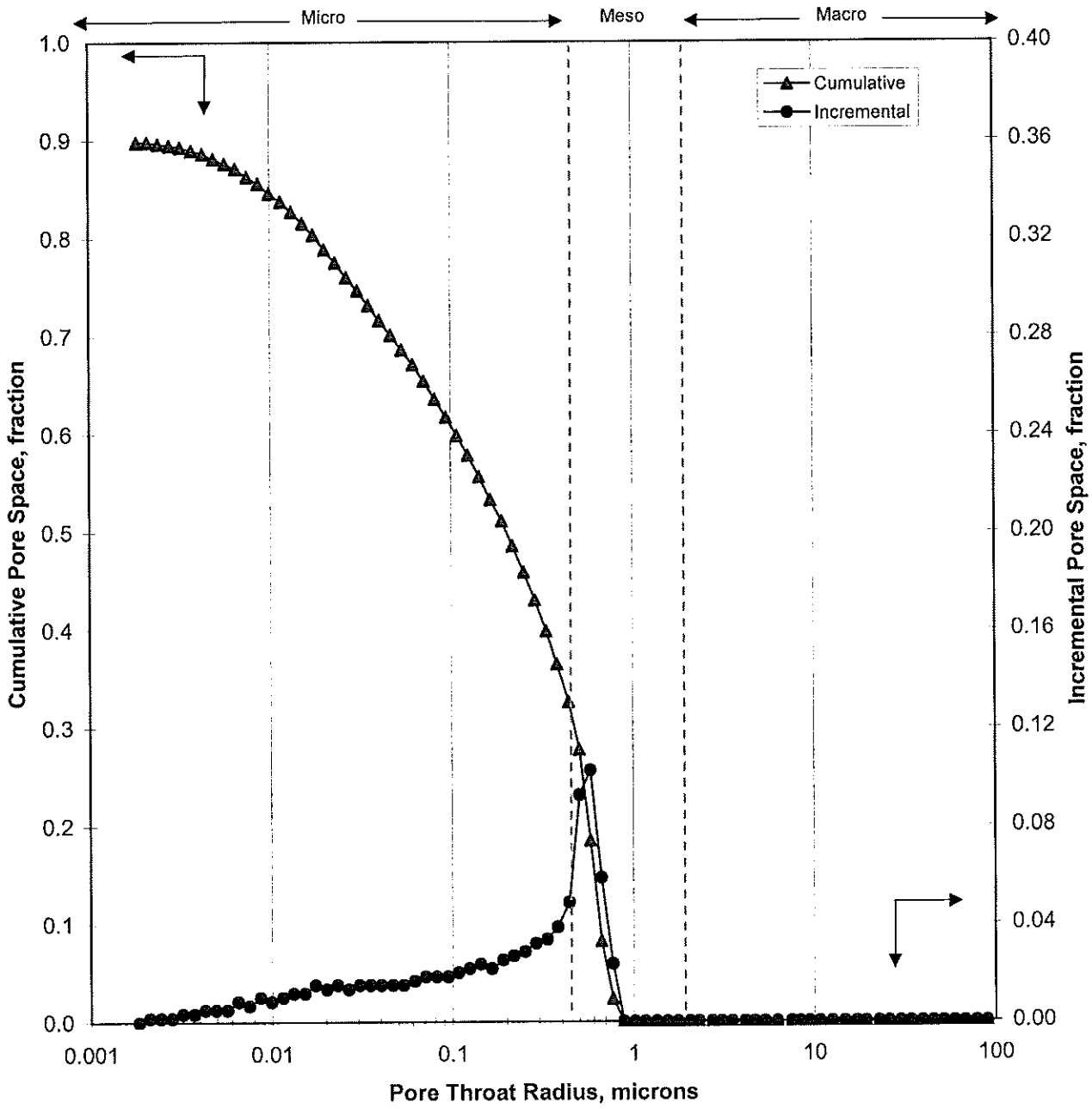
COMPANY:	Talisman Energy Inc.	FILE:	52132-08-6055
WELL:	East Simpson #2	FORMATION:	Albian - Torok
Sample:	East Simpson #2 (6066.5')	Ambient Condition Air Permeability, mD:	2.78
Depth, feet:	6066.5	Ambient Condition Porosity, fraction:	0.137



Median Pore Throat Radius, µm:	0.202	Hydrocarbon Density Gradient, psi/feet:	0.365
		Water Density Gradient, psi/feet:	0.430

MERCURY INJECTION CAPILLARY PRESSURE

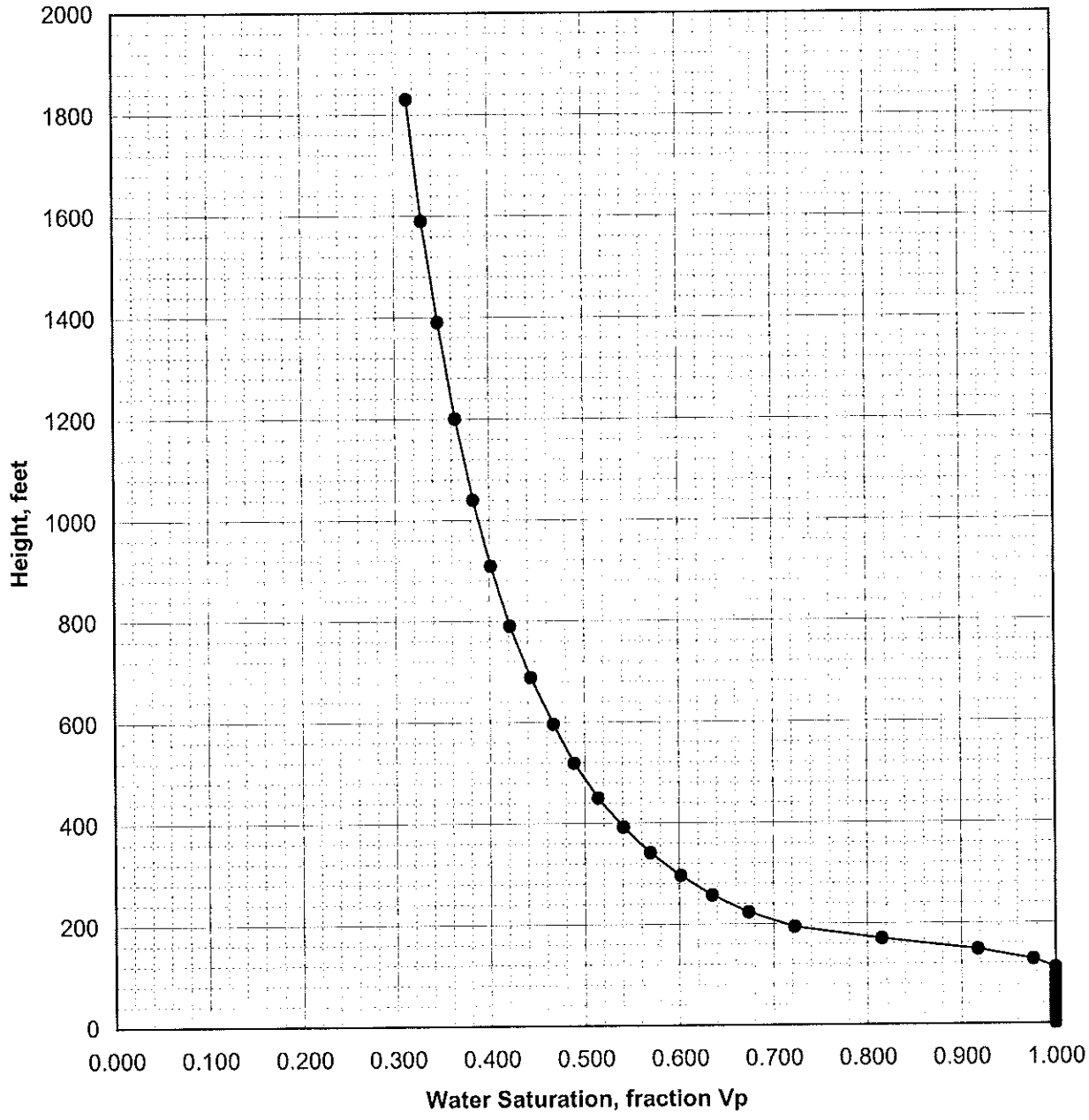
COMPANY:	Talisman Energy Inc.	FILE:	52132-08-6055
WELL:	East Simpson #2	FORMATION:	Albian - Torok
Sample:	East Simpson #2 (6066.5')	Ambient Condition Air Permeability, mD:	2.78
Depth, feet:	6066.5	Ambient Condition Porosity, fraction:	0.137



Median Pore Throat Radius, µm:	0.202	Hydrocarbon Density Gradient, psi/feet:	0.365
		Water Density Gradient, psi/feet:	0.430

MERCURY INJECTION CAPILLARY PRESSURE

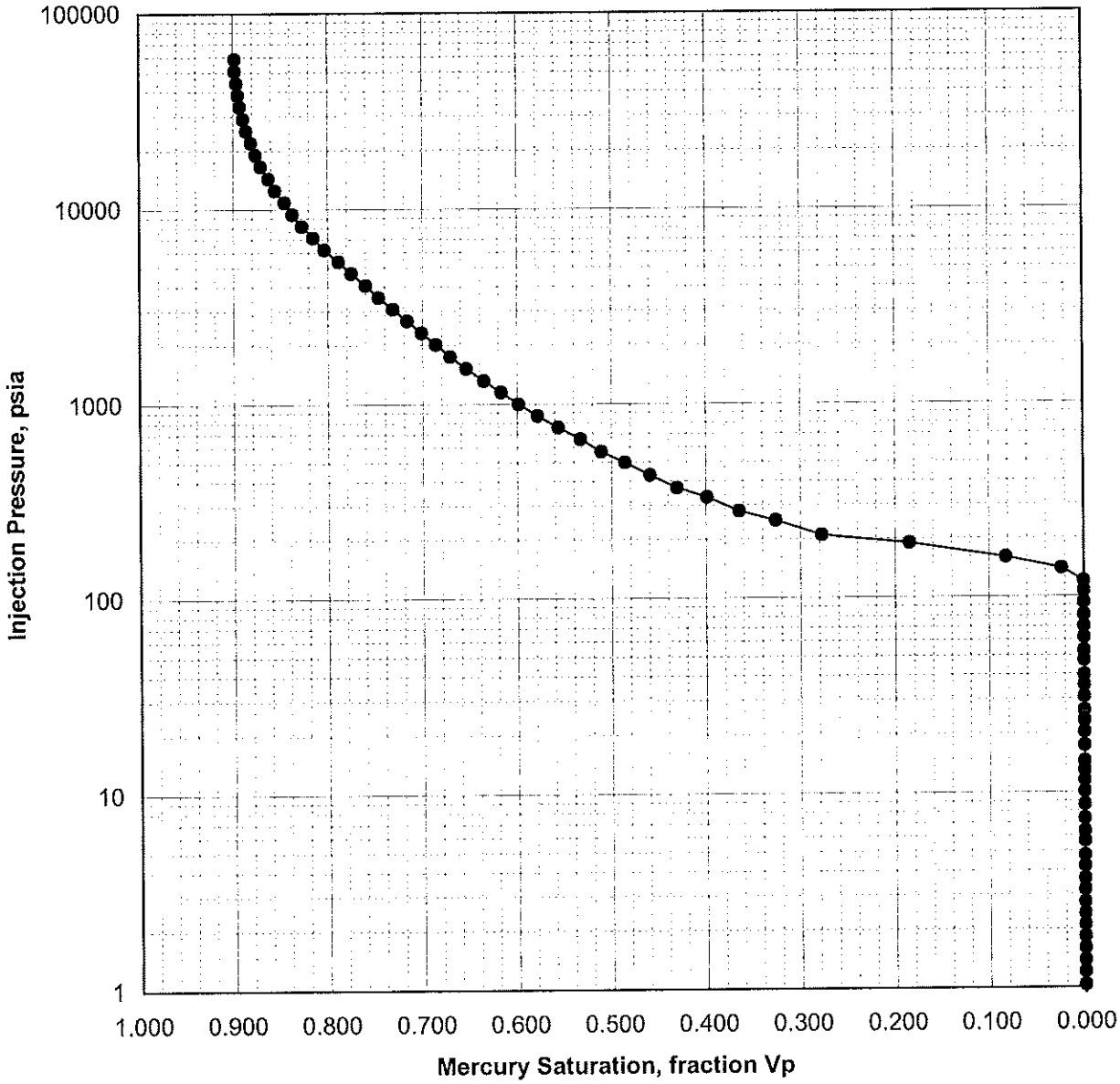
COMPANY:	Talisman Energy Inc.	FILE:	52132-08-6055
WELL:	East Simpson #2	FORMATION:	Albian - Torok
Sample:	East Simpson #2 (6066.5')	Ambient Condition Air Permeability, mD:	2.78
Depth, feet:	6066.5	Ambient Condition Porosity, fraction:	0.137



Median Pore Throat Radius, µm:	0.202	Hydrocarbon Density Gradient, psi/feet:	0.365
		Water Density Gradient, psi/feet:	0.430

MERCURY INJECTION CAPILLARY PRESSURE

COMPANY:	Talisman Energy Inc.	FILE:	52132-08-6055
WELL:	East Simpson #2	FORMATION:	Albian - Torok
Sample:	East Simpson #2 (6066.5')	Ambient Condition Air Permeability, mD:	2.78
Depth, feet:	6066.5	Ambient Condition Porosity, fraction:	0.137



Median Pore Throat Radius, µm:	0.202	Hydrocarbon Density Gradient, psi/feet:	0.365
		Water Density Gradient, psi/feet:	0.430

Core Laboratories

Advanced Rock Properties

MERCURY INJECTION DATA SUMMARY

Company:	Talisman Energy Inc.	Sample Number:	East Simpson #2 (6070')
Well:	East Simpson #2	Depth, feet:	6070.0
Field:	N/A	Air Permeability, mD:	0.90
Formation:	Albian - Torok	Porosity, fraction:	0.137
Country:	Alaska	File Number:	52132-08-6055

Injection Pressure, psia	Mercury Saturation, fraction	1.0-Mercury Saturation, fraction	Pore Radius, microns	J Function	Conversion to Other Laboratory Fluid Systems, psia			Est'd Height, feet Above Free Water	
					G-W	G-O	O-W	G-W	O-W
0.80	0.000	1.000	136	0.0012	0.152	0.052	0.066	N/A	0.73
0.90	0.000	1.000	120.0	0.00136	0.171	0.059	0.074	N/A	0.82
1.03	0.000	1.000	105.0	0.00156	0.196	0.067	0.085	N/A	0.94
1.20	0.000	1.000	89.8	0.00182	0.229	0.079	0.099	N/A	1.09
1.38	0.000	1.000	78.5	0.00208	0.262	0.090	0.114	N/A	1.26
1.6	0.000	1.000	67.8	0.00241	0.304	0.104	0.132	N/A	1.46
1.8	0.000	1.000	59.2	0.00276	0.348	0.119	0.151	N/A	1.67
2.1	0.000	1.000	51.8	0.00315	0.398	0.136	0.172	N/A	1.90
2.4	0.000	1.000	44.90	0.00364	0.458	0.157	0.198	N/A	2.2
2.8	0.000	1.000	39.20	0.00416	0.525	0.180	0.23	N/A	2.5
3.2	0.000	1.000	33.90	0.00482	0.607	0.208	0.26	N/A	2.9
3.6	0.000	1.000	29.80	0.00548	0.69	0.237	0.30	N/A	3.3
4.2	0.000	1.000	25.80	0.00633	0.798	0.274	0.35	N/A	3.8
4.8	0.000	1.000	22.70	0.00718	0.906	0.31	0.39	N/A	4.3
5.6	0.000	1.000	19.20	0.00852	1.07	0.368	0.47	N/A	5.1
6.3	0.000	1.000	17.10	0.00957	1.21	0.414	0.52	N/A	5.8
7.3	0.000	1.000	14.70	0.0111	1.40	0.479	0.61	N/A	6.7
8.7	0.000	1.000	12.50	0.0131	1.65	0.565	0.71	N/A	7.9
10.1	0.000	1.000	10.70	0.0152	1.9	0.658	0.83	N/A	9.2
11.5	0.000	1.000	9.38	0.0174	2.2	0.753	0.95	N/A	10.5
13.0	0.000	1.000	8.33	0.0196	2.5	0.847	1.07	N/A	11.8
14.4	0.000	1.000	7.500	0.0218	2.7	0.941	1.19	N/A	13.1
17.4	0.000	1.000	6.220	0.0263	3.3	1.14	1.4	N/A	15.8
20.3	0.000	1.000	5.330	0.0306	3.9	1.3	1.7	N/A	18.4
23.2	0.000	1.000	4.660	0.035	4.4	1.5	1.9	N/A	21.1
26.1	0.000	1.000	4.140	0.0394	5.0	1.7	2.2	N/A	23.7
30.4	0.000	1.000	3.560	0.0459	5.8	2.0	2.5	N/A	27.6
34.8	0.000	1.000	3.110	0.0525	6.62	2.3	2.9	N/A	31.7
39.1	0.000	1.000	2.770	0.059	7.44	2.6	3.2	N/A	35.5
46.4	0.000	1.000	2.330	0.0701	8.84	3.0	3.8	N/A	42.3
52.2	0.000	1.000	2.0700	0.0788	9.93	3.4	4.3	N/A	47.4
60.8	0.000	1.000	1.7800	0.0918	11.6	3.97	5.01	N/A	55.3
69.5	0.000	1.000	1.5600	0.105	13.2	4.53	5.73	N/A	63.2
79.6	0.000	1.000	1.3600	0.12	15.2	5.2	6.56	N/A	72.4
92.5	0.000	1.000	1.1700	0.14	17.6	6.04	7.63	N/A	84.2
110	0.030	0.970	1.0300	0.159	20.1	6.88	8.69	N/A	95.9
120	0.145	0.855	0.8930	0.183	23.1	7.91	9.98	N/A	110.0
140	0.283	0.717	0.7730	0.211	26.6	9.13	11.5	N/A	127.0
160	0.343	0.657	0.6680	0.244	30.8	10.6	13.3	N/A	147.0
190	0.387	0.613	0.5800	0.282	35.5	12.2	15.4	N/A	170.0
210	0.422	0.578	0.5050	0.323	40.7	14	17.6	N/A	194.0
250	0.453	0.547	0.4400	0.371	46.8	16	20.2	N/A	223

Core Laboratories
Advanced Rock Properties

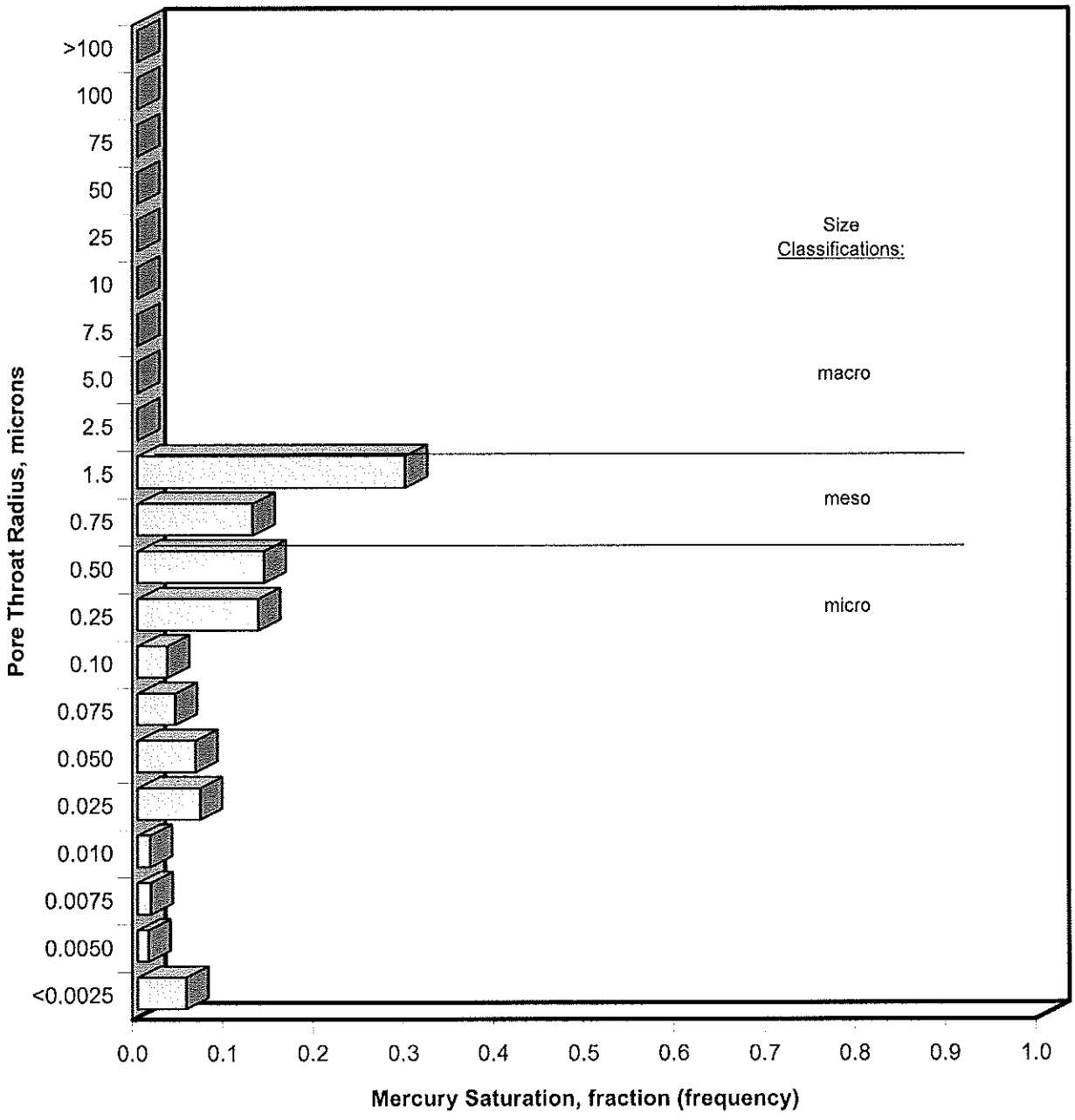
MERCURY INJECTION DATA SUMMARY

Company:	Talisman Energy Inc.	Sample Number:	East Simpson #2 (6070')
Well:	East Simpson #2	Depth, feet:	6070.0
Field:	N/A	Air Permeability, mD:	0.90
Formation:	Albian - Torok	Porosity, fraction:	0.137
Country:	Alaska	File Number:	52132-08-6055

Injection Pressure, psia	Mercury Saturation, fraction	1.0-Mercury Saturation, fraction	Pore Radius, microns	J Function	Conversion to Other Laboratory Fluid Systems, psia			Est'd Height, feet Above Free Water	
					G-W	G-O	O-W	G-W	O-W
280	0.485	0.515	0.3810	0.429	54.1	18.5	23.4	N/A	258
330	0.513	0.487	0.3320	0.492	62	21.3	26.8	N/A	296
370	0.540	0.460	0.2890	0.566	71.3	24.4	30.9	N/A	341
430	0.563	0.437	0.2510	0.65	82	28.1	35.5	N/A	392
500	0.588	0.412	0.2180	0.749	94.4	32.4	40.9	N/A	451
570	0.610	0.390	0.1890	0.863	109	37.3	47.1	N/A	520
660	0.632	0.368	0.1650	0.991	125	42.8	54.1	N/A	597
760	0.652	0.348	0.1430	1.14	144	49.3	62.3	N/A	687
870	0.672	0.328	0.1240	1.31	166	56.8	71.8	N/A	792
1000	0.688	0.312	0.1080	1.51	190	65.3	82.4	N/A	909
1150	0.705	0.295	0.0940	1.74	219	75.1	94.8	N/A	1050
1320	0.722	0.278	0.0817	2	252	86.4	109	N/A	1200
1530	0.737	0.263	0.0709	2.3	290	99.5	126	N/A	1390
1750	0.752	0.248	0.0616	2.65	334	115	145	N/A	1600
2020	0.765	0.235	0.0536	3.04	384	132	166	N/A	1830
2320	0.780	0.220	0.0466	3.5	442	151	191	N/A	2110
2670	0.793	0.207	0.0405	4.03	508	174	220	N/A	2430
3070	0.807	0.193	0.0352	4.64	585	200	253	N/A	2790
3540	0.820	0.180	0.0305	5.34	674	231	292	N/A	3220
4070	0.832	0.168	0.0266	6.14	774	265	335	N/A	3700
4680	0.843	0.157	0.0231	7.07	891	305	386	N/A	4260
5390	0.858	0.142	0.0201	8.14	1030	352	444	N/A	4900
6200	0.870	0.130	0.0174	9.36	1180	405	511	N/A	5640
7130	0.880	0.120	0.0152	10.8	1360	465	588	N/A	6490
8220	0.890	0.110	0.0132	12.4	1560	536	678	N/A	7480
9430	0.898	0.102	0.0115	14.2	1800	616	777	N/A	8570
10870	0.907	0.093	0.0100	16.4	2070	709	896	N/A	9880
12490	0.913	0.087	0.0087	18.9	2380	815	1030	N/A	11400
14380	0.920	0.080	0.0075	21.7	2740	939	1190	N/A	13100
16590	0.927	0.073	0.0065	25.1	3160	1080	1370	N/A	15100
19050	0.932	0.068	0.0057	28.8	3630	1240	1570	N/A	17300
21920	0.935	0.065	0.0049	33.1	4170	1430	1810	N/A	20000
25190	0.940	0.060	0.0043	38	4800	1640	2080	N/A	22900
29000	0.942	0.058	0.0037	43.8	5520	1890	2390	N/A	26400
33470	0.945	0.055	0.0032	50.5	6370	2180	2760	N/A	30400
38460	0.947	0.053	0.0028	58.1	7320	2510	3170	N/A	35000
44190	0.947	0.053	0.0025	66.7	8410	2880	3640	N/A	40200
50900	0.948	0.052	0.0021	76.9	9690	3320	4200	N/A	46300
58460	0.948	0.052	0.0019	88.3	11100	3820	4820	N/A	53200

MERCURY INJECTION CAPILLARY PRESSURE

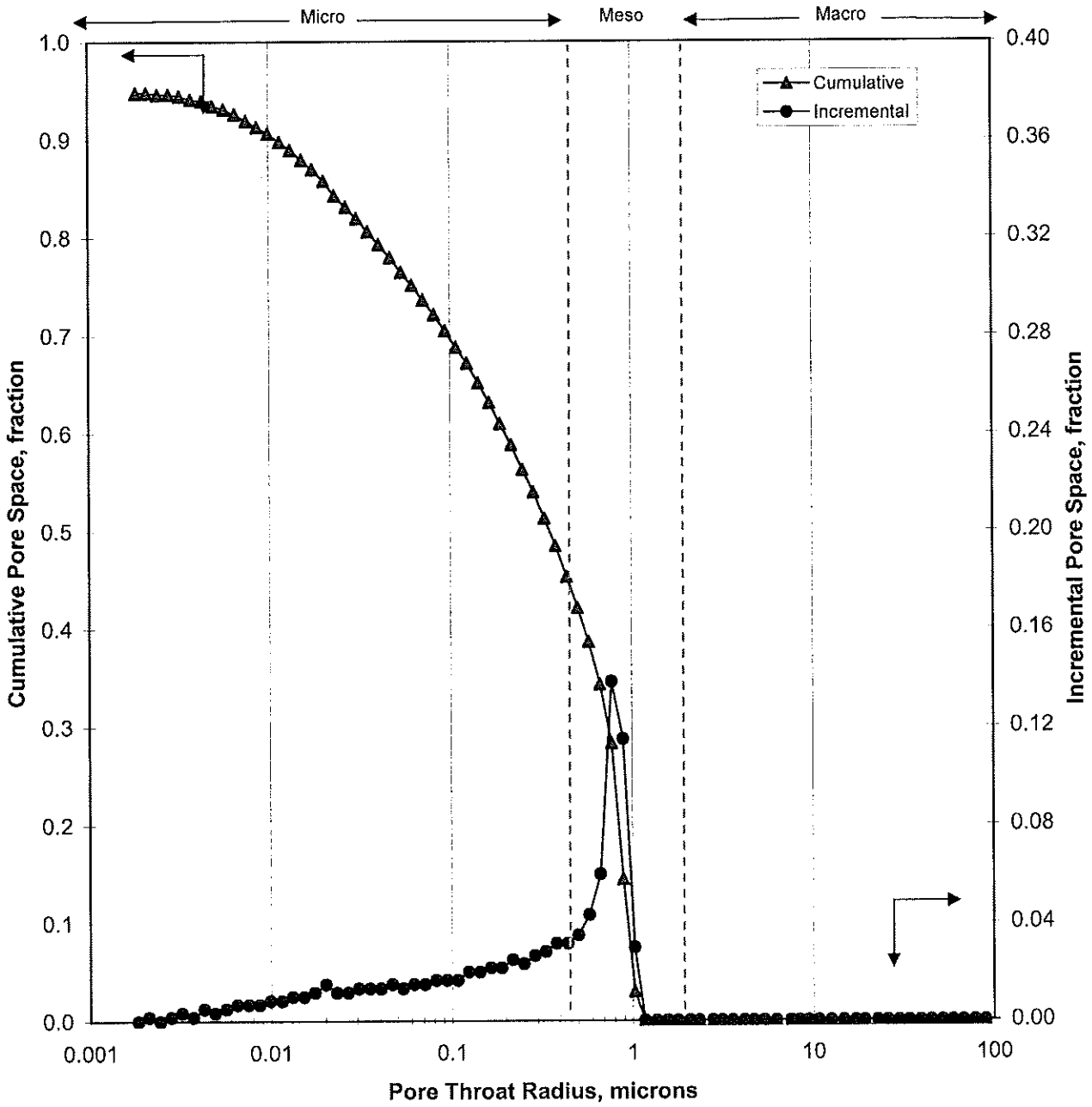
COMPANY:	Talisman Energy Inc.	FILE:	52132-08-6055
WELL:	East Simpson #2	FORMATION:	Albian - Torok
Sample:	East Simpson #2 (6070')	Ambient Condition Air Permeability, mD:	0.90
Depth, feet:	6070.0	Ambient Condition Porosity, fraction:	0.138



Median Pore Throat Radius, µm:	0.355	Hydrocarbon Density Gradient, psi/feet:	0.365
		Water Density Gradient, psi/feet:	0.430

MERCURY INJECTION CAPILLARY PRESSURE

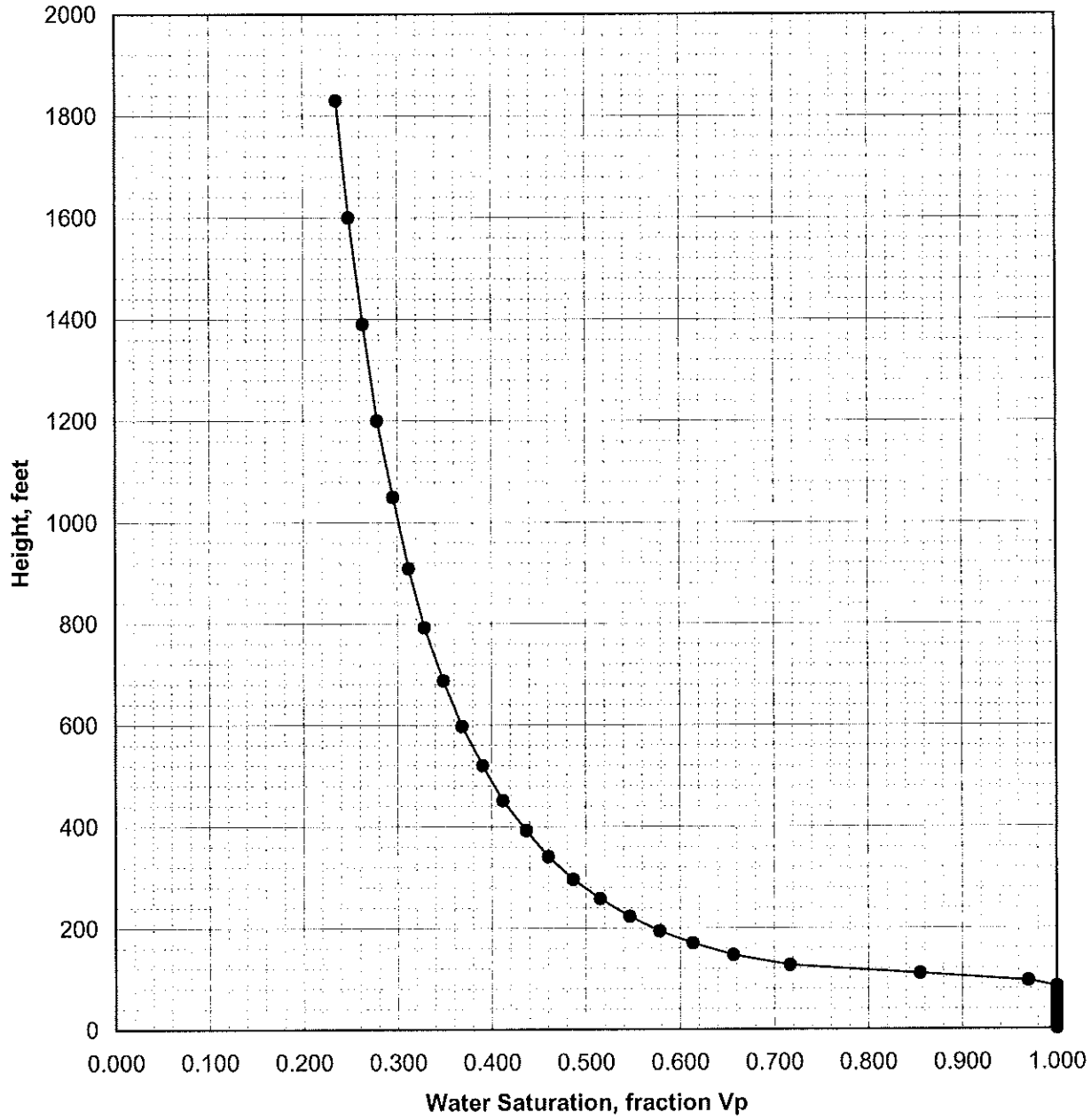
COMPANY:	Talisman Energy Inc.	FILE:	52132-08-6055
WELL:	East Simpson #2	FORMATION:	Albian - Torok
Sample:	East Simpson #2 (6070')	Ambient Condition Air Permeability, mD:	0.90
Depth, feet:	6070.0	Ambient Condition Porosity, fraction:	0.138



Median Pore Throat Radius, µm:	0.355	Hydrocarbon Density Gradient, psi/feet:	0.365
		Water Density Gradient, psi/feet:	0.430

MERCURY INJECTION CAPILLARY PRESSURE

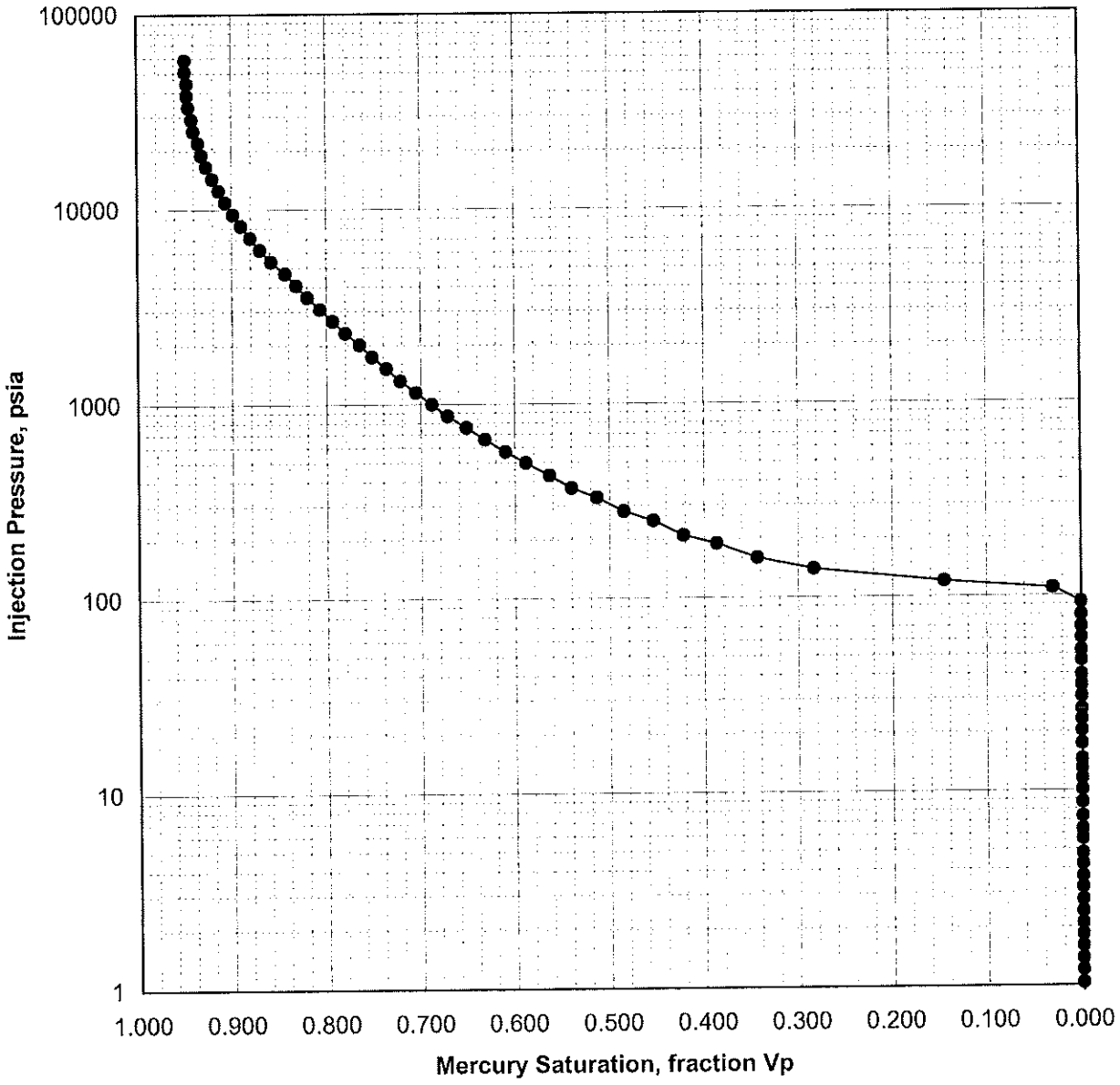
COMPANY:	Talisman Energy Inc.	FILE:	52132-08-6055
WELL:	East Simpson #2	FORMATION:	Albian - Torok
Sample:	East Simpson #2 (6070')	Ambient Condition Air Permeability, mD:	0.90
Depth, feet:	6070.0	Ambient Condition Porosity, fraction:	0.138



Median Pore Throat Radius, µm:	0.355	Hydrocarbon Density Gradient, psi/feet:	0.365
		Water Density Gradient, psi/feet:	0.430

MERCURY INJECTION CAPILLARY PRESSURE

COMPANY:	Talisman Energy Inc.	FILE:	52132-08-6055
WELL:	East Simpson #2	FORMATION:	Albian - Torok
Sample:	East Simpson #2 (6070')	Ambient Condition Air Permeability, mD:	0.90
Depth, feet:	6070.0	Ambient Condition Porosity, fraction:	0.137



Median Pore Throat Radius, µm:	0.355	Hydrocarbon Density Gradient, psi/feet:	0.365
		Water Density Gradient, psi/feet:	0.430

Core Laboratories
Advanced Rock Properties

MERCURY INJECTION DATA SUMMARY

Company:	Talisman Energy Inc.	Sample Number:	East Simpson #2 (6073')
Well:	East Simpson #2	Depth, feet:	6073.0
Field:	N/A	Air Permeability, mD:	44.8
Formation:	Albian - Torok	Porosity, fraction:	0.136
Country:	Alaska	File Number:	52132-08-6055

Injection Pressure, psia	Mercury Saturation, fraction	1.0-Mercury Saturation, fraction	Pore Radius, microns	J Function	Conversion to Other Laboratory Fluid Systems, psia			Est'd Height, feet Above Free Water	
					G-W	G-O	O-W	G-W	O-W
0.80	0.000	1.000	136	0.00853	0.152	0.052	0.066	N/A	0.73
0.90	0.000	1.000	120.0	0.00962	0.171	0.059	0.074	N/A	0.82
1.04	0.000	1.000	104.0	0.0112	0.199	0.068	0.086	N/A	0.95
1.20	0.000	1.000	89.8	0.0129	0.229	0.079	0.099	N/A	1.09
1.41	0.000	1.000	76.8	0.0151	0.268	0.092	0.116	N/A	1.28
1.6	0.000	1.000	67.8	0.0171	0.304	0.104	0.132	N/A	1.46
1.8	0.000	1.000	59.6	0.0194	0.345	0.118	0.149	N/A	1.64
2.1	0.000	1.000	51.4	0.0225	0.40	0.137	0.173	N/A	1.91
2.4	0.000	1.000	44.60	0.0259	0.461	0.158	0.200	N/A	2.2
2.8	0.000	1.000	39.00	0.0296	0.527	0.181	0.23	N/A	2.5
3.2	0.000	1.000	33.90	0.0341	0.607	0.208	0.26	N/A	2.9
3.6	0.000	1.000	29.80	0.0388	0.69	0.237	0.30	N/A	3.3
4.2	0.000	1.000	25.80	0.0448	0.798	0.274	0.35	N/A	3.8
4.8	0.000	1.000	22.70	0.0509	0.906	0.31	0.39	N/A	4.3
5.6	0.000	1.000	19.20	0.0602	1.07	0.367	0.46	N/A	5.1
6.4	0.000	1.000	17.00	0.0681	1.21	0.416	0.53	N/A	5.8
7.4	0.000	1.000	14.70	0.0787	1.40	0.48	0.61	N/A	6.7
8.6	0.000	1.000	12.50	0.0925	1.65	0.564	0.71	N/A	7.9
10.1	0.000	1.000	10.70	0.108	1.9	0.658	0.83	N/A	9.2
11.5	0.000	1.000	9.38	0.123	2.2	0.753	0.95	N/A	10.5
13.0	0.000	1.000	8.34	0.139	2.5	0.846	1.07	N/A	11.8
14.4	0.000	1.000	7.490	0.154	2.8	0.942	1.19	N/A	13.1
17.4	0.000	1.000	6.220	0.186	3.3	1.14	1.4	N/A	15.8
20.3	0.000	1.000	5.330	0.217	3.9	1.3	1.7	N/A	18.4
23.2	0.000	1.000	4.660	0.248	4.4	1.5	1.9	N/A	21.1
26.0	0.000	1.000	4.160	0.278	5.0	1.7	2.1	N/A	23.6
30.4	0.000	1.000	3.550	0.326	5.8	2.0	2.5	N/A	27.7
34.7	0.000	1.000	3.120	0.371	6.6	2.3	2.9	N/A	31.6
39.0	0.000	1.000	2.770	0.417	7.42	2.5	3.2	N/A	35.4
46.3	0.000	1.000	2.340	0.495	8.81	3.0	3.8	N/A	42.0
52.0	0.000	1.000	2.0800	0.556	9.9	3.4	4.29	N/A	47.3
60.8	0.000	1.000	1.7800	0.651	11.6	3.97	5.02	N/A	55.4
69.5	0.000	1.000	1.5600	0.744	13.2	4.54	5.73	N/A	63.2
79.5	0.000	1.000	1.3600	0.85	15.1	5.19	6.55	N/A	72.3
92.5	0.000	1.000	1.1700	0.99	17.6	6.04	7.63	N/A	84.2
110	0.000	1.000	1.0300	1.13	20.1	6.88	8.69	N/A	95.9
120	0.000	1.000	0.8910	1.3	23.1	7.92	10	N/A	110.0
140	0.000	1.000	0.7710	1.5	26.7	9.16	11.6	N/A	128.0
160	0.020	0.980	0.6690	1.73	30.8	10.6	13.3	N/A	147.0
190	0.086	0.914	0.5800	2	35.5	12.2	15.4	N/A	170.0
210	0.220	0.780	0.5050	2.29	40.7	14	17.6	N/A	194.0
250	0.305	0.695	0.4400	2.63	46.8	16.1	20.3	N/A	224

Core Laboratories
Advanced Rock Properties

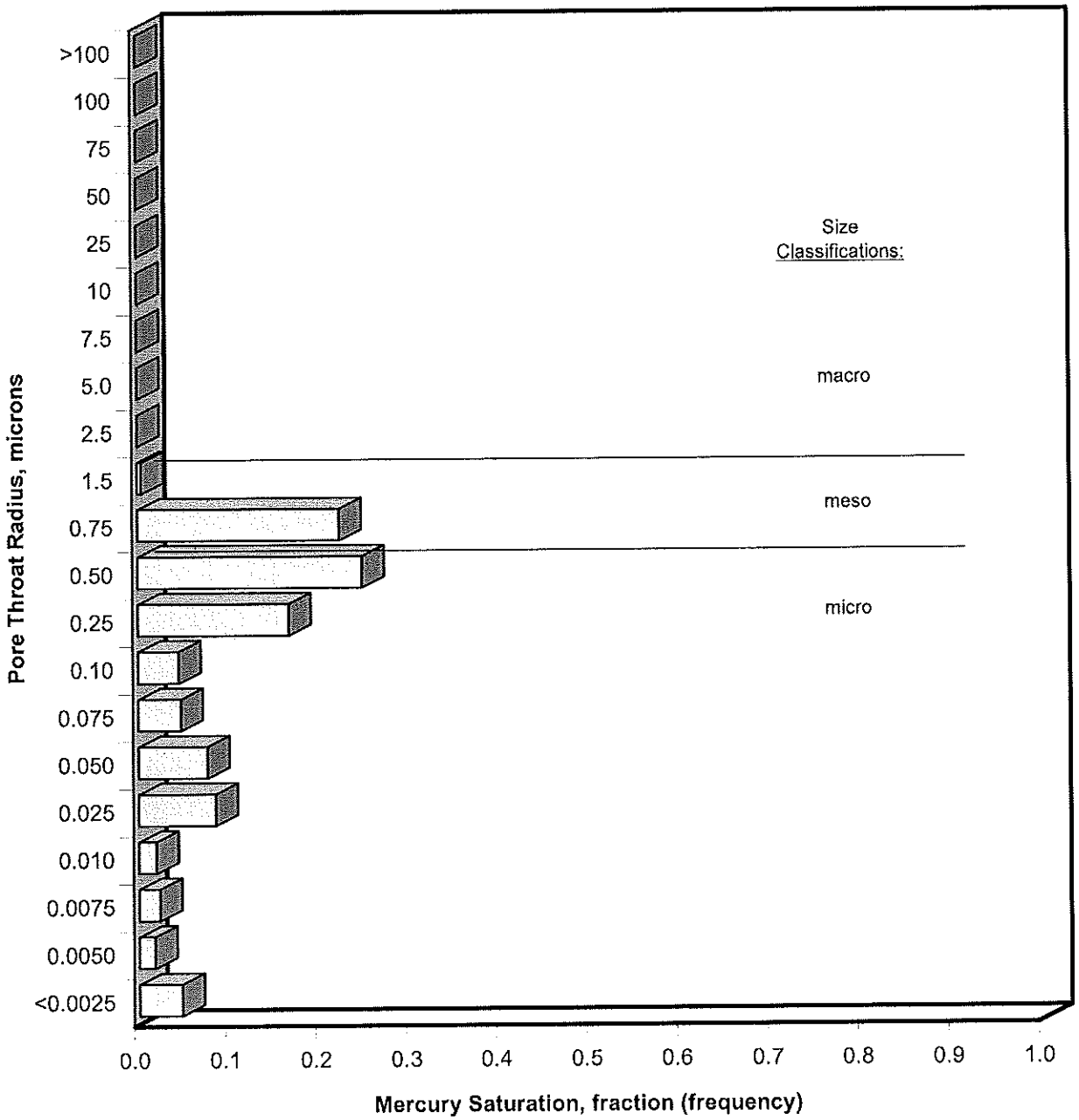
MERCURY INJECTION DATA SUMMARY

Company:	Talisman Energy Inc.	Sample Number:	East Simpson #2 (6073')
Well:	East Simpson #2	Depth, feet:	6073.0
Field:	N/A	Air Permeability, mD:	44.8
Formation:	Albian - Torok	Porosity, fraction:	0.136
Country:	Alaska	File Number:	52132-08-6055

Injection Pressure, psia	Mercury Saturation, fraction	1.0-Mercury Saturation, fraction	Pore Radius, microns	J Function	Conversion to Other Laboratory Fluid Systems, psia			Est'd Height, feet Above Free Water	
					G-W	G-O	O-W	G-W	O-W
280	0.362	0.638	0.3810	3.03	54	18.5	23.4	N/A	258
330	0.403	0.597	0.3330	3.48	61.9	21.2	26.8	N/A	296
370	0.440	0.560	0.2890	4	71.2	24.4	30.8	N/A	340
430	0.474	0.526	0.2500	4.62	82.2	28.2	35.6	N/A	393
500	0.504	0.496	0.2180	5.31	94.4	32.4	40.9	N/A	451
570	0.531	0.469	0.1890	6.11	109	37.3	47.1	N/A	520
660	0.557	0.443	0.1650	7.02	125	42.8	54.1	N/A	597
760	0.582	0.418	0.1430	8.12	144	49.5	62.5	N/A	690
870	0.606	0.394	0.1240	9.3	165	56.7	71.6	N/A	790
1000	0.628	0.372	0.1080	10.7	190	65.2	82.4	N/A	909
1150	0.650	0.350	0.0941	12.3	219	75	94.7	N/A	1040
1320	0.674	0.326	0.0817	14.2	252	86.3	109	N/A	1200
1520	0.692	0.308	0.0710	16.3	290	99.4	126	N/A	1390
1750	0.708	0.292	0.0617	18.7	334	114	144	N/A	1590
2020	0.724	0.276	0.0536	21.6	384	132	166	N/A	1830
2320	0.740	0.260	0.0466	24.8	441	151	191	N/A	2110
2670	0.755	0.245	0.0405	28.6	508	174	220	N/A	2430
3070	0.772	0.228	0.0352	32.8	584	200	253	N/A	2790
3530	0.787	0.213	0.0306	37.8	673	231	291	N/A	3210
4070	0.802	0.198	0.0266	43.5	774	265	335	N/A	3700
4680	0.816	0.184	0.0231	50.1	892	306	386	N/A	4260
5380	0.831	0.169	0.0201	57.6	1020	351	444	N/A	4900
6190	0.846	0.154	0.0175	66.3	1180	404	510	N/A	5630
7140	0.860	0.140	0.0151	76.4	1360	466	589	N/A	6500
8200	0.872	0.128	0.0132	87.8	1560	536	676	N/A	7460
9430	0.884	0.116	0.0115	101	1800	616	778	N/A	8580
10860	0.894	0.106	0.0100	116	2070	709	895	N/A	9870
12500	0.904	0.096	0.0087	134	2380	816	1030	N/A	11400
14370	0.912	0.088	0.0075	154	2740	938	1180	N/A	13000
16570	0.922	0.078	0.0065	177	3160	1080	1370	N/A	15100
19030	0.929	0.071	0.0057	204	3620	1240	1570	N/A	17300
21900	0.936	0.064	0.0049	234	4170	1430	1810	N/A	20000
25190	0.941	0.059	0.0043	270	4800	1640	2080	N/A	22900
29010	0.944	0.056	0.0037	310	5520	1890	2390	N/A	26400
33410	0.948	0.052	0.0032	358	6360	2180	2750	N/A	30300
38390	0.951	0.049	0.0028	411	7310	2510	3160	N/A	34900
44190	0.953	0.047	0.0025	473	8410	2880	3640	N/A	40200
50810	0.955	0.045	0.0021	544	9670	3320	4190	N/A	46200
58480	0.956	0.044	0.0019	626	11100	3820	4820	N/A	53200

MERCURY INJECTION CAPILLARY PRESSURE

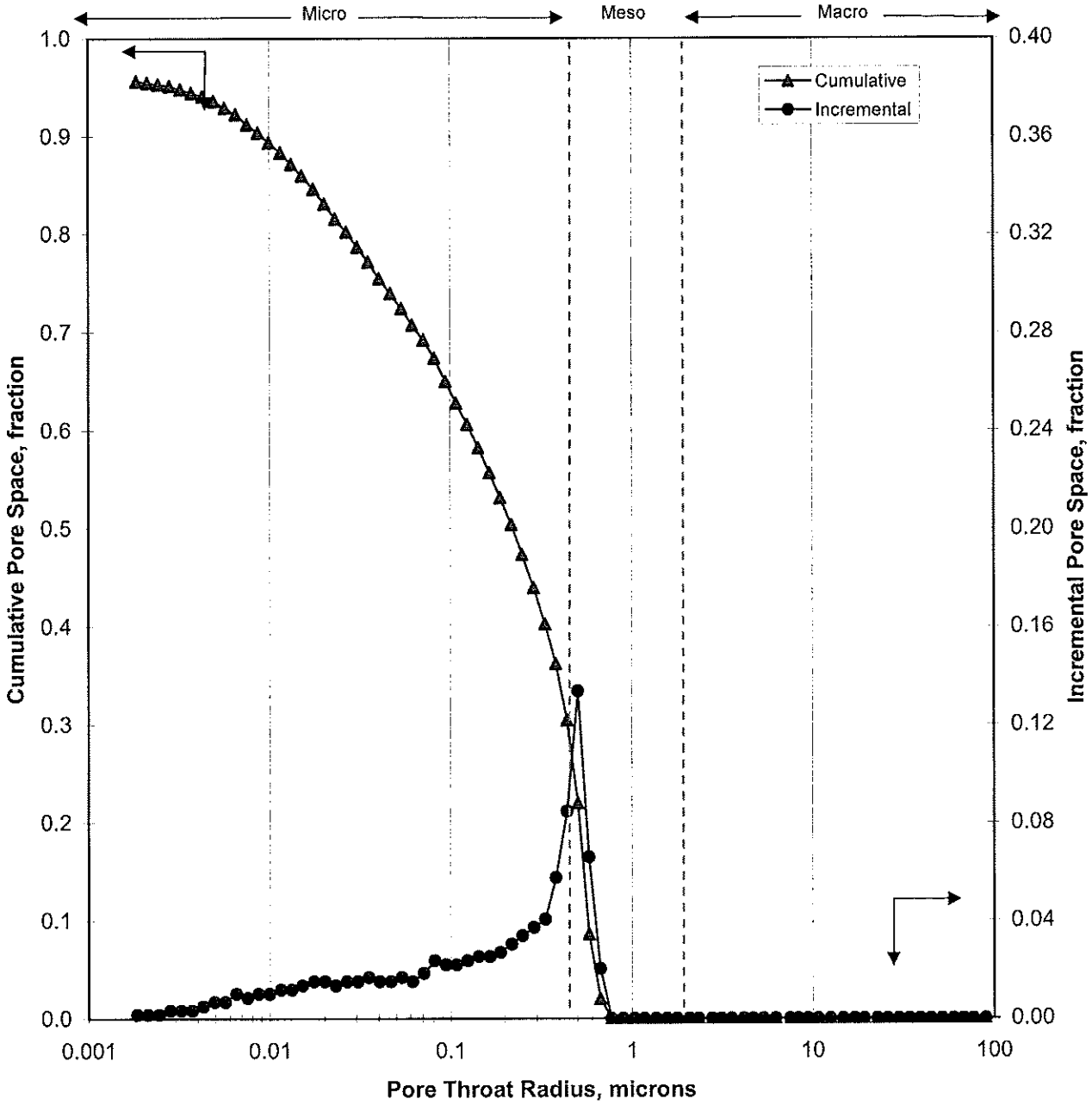
COMPANY:	Talisman Energy Inc.	FILE:	52132-08-6055
WELL:	East Simpson #2	FORMATION:	Albian - Torok
Sample:	East Simpson #2 (6073')	Ambient Condition Air Permeability, mD:	44.8
Depth, feet:	6073.0	Ambient Condition Porosity, fraction:	0.136



Median Pore Throat Radius, µm:	0.223	Hydrocarbon Density Gradient, psi/feet:	0.365
		Water Density Gradient, psi/feet:	0.430

MERCURY INJECTION CAPILLARY PRESSURE

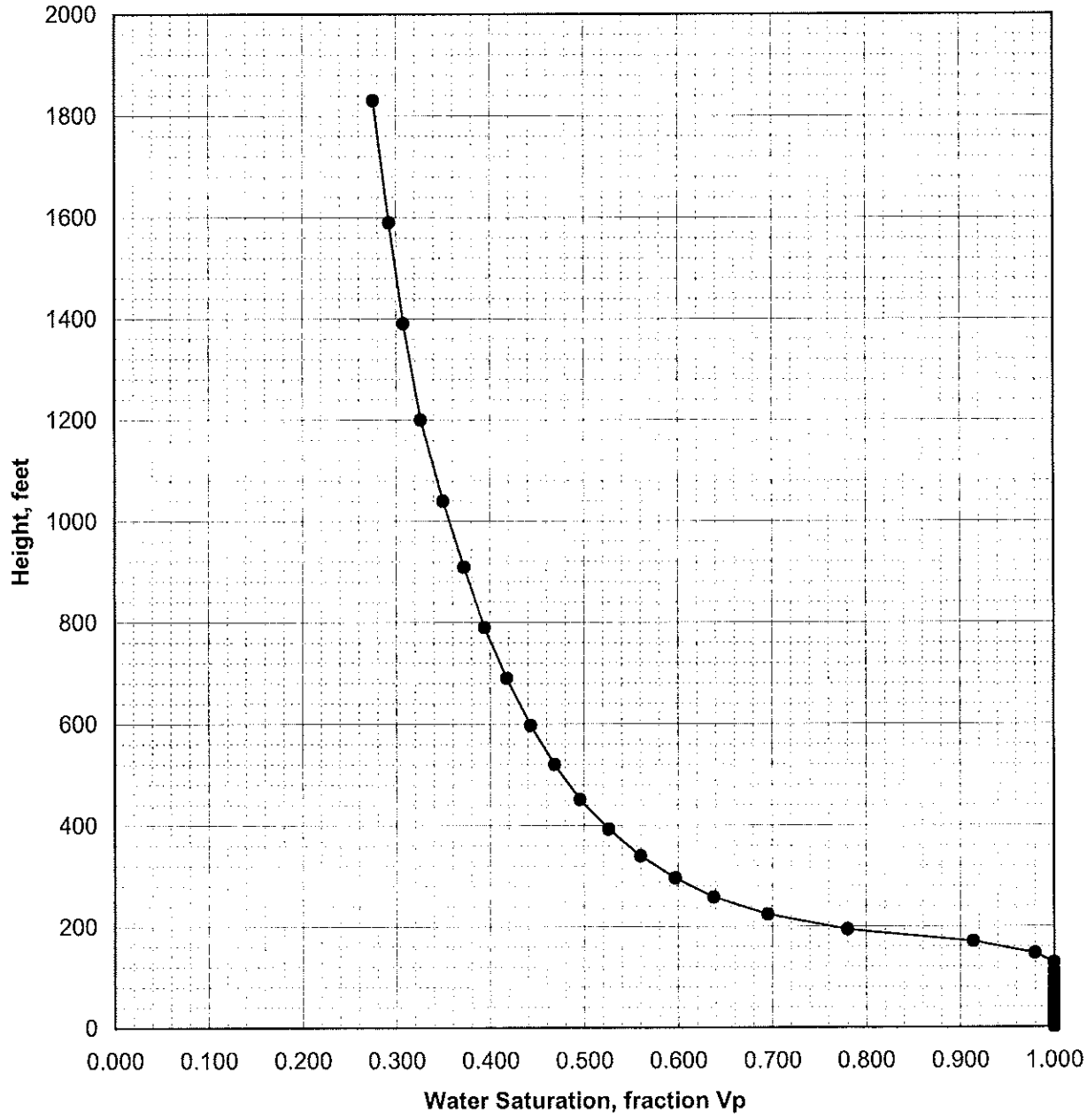
COMPANY:	Talisman Energy Inc.	FILE:	52132-08-6055
WELL:	East Simpson #2	FORMATION:	Albian - Torok
Sample:	East Simpson #2 (6073')	Ambient Condition Air Permeability, mD:	44.8
Depth, feet:	6073.0	Ambient Condition Porosity, fraction:	0.136



Median Pore Throat Radius, µm:	0.223	Hydrocarbon Density Gradient, psi/feet:	0.365
		Water Density Gradient, psi/feet:	0.430

MERCURY INJECTION CAPILLARY PRESSURE

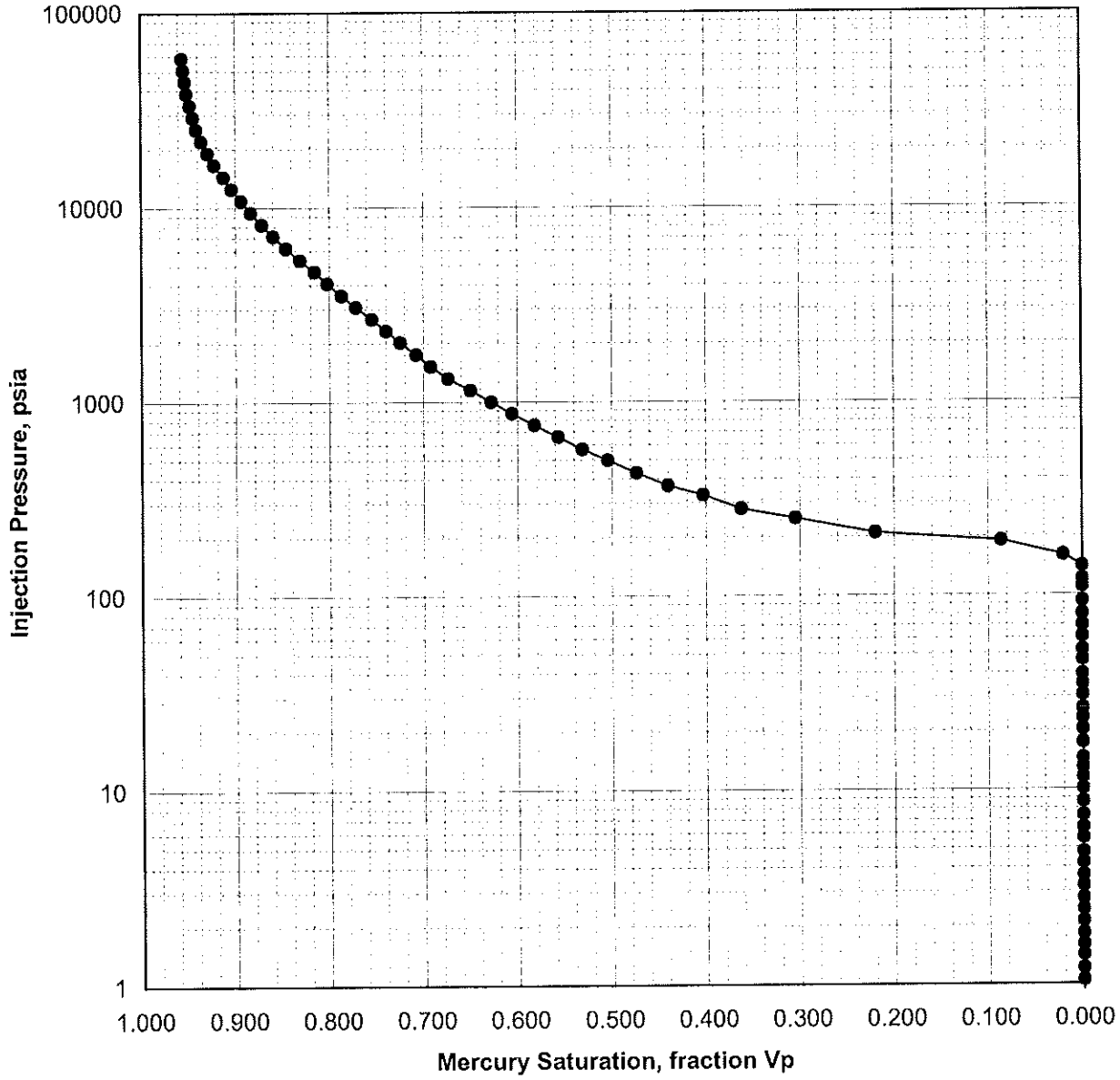
COMPANY:	Talisman Energy Inc.	FILE:	52132-08-6055
WELL:	East Simpson #2	FORMATION:	Albian - Torok
Sample:	East Simpson #2 (6073')	Ambient Condition Air Permeability, mD:	44.8
Depth, feet:	6073.0	Ambient Condition Porosity, fraction:	0.136



Median Pore Throat Radius, µm:	0.223	Hydrocarbon Density Gradient, psi/feet:	0.365
		Water Density Gradient, psi/feet:	0.430

MERCURY INJECTION CAPILLARY PRESSURE

COMPANY:	Talisman Energy Inc.	FILE:	52132-08-6055
WELL:	East Simpson #2	FORMATION:	Albian - Torok
Sample:	East Simpson #2 (6073')	Ambient Condition Air Permeability, mD:	44.8
Depth, feet:	6073.0	Ambient Condition Porosity, fraction:	0.136



Median Pore Throat Radius, µm:	0.223	Hydrocarbon Density Gradient, psi/feet:	0.365
		Water Density Gradient, psi/feet:	0.430

Core Laboratories
Advanced Rock Properties

MERCURY INJECTION DATA SUMMARY

Company:	Talisman Energy Inc.	Sample Number:	East Simpson #2 (6075.5')
Well:	East Simpson #2	Depth, feet:	6075.5
Field:	N/A	Air Permeability, mD:	1.20
Formation:	Albian - Torok	Porosity, fraction:	0.154
Country:	Alaska	File Number:	52132-08-6055

Injection Pressure, psia	Mercury Saturation, fraction	1.0-Mercury Saturation, fraction	Pore Radius, microns	J Function	Conversion to Other Laboratory Fluid Systems, psia			Est'd Height, feet Above Free Water	
					G-W	G-O	O-W	G-W	O-W
0.80	0.000	1.000	136	0.00131	0.152	0.052	0.066	N/A	0.73
0.90	0.000	1.000	120.0	0.00148	0.171	0.059	0.074	N/A	0.82
1.04	0.000	1.000	104.0	0.00172	0.199	0.068	0.086	N/A	0.95
1.20	0.000	1.000	89.8	0.00198	0.229	0.079	0.099	N/A	1.09
1.41	0.000	1.000	76.8	0.00232	0.268	0.092	0.116	N/A	1.28
1.6	0.000	1.000	67.8	0.00263	0.304	0.104	0.132	N/A	1.46
1.8	0.000	1.000	59.6	0.00299	0.345	0.118	0.149	N/A	1.64
2.1	0.000	1.000	51.4	0.00346	0.40	0.137	0.173	N/A	1.91
2.4	0.000	1.000	44.60	0.00399	0.461	0.158	0.200	N/A	2.2
2.8	0.000	1.000	39.00	0.00456	0.527	0.181	0.23	N/A	2.5
3.2	0.000	1.000	33.90	0.00526	0.607	0.208	0.26	N/A	2.9
3.6	0.000	1.000	29.80	0.00597	0.69	0.237	0.30	N/A	3.3
4.2	0.000	1.000	25.80	0.0069	0.798	0.274	0.35	N/A	3.8
4.8	0.000	1.000	22.70	0.00784	0.906	0.31	0.39	N/A	4.3
5.6	0.000	1.000	19.20	0.00927	1.07	0.367	0.46	N/A	5.1
6.4	0.000	1.000	17.00	0.0105	1.21	0.416	0.53	N/A	5.8
7.4	0.000	1.000	14.70	0.0121	1.40	0.48	0.61	N/A	6.7
8.6	0.000	1.000	12.50	0.0142	1.65	0.564	0.71	N/A	7.9
10.1	0.000	1.000	10.70	0.0166	1.9	0.658	0.83	N/A	9.2
11.5	0.000	1.000	9.38	0.019	2.2	0.753	0.95	N/A	10.5
13.0	0.000	1.000	8.34	0.0214	2.5	0.846	1.07	N/A	11.8
14.4	0.000	1.000	7.490	0.0238	2.8	0.942	1.19	N/A	13.1
17.4	0.000	1.000	6.220	0.0286	3.3	1.14	1.4	N/A	15.8
20.3	0.000	1.000	5.330	0.0334	3.9	1.3	1.7	N/A	18.4
23.2	0.000	1.000	4.660	0.0382	4.4	1.5	1.9	N/A	21.1
26.0	0.000	1.000	4.160	0.0428	4.9	1.7	2.1	N/A	23.6
30.4	0.000	1.000	3.550	0.0501	5.8	2.0	2.5	N/A	27.7
34.7	0.000	1.000	3.120	0.0571	6.6	2.3	2.9	N/A	31.6
39.0	0.000	1.000	2.780	0.0642	7.42	2.5	3.2	N/A	35.4
46.3	0.000	1.000	2.340	0.0762	8.8	3.0	3.8	N/A	42.0
52.0	0.000	1.000	2.0800	0.0856	9.89	3.4	4.28	N/A	47.2
60.8	0.000	1.000	1.7800	0.1	11.6	3.97	5.01	N/A	55.3
69.5	0.000	1.000	1.5600	0.114	13.2	4.53	5.73	N/A	63.2
79.4	0.000	1.000	1.3600	0.131	15.1	5.18	6.55	N/A	72.3
92.4	0.028	0.972	1.1700	0.152	17.6	6.03	7.62	N/A	84.1
110	0.095	0.905	1.0300	0.173	20	6.86	8.66	N/A	95.5
120	0.234	0.766	0.8960	0.199	23	7.88	9.95	N/A	110.0
140	0.319	0.681	0.7760	0.23	26.5	9.1	11.5	N/A	127.0
160	0.377	0.623	0.6730	0.265	30.6	10.5	13.2	N/A	146.0
190	0.425	0.575	0.5830	0.306	35.3	12.1	15.3	N/A	169.0
210	0.463	0.537	0.5070	0.351	40.6	13.9	17.6	N/A	194.0
250	0.497	0.503	0.4400	0.404	46.7	16	20.2	N/A	223

Core Laboratories
Advanced Rock Properties

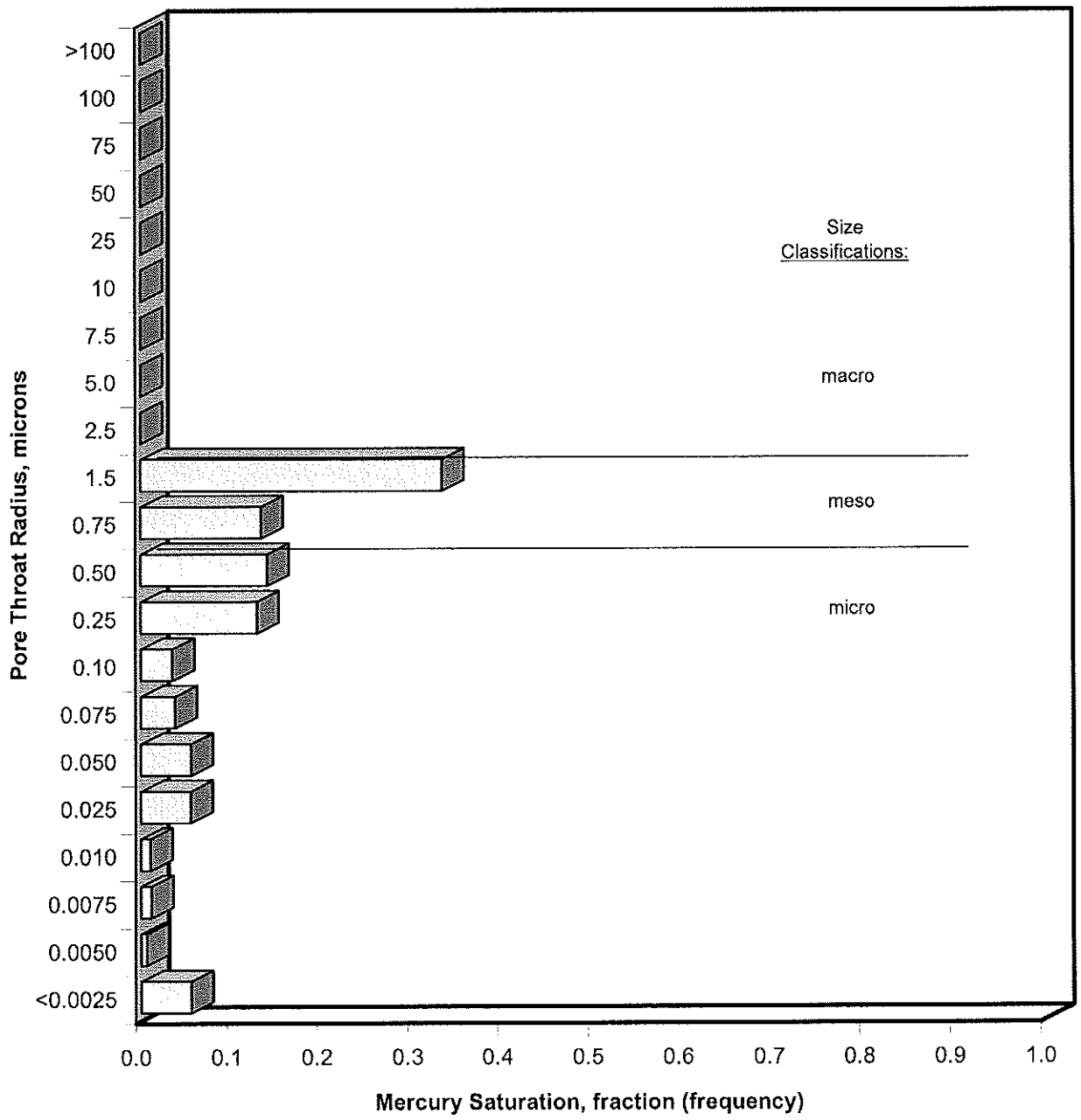
MERCURY INJECTION DATA SUMMARY

Company:	Talisman Energy Inc.	Sample Number:	East Simpson #2 (6075.5')
Well:	East Simpson #2	Depth, feet:	6075.5
Field:	N/A	Air Permeability, mD:	1.20
Formation:	Albian - Torok	Porosity, fraction:	0.154
Country:	Alaska	File Number:	52132-08-6055

Injection Pressure, psia	Mercury Saturation, fraction	1.0-Mercury Saturation, fraction	Pore Radius, microns	J Function	Conversion to Other Laboratory Fluid Systems, psia			Est'd Height, feet Above Free Water	
					G-W	G-O	O-W	G-W	O-W
280	0.527	0.473	0.3820	0.466	53.9	18.5	23.3	N/A	257
320	0.555	0.445	0.3330	0.535	61.8	21.2	26.8	N/A	296
370	0.580	0.420	0.2890	0.615	71.1	24.4	30.8	N/A	340
430	0.606	0.394	0.2500	0.711	82.2	28.2	35.6	N/A	393
500	0.629	0.371	0.2180	0.816	94.3	32.3	40.9	N/A	451
570	0.649	0.351	0.1890	0.94	109	37.2	47	N/A	519
660	0.670	0.330	0.1650	1.08	125	42.8	54.1	N/A	597
760	0.690	0.310	0.1430	1.25	144	49.5	62.5	N/A	690
870	0.708	0.292	0.1240	1.43	165	56.7	71.6	N/A	790
1000	0.725	0.275	0.1080	1.65	190	65.2	82.4	N/A	909
1150	0.741	0.259	0.0941	1.89	219	75	94.7	N/A	1040
1320	0.760	0.240	0.0817	2.18	252	86.3	109	N/A	1200
1520	0.775	0.225	0.0710	2.51	290	99.4	126	N/A	1390
1750	0.786	0.214	0.0617	2.89	334	114	144	N/A	1590
2020	0.801	0.199	0.0536	3.32	384	132	166	N/A	1830
2320	0.813	0.187	0.0466	3.82	441	151	191	N/A	2110
2670	0.824	0.176	0.0405	4.4	508	174	220	N/A	2430
3070	0.836	0.164	0.0352	5.06	584	200	253	N/A	2790
3530	0.848	0.152	0.0306	5.82	673	231	291	N/A	3210
4070	0.858	0.142	0.0266	6.7	774	265	335	N/A	3700
4680	0.868	0.132	0.0231	7.71	892	306	386	N/A	4260
5380	0.880	0.120	0.0201	8.87	1020	351	444	N/A	4900
6190	0.888	0.112	0.0175	10.2	1180	404	510	N/A	5630
7140	0.897	0.103	0.0151	11.8	1360	466	589	N/A	6500
8200	0.904	0.096	0.0132	13.5	1560	536	676	N/A	7460
9430	0.912	0.088	0.0115	15.5	1800	616	778	N/A	8580
10860	0.917	0.083	0.0100	17.9	2070	709	895	N/A	9870
12500	0.923	0.077	0.0087	20.6	2380	816	1030	N/A	11400
14370	0.928	0.072	0.0075	23.7	2740	938	1180	N/A	13000
16570	0.932	0.068	0.0065	27.3	3160	1080	1370	N/A	15100
19030	0.936	0.064	0.0057	31.3	3620	1240	1570	N/A	17300
21900	0.939	0.061	0.0049	36.1	4170	1430	1810	N/A	20000
25190	0.941	0.059	0.0043	41.5	4800	1640	2080	N/A	22900
29010	0.944	0.056	0.0037	47.8	5520	1890	2390	N/A	26400
33410	0.944	0.056	0.0032	55	6360	2180	2750	N/A	30300
38390	0.945	0.055	0.0028	63.2	7310	2510	3160	N/A	34900
44190	0.945	0.055	0.0025	72.8	8410	2880	3640	N/A	40200
50810	0.945	0.055	0.0021	83.7	9670	3320	4190	N/A	46200
58480	0.945	0.055	0.0019	96.3	11100	3820	4820	N/A	53200

MERCURY INJECTION CAPILLARY PRESSURE

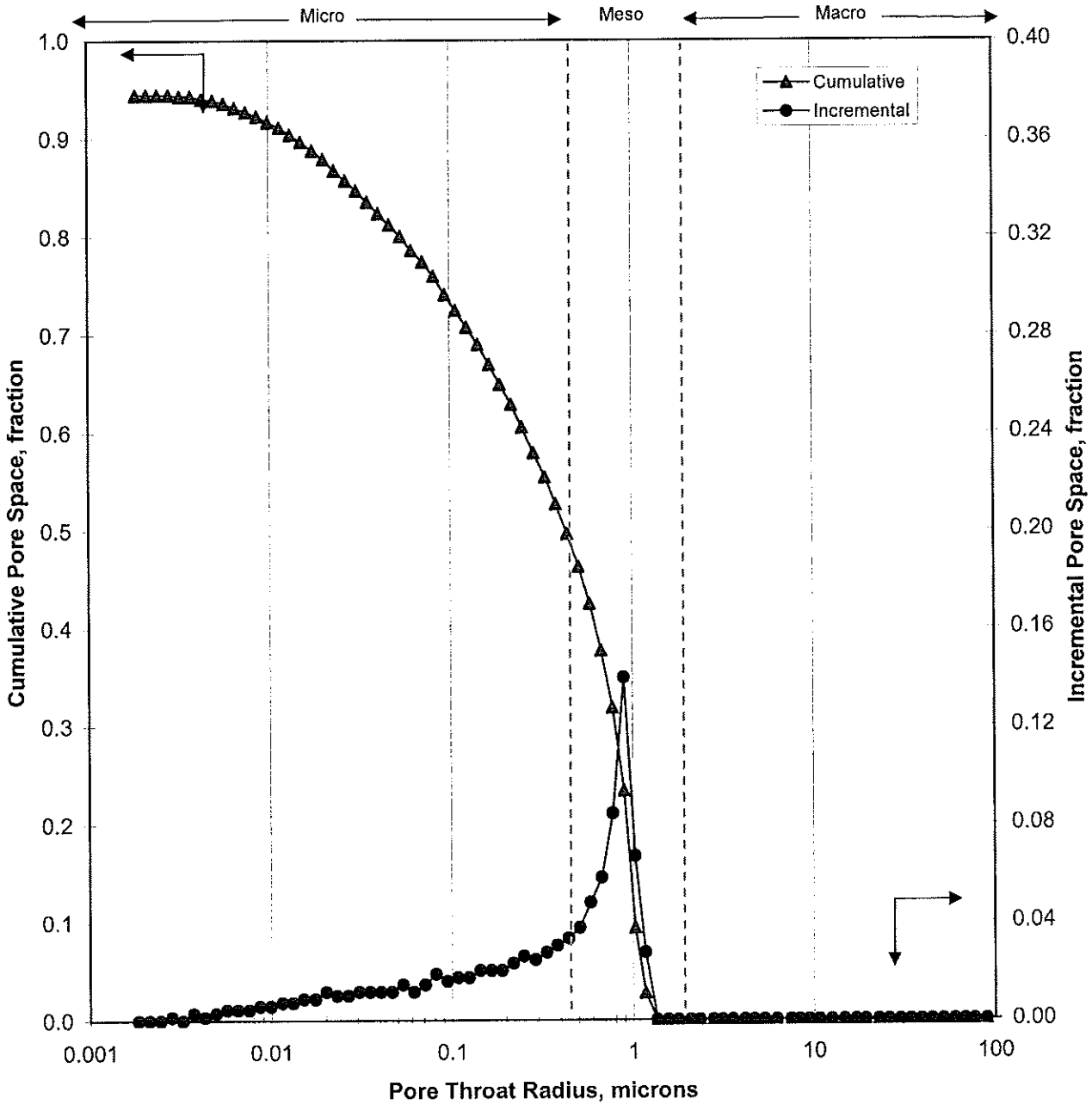
COMPANY:	Talisman Energy Inc.	FILE:	52132-08-6055
WELL:	East Simpson #2	FORMATION:	Albian - Torok
Sample:	East Simpson #2 (6075.5')	Ambient Condition Air Permeability, mD:	1.20
Depth, feet:	6075.5	Ambient Condition Porosity, fraction:	0.154



Median Pore Throat Radius, µm:	0.433	Hydrocarbon Density Gradient, psi/feet:	0.365
		Water Density Gradient, psi/feet:	0.430

MERCURY INJECTION CAPILLARY PRESSURE

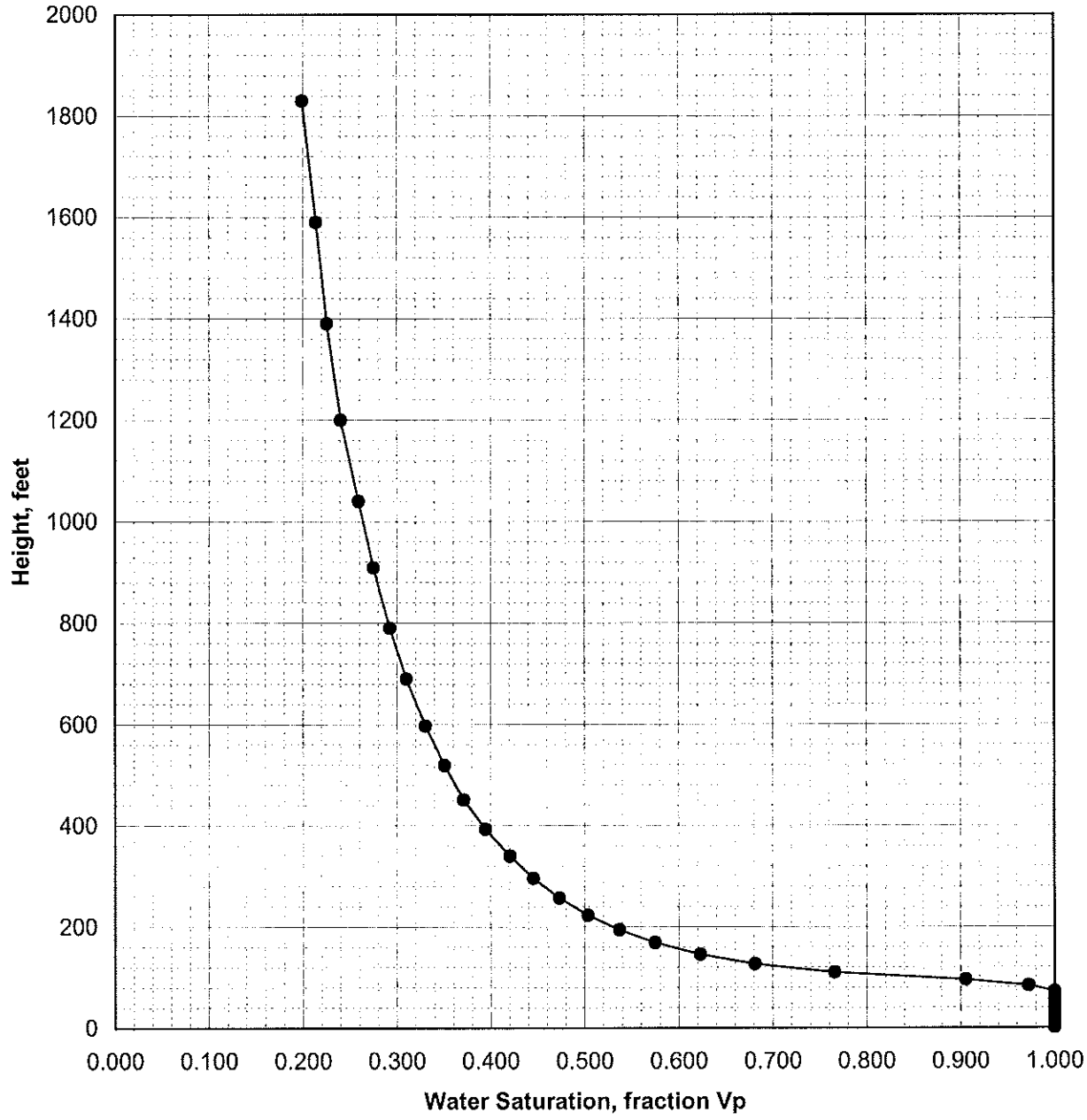
COMPANY:	Talisman Energy Inc.	FILE:	52132-08-6055
WELL:	East Simpson #2	FORMATION:	Albian - Torok
Sample:	East Simpson #2 (6075.5')	Ambient Condition Air Permeability, mD:	1.20
Depth, feet:	6075.5	Ambient Condition Porosity, fraction:	0.154



Median Pore Throat Radius, µm:	0.433	Hydrocarbon Density Gradient, psi/feet:	0.365
		Water Density Gradient, psi/feet:	0.430

MERCURY INJECTION CAPILLARY PRESSURE

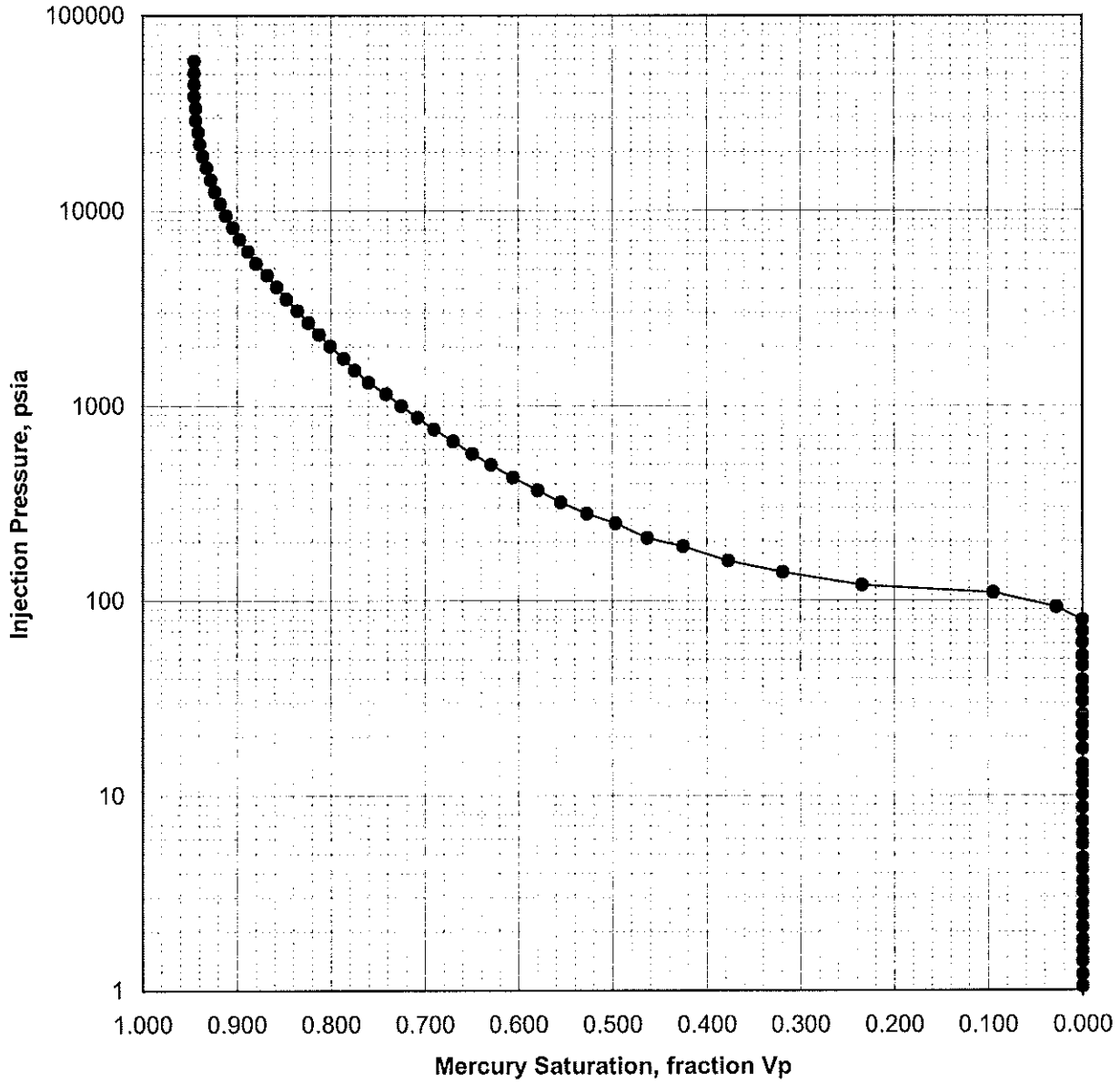
COMPANY:	Talisman Energy Inc.	FILE:	52132-08-6055
WELL:	East Simpson #2	FORMATION:	Albian - Torok
Sample:	East Simpson #2 (6075.5')	Ambient Condition Air Permeability, mD:	1.20
Depth, feet:	6075.5	Ambient Condition Porosity, fraction:	0.154



Median Pore Throat Radius, µm:	0.433	Hydrocarbon Density Gradient, psi/feet:	0.365
		Water Density Gradient, psi/feet:	0.430

MERCURY INJECTION CAPILLARY PRESSURE

COMPANY:	Talisman Energy Inc.	FILE:	52132-08-6055
WELL:	East Simpson #2	FORMATION:	Albian - Torok
Sample:	East Simpson #2 (6075.5')	Ambient Condition Air Permeability, mD:	1.20
Depth, feet:	6075.5	Ambient Condition Porosity, fraction:	0.154



Median Pore Throat Radius, µm:	0.433	Hydrocarbon Density Gradient, psi/feet:	0.365
		Water Density Gradient, psi/feet:	0.430

Core Laboratories
Advanced Rock Properties

MERCURY INJECTION DATA SUMMARY

Company:	Talisman Energy Inc.	Sample Number:	East Simpson #2 (6076')
Well:	East Simpson #2	Depth, feet:	6076.0
Field:	N/A	Air Permeability, mD:	0.84
Formation:	Albian - Torok	Porosity, fraction:	0.159
Country:	Alaska	File Number:	52132-08-6055

Injection Pressure, psia	Mercury Saturation, fraction	1.0-Mercury Saturation, fraction	Pore Radius, microns	J Function	Conversion to Other Laboratory Fluid Systems, psia			Est'd Height, feet Above Free Water	
					G-W	G-O	O-W	G-W	O-W
0.80	0.000	1.000	136	0.00108	0.152	0.052	0.066	N/A	0.73
0.90	0.000	1.000	120.0	0.00122	0.171	0.059	0.074	N/A	0.82
1.03	0.000	1.000	105.0	0.0014	0.196	0.067	0.085	N/A	0.94
1.19	0.000	1.000	90.9	0.00162	0.226	0.078	0.098	N/A	1.08
1.39	0.000	1.000	77.6	0.00189	0.265	0.091	0.115	N/A	1.27
1.6	0.000	1.000	68.4	0.00215	0.301	0.103	0.130	N/A	1.43
1.8	0.000	1.000	59.2	0.00248	0.348	0.119	0.151	N/A	1.67
2.1	0.000	1.000	51.4	0.00286	0.40	0.137	0.173	N/A	1.91
2.4	0.000	1.000	45.20	0.00325	0.456	0.156	0.197	N/A	2.2
2.7	0.000	1.000	39.40	0.00372	0.522	0.179	0.23	N/A	2.5
3.2	0.000	1.000	34.00	0.00431	0.605	0.207	0.26	N/A	2.9
3.6	0.000	1.000	29.90	0.0049	0.687	0.236	0.30	N/A	3.3
4.2	0.000	1.000	25.70	0.00571	0.801	0.275	0.35	N/A	3.8
4.8	0.000	1.000	22.70	0.00648	0.908	0.311	0.39	N/A	4.3
5.6	0.000	1.000	19.30	0.00762	1.07	0.366	0.46	N/A	5.1
6.3	0.000	1.000	17.10	0.00861	1.21	0.414	0.52	N/A	5.8
7.4	0.000	1.000	14.70	0.01	1.40	0.481	0.61	N/A	6.7
8.6	0.000	1.000	12.50	0.0117	1.65	0.564	0.71	N/A	7.9
10.1	0.000	1.000	10.70	0.0137	1.9	0.658	0.83	N/A	9.2
11.5	0.000	1.000	9.38	0.0157	2.2	0.753	0.95	N/A	10.5
13.0	0.000	1.000	8.33	0.0176	2.5	0.847	1.07	N/A	11.8
14.4	0.000	1.000	7.500	0.0196	2.7	0.941	1.19	N/A	13.1
17.4	0.000	1.000	6.220	0.0236	3.3	1.13	1.4	N/A	15.8
20.3	0.000	1.000	5.330	0.0275	3.9	1.3	1.7	N/A	18.4
23.2	0.000	1.000	4.660	0.0315	4.4	1.5	1.9	N/A	21.1
26.1	0.000	1.000	4.140	0.0354	5.0	1.7	2.2	N/A	23.7
30.4	0.000	1.000	3.550	0.0413	5.8	2.0	2.5	N/A	27.7
34.7	0.000	1.000	3.110	0.0471	6.61	2.3	2.9	N/A	31.6
39.1	0.000	1.000	2.760	0.0531	7.45	2.6	3.2	N/A	35.5
46.3	0.000	1.000	2.340	0.0628	8.81	3.0	3.8	N/A	42.1
52.1	0.000	1.000	2.0800	0.0707	9.91	3.4	4.29	N/A	47.3
60.8	0.000	1.000	1.7800	0.0826	11.6	3.97	5.01	N/A	55.3
69.5	0.000	1.000	1.5500	0.0944	13.2	4.54	5.73	N/A	63.2
79.6	0.000	1.000	1.3600	0.108	15.1	5.19	6.56	N/A	72.4
92.5	0.021	0.979	1.1700	0.126	17.6	6.04	7.62	N/A	84.1
110	0.064	0.936	1.0200	0.143	20.1	6.88	8.69	N/A	95.9
120	0.182	0.818	0.8900	0.165	23.1	7.93	10	N/A	110.0
140	0.291	0.709	0.7700	0.191	26.7	9.16	11.6	N/A	128.0
160	0.350	0.650	0.6690	0.22	30.8	10.6	13.3	N/A	147.0
190	0.398	0.602	0.5800	0.253	35.5	12.2	15.4	N/A	170.0
210	0.438	0.562	0.5060	0.29	40.7	14	17.6	N/A	194.0
250	0.473	0.527	0.4400	0.333	46.7	16	20.2	N/A	223

Core Laboratories
Advanced Rock Properties

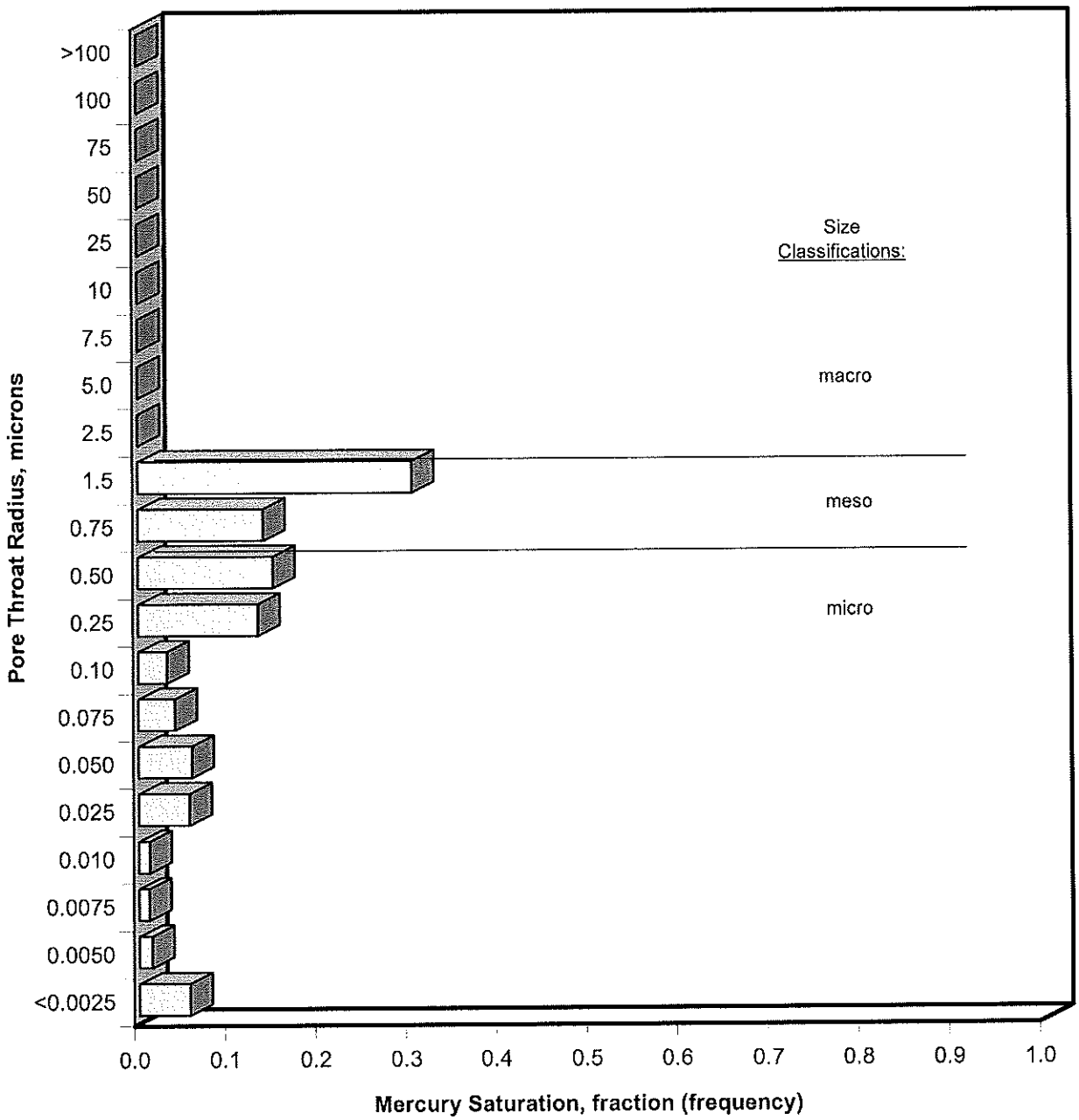
MERCURY INJECTION DATA SUMMARY

Company:	Talisman Energy Inc.	Sample Number:	East Simpson #2 (6076')
Well:	East Simpson #2	Depth, feet:	6076.0
Field:	N/A	Air Permeability, mD:	0.84
Formation:	Albian - Torok	Porosity, fraction:	0.159
Country:	Alaska	File Number:	52132-08-6055

Injection Pressure, psia	Mercury Saturation, fraction	1.0-Mercury Saturation, fraction	Pore Radius, microns	J Function	Conversion to Other Laboratory Fluid Systems, psia			Est'd Height, feet Above Free Water	
					G-W	G-O	O-W	G-W	O-W
280	0.507	0.493	0.3810	0.385	54	18.5	23.4	N/A	258
330	0.535	0.465	0.3320	0.442	62	21.3	26.8	N/A	296
370	0.562	0.438	0.2890	0.508	71.2	24.4	30.8	N/A	340
430	0.589	0.411	0.2510	0.585	82.1	28.1	35.5	N/A	392
500	0.611	0.389	0.2180	0.674	94.4	32.4	40.9	N/A	451
570	0.635	0.365	0.1900	0.774	109	37.2	47	N/A	519
660	0.655	0.345	0.1650	0.892	125	42.9	54.1	N/A	597
750	0.675	0.325	0.1430	1.03	144	49.3	62.2	N/A	686
870	0.693	0.307	0.1240	1.18	166	56.8	71.7	N/A	791
1000	0.712	0.288	0.1080	1.36	190	65.3	82.4	N/A	909
1150	0.728	0.272	0.0940	1.56	219	75.1	94.8	N/A	1050
1330	0.744	0.256	0.0816	1.8	252	86.5	109	N/A	1200
1520	0.758	0.242	0.0710	2.07	290	99.4	126	N/A	1390
1750	0.774	0.226	0.0617	2.38	333	114	144	N/A	1590
2020	0.786	0.214	0.0536	2.74	384	132	166	N/A	1830
2320	0.799	0.201	0.0466	3.15	442	151	191	N/A	2110
2670	0.812	0.188	0.0405	3.62	508	174	220	N/A	2430
3080	0.824	0.176	0.0351	4.18	586	201	254	N/A	2800
3530	0.836	0.164	0.0306	4.8	672	231	291	N/A	3210
4060	0.847	0.153	0.0266	5.52	774	265	335	N/A	3700
4680	0.857	0.143	0.0231	6.36	891	305	386	N/A	4260
5380	0.868	0.132	0.0201	7.31	1020	351	444	N/A	4900
6190	0.878	0.122	0.0175	8.41	1180	404	511	N/A	5640
7140	0.888	0.112	0.0151	9.69	1360	466	588	N/A	6490
8210	0.894	0.106	0.0132	11.1	1560	536	676	N/A	7460
9440	0.902	0.098	0.0115	12.8	1800	616	778	N/A	8580
10860	0.908	0.092	0.0100	14.7	2070	709	895	N/A	9870
12490	0.915	0.085	0.0087	17	2380	815	1030	N/A	11400
14390	0.919	0.081	0.0075	19.5	2740	939	1190	N/A	13100
16560	0.923	0.077	0.0065	22.5	3150	1080	1370	N/A	15100
19050	0.928	0.072	0.0057	25.9	3630	1240	1570	N/A	17300
21890	0.930	0.070	0.0049	29.7	4170	1430	1800	N/A	19900
25230	0.935	0.065	0.0043	34.3	4800	1650	2080	N/A	22900
29010	0.939	0.061	0.0037	39.4	5520	1890	2390	N/A	26400
33510	0.942	0.058	0.0032	45.5	6380	2190	2760	N/A	30400
38470	0.943	0.057	0.0028	52.2	7320	2510	3170	N/A	35000
44270	0.944	0.056	0.0024	60.1	8430	2890	3650	N/A	40300
50940	0.947	0.053	0.0021	69.2	9700	3330	4200	N/A	46300
58540	0.949	0.051	0.0019	79.5	11100	3820	4830	N/A	53300

MERCURY INJECTION CAPILLARY PRESSURE

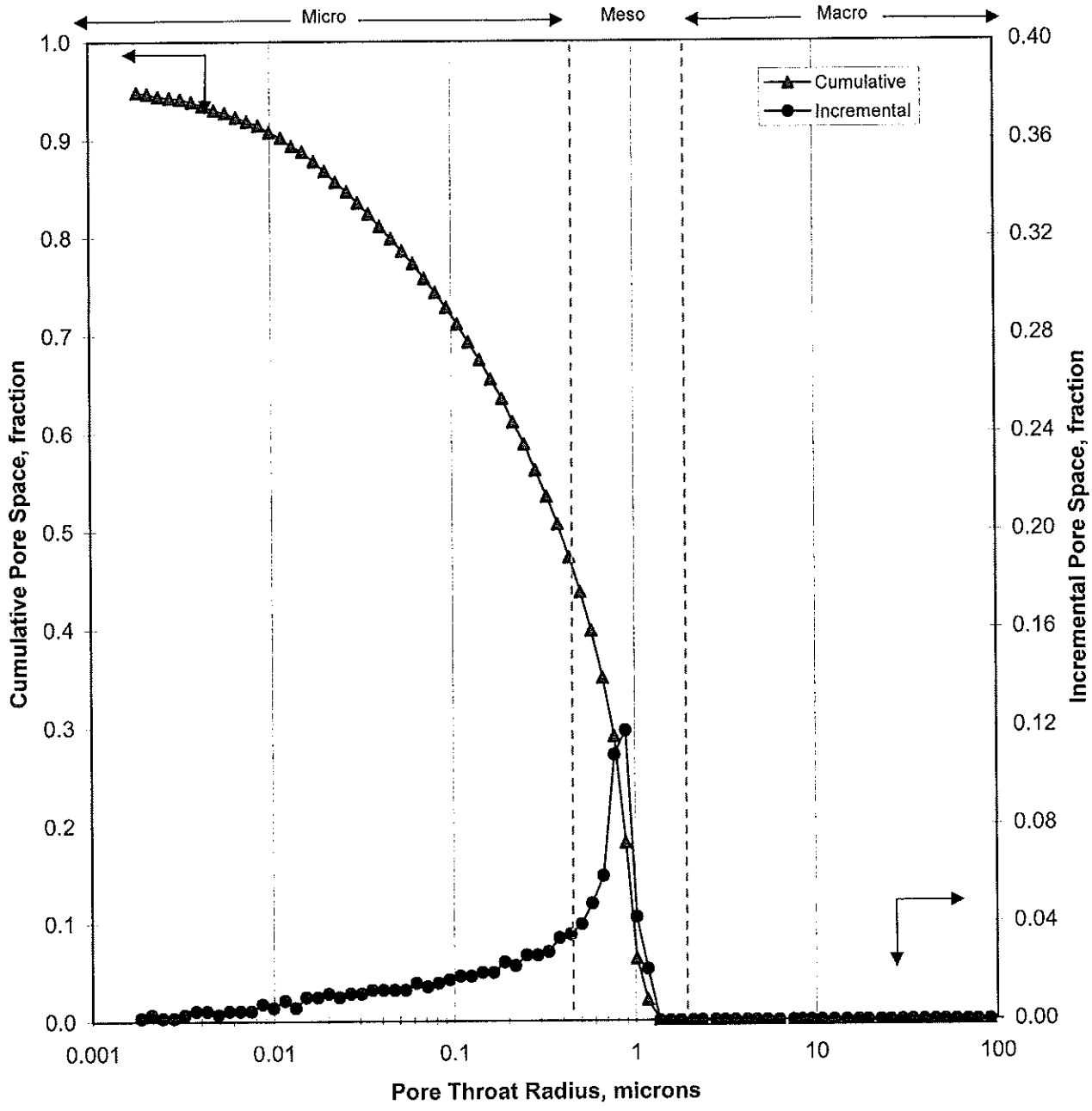
COMPANY:	Talisman Energy Inc.	FILE:	52132-08-6055
WELL:	East Simpson #2	FORMATION:	Albian - Torok
Sample:	East Simpson #2 (6076')	Ambient Condition Air Permeability, mD:	0.84
Depth, feet:	6076.0	Ambient Condition Porosity, fraction:	0.159



Median Pore Throat Radius, µm:	0.393	Hydrocarbon Density Gradient, psi/feet:	0.365
		Water Density Gradient, psi/feet:	0.430

MERCURY INJECTION CAPILLARY PRESSURE

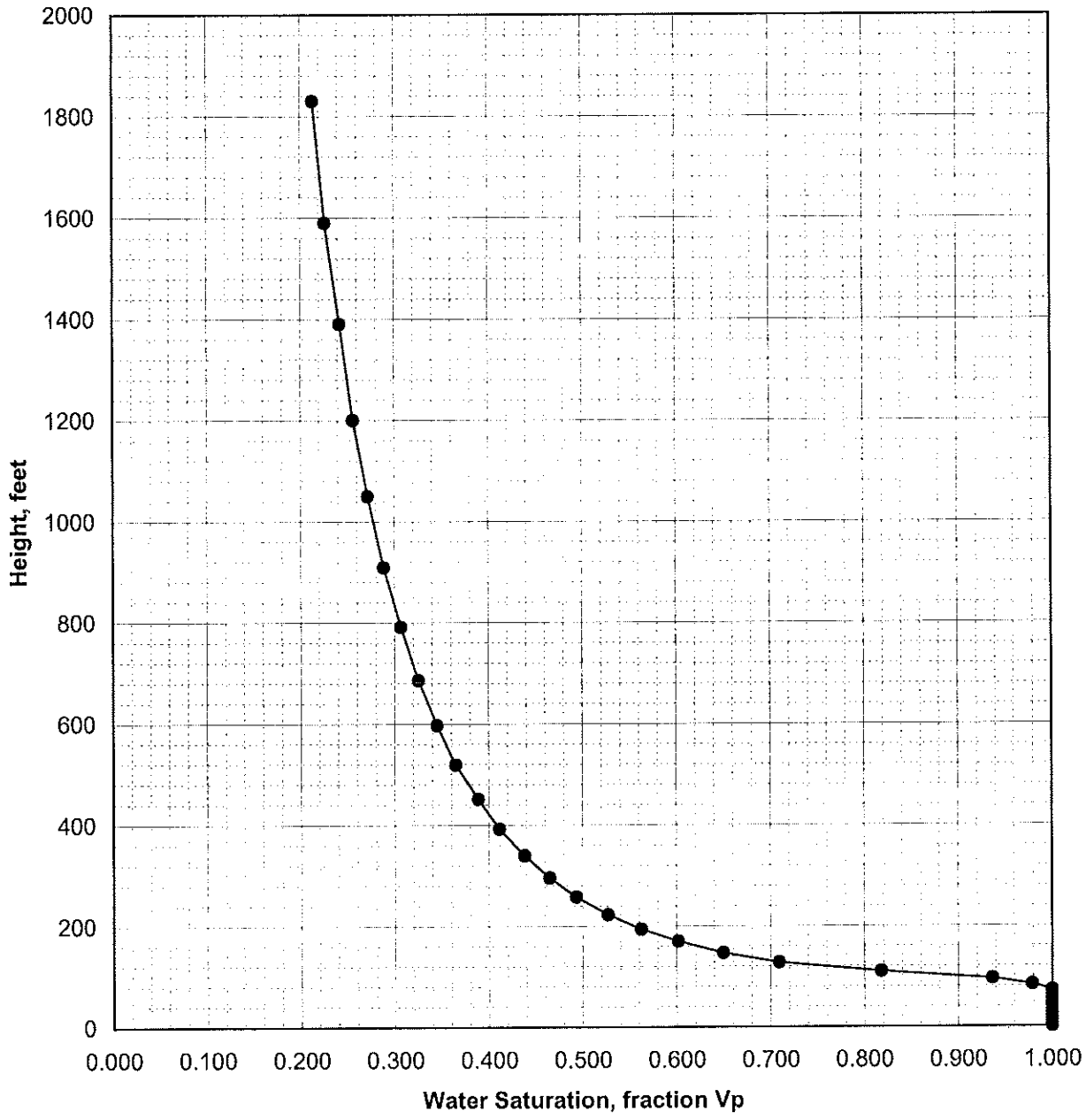
COMPANY:	Talisman Energy Inc.	FILE:	52132-08-6055
WELL:	East Simpson #2	FORMATION:	Albian - Torok
Sample:	East Simpson #2 (6076')	Ambient Condition Air Permeability, mD:	0.84
Depth, feet:	6076.0	Ambient Condition Porosity, fraction:	0.159



Median Pore Throat Radius, µm:	0.393	Hydrocarbon Density Gradient, psi/feet:	0.365
		Water Density Gradient, psi/feet:	0.430

MERCURY INJECTION CAPILLARY PRESSURE

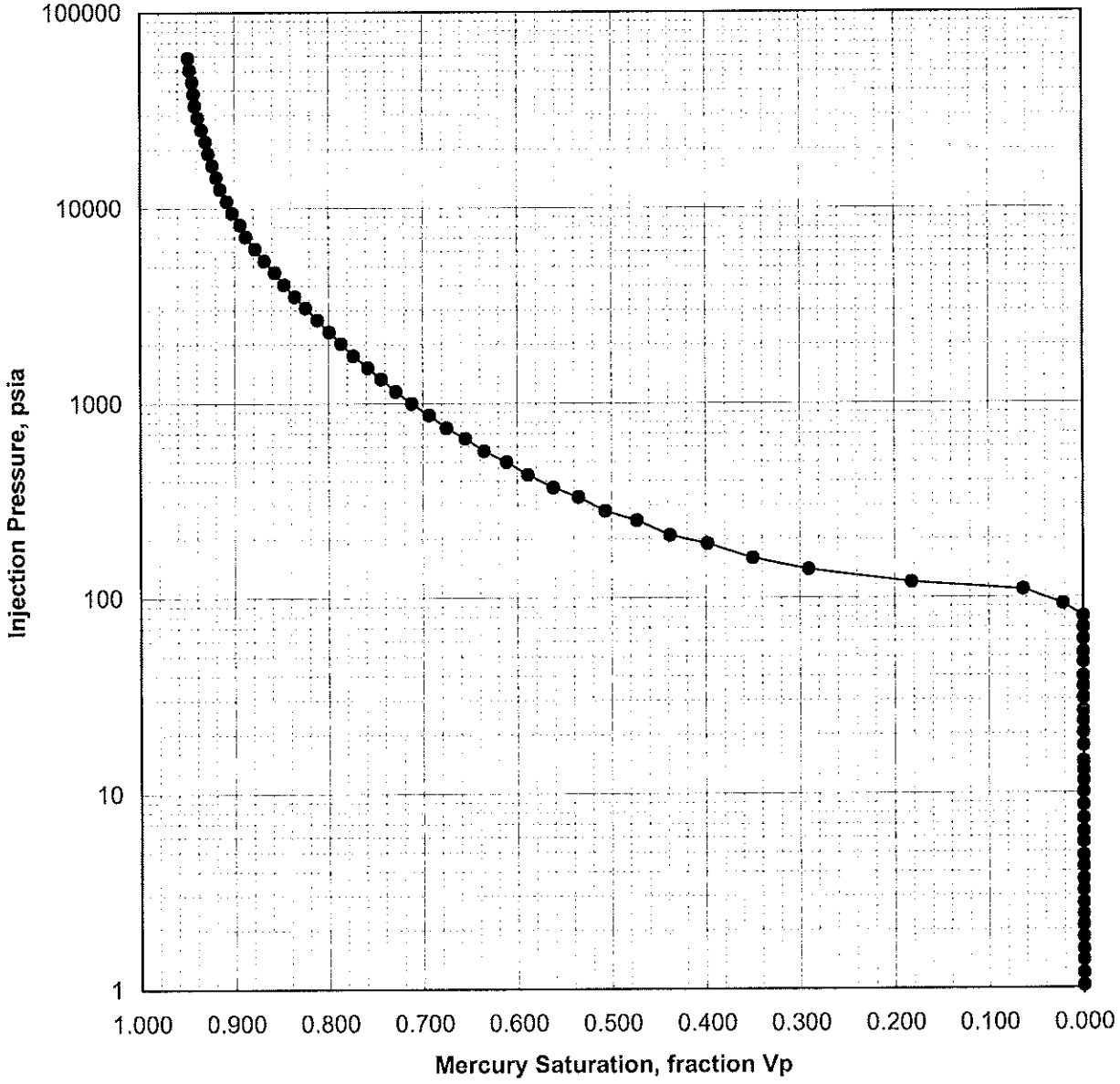
COMPANY:	Talisman Energy Inc.	FILE:	52132-08-6055
WELL:	East Simpson #2	FORMATION:	Albian - Torok
Sample:	East Simpson #2 (6076')	Ambient Condition Air Permeability, mD:	0.84
Depth, feet:	6076.0	Ambient Condition Porosity, fraction:	0.159



Median Pore Throat Radius, µm:	0.393	Hydrocarbon Density Gradient, psi/feet:	0.365
		Water Density Gradient, psi/feet:	0.430

MERCURY INJECTION CAPILLARY PRESSURE

COMPANY:	Talisman Energy Inc.	FILE:	52132-08-6055
WELL:	East Simpson #2	FORMATION:	Albian - Torok
Sample:	East Simpson #2 (6076')	Ambient Condition Air Permeability, mD:	0.84
Depth, feet:	6076.0	Ambient Condition Porosity, fraction:	0.159



Median Pore Throat Radius, µm:	0.393	Hydrocarbon Density Gradient, psi/feet:	0.365
		Water Density Gradient, psi/feet:	0.430

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MERCURY INJECTION DATA SUMMARY

Company:	Talisman Energy Inc.	Sample Number:	Ikpikpuk #1 (7141.5')
Well:	Ikpikpuk #1	Depth, feet:	7141.5
Field:	N/A	Air Permeability, mD:	324
Formation:	Albian - Torok	Porosity, fraction:	0.127
Country:	Alaska	File Number:	52132-08-6055

Injection Pressure, psia	Mercury Saturation, fraction	1.0-Mercury Saturation, fraction	Pore Radius, microns	J Function	Conversion to Other Laboratory Fluid Systems, psia			Est'd Height, feet Above Free Water	
					G-W	G-O	O-W	G-W	O-W
0.80	0.000	1.000	136	0.0237	0.152	0.052	0.066	N/A	0.72
0.90	0.000	1.000	120.0	0.0268	0.171	0.059	0.074	N/A	0.81
1.03	0.000	1.000	105.0	0.0307	0.196	0.067	0.085	N/A	0.92
1.19	0.000	1.000	90.9	0.0354	0.226	0.078	0.098	N/A	1.07
1.39	0.000	1.000	77.6	0.0415	0.265	0.091	0.115	N/A	1.25
1.6	0.000	1.000	68.4	0.0471	0.301	0.103	0.130	N/A	1.41
1.8	0.000	1.000	59.2	0.0544	0.348	0.119	0.151	N/A	1.64
2.1	0.000	1.000	51.4	0.0626	0.40	0.137	0.173	N/A	1.88
2.4	0.000	1.000	45.20	0.0712	0.456	0.156	0.197	N/A	2.1
2.7	0.000	1.000	39.40	0.0816	0.522	0.179	0.23	N/A	2.5
3.2	0.000	1.000	34.00	0.0946	0.605	0.207	0.26	N/A	2.9
3.6	0.000	1.000	29.90	0.108	0.687	0.236	0.30	N/A	3.2
4.2	0.000	1.000	25.70	0.125	0.801	0.275	0.35	N/A	3.8
4.8	0.000	1.000	22.70	0.142	0.908	0.311	0.39	N/A	4.3
5.6	0.000	1.000	19.30	0.167	1.07	0.366	0.46	N/A	5.0
6.3	0.000	1.000	17.10	0.189	1.21	0.414	0.52	N/A	5.7
7.4	0.000	1.000	14.70	0.219	1.40	0.481	0.61	N/A	6.6
8.6	0.000	1.000	12.50	0.257	1.65	0.564	0.71	N/A	7.8
10.1	0.000	1.000	10.70	0.3	1.9	0.658	0.83	N/A	9.0
11.5	0.000	1.000	9.38	0.343	2.2	0.753	0.95	N/A	10.3
13.0	0.000	1.000	8.33	0.386	2.5	0.847	1.07	N/A	11.6
14.4	0.000	1.000	7.500	0.429	2.7	0.941	1.19	N/A	12.9
17.4	0.000	1.000	6.220	0.517	3.3	1.13	1.4	N/A	15.5
20.3	0.000	1.000	5.330	0.604	3.9	1.3	1.7	N/A	18.2
23.2	0.000	1.000	4.660	0.69	4.4	1.5	1.9	N/A	20.8
26.0	0.000	1.000	4.160	0.773	4.9	1.7	2.1	N/A	23.3
30.3	0.000	1.000	3.570	0.902	5.8	2.0	2.5	N/A	27.2
34.6	0.000	1.000	3.130	1.03	6.59	2.3	2.9	N/A	31.0
39.0	0.000	1.000	2.770	1.16	7.42	2.6	3.2	N/A	34.9
46.2	0.000	1.000	2.340	1.37	8.79	3.0	3.8	N/A	41.4
51.9	0.000	1.000	2.0800	1.55	9.89	3.4	4.28	N/A	46.5
60.7	0.000	1.000	1.7800	1.81	11.6	3.96	5	N/A	54.4
69.4	0.000	1.000	1.5600	2.07	13.2	4.53	5.72	N/A	62.2
79.4	0.000	1.000	1.3600	2.37	15.1	5.18	6.55	N/A	71.2
92.4	0.000	1.000	1.1700	2.75	17.6	6.03	7.62	N/A	82.8
110	0.000	1.000	1.0200	3.14	20.1	6.88	8.69	N/A	94.5
120	0.000	1.000	0.8890	3.62	23.2	7.94	10	N/A	109.0
140	0.000	1.000	0.7680	4.19	26.8	9.18	11.6	N/A	126.0
160	0.000	1.000	0.6670	4.83	30.9	10.6	13.4	N/A	146.0
190	0.000	1.000	0.5780	5.56	35.6	12.2	15.4	N/A	167.0
210	0.000	1.000	0.5040	6.38	40.8	14	17.7	N/A	192.0
250	0.000	1.000	0.4390	7.33	46.8	16.1	20.3	N/A	221

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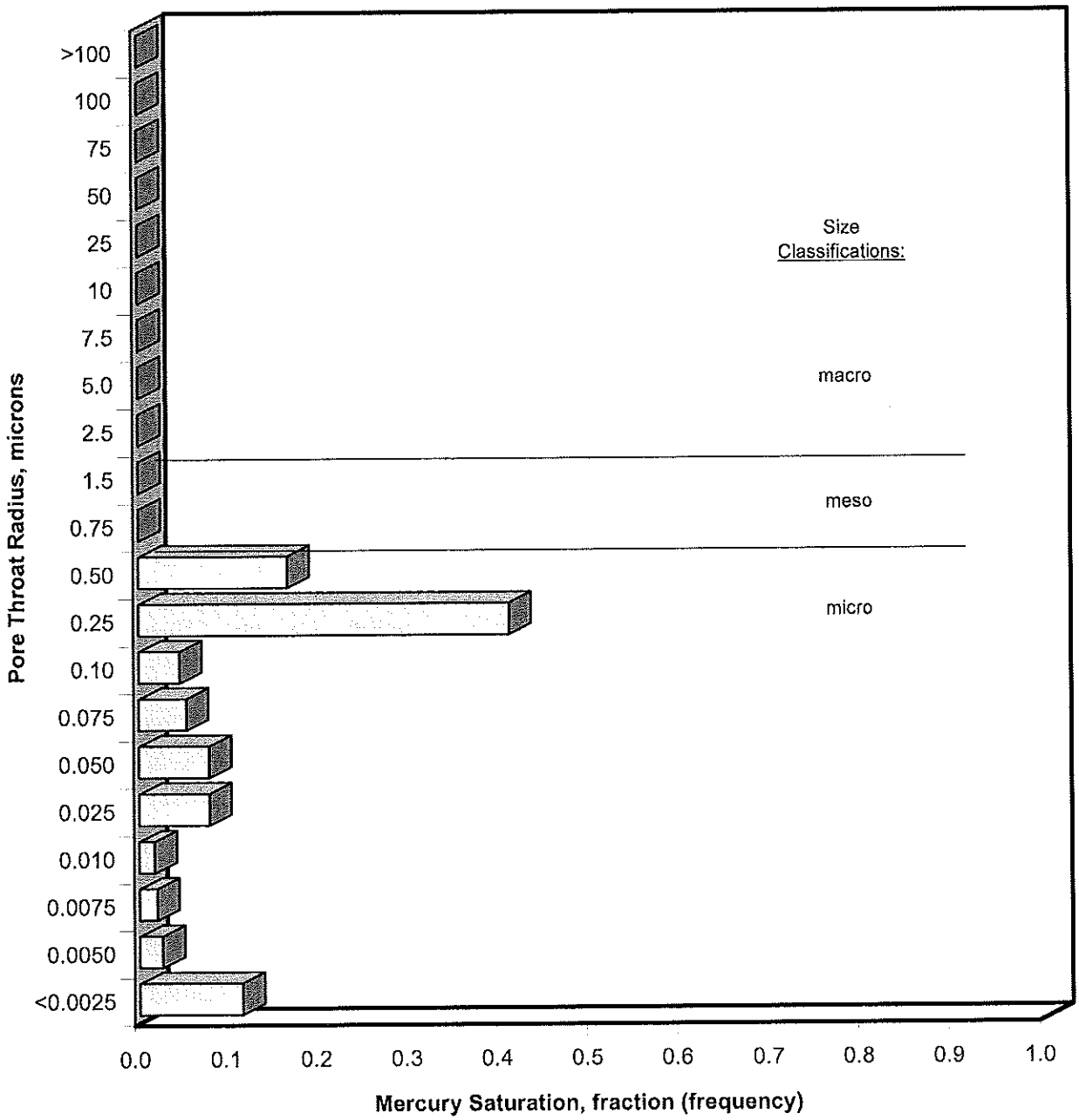
MERCURY INJECTION DATA SUMMARY

Company:	Talisman Energy Inc.	Sample Number:	Ikpikpuk #1 (7141.5')
Well:	Ikpikpuk #1	Depth, feet:	7141.5
Field:	N/A	Air Permeability, mD:	324
Formation:	Albian - Torok	Porosity, fraction:	0.127
Country:	Alaska	File Number:	52132-08-6055

Injection Pressure, psia	Mercury Saturation, fraction	1.0-Mercury Saturation, fraction	Pore Radius, microns	J Function	Conversion to Other Laboratory Fluid Systems, psia			Est'd Height, feet Above Free Water	
					G-W	G-O	O-W	G-W	O-W
280	0.000	1.000	0.3800	8.46	54.1	18.5	23.4	N/A	254
330	0.000	1.000	0.3310	9.71	62.1	21.3	26.9	N/A	292
370	0.053	0.947	0.2890	11.1	71.2	24.4	30.9	N/A	336
430	0.161	0.839	0.2510	12.8	82.1	28.2	35.6	N/A	387
500	0.301	0.699	0.2180	14.8	94.4	32.4	40.9	N/A	445
570	0.396	0.604	0.1900	17	108	37.2	47	N/A	511
660	0.457	0.543	0.1650	19.5	125	42.8	54.1	N/A	588
750	0.497	0.503	0.1430	22.5	144	49.2	62.2	N/A	676
870	0.532	0.468	0.1240	25.9	165	56.7	71.6	N/A	778
1000	0.559	0.441	0.1080	29.7	190	65.2	82.3	N/A	895
1150	0.584	0.416	0.0941	34.2	219	75	94.7	N/A	1030
1320	0.606	0.394	0.0816	39.4	252	86.4	109	N/A	1190
1520	0.626	0.374	0.0710	45.3	290	99.3	125	N/A	1360
1750	0.644	0.356	0.0618	52.1	333	114	144	N/A	1570
2020	0.662	0.338	0.0536	60	384	132	166	N/A	1800
2320	0.679	0.321	0.0466	69	441	151	191	N/A	2080
2670	0.695	0.305	0.0405	79.4	508	174	220	N/A	2390
3070	0.711	0.289	0.0352	91.5	585	201	253	N/A	2750
3530	0.726	0.274	0.0306	105	672	230	291	N/A	3160
4060	0.742	0.258	0.0266	121	774	265	335	N/A	3640
4680	0.755	0.245	0.0231	139	891	305	386	N/A	4200
5380	0.769	0.231	0.0201	160	1020	351	443	N/A	4820
6190	0.784	0.216	0.0175	184	1180	404	510	N/A	5540
7130	0.795	0.205	0.0152	212	1360	466	588	N/A	6390
8200	0.806	0.194	0.0132	244	1560	536	676	N/A	7350
9430	0.816	0.184	0.0115	281	1800	616	778	N/A	8460
10860	0.826	0.174	0.0100	323	2070	709	895	N/A	9730
12490	0.833	0.167	0.0087	372	2380	815	1030	N/A	11200
14390	0.842	0.158	0.0075	428	2740	939	1190	N/A	12900
16560	0.849	0.151	0.0065	493	3150	1080	1360	N/A	14800
19050	0.856	0.144	0.0057	567	3630	1240	1570	N/A	17100
21890	0.862	0.138	0.0049	652	4170	1430	1800	N/A	19600
25230	0.869	0.131	0.0043	751	4800	1650	2080	N/A	22600
29010	0.875	0.125	0.0037	864	5520	1890	2390	N/A	26000
33510	0.880	0.120	0.0032	998	6380	2190	2760	N/A	30000
38470	0.884	0.116	0.0028	1150	7320	2510	3170	N/A	34500
44270	0.887	0.113	0.0024	1320	8430	2890	3650	N/A	39700
50940	0.893	0.107	0.0021	1520	9700	3320	4200	N/A	45700
58540	0.896	0.104	0.0019	1740	11100	3820	4830	N/A	52500

MERCURY INJECTION CAPILLARY PRESSURE

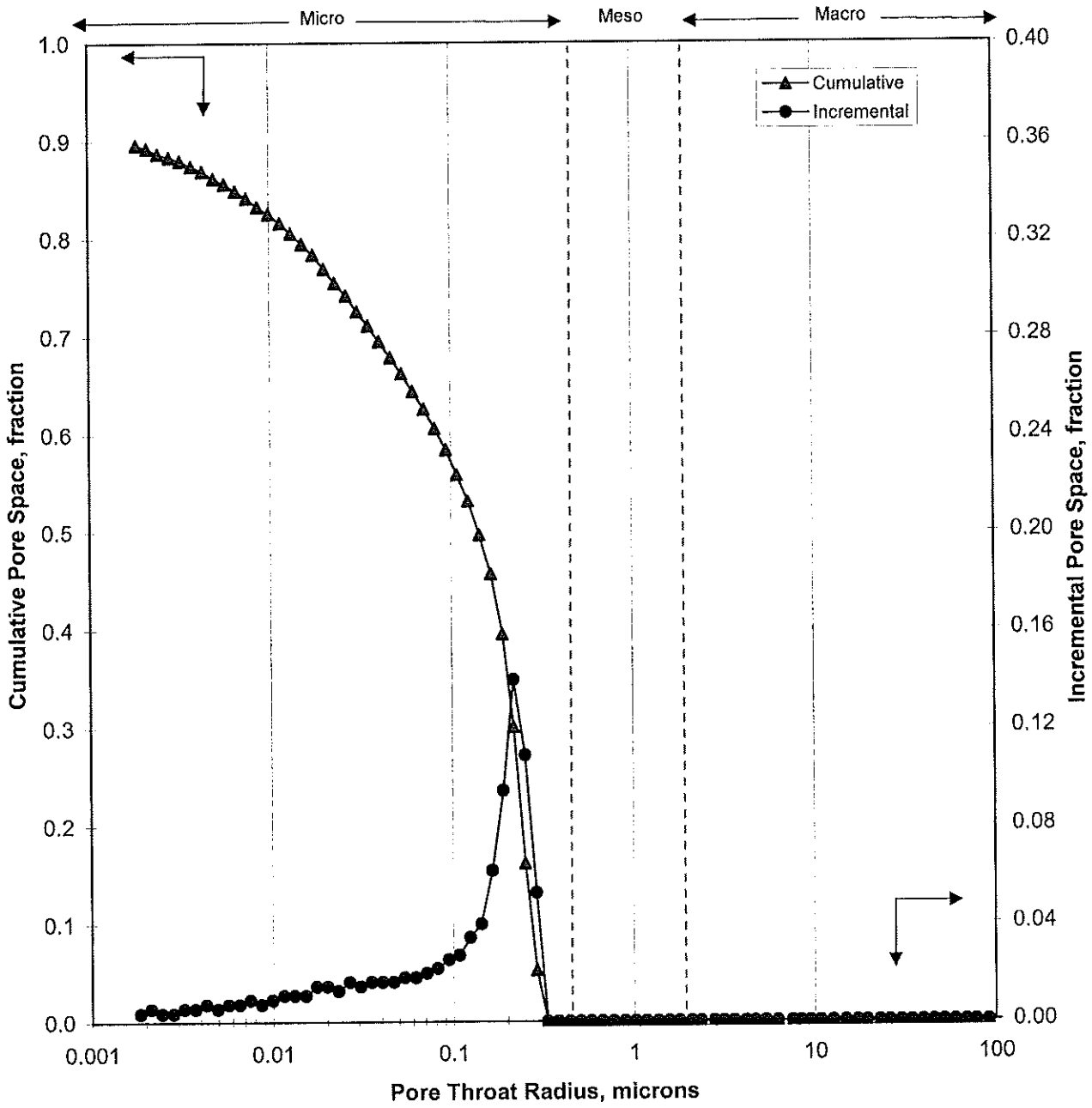
COMPANY:	Talisman Energy Inc.	FILE:	52132-08-6055
WELL:	Ikpikpuk #1	FORMATION:	Albian - Torok
Sample:	Ikpikpuk #1 (7141.5')	Ambient Condition Air Permeability, mD:	324
Depth, feet:	7141.5	Ambient Condition Porosity, fraction:	0.127



Median Pore Throat Radius, µm:	0.141	Hydrocarbon Density Gradient, psi/feet:	0.362
		Water Density Gradient, psi/feet:	0.428

MERCURY INJECTION CAPILLARY PRESSURE

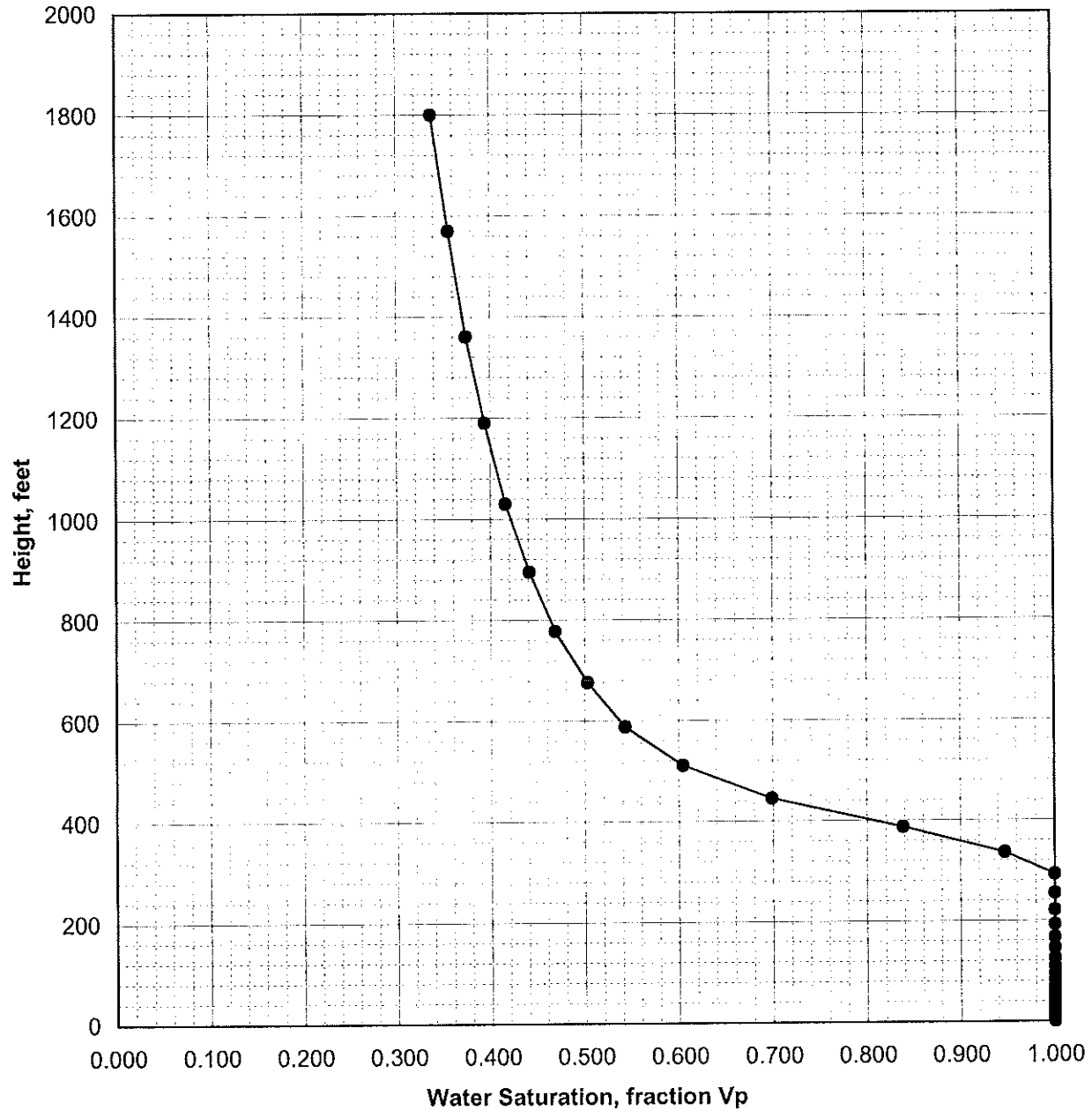
COMPANY:	Talisman Energy Inc.	FILE:	52132-08-6055
WELL:	Ikpikpuk #1	FORMATION:	Albian - Torok
Sample:	Ikpikpuk #1 (7141.5')	Ambient Condition Air Permeability, mD:	324
Depth, feet:	7141.5	Ambient Condition Porosity, fraction:	0.127



Median Pore Throat Radius, µm:	0.141	Hydrocarbon Density Gradient, psi/feet:	0.362
		Water Density Gradient, psi/feet:	0.428

MERCURY INJECTION CAPILLARY PRESSURE

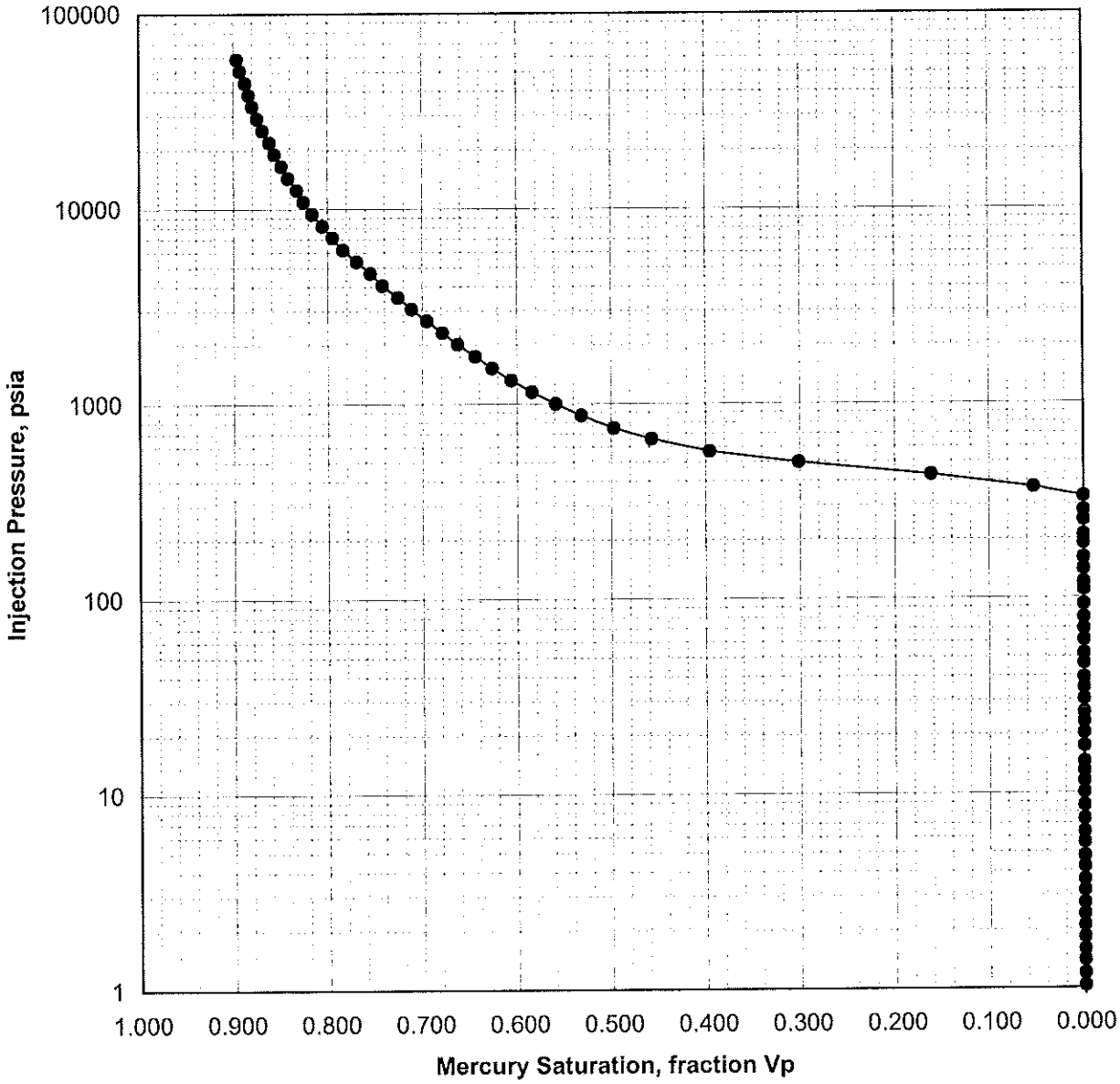
COMPANY:	Talisman Energy Inc.	FILE:	52132-08-6055
WELL:	Ikpikpuk #1	FORMATION:	Albian - Torok
Sample:	Ikpikpuk #1 (7141.5')	Ambient Condition Air Permeability, mD:	324
Depth, feet:	7141.5	Ambient Condition Porosity, fraction:	0.127



Median Pore Throat Radius, µm:	0.141	Hydrocarbon Density Gradient, psi/feet:	0.362
		Water Density Gradient, psi/feet:	0.428

MERCURY INJECTION CAPILLARY PRESSURE

COMPANY:	Talisman Energy Inc.	FILE:	52132-08-6055
WELL:	Ikpikpuk #1	FORMATION:	Albian - Torok
Sample:	Ikpikpuk #1 (7141.5')	Ambient Condition Air Permeability, mD:	324
Depth, feet:	7141.5	Ambient Condition Porosity, fraction:	0.127



Median Pore Throat Radius, µm:	0.141	Hydrocarbon Density Gradient, psi/feet:	0.362
		Water Density Gradient, psi/feet:	0.428

Core Laboratories
Advanced Rock Properties

MERCURY INJECTION DATA SUMMARY

Company:	Talisman Energy Inc.	Sample Number:	J.W. Dalton#1 (4693.5')
Well:	J.W. Dalton #1	Depth, feet:	4693.5
Field:	N/A	Air Permeability, mD:	12.8
Formation:	Albian - Torok	Porosity, fraction:	0.196
Country:	Alaska	File Number:	52132-08-6055

Injection Pressure, psia	Mercury Saturation, fraction	1.0-Mercury Saturation, fraction	Pore Radius, microns	J Function	Conversion to Other Laboratory Fluid Systems, psia			Est'd Height, feet Above Free Water	
					G-W	G-O	O-W	G-W	O-W
0.80	0.000	1.000	136	0.00381	0.152	0.052	0.066	N/A	0.74
0.93	0.000	1.000	116.0	0.00443	0.177	0.061	0.077	N/A	0.86
1.04	0.000	1.000	104.0	0.00498	0.199	0.068	0.086	N/A	0.97
1.20	0.000	1.000	89.8	0.00575	0.229	0.079	0.099	N/A	1.12
1.39	0.000	1.000	77.6	0.00665	0.265	0.091	0.115	N/A	1.30
1.6	0.000	1.000	67.8	0.00762	0.304	0.104	0.132	N/A	1.49
1.8	0.000	1.000	59.2	0.00872	0.348	0.119	0.151	N/A	1.70
2.1	0.000	1.000	51.8	0.00997	0.398	0.136	0.172	N/A	1.94
2.4	0.000	1.000	45.20	0.0114	0.456	0.156	0.197	N/A	2.2
2.7	0.000	1.000	39.40	0.0131	0.522	0.179	0.23	N/A	2.6
3.2	0.000	1.000	34.00	0.0152	0.605	0.207	0.26	N/A	3.0
3.6	0.000	1.000	29.90	0.0172	0.687	0.236	0.30	N/A	3.4
4.2	0.000	1.000	25.70	0.0201	0.801	0.275	0.35	N/A	3.9
4.8	0.000	1.000	22.70	0.0228	0.908	0.311	0.39	N/A	4.4
5.6	0.000	1.000	19.30	0.0268	1.07	0.366	0.46	N/A	5.2
6.4	0.000	1.000	17.00	0.0303	1.21	0.415	0.52	N/A	5.9
7.4	0.000	1.000	14.70	0.0352	1.40	0.481	0.61	N/A	6.9
8.6	0.000	1.000	12.50	0.0413	1.65	0.564	0.71	N/A	8.0
10.1	0.000	1.000	10.70	0.0481	1.9	0.658	0.83	N/A	9.4
11.5	0.000	1.000	9.38	0.055	2.2	0.753	0.95	N/A	10.7
13.0	0.000	1.000	8.33	0.062	2.5	0.847	1.07	N/A	12.1
14.4	0.000	1.000	7.500	0.0688	2.7	0.941	1.19	N/A	13.4
17.4	0.000	1.000	6.220	0.0829	3.3	1.13	1.4	N/A	16.1
20.3	0.000	1.000	5.330	0.0968	3.9	1.3	1.7	N/A	18.8
23.1	0.000	1.000	4.680	0.11	4.4	1.5	1.9	N/A	21.4
26.2	0.000	1.000	4.130	0.125	5.0	1.7	2.2	N/A	24.4
30.4	0.000	1.000	3.550	0.145	5.8	2.0	2.5	N/A	28.3
34.8	0.000	1.000	3.100	0.166	6.63	2.3	2.9	N/A	32.4
39.1	0.000	1.000	2.760	0.187	7.44	2.6	3.2	N/A	36.3
46.3	0.000	1.000	2.330	0.221	8.82	3.0	3.8	N/A	43.1
52.0	0.027	0.973	2.0800	0.248	9.91	3.4	4.29	N/A	48.4
60.6	0.082	0.918	1.7800	0.289	11.5	3.95	4.99	N/A	56.3
69.1	0.124	0.876	1.5600	0.33	13.2	4.51	5.7	N/A	64.3
79.0	0.161	0.839	1.3700	0.377	15	5.16	6.51	N/A	73.4
92.2	0.200	0.800	1.1700	0.44	17.5	6.02	7.6	N/A	85.7
110	0.231	0.769	1.0300	0.503	20	6.87	8.68	N/A	97.9
120	0.261	0.739	0.8940	0.577	23	7.89	9.97	N/A	112.0
140	0.290	0.710	0.7750	0.666	26.6	9.11	11.5	N/A	130.0
160	0.318	0.682	0.6710	0.769	30.7	10.5	13.3	N/A	150.0
190	0.343	0.657	0.5830	0.885	35.3	12.1	15.3	N/A	173.0
210	0.368	0.632	0.5080	1.02	40.6	13.9	17.6	N/A	199.0
240	0.392	0.608	0.4410	1.17	46.6	16	20.2	N/A	228

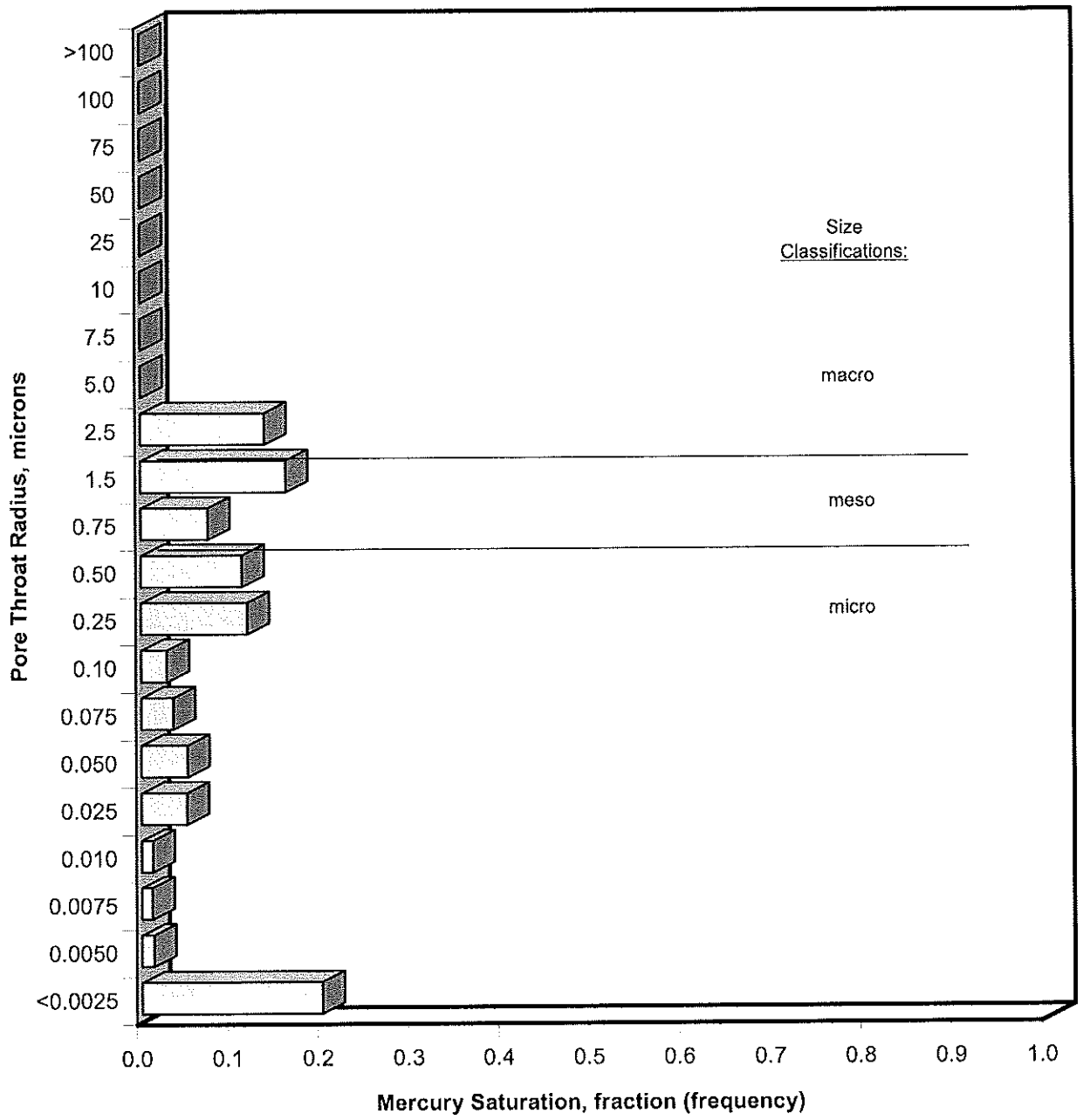
MERCURY INJECTION DATA SUMMARY

Company:	Talisman Energy Inc.	Sample Number:	J.W. Dalton#1 (4693.5')
Well:	J.W. Dalton #1	Depth, feet:	4693.5
Field:	N/A	Air Permeability, mD:	12.8
Formation:	Albian - Torok	Porosity, fraction:	0.196
Country:	Alaska	File Number:	52132-08-6055

Injection Pressure, psia	Mercury Saturation, fraction	1.0-Mercury Saturation, fraction	Pore Radius, microns	J Function	Conversion to Other Laboratory Fluid Systems, psia			Est'd Height, feet Above Free Water	
					G-W	G-O	O-W	G-W	O-W
280	0.415	0.585	0.3830	1.35	53.7	18.4	23.2	N/A	262
320	0.437	0.563	0.3340	1.55	61.7	21.1	26.7	N/A	301
370	0.460	0.540	0.2900	1.78	71	24.3	30.7	N/A	346
430	0.482	0.518	0.2510	2.06	82	28.1	35.5	N/A	400
490	0.503	0.497	0.2180	2.36	94.2	32.3	40.8	N/A	460
570	0.523	0.477	0.1890	2.73	109	37.3	47.1	N/A	531
660	0.540	0.460	0.1650	3.13	125	42.8	54	N/A	609
760	0.557	0.443	0.1430	3.61	144	49.4	62.4	N/A	704
870	0.574	0.426	0.1240	4.15	166	56.7	71.7	N/A	809
1000	0.592	0.408	0.1080	4.77	190	65.3	82.5	N/A	931
1150	0.605	0.395	0.0940	5.49	219	75	94.8	N/A	1070
1320	0.619	0.381	0.0817	6.32	252	86.4	109	N/A	1230
1520	0.633	0.367	0.0710	7.27	290	99.4	126	N/A	1420
1750	0.645	0.355	0.0617	8.37	334	114	145	N/A	1640
2020	0.657	0.343	0.0536	9.62	384	132	166	N/A	1870
2320	0.669	0.331	0.0466	11.1	442	152	191	N/A	2150
2670	0.680	0.320	0.0405	12.7	508	174	220	N/A	2480
3070	0.690	0.310	0.0352	14.7	585	201	253	N/A	2850
3540	0.700	0.300	0.0306	16.9	673	231	291	N/A	3280
4070	0.710	0.290	0.0266	19.4	774	265	335	N/A	3780
4680	0.719	0.281	0.0231	22.4	891	306	386	N/A	4350
5390	0.727	0.273	0.0201	25.7	1030	352	444	N/A	5010
6200	0.736	0.264	0.0174	29.6	1180	405	511	N/A	5760
7130	0.745	0.255	0.0152	34	1360	465	587	N/A	6620
8210	0.751	0.249	0.0132	39.2	1560	536	677	N/A	7640
9430	0.758	0.242	0.0115	45	1800	616	778	N/A	8780
10870	0.764	0.236	0.0100	51.9	2070	709	896	N/A	10100
12510	0.770	0.230	0.0086	59.7	2380	816	1030	N/A	11600
14400	0.776	0.224	0.0075	68.7	2740	940	1190	N/A	13400
16590	0.780	0.220	0.0065	79.2	3160	1080	1370	N/A	15500
19030	0.784	0.216	0.0057	90.8	3620	1240	1570	N/A	17700
21900	0.788	0.212	0.0049	105	4170	1430	1810	N/A	20400
25180	0.791	0.209	0.0043	120	4790	1640	2080	N/A	23500
28990	0.796	0.204	0.0037	138	5520	1890	2390	N/A	27000
33460	0.798	0.202	0.0032	160	6370	2180	2760	N/A	31100
38390	0.799	0.201	0.0028	183	7310	2510	3160	N/A	35600
44160	0.801	0.199	0.0025	211	8410	2880	3640	N/A	41100
50840	0.801	0.199	0.0021	243	9680	3320	4190	N/A	47300
58530	0.803	0.197	0.0019	279	11100	3820	4820	N/A	54400

MERCURY INJECTION CAPILLARY PRESSURE

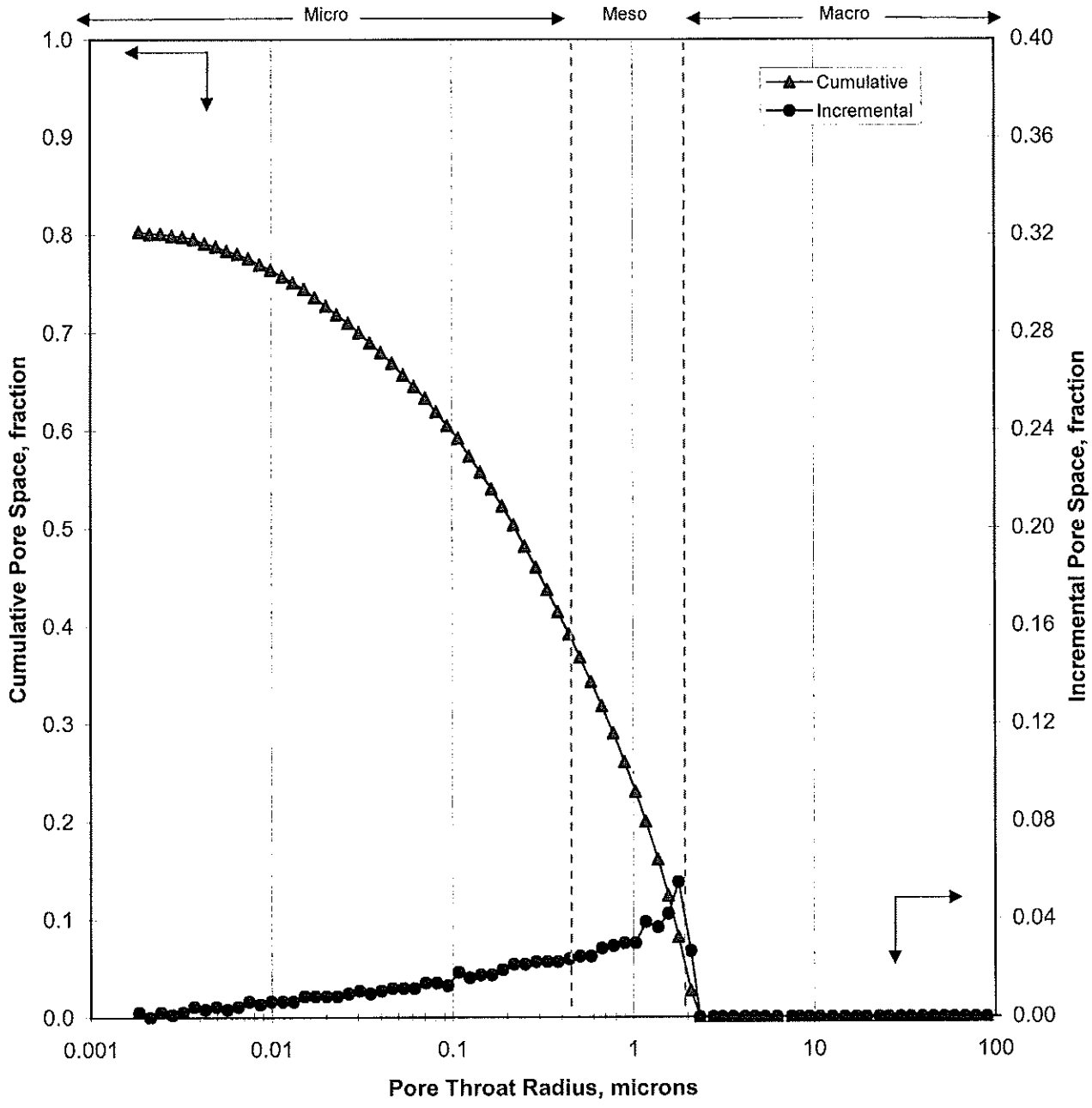
COMPANY:	Talisman Energy Inc.	FILE:	52132-08-6055
WELL:	J.W. Dalton #1	FORMATION:	Albian - Torok
Sample:	J.W. Dalton #1 (4693.5')	Ambient Condition Air Permeability, mD:	12.8
Depth, feet:	4693.5	Ambient Condition Porosity, fraction:	0.196



Median Pore Throat Radius, µm:	0.223	Hydrocarbon Density Gradient, psi/feet:	0.369
		Water Density Gradient, psi/feet:	0.433

MERCURY INJECTION CAPILLARY PRESSURE

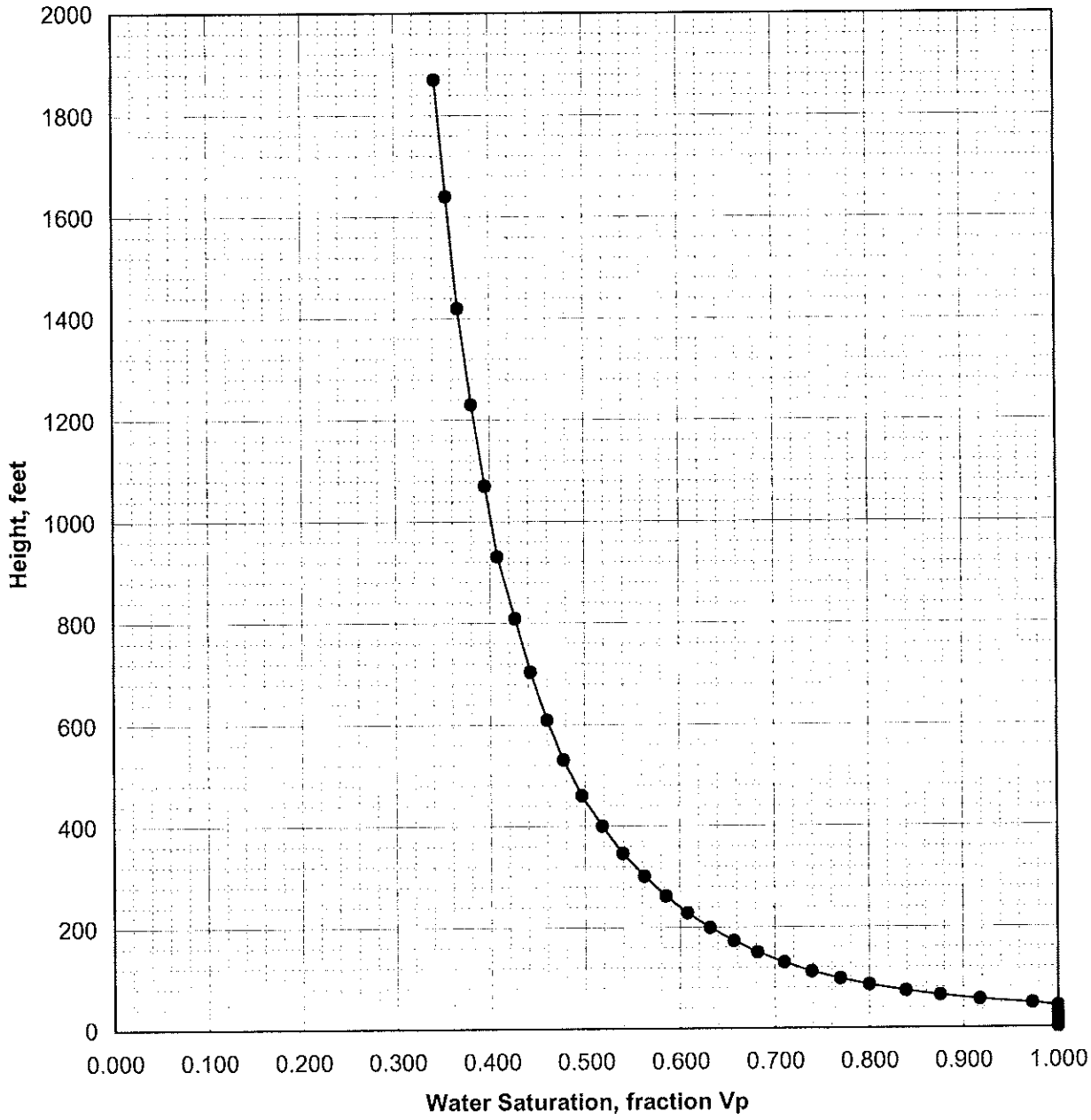
COMPANY:	Talisman Energy Inc.	FILE:	52132-08-6055
WELL:	J.W. Dalton #1	FORMATION:	Albian - Torok
Sample:	J.W. Dalton #1 (4693.5')	Ambient Condition Air Permeability, mD:	12.8
Depth, feet:	4693.5	Ambient Condition Porosity, fraction:	0.196



Median Pore Throat Radius, µm:	0.223	Hydrocarbon Density Gradient, psi/feet:	0.369
		Water Density Gradient, psi/feet:	0.433

MERCURY INJECTION CAPILLARY PRESSURE

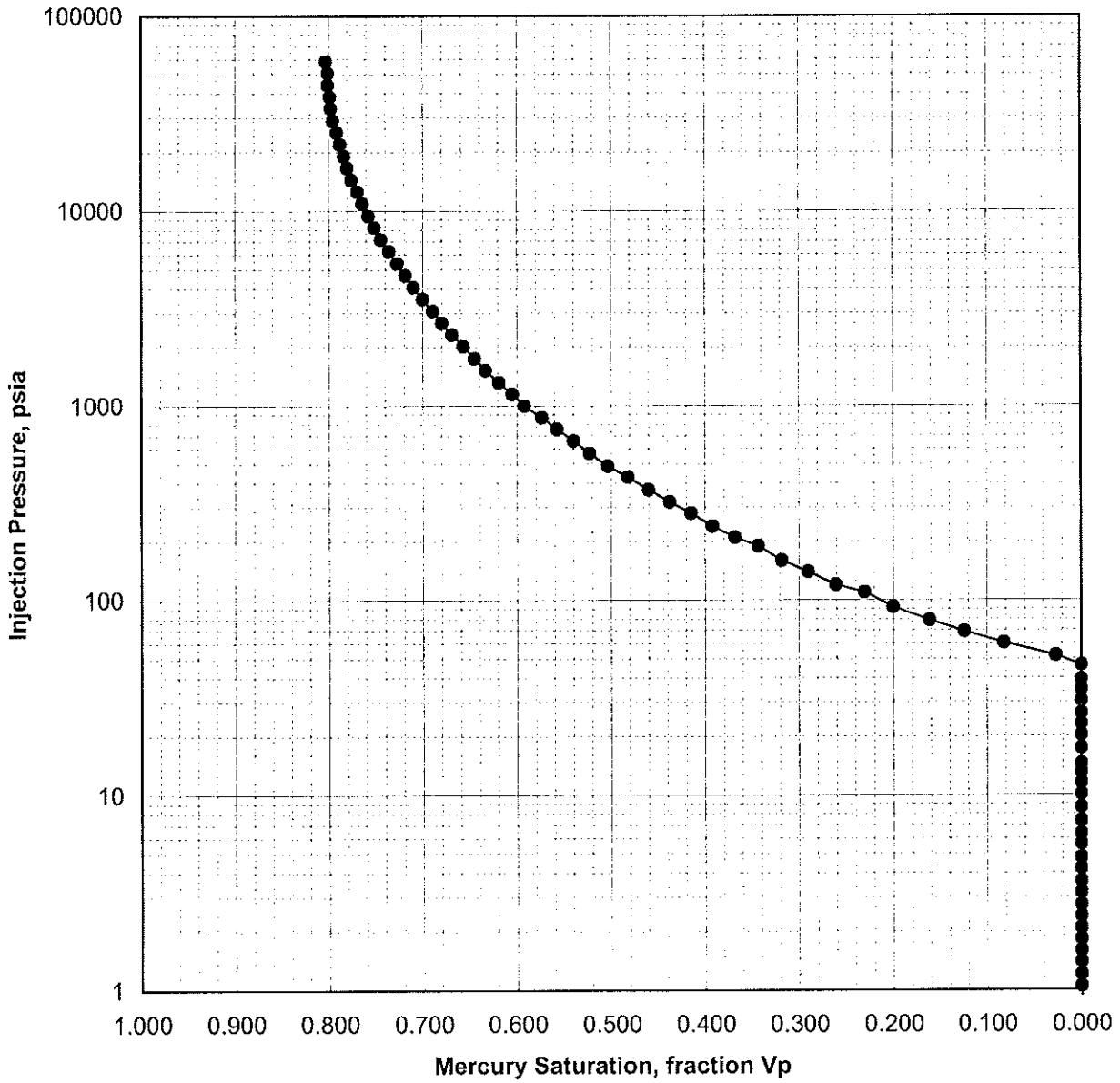
COMPANY:	Talisman Energy Inc.	FILE:	52132-08-6055
WELL:	J.W. Dalton #1	FORMATION:	Albian - Torok
Sample:	J.W. Dalton #1 (4693.5')	Ambient Condition Air Permeability, mD:	12.8
Depth, feet:	4693.5	Ambient Condition Porosity, fraction:	0.196



Median Pore Throat Radius, µm:	0.223	Hydrocarbon Density Gradient, psi/feet:	0.369
		Water Density Gradient, psi/feet:	0.433

MERCURY INJECTION CAPILLARY PRESSURE

COMPANY:	Talisman Energy Inc.	FILE:	52132-08-6055
WELL:	J.W. Dalton #1	FORMATION:	Albian - Torok
Sample:	J.W. Dalton#1 (4693.5')	Ambient Condition Air Permeability, mD:	12.8
Depth, feet:	4693.5	Ambient Condition Porosity, fraction:	0.196



Median Pore Throat Radius, µm:	0.223	Hydrocarbon Density Gradient, psi/feet:	0.369
		Water Density Gradient, psi/feet:	0.433

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MERCURY INJECTION DATA SUMMARY

Company:	Talisman Energy Inc.	Sample Number:	J.W. Dalton #1 (4697.5')
Well:	J.W. Dalton #1	Depth, feet:	4697.5
Field:	N/A	Air Permeability, mD:	135
Formation:	Albian - Torok	Porosity, fraction:	0.195
Country:	Alaska	File Number:	52132-08-6055

Injection Pressure, psia	Mercury Saturation, fraction	1.0-Mercury Saturation, fraction	Pore Radius, microns	J Function	Conversion to Other Laboratory Fluid Systems, psia			Est'd Height, feet Above Free Water	
					G-W	G-O	O-W	G-W	O-W
0.80	0.000	1.000	136	0.0124	0.152	0.052	0.066	N/A	0.74
0.91	0.000	1.000	118.0	0.0142	0.174	0.060	0.075	N/A	0.85
1.04	0.000	1.000	104.0	0.0162	0.199	0.068	0.086	N/A	0.97
1.20	0.000	1.000	89.8	0.0187	0.229	0.079	0.099	N/A	1.12
1.39	0.000	1.000	77.6	0.0216	0.265	0.091	0.115	N/A	1.30
1.6	0.000	1.000	68.4	0.0245	0.301	0.103	0.130	N/A	1.47
1.8	0.000	1.000	59.2	0.0284	0.348	0.119	0.151	N/A	1.70
2.1	0.000	1.000	51.4	0.0327	0.40	0.137	0.173	N/A	1.95
2.4	0.000	1.000	44.60	0.0376	0.461	0.158	0.200	N/A	2.3
2.8	0.000	1.000	39.20	0.0428	0.525	0.180	0.23	N/A	2.6
3.2	0.000	1.000	34.00	0.0493	0.605	0.207	0.26	N/A	3.0
3.6	0.000	1.000	29.80	0.0563	0.69	0.237	0.30	N/A	3.4
4.2	0.000	1.000	25.80	0.0651	0.798	0.274	0.35	N/A	3.9
4.8	0.000	1.000	22.70	0.0739	0.906	0.31	0.39	N/A	4.4
5.6	0.000	1.000	19.20	0.0874	1.07	0.367	0.46	N/A	5.2
6.3	0.000	1.000	17.10	0.0984	1.21	0.414	0.52	N/A	5.9
7.3	0.000	1.000	14.70	0.114	1.40	0.479	0.61	N/A	6.8
8.7	0.000	1.000	12.50	0.134	1.65	0.565	0.71	N/A	8.1
10.1	0.000	1.000	10.70	0.157	1.9	0.659	0.83	N/A	9.4
11.5	0.000	1.000	9.36	0.179	2.2	0.754	0.95	N/A	10.7
13.0	0.000	1.000	8.33	0.202	2.5	0.847	1.07	N/A	12.1
14.4	0.000	1.000	7.500	0.224	2.7	0.941	1.19	N/A	13.4
17.3	0.000	1.000	6.240	0.269	3.3	1.13	1.4	N/A	16.1
20.3	0.047	0.953	5.330	0.315	3.9	1.3	1.7	N/A	18.8
23.2	0.112	0.888	4.660	0.36	4.4	1.5	1.9	N/A	21.5
26.0	0.129	0.871	4.160	0.404	5.0	1.7	2.1	N/A	24.1
30.4	0.170	0.830	3.560	0.471	5.8	2.0	2.5	N/A	28.2
34.7	0.205	0.795	3.120	0.539	6.6	2.3	2.9	N/A	32.2
39.1	0.233	0.767	2.770	0.607	7.44	2.6	3.2	N/A	36.3
46.3	0.264	0.736	2.340	0.718	8.81	3.0	3.8	N/A	43.0
52.0	0.283	0.717	2.0800	0.807	9.89	3.4	4.28	N/A	48.3
60.7	0.306	0.694	1.7800	0.943	11.6	3.96	5.01	N/A	56.5
69.4	0.324	0.676	1.5600	1.08	13.2	4.53	5.72	N/A	64.5
79.7	0.343	0.657	1.3600	1.24	15.2	5.2	6.57	N/A	74.1
92.5	0.362	0.638	1.1700	1.44	17.6	6.04	7.63	N/A	86.0
110	0.379	0.621	1.0200	1.64	20.1	6.9	8.72	N/A	98.3
120	0.397	0.603	0.8890	1.89	23.2	7.94	10	N/A	113.0
140	0.414	0.586	0.7700	2.18	26.7	9.16	11.6	N/A	131.0
160	0.432	0.568	0.6680	2.51	30.8	10.6	13.3	N/A	150.0
190	0.450	0.550	0.5800	2.89	35.5	12.2	15.4	N/A	174.0
210	0.467	0.533	0.5060	3.32	40.7	13.9	17.6	N/A	198.0
250	0.485	0.515	0.4410	3.81	46.7	16	20.2	N/A	228

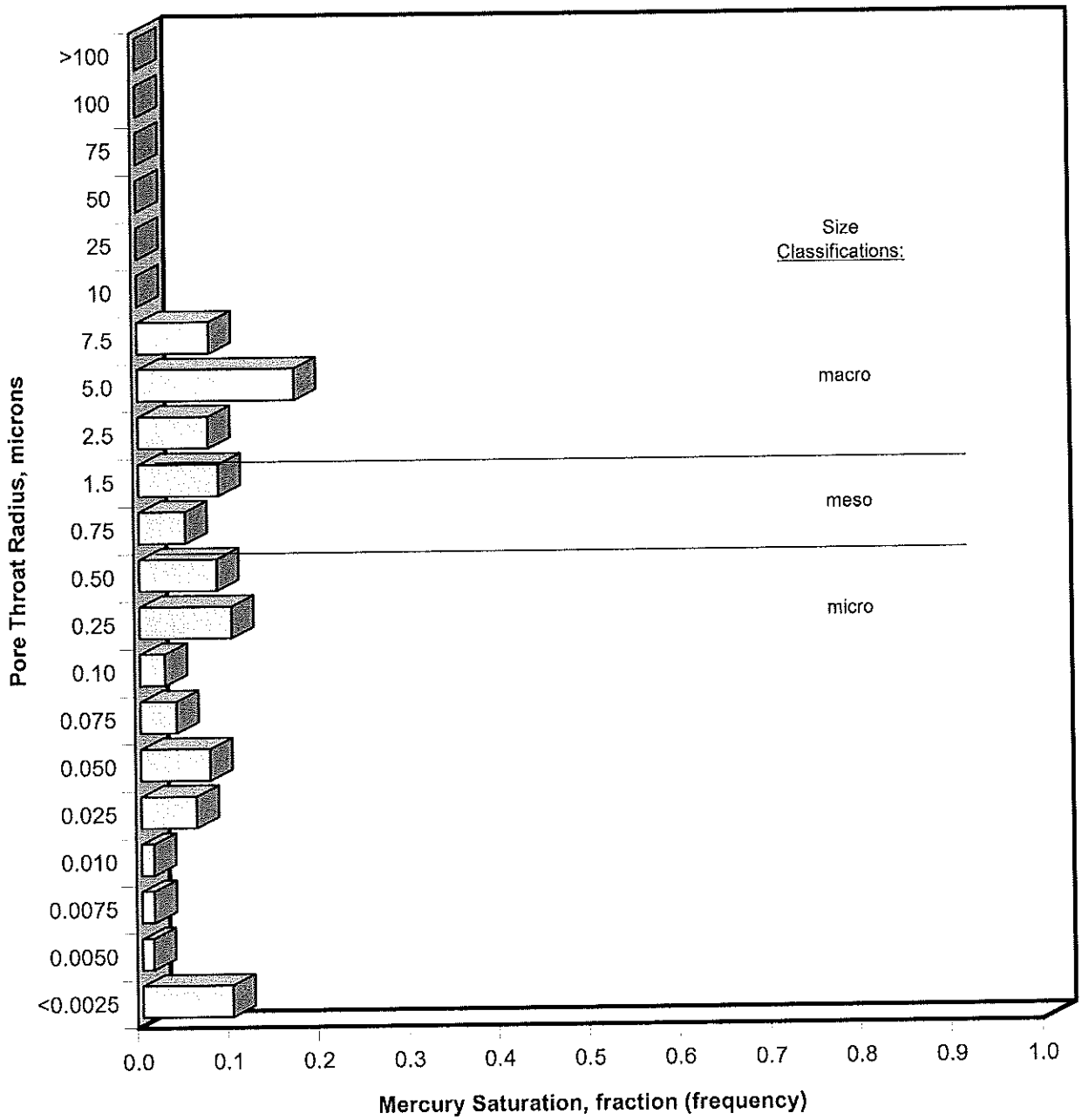
MERCURY INJECTION DATA SUMMARY

Company:	Talisman Energy Inc.	Sample Number:	J.W. Dalton #1 (4697.5')
Well:	J.W. Dalton #1	Depth, feet:	4697.5
Field:	N/A	Air Permeability, mD:	135
Formation:	Albian - Torok	Porosity, fraction:	0.195
Country:	Alaska	File Number:	52132-08-6055

Injection Pressure, psia	Mercury Saturation, fraction	1.0-Mercury Saturation, fraction	Pore Radius, microns	J Function	Conversion to Other Laboratory Fluid Systems, psia			Est'd Height, feet Above Free Water	
					G-W	G-O	O-W	G-W	O-W
280	0.503	0.497	0.3810	4.41	54	18.5	23.4	N/A	264
330	0.520	0.480	0.3330	5.05	61.9	21.2	26.8	N/A	302
370	0.538	0.462	0.2890	5.81	71.3	24.4	30.9	N/A	348
430	0.554	0.446	0.2510	6.7	82.1	28.2	35.6	N/A	401
500	0.570	0.430	0.2180	7.7	94.4	32.4	40.9	N/A	461
570	0.587	0.413	0.1900	8.85	109	37.2	47	N/A	530
660	0.601	0.399	0.1650	10.2	125	42.8	54	N/A	609
760	0.617	0.383	0.1430	11.7	144	49.3	62.3	N/A	702
870	0.634	0.366	0.1240	13.5	165	56.7	71.7	N/A	808
1000	0.650	0.350	0.1080	15.5	191	65.3	82.5	N/A	930
1150	0.661	0.339	0.0940	17.9	219	75.1	94.8	N/A	1070
1320	0.675	0.325	0.0817	20.6	252	86.4	109	N/A	1230
1520	0.689	0.311	0.0709	23.7	290	99.5	126	N/A	1420
1750	0.703	0.297	0.0617	27.2	333	114	144	N/A	1620
2020	0.717	0.283	0.0536	31.3	384	132	166	N/A	1870
2320	0.729	0.271	0.0466	36	441	151	191	N/A	2150
2670	0.744	0.256	0.0405	41.5	508	174	220	N/A	2480
3070	0.761	0.239	0.0352	47.7	585	201	253	N/A	2850
3530	0.779	0.221	0.0306	54.8	672	231	291	N/A	3280
4070	0.794	0.206	0.0266	63.2	774	265	335	N/A	3780
4680	0.807	0.193	0.0231	72.7	891	305	386	N/A	4350
5390	0.818	0.182	0.0201	83.6	1030	352	444	N/A	5010
6190	0.830	0.170	0.0175	96.2	1180	404	511	N/A	5760
7130	0.839	0.161	0.0152	111	1360	466	588	N/A	6630
8200	0.848	0.152	0.0132	127	1560	535	676	N/A	7620
9430	0.854	0.146	0.0115	146	1800	616	777	N/A	8760
10850	0.862	0.138	0.0100	169	2070	708	895	N/A	10100
12500	0.868	0.132	0.0087	194	2380	816	1030	N/A	11600
14370	0.875	0.125	0.0075	223	2740	938	1180	N/A	13300
16580	0.880	0.120	0.0065	257	3160	1080	1370	N/A	15400
19060	0.885	0.115	0.0057	296	3630	1240	1570	N/A	17700
21910	0.889	0.111	0.0049	340	4170	1430	1810	N/A	20400
25210	0.892	0.108	0.0043	391	4800	1650	2080	N/A	23400
28980	0.895	0.105	0.0037	450	5520	1890	2390	N/A	26900
33370	0.898	0.102	0.0032	518	6350	2180	2750	N/A	31000
38450	0.900	0.100	0.0028	597	7320	2510	3170	N/A	35700
44270	0.901	0.099	0.0024	687	8430	2890	3650	N/A	41100
50810	0.902	0.098	0.0021	789	9670	3320	4190	N/A	47200
58530	0.903	0.097	0.0019	909	11100	3820	4820	N/A	54300

MERCURY INJECTION CAPILLARY PRESSURE

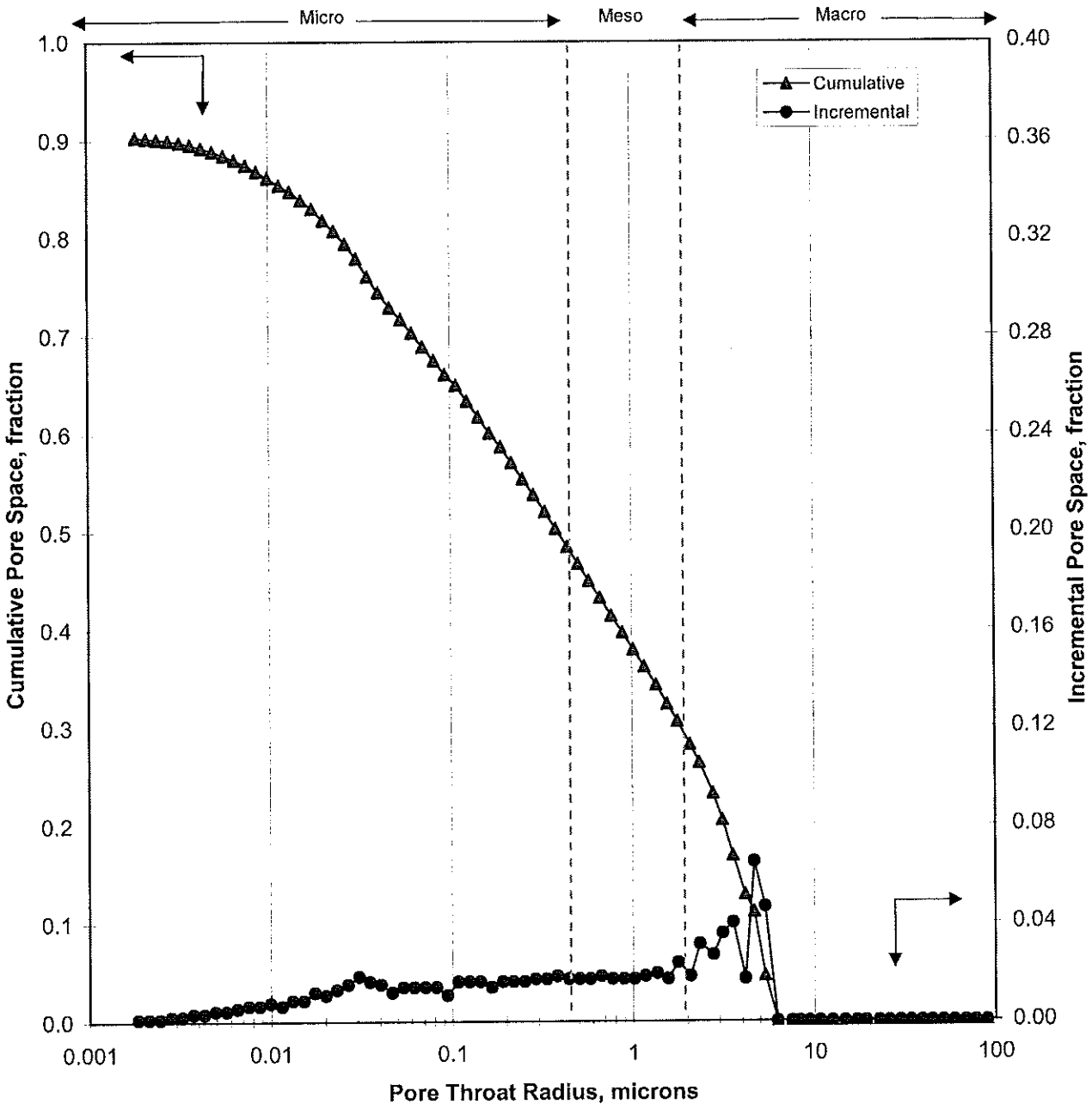
COMPANY:	Talisman Energy Inc.	FILE:	52132-08-6055
WELL:	J.W. Dalton #1	FORMATION:	Albian - Torok
Sample:	J.W. Dalton #1 (4697.5')	Ambient Condition Air Permeability, mD:	135
Depth, feet:	4697.5	Ambient Condition Porosity, fraction:	0.195



Median Pore Throat Radius, µm:	0.391	Hydrocarbon Density Gradient, psi/feet:	0.369
		Water Density Gradient, psi/feet:	0.433

MERCURY INJECTION CAPILLARY PRESSURE

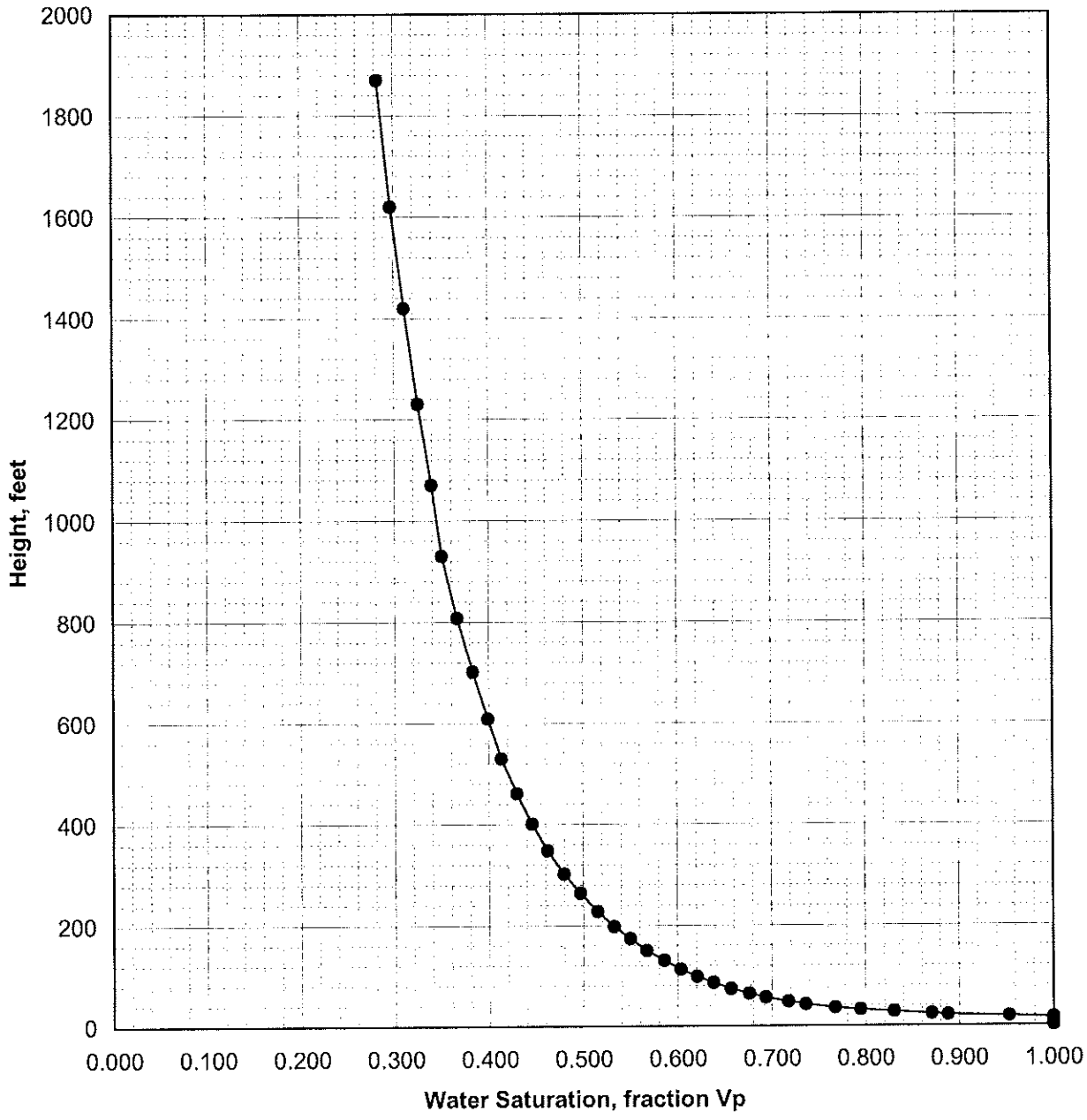
COMPANY:	Talisman Energy Inc.	FILE:	52132-08-6055
WELL:	J.W. Dalton #1	FORMATION:	Albian - Torok
Sample:	J.W. Dalton #1 (4697.5')	Ambient Condition Air Permeability, mD:	135
Depth, feet:	4697.5	Ambient Condition Porosity, fraction:	0.195



Median Pore Throat Radius, µm:	0.391	Hydrocarbon Density Gradient, psi/feet:	0.369
		Water Density Gradient, psi/feet:	0.433

MERCURY INJECTION CAPILLARY PRESSURE

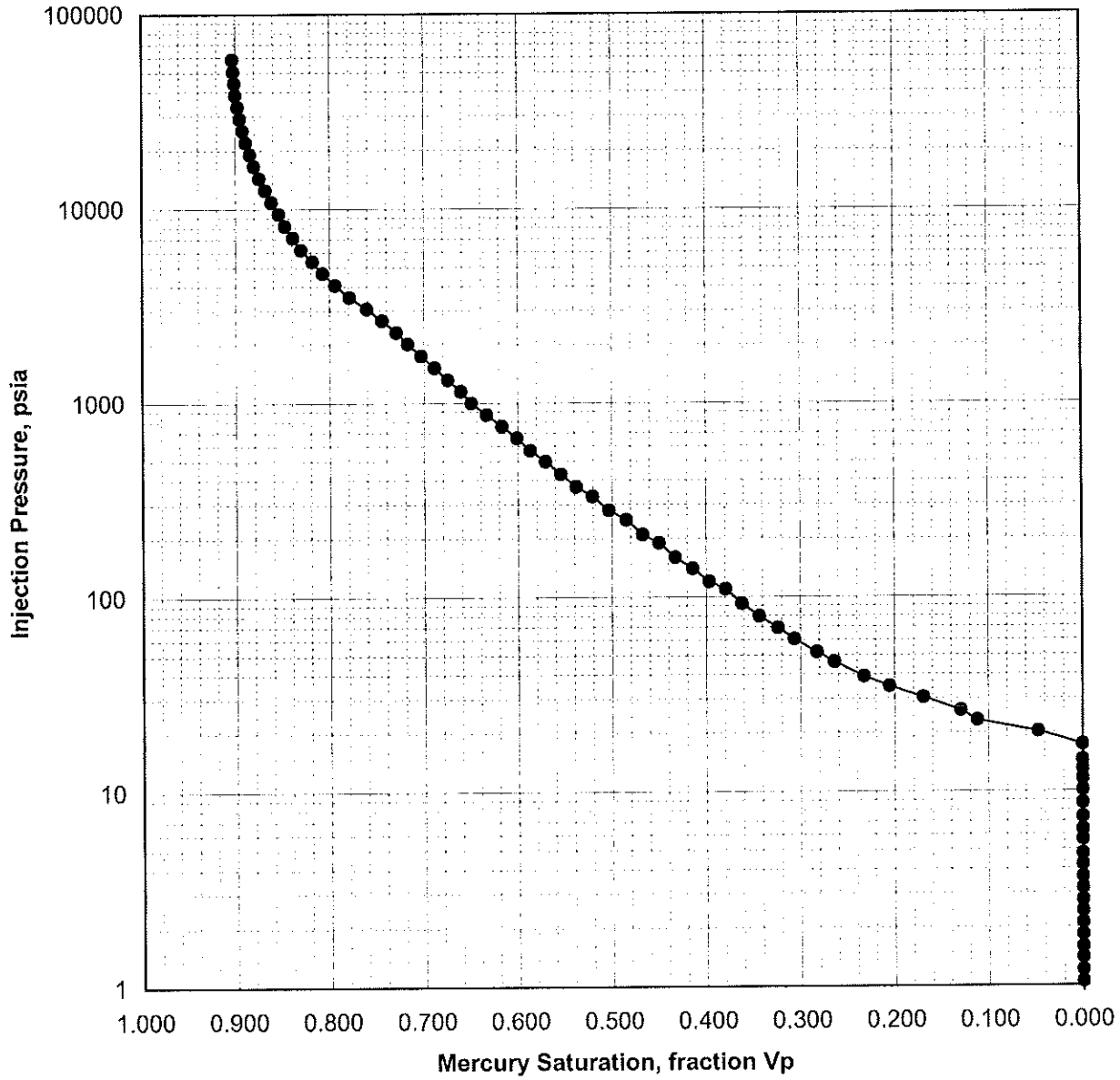
COMPANY:	Talisman Energy Inc.	FILE:	52132-08-6055
WELL:	J.W. Dalton #1	FORMATION:	Albian - Torok
Sample:	J.W. Dalton #1 (4697.5')	Ambient Condition Air Permeability, mD:	135
Depth, feet:	4697.5	Ambient Condition Porosity, fraction:	0.195



Median Pore Throat Radius, µm:	0.391	Hydrocarbon Density Gradient, psi/feet:	0.369
		Water Density Gradient, psi/feet:	0.433

MERCURY INJECTION CAPILLARY PRESSURE

COMPANY:	Talisman Energy Inc.	FILE:	52132-08-6055
WELL:	J.W. Dalton #1	FORMATION:	Albian - Torok
Sample:	J.W. Dalton #1 (4697.5')	Ambient Condition Air Permeability, mD:	135
Depth, feet:	4697.5	Ambient Condition Porosity, fraction:	0.195



Median Pore Throat Radius, µm:	0.391	Hydrocarbon Density Gradient, psi/feet:	0.369
		Water Density Gradient, psi/feet:	0.433

Core Laboratories

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MERCURY INJECTION DATA SUMMARY

Company:	Talisman Energy Inc.	Sample Number:	Seabee #1 (5392')
Well:	Seabee #1	Depth, feet:	5392.0
Field:	N/A	Air Permeability, mD:	0.27
Formation:	Albian - Torok	Porosity, fraction:	0.145
Country:	Alaska	File Number:	52132-08-6055

Injection Pressure, psia	Mercury Saturation, fraction	1.0-Mercury Saturation, fraction	Pore Radius, microns	J Function	Conversion to Other Laboratory Fluid Systems, psia			Est'd Height, feet Above Free Water	
					G-W	G-O	O-W	G-W	O-W
0.81	0.000	1.000	133	0.000654	0.155	0.053	0.067	N/A	0.75
1.04	0.000	1.000	104.0	0.000841	0.199	0.068	0.086	N/A	0.97
1.20	0.000	1.000	89.8	0.00097	0.229	0.079	0.099	N/A	1.12
1.39	0.000	1.000	77.6	0.00112	0.265	0.091	0.115	N/A	1.29
1.58	0.000	1.000	68.4	0.00127	0.301	0.103	0.130	N/A	1.46
1.8	0.000	1.000	59.2	0.00147	0.348	0.119	0.151	N/A	1.70
2.1	0.000	1.000	51.8	0.00168	0.398	0.136	0.172	N/A	1.94
2.4	0.000	1.000	44.9	0.00194	0.458	0.157	0.198	N/A	2.23
2.8	0.000	1.000	39.00	0.00223	0.527	0.181	0.228	N/A	2.6
3.2	0.000	1.000	33.90	0.00257	0.607	0.208	0.26	N/A	3.0
3.6	0.000	1.000	29.90	0.00291	0.687	0.236	0.30	N/A	3.4
4.2	0.000	1.000	25.90	0.00337	0.795	0.273	0.34	N/A	3.9
4.8	0.000	1.000	22.70	0.00384	0.908	0.311	0.39	N/A	4.4
5.6	0.000	1.000	19.20	0.00453	1.07	0.367	0.46	N/A	5.2
6.3	0.000	1.000	17.10	0.00511	1.21	0.414	0.52	N/A	5.9
7.4	0.000	1.000	14.70	0.00592	1.40	0.48	0.61	N/A	6.8
8.6	0.000	1.000	12.50	0.00696	1.65	0.564	0.71	N/A	8.0
10.1	0.000	1.000	10.70	0.00813	1.92	0.659	0.83	N/A	9.4
11.5	0.000	1.000	9.38	0.00929	2.2	0.753	0.95	N/A	10.7
13.0	0.000	1.000	8.34	0.0104	2.5	0.846	1.07	N/A	12.0
14.4	0.000	1.000	7.50	0.0116	2.7	0.941	1.19	N/A	13.4
17.4	0.000	1.000	6.220	0.014	3.3	1.13	1.43	N/A	16.1
20.3	0.000	1.000	5.330	0.0163	3.9	1.32	1.7	N/A	18.8
23.2	0.000	1.000	4.660	0.0187	4.4	1.5	1.9	N/A	21.5
26.0	0.000	1.000	4.150	0.021	5.0	1.7	2.1	N/A	24.1
30.4	0.000	1.000	3.550	0.0245	5.8	2.0	2.5	N/A	28.3
34.7	0.000	1.000	3.110	0.028	6.6	2.3	2.9	N/A	32.2
39.2	0.000	1.000	2.760	0.0315	7.45	2.6	3.2	N/A	36.4
46.1	0.000	1.000	2.340	0.0372	8.78	3.0	3.8	N/A	42.8
52.1	0.020	0.980	2.080	0.0419	9.91	3.4	4.3	N/A	48.3
60.5	0.046	0.954	1.7900	0.0487	11.5	4.0	4.98	N/A	56.1
69.0	0.090	0.910	1.5700	0.0556	13.1	4.5	5.69	N/A	64.1
79.0	0.164	0.836	1.3700	0.0636	15	5.16	6.51	N/A	73.3
91.7	0.233	0.767	1.1800	0.0739	17.5	5.99	7.56	N/A	85.1
104.6	0.285	0.715	1.0300	0.0843	19.9	6.83	8.63	N/A	97.2
120	0.327	0.673	0.8980	0.097	22.9	7.86	9.92	N/A	112.0
140	0.363	0.637	0.7760	0.112	26.5	9.09	11.5	N/A	129.0
160	0.387	0.613	0.6730	0.129	30.6	10.5	13.2	N/A	149.0
190	0.407	0.593	0.5840	0.149	35.3	12.1	15.3	N/A	172.0
210	0.423	0.577	0.5080	0.171	40.5	13.9	17.5	N/A	197.0
240	0.439	0.561	0.4420	0.197	46.5	15.9	20.1	N/A	226.0
280	0.458	0.542	0.3830	0.228	53.8	18.4	23.3	N/A	262

Core Laboratories
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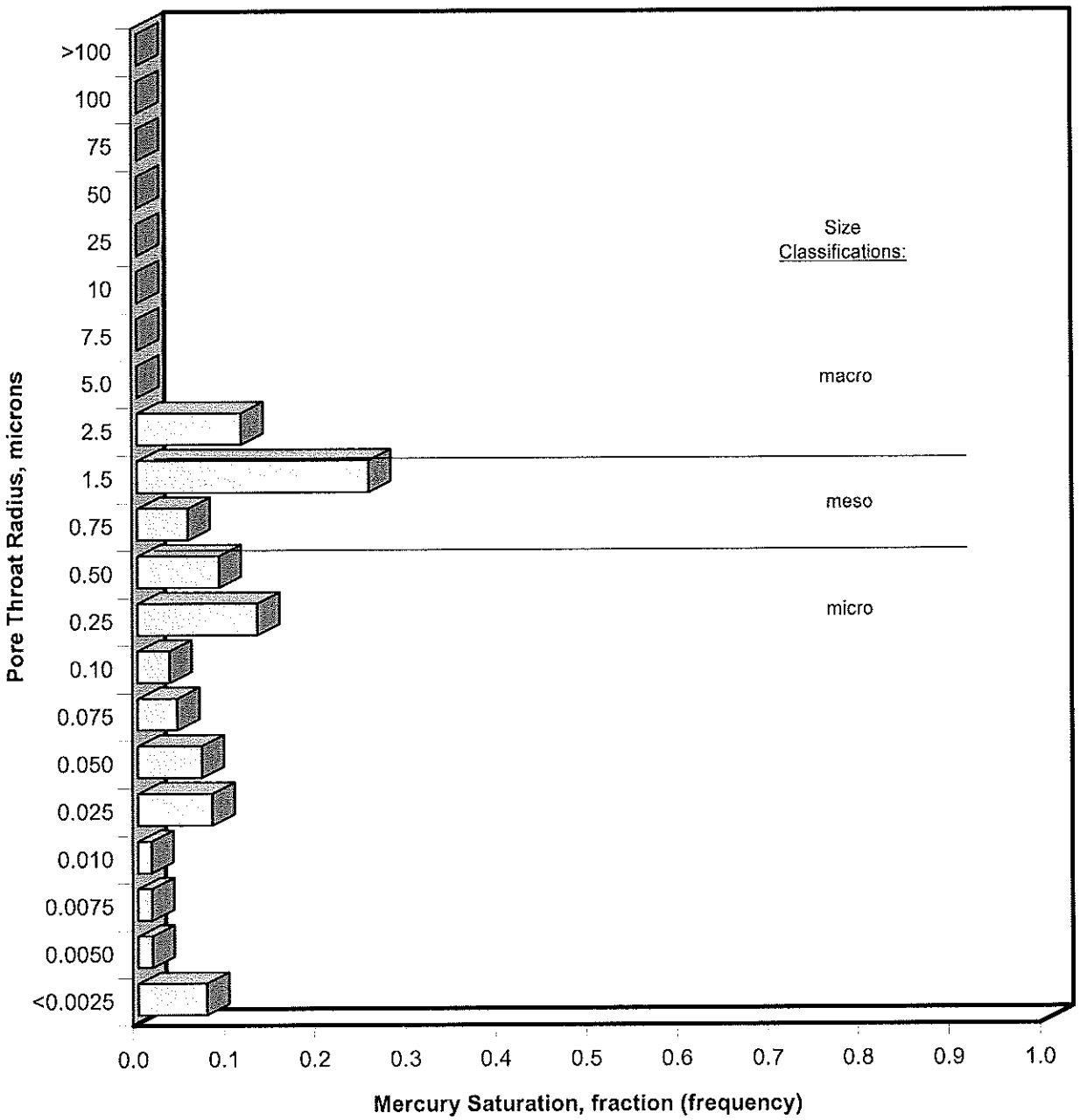
MERCURY INJECTION DATA SUMMARY

Company:	Talisman Energy Inc.	Sample Number:	Seabee #1 (5392')
Well:	Seabee #1	Depth, feet:	5392.0
Field:	N/A	Air Permeability, mD:	0.27
Formation:	Albian - Torok	Porosity, fraction:	0.145
Country:	Alaska	File Number:	52132-08-6055

Injection Pressure, psia	Mercury Saturation, fraction	1.0-Mercury Saturation, fraction	Pore Radius, microns	J Function	Conversion to Other Laboratory Fluid Systems, psia			Est'd Height, feet Above Free Water	
					G-W	G-O	O-W	G-W	O-W
320	0.475	0.525	0.3340	0.261	61.7	21.2	26.7	N/A	301
370	0.494	0.506	0.2900	0.3	71	24.3	30.7	N/A	346
430	0.514	0.486	0.2510	0.347	82	28.1	35.5	N/A	400
490	0.535	0.465	0.2190	0.398	94.1	32.3	40.8	N/A	459
570	0.557	0.443	0.1900	0.459	108	37.2	47	N/A	529
650	0.577	0.423	0.1650	0.527	125	42.7	54	N/A	608
750	0.596	0.404	0.1430	0.608	144	49.3	62.2	N/A	700
870	0.615	0.385	0.1240	0.7	166	56.7	71.7	N/A	807
1000	0.637	0.363	0.1080	0.805	190	65.2	82.4	N/A	928
1150	0.654	0.346	0.0941	0.925	219	75	94.7	N/A	1070
1320	0.672	0.328	0.0818	1.07	252	86.3	109	N/A	1230
1520	0.689	0.311	0.0709	1.23	290	99.5	126	N/A	1420
1750	0.703	0.297	0.0617	1.41	334	114	144	N/A	1620
2020	0.719	0.281	0.0536	1.62	384	132	166	N/A	1870
2320	0.733	0.267	0.0466	1.87	442	152	191	N/A	2150
2670	0.747	0.253	0.0405	2.15	508	174	220	N/A	2480
3080	0.761	0.239	0.0351	2.48	586	201	254	N/A	2860
3530	0.776	0.224	0.0306	2.84	672	230	291	N/A	3280
4060	0.790	0.210	0.0266	3.27	774	265	335	N/A	3770
4680	0.805	0.195	0.0231	3.77	892	306	386	N/A	4350
5390	0.821	0.179	0.0201	4.34	1030	352	444	N/A	5000
6190	0.835	0.165	0.0175	4.99	1180	404	511	N/A	5750
7140	0.848	0.152	0.0152	5.75	1360	466	588	N/A	6620
8220	0.859	0.141	0.0132	6.62	1560	536	677	N/A	7620
9450	0.870	0.130	0.0114	7.61	1800	617	779	N/A	8770
10880	0.879	0.121	0.0099	8.76	2070	710	897	N/A	10100
12510	0.887	0.113	0.0086	10.1	2380	816	1030	N/A	11600
14370	0.894	0.106	0.0075	11.6	2740	938	1180	N/A	13300
16540	0.900	0.100	0.0065	13.3	3150	1080	1360	N/A	15300
19050	0.905	0.095	0.0057	15.3	3630	1240	1570	N/A	17700
21920	0.909	0.091	0.0049	17.7	4170	1430	1810	N/A	20400
25200	0.914	0.086	0.0043	20.3	4800	1650	2080	N/A	23400
28990	0.917	0.083	0.0037	23.4	5520	1890	2390	N/A	26900
33410	0.920	0.080	0.0032	26.9	6360	2180	2750	N/A	31000
38400	0.922	0.078	0.0028	30.9	7310	2510	3170	N/A	35700
44260	0.925	0.075	0.0024	35.7	8430	2890	3650	N/A	41100
50820	0.927	0.073	0.0021	40.9	9680	3320	4190	N/A	47200
58500	0.928	0.072	0.0019	47.1	11100	3820	4820	N/A	54300

MERCURY INJECTION CAPILLARY PRESSURE

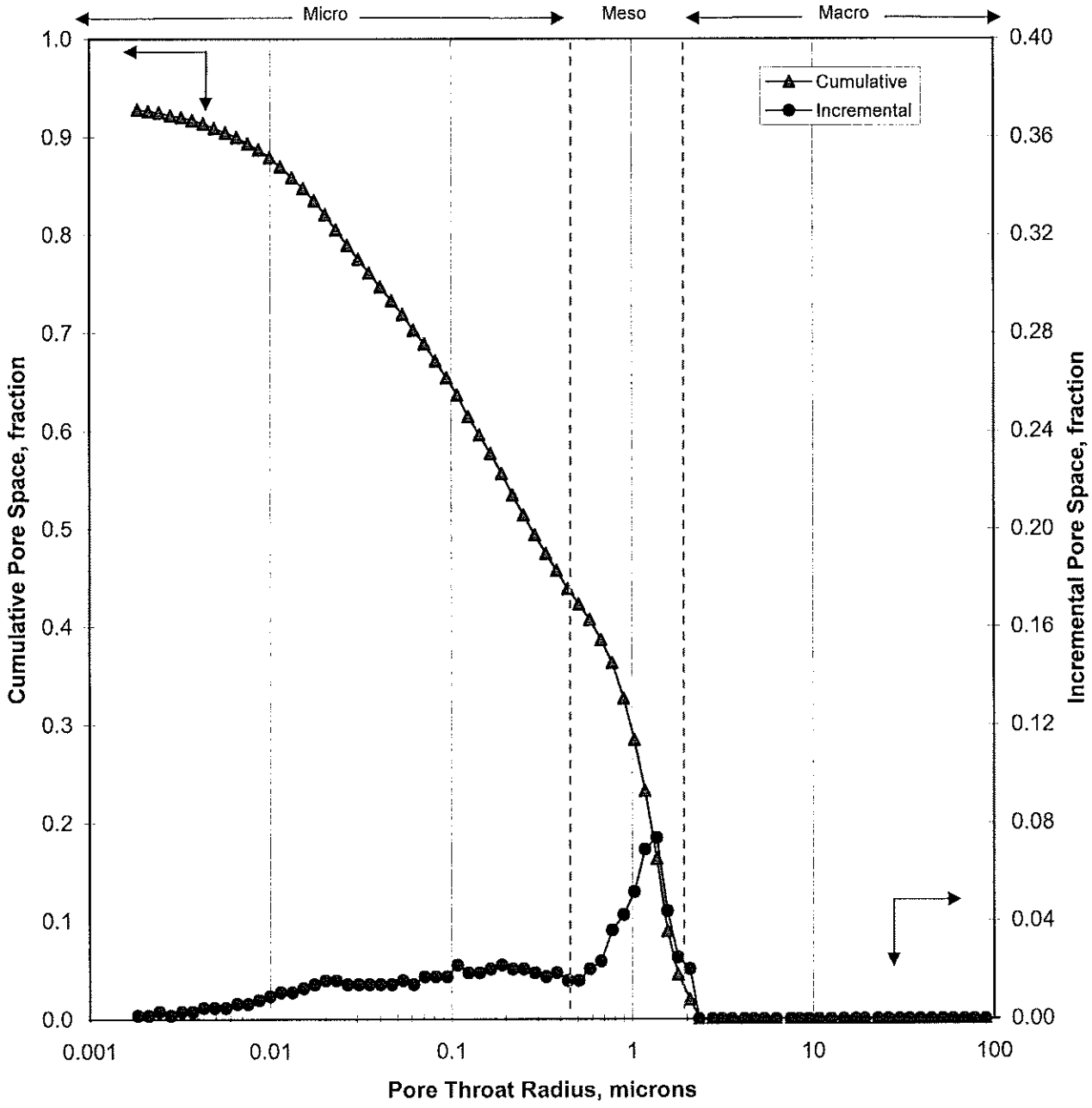
COMPANY:	Talisman Energy Inc.	FILE:	52132-08-6055
WELL:	Seabee #1	FORMATION:	Albian - Torok
Sample:	Seabee #1 (5392')	Ambient Condition Air Permeability, mD:	0.27
Depth, feet:	5392.0	Ambient Condition Porosity, fraction:	0.145



Median Pore Throat Radius, µm:	0.278	Hydrocarbon Density Gradient, psi/feet:	0.369
		Water Density Gradient, psi/feet:	0.433

MERCURY INJECTION CAPILLARY PRESSURE

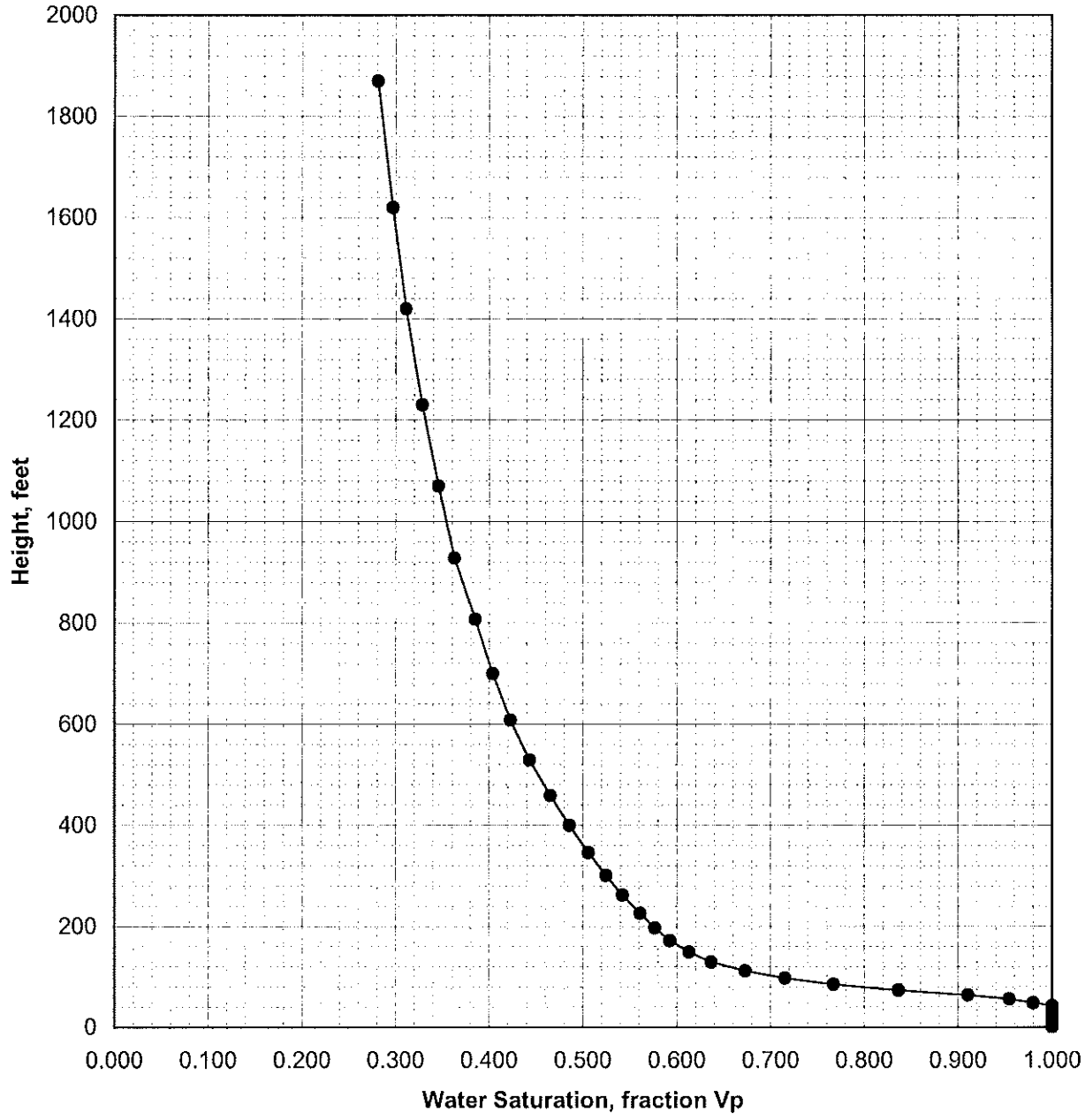
COMPANY:	Talisman Energy Inc.	FILE:	52132-08-6055
WELL:	Seabee #1	FORMATION:	Albian - Torok
Sample:	Seabee #1 (5392')	Ambient Condition Air Permeability, mD:	0.27
Depth, feet:	5392.0	Ambient Condition Porosity, fraction:	0.145



Median Pore Throat Radius, µm:	0.278	Hydrocarbon Density Gradient, psi/feet:	0.369
		Water Density Gradient, psi/feet:	0.433

MERCURY INJECTION CAPILLARY PRESSURE

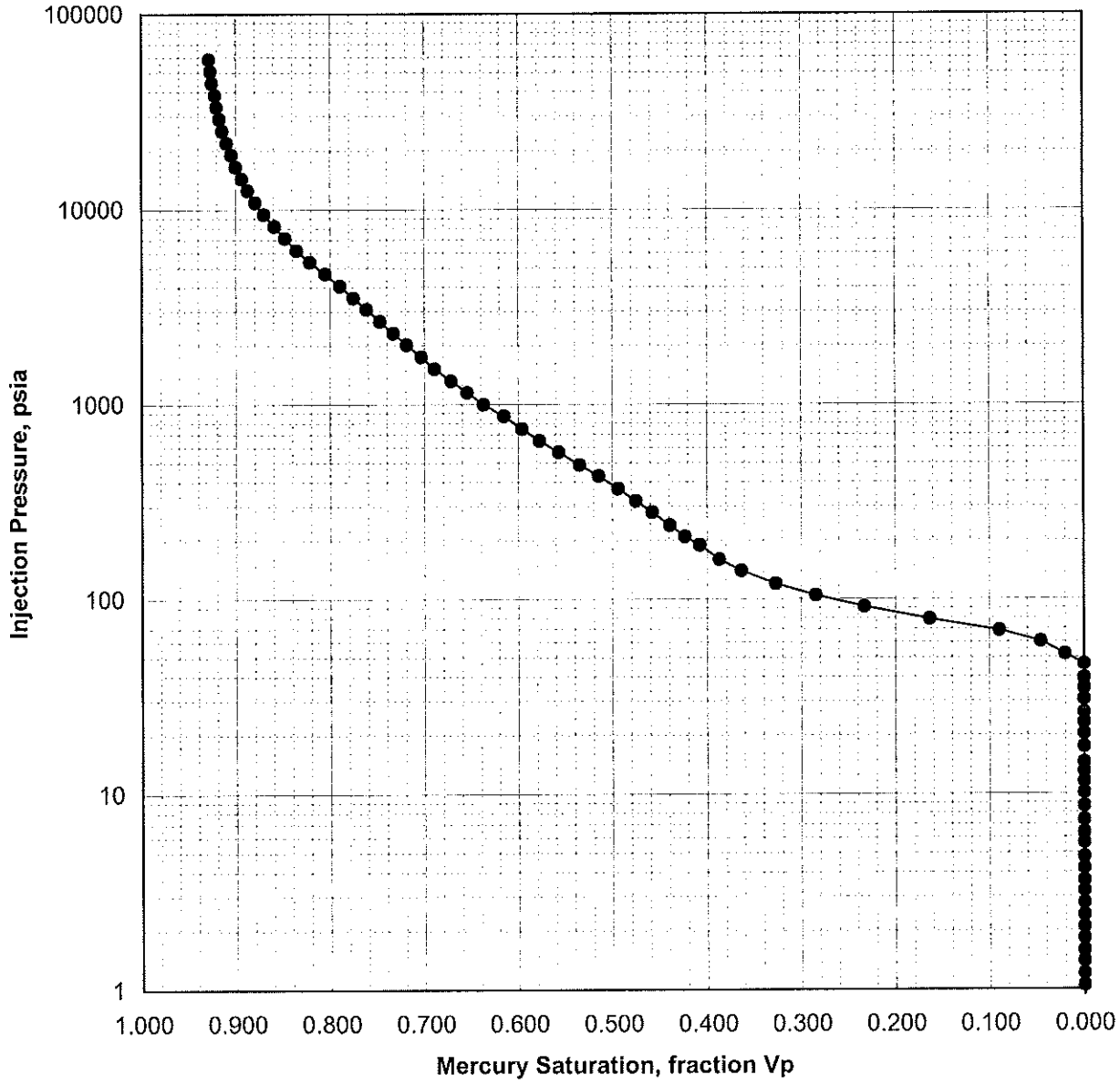
COMPANY:	Talisman Energy Inc.	FILE:	52132-08-6055
WELL:	Seabee #1	FORMATION:	Albian - Torok
Sample:	Seabee #1 (5392')	Ambient Condition Air Permeability, mD:	0.27
Depth, feet:	5392.0	Ambient Condition Porosity, fraction:	0.145



Median Pore Throat Radius, µm:	0.278	Hydrocarbon Density Gradient, psi/feet:	0.369
		Water Density Gradient, psi/feet:	0.433

MERCURY INJECTION CAPILLARY PRESSURE

COMPANY:	Talisman Energy Inc.	FILE:	52132-08-6055
WELL:	Seabee #1	FORMATION:	Albian - Torok
Sample:	Seabee #1 (5392')	Ambient Condition Air Permeability, mD:	0.27
Depth, feet:	5392.0	Ambient Condition Porosity, fraction:	0.145



Median Pore Throat Radius, µm:	0.278	Hydrocarbon Density Gradient, psi/feet:	0.369
		Water Density Gradient, psi/feet:	0.433

Core Laboratories
Advanced Rock Properties

MERCURY INJECTION DATA SUMMARY

Company:	Talisman Energy Inc.	Sample Number:	Seabee #1 (5396')
Well:	Seabee #1	Depth, feet:	5396.0
Field:	N/A	Air Permeability, mD:	0.48
Formation:	Albian - Torok	Porosity, fraction:	0.087
Country:	Alaska	File Number:	52132-08-6055

Injection Pressure, psia	Mercury Saturation, fraction	1.0-Mercury Saturation, fraction	Pore Radius, microns	J Function	Conversion to Other Laboratory Fluid Systems, psia			Est'd Height, feet Above Free Water	
					G-W	G-O	O-W	G-W	O-W
0.78	0.000	1.000	138	0.00108	0.149	0.051	0.065	N/A	0.73
0.91	0.000	1.000	118.0	0.00126	0.174	0.060	0.075	N/A	0.85
1.04	0.000	1.000	104.0	0.00144	0.199	0.068	0.086	N/A	0.97
1.20	0.000	1.000	89.8	0.00167	0.229	0.079	0.099	N/A	1.12
1.39	0.000	1.000	77.6	0.00193	0.265	0.091	0.115	N/A	1.29
1.6	0.000	1.000	68.4	0.00219	0.301	0.103	0.130	N/A	1.46
1.8	0.000	1.000	59.6	0.00251	0.345	0.118	0.149	N/A	1.68
2.1	0.000	1.000	51.8	0.00289	0.398	0.136	0.172	N/A	1.94
2.4	0.000	1.000	44.90	0.00333	0.458	0.157	0.198	N/A	2.2
2.8	0.000	1.000	39.20	0.00381	0.525	0.180	0.23	N/A	2.6
3.2	0.000	1.000	33.90	0.00441	0.607	0.208	0.26	N/A	3.0
3.6	0.000	1.000	29.90	0.005	0.687	0.236	0.30	N/A	3.4
4.2	0.000	1.000	25.80	0.0058	0.798	0.274	0.35	N/A	3.9
4.8	0.000	1.000	22.70	0.0066	0.908	0.311	0.39	N/A	4.4
5.6	0.000	1.000	19.20	0.00778	1.07	0.367	0.46	N/A	5.2
6.3	0.000	1.000	17.10	0.00877	1.21	0.414	0.52	N/A	5.9
7.4	0.000	1.000	14.70	0.0102	1.40	0.48	0.61	N/A	6.8
8.6	0.000	1.000	12.50	0.012	1.65	0.564	0.71	N/A	8.0
10.1	0.000	1.000	10.70	0.014	1.9	0.659	0.83	N/A	9.4
11.5	0.000	1.000	9.38	0.0159	2.2	0.753	0.95	N/A	10.7
13.0	0.000	1.000	8.33	0.018	2.5	0.847	1.07	N/A	12.0
14.4	0.000	1.000	7.510	0.0199	2.7	0.94	1.19	N/A	13.4
17.4	0.000	1.000	6.220	0.0241	3.3	1.14	1.4	N/A	16.1
20.3	0.000	1.000	5.330	0.0281	3.9	1.3	1.7	N/A	18.8
23.2	0.000	1.000	4.660	0.0321	4.4	1.5	1.9	N/A	21.5
26.1	0.000	1.000	4.140	0.0361	5.0	1.7	2.2	N/A	24.2
30.5	0.000	1.000	3.550	0.0421	5.8	2.0	2.5	N/A	28.3
34.7	0.000	1.000	3.110	0.048	6.61	2.3	2.9	N/A	32.2
39.1	0.000	1.000	2.770	0.0541	7.44	2.6	3.2	N/A	36.3
46.3	0.000	1.000	2.330	0.0641	8.82	3.0	3.8	N/A	43.0
52.2	0.000	1.000	2.0700	0.0722	9.94	3.4	4.3	N/A	48.4
60.9	0.000	1.000	1.7800	0.0842	11.6	3.97	5.02	N/A	56.5
69.5	0.000	1.000	1.5600	0.0961	13.2	4.54	5.73	N/A	64.5
79.7	0.000	1.000	1.3600	0.11	15.2	5.2	6.57	N/A	74.0
92.5	0.000	1.000	1.1700	0.128	17.6	6.04	7.63	N/A	85.9
110	0.000	1.000	1.0300	0.146	20.1	6.88	8.69	N/A	97.8
120	0.000	1.000	0.8880	0.168	23.2	7.95	10	N/A	113.0
140	0.000	1.000	0.7720	0.194	26.7	9.15	11.6	N/A	131.0
160	0.000	1.000	0.6660	0.224	30.9	10.6	13.4	N/A	151.0
190	0.000	1.000	0.5800	0.258	35.5	12.2	15.4	N/A	173.0
210	0.000	1.000	0.5060	0.296	40.7	14	17.6	N/A	198.0
250	0.000	1.000	0.4400	0.34	46.7	16	20.2	N/A	227

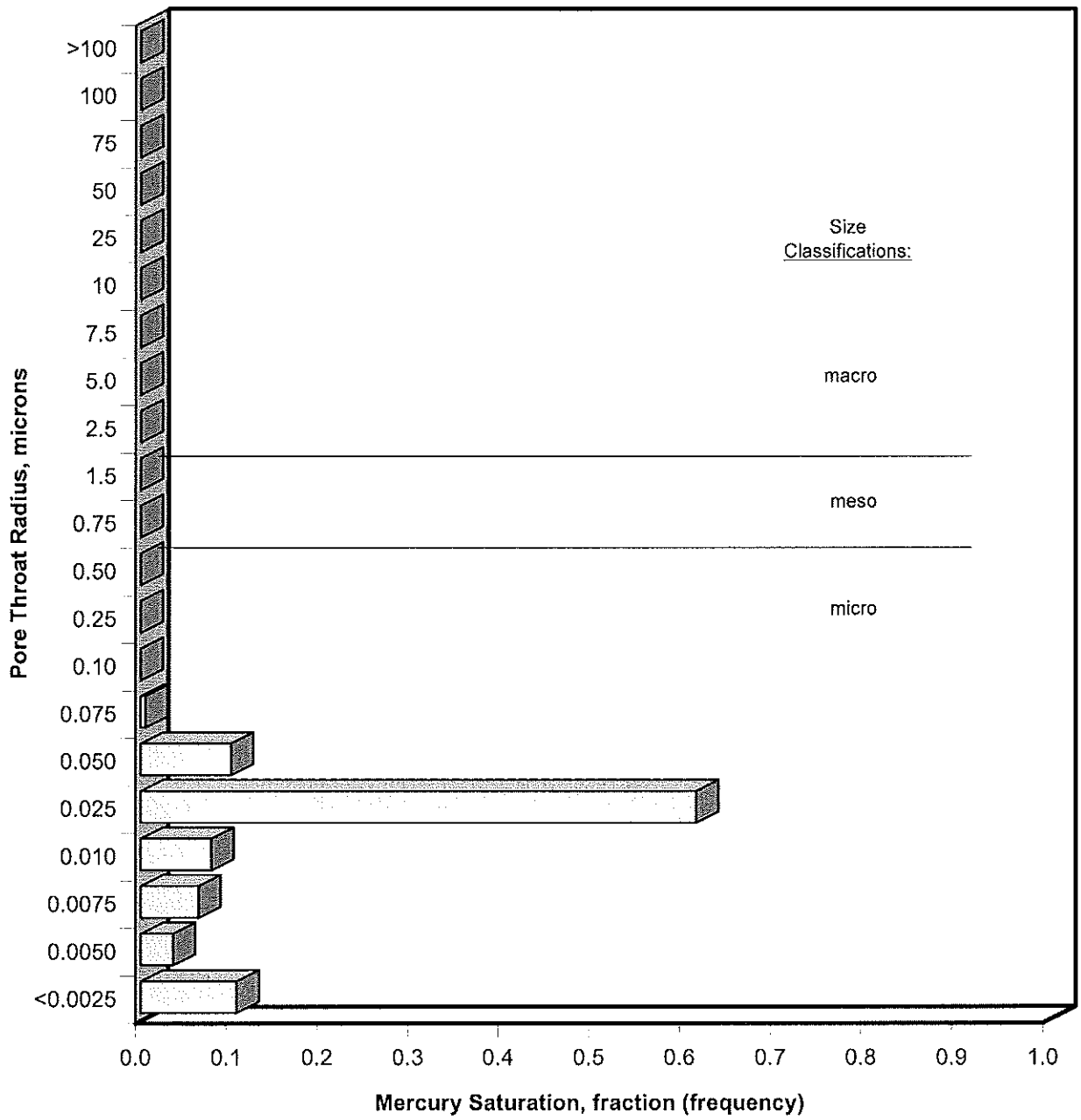
MERCURY INJECTION DATA SUMMARY

Company:	Talisman Energy Inc.	Sample Number:	Seabee #1 (5396')
Well:	Seabee #1	Depth, feet:	5396.0
Field:	N/A	Air Permeability, mD:	0.48
Formation:	Albian - Torok	Porosity, fraction:	0.087
Country:	Alaska	File Number:	52132-08-6055

Injection Pressure, psia	Mercury Saturation, fraction	1.0-Mercury Saturation, fraction	Pore Radius, microns	J Function	Conversion to Other Laboratory Fluid Systems, psia			Est'd Height, feet Above Free Water	
					G-W	G-O	O-W	G-W	O-W
280	0.000	1.000	0.3820	0.392	53.9	18.5	23.3	N/A	262
330	0.000	1.000	0.3320	0.45	62	21.2	26.8	N/A	302
370	0.000	1.000	0.2890	0.518	71.3	24.4	30.9	N/A	348
430	0.000	1.000	0.2510	0.596	82.1	28.1	35.5	N/A	400
500	0.000	1.000	0.2180	0.685	94.2	32.3	40.8	N/A	459
570	0.000	1.000	0.1900	0.789	109	37.2	47	N/A	529
660	0.000	1.000	0.1650	0.908	125	42.8	54.1	N/A	609
760	0.000	1.000	0.1420	1.05	145	49.5	62.6	N/A	705
870	0.000	1.000	0.1240	1.2	165	56.7	71.6	N/A	806
1000	0.000	1.000	0.1080	1.39	191	65.4	82.6	N/A	930
1150	0.000	1.000	0.0941	1.59	219	75	94.7	N/A	1070
1320	0.000	1.000	0.0816	1.83	252	86.5	109	N/A	1230
1520	0.000	1.000	0.0709	2.11	290	99.5	126	N/A	1420
1750	0.000	1.000	0.0618	2.42	333	114	144	N/A	1620
2010	0.000	1.000	0.0537	2.79	384	132	166	N/A	1870
2320	0.009	0.991	0.0466	3.21	441	151	191	N/A	2150
2670	0.019	0.981	0.0405	3.69	508	174	220	N/A	2480
3070	0.038	0.962	0.0352	4.25	585	201	253	N/A	2850
3540	0.053	0.947	0.0306	4.89	673	231	292	N/A	3290
4070	0.088	0.912	0.0265	5.63	775	266	336	N/A	3780
4680	0.125	0.875	0.0231	6.47	891	305	386	N/A	4350
5390	0.185	0.815	0.0201	7.45	1030	352	444	N/A	5000
6200	0.275	0.725	0.0174	8.57	1180	405	511	N/A	5750
7130	0.435	0.565	0.0152	9.87	1360	466	588	N/A	6620
8230	0.569	0.431	0.0131	11.4	1570	537	678	N/A	7630
9450	0.651	0.349	0.0114	13.1	1800	617	779	N/A	8770
10870	0.720	0.280	0.0100	15	2070	709	896	N/A	10100
12500	0.763	0.237	0.0087	17.3	2380	816	1030	N/A	11600
14380	0.795	0.205	0.0075	19.9	2740	939	1190	N/A	13400
16540	0.820	0.180	0.0065	22.9	3150	1080	1360	N/A	15300
19020	0.842	0.158	0.0057	26.3	3620	1240	1570	N/A	17700
21910	0.860	0.140	0.0049	30.3	4170	1430	1810	N/A	20400
25220	0.870	0.130	0.0043	34.9	4800	1650	2080	N/A	23400
28980	0.882	0.118	0.0037	40.1	5520	1890	2390	N/A	26900
33430	0.888	0.112	0.0032	46.2	6360	2180	2760	N/A	31100
38370	0.892	0.108	0.0028	53.1	7310	2500	3160	N/A	35600
44240	0.895	0.105	0.0024	61.2	8420	2890	3650	N/A	41100
50890	0.895	0.105	0.0021	70.4	9690	3320	4200	N/A	47300
58480	0.898	0.102	0.0019	80.9	11100	3820	4820	N/A	54300

MERCURY INJECTION CAPILLARY PRESSURE

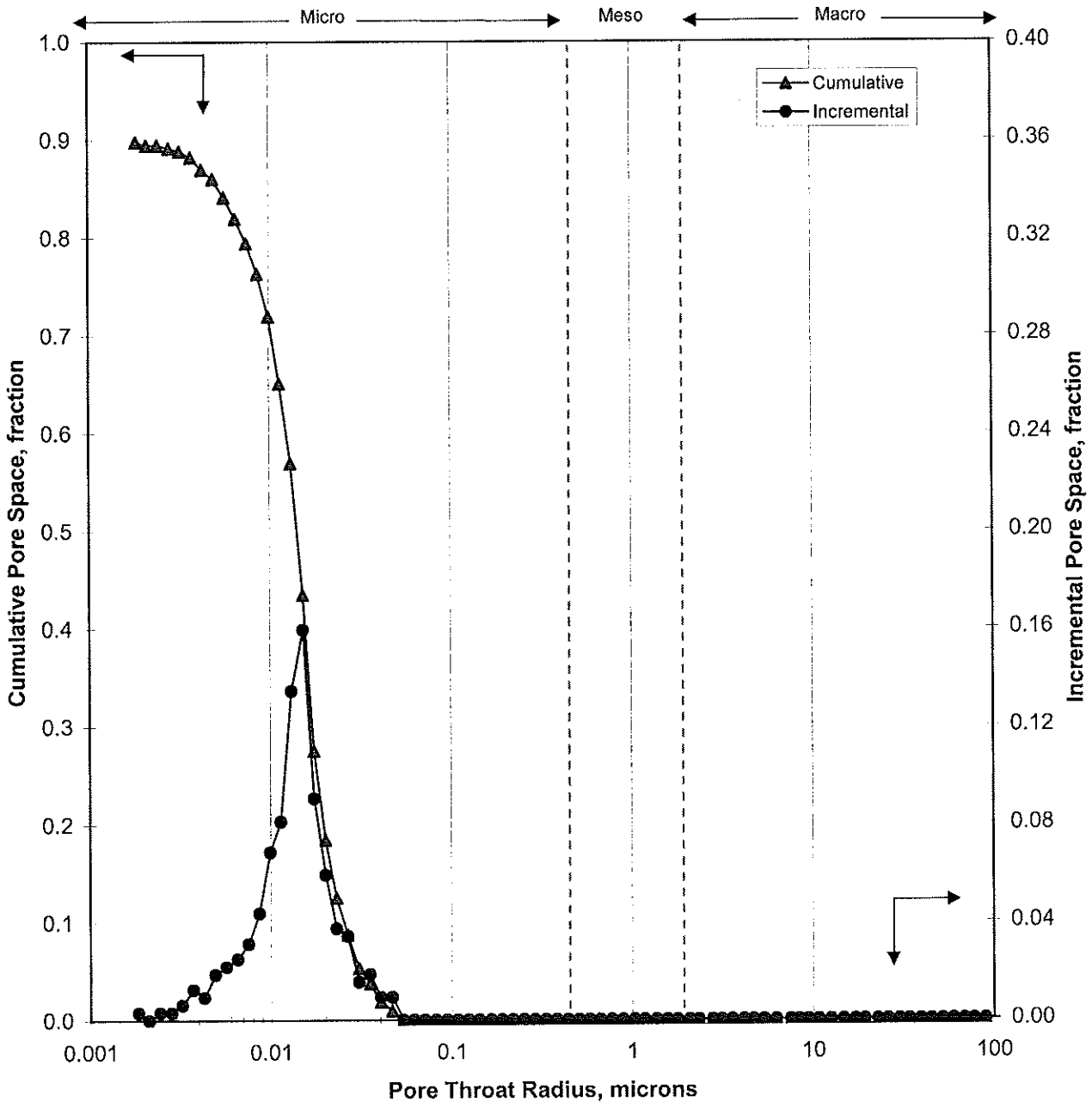
COMPANY:	Talisman Energy Inc.	FILE:	52132-08-6055
WELL:	Seabee #1	FORMATION:	Albian - Torok
Sample:	Seabee #1 (5396')	Ambient Condition Air Permeability, mD:	0.48
Depth, feet:	5396.0	Ambient Condition Porosity, fraction:	0.087



Median Pore Throat Radius, µm:	0.014	Hydrocarbon Density Gradient, psi/feet:	0.369
		Water Density Gradient, psi/feet:	0.433

MERCURY INJECTION CAPILLARY PRESSURE

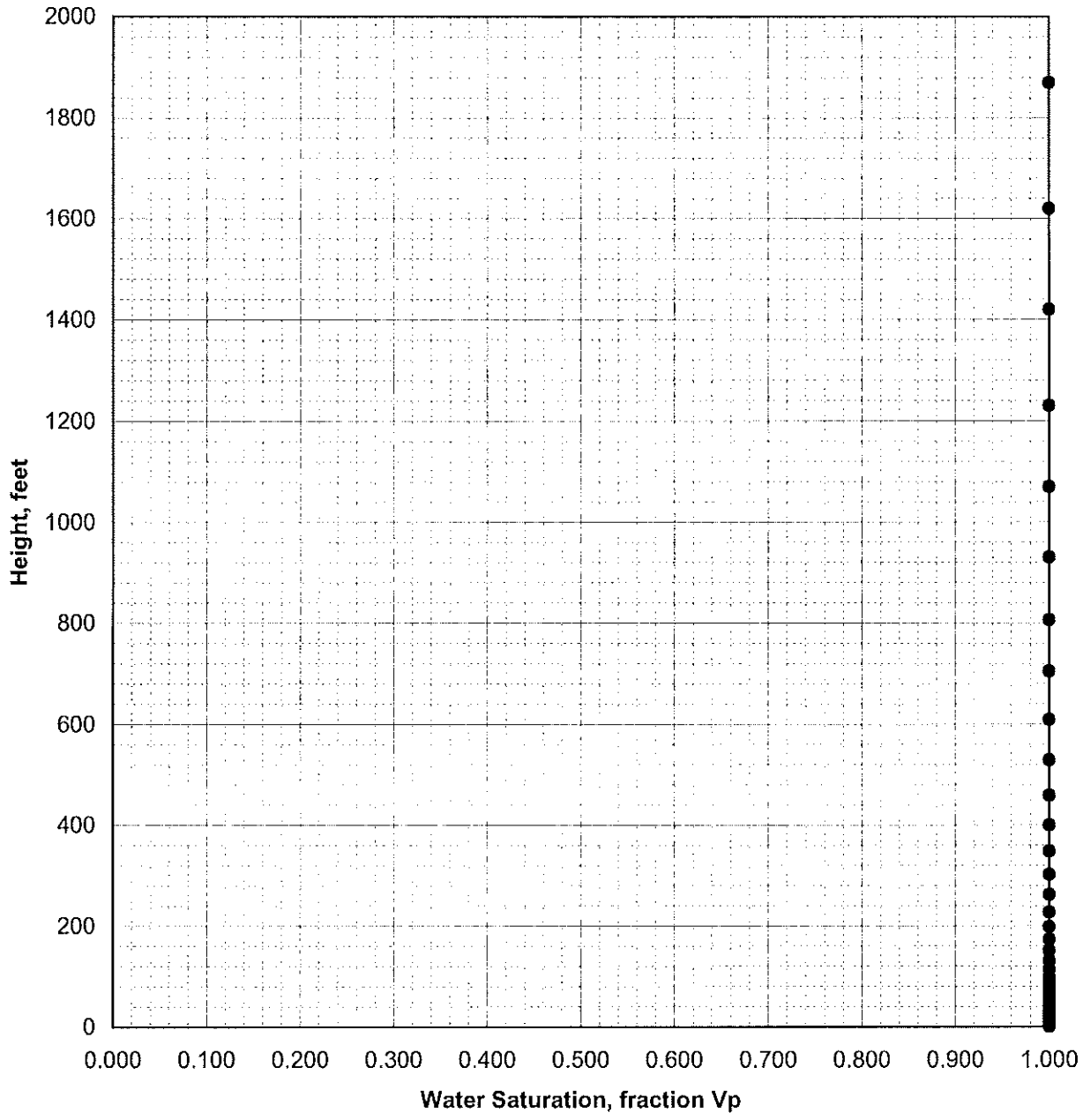
COMPANY:	Talisman Energy Inc.	FILE:	52132-08-6055
WELL:	Seabee #1	FORMATION:	Albian - Torok
Sample:	Seabee #1 (5396')	Ambient Condition Air Permeability, mD:	0.48
Depth, feet:	5396.0	Ambient Condition Porosity, fraction:	0.087



Median Pore Throat Radius, µm:	0.014	Hydrocarbon Density Gradient, psi/feet:	0.369
		Water Density Gradient, psi/feet:	0.433

MERCURY INJECTION CAPILLARY PRESSURE

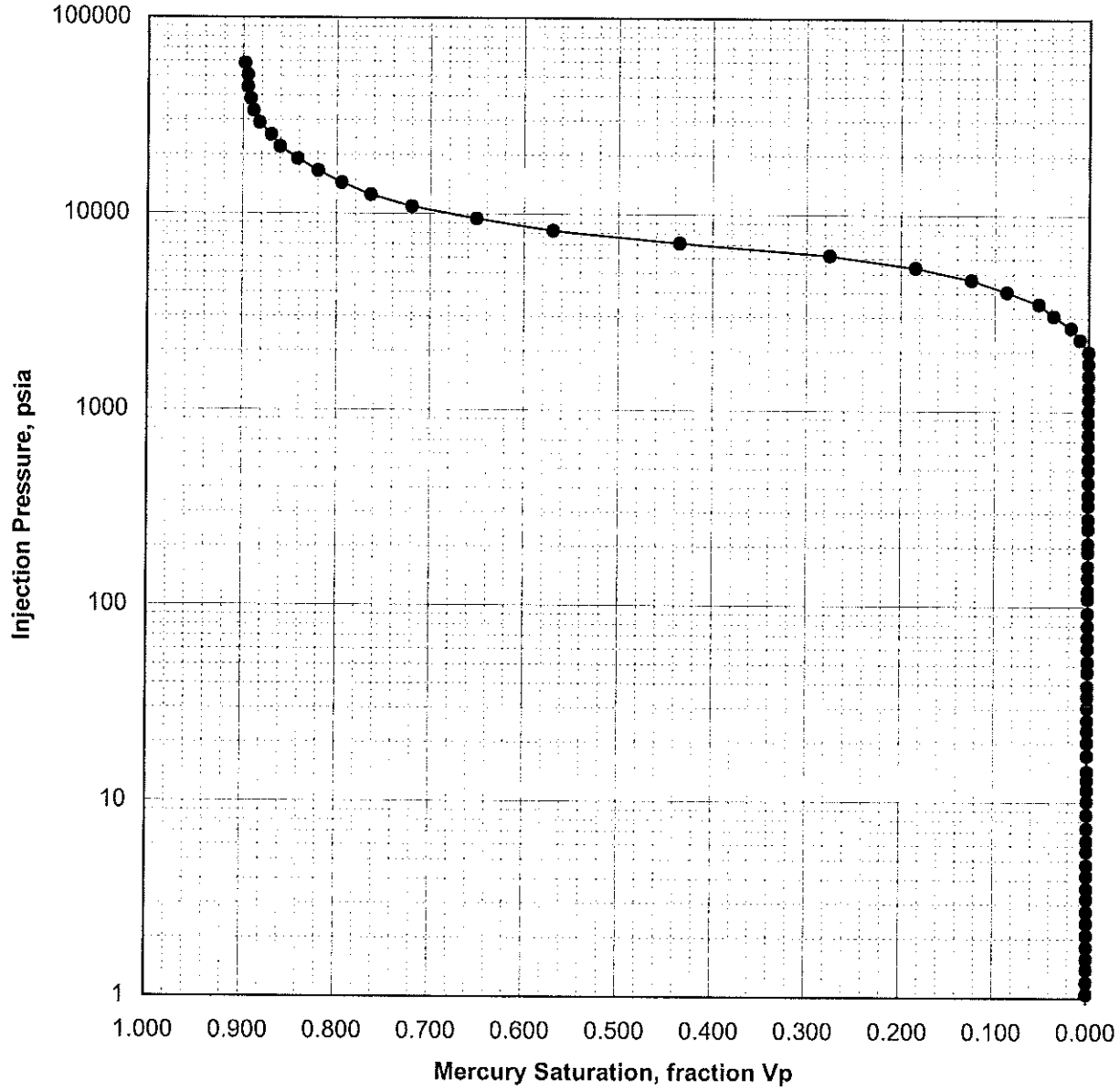
COMPANY:	Talisman Energy Inc.	FILE:	52132-08-6055
WELL:	Seabee #1	FORMATION:	Albian - Torok
Sample:	Seabee #1 (5396')	Ambient Condition Air Permeability, mD:	0.48
Depth, feet:	5396.0	Ambient Condition Porosity, fraction:	0.087



Median Pore Throat Radius, µm:	0.014	Hydrocarbon Density Gradient, psi/feet:	0.369
		Water Density Gradient, psi/feet:	0.433

MERCURY INJECTION CAPILLARY PRESSURE

COMPANY:	Talisman Energy Inc.	FILE:	52132-08-6055
WELL:	Seabee #1	FORMATION:	Albian - Torok
Sample:	Seabee #1 (5396')	Ambient Condition Air Permeability, mD:	0.48
Depth, feet:	5396.0	Ambient Condition Porosity, fraction:	0.087



Median Pore Throat Radius, µm:	0.014	Hydrocarbon Density Gradient, psi/feet:	0.369
		Water Density Gradient, psi/feet:	0.433

Core Laboratories
Advanced Rock Properties

MERCURY INJECTION DATA SUMMARY

Company:	Talisman Energy Inc.	Sample Number:	Topogoruk #1 (5974')
Well:	Topogoruk #1	Depth, feet:	5974.0
Field:	N/A	Air Permeability, mD:	13.2
Formation:	Albian - Torok	Porosity, fraction:	0.115
Country:	Alaska	File Number:	52132-08-6055

Injection Pressure, psia	Mercury Saturation, fraction	1.0-Mercury Saturation, fraction	Pore Radius, microns	J Function	Conversion to Other Laboratory Fluid Systems, psia			Est'd Height, feet Above Free Water	
					G-W	G-O	O-W	G-W	O-W
0.78	0.000	1.000	138	0.00495	0.149	0.051	0.065	N/A	0.71
0.91	0.000	1.000	118.0	0.00578	0.174	0.060	0.075	N/A	0.82
1.04	0.000	1.000	104.0	0.0066	0.199	0.068	0.086	N/A	0.94
1.20	0.000	1.000	89.8	0.00761	0.229	0.079	0.099	N/A	1.08
1.39	0.000	1.000	77.6	0.00881	0.265	0.091	0.115	N/A	1.26
1.6	0.000	1.000	68.4	0.01	0.301	0.103	0.130	N/A	1.42
1.8	0.000	1.000	59.6	0.0115	0.345	0.118	0.149	N/A	1.63
2.1	0.000	1.000	51.8	0.0132	0.398	0.136	0.172	N/A	1.88
2.4	0.000	1.000	44.90	0.0152	0.458	0.157	0.198	N/A	2.2
2.8	0.000	1.000	39.20	0.0174	0.525	0.180	0.23	N/A	2.5
3.2	0.000	1.000	33.90	0.0202	0.607	0.208	0.26	N/A	2.9
3.6	0.000	1.000	29.90	0.0228	0.687	0.236	0.30	N/A	3.3
4.2	0.000	1.000	25.80	0.0265	0.798	0.274	0.35	N/A	3.8
4.8	0.000	1.000	22.70	0.0302	0.908	0.311	0.39	N/A	4.3
5.6	0.000	1.000	19.20	0.0356	1.07	0.367	0.46	N/A	5.1
6.3	0.000	1.000	17.10	0.0401	1.21	0.414	0.52	N/A	5.7
7.4	0.000	1.000	14.70	0.0465	1.40	0.48	0.61	N/A	6.6
8.6	0.000	1.000	12.50	0.0547	1.65	0.564	0.71	N/A	7.8
10.1	0.000	1.000	10.70	0.0638	1.9	0.659	0.83	N/A	9.1
11.5	0.000	1.000	9.38	0.0729	2.2	0.753	0.95	N/A	10.4
13.0	0.000	1.000	8.33	0.0821	2.5	0.847	1.07	N/A	11.7
14.4	0.000	1.000	7.510	0.0911	2.7	0.94	1.19	N/A	13.0
17.4	0.000	1.000	6.220	0.11	3.3	1.14	1.4	N/A	15.6
20.3	0.000	1.000	5.330	0.128	3.9	1.3	1.7	N/A	18.3
23.2	0.000	1.000	4.660	0.147	4.4	1.5	1.9	N/A	20.9
26.1	0.000	1.000	4.150	0.165	5.0	1.7	2.2	N/A	23.5
30.4	0.000	1.000	3.550	0.193	5.8	2.0	2.5	N/A	27.5
34.7	0.000	1.000	3.110	0.22	6.61	2.3	2.9	N/A	31.3
39.1	0.000	1.000	2.770	0.247	7.44	2.6	3.2	N/A	35.2
46.3	0.000	1.000	2.330	0.293	8.82	3.0	3.8	N/A	41.8
52.2	0.000	1.000	2.0700	0.33	9.94	3.4	4.3	N/A	47.0
60.9	0.000	1.000	1.7800	0.385	11.6	3.97	5.02	N/A	54.9
69.5	0.000	1.000	1.5600	0.44	13.2	4.54	5.73	N/A	62.7
79.7	0.000	1.000	1.3600	0.504	15.2	5.2	6.57	N/A	71.9
92.5	0.000	1.000	1.1700	0.585	17.6	6.04	7.62	N/A	83.3
110	0.000	1.000	1.0300	0.667	20.1	6.88	8.69	N/A	95.0
120	0.000	1.000	0.8880	0.77	23.2	7.94	10	N/A	109.0
140	0.000	1.000	0.7720	0.886	26.7	9.14	11.5	N/A	126.0
160	0.000	1.000	0.6670	1.03	30.9	10.6	13.4	N/A	147.0
190	0.000	1.000	0.5800	1.18	35.5	12.2	15.4	N/A	168.0
210	0.000	1.000	0.5060	1.35	40.7	14	17.6	N/A	192.0
250	0.000	1.000	0.4400	1.55	46.7	16	20.2	N/A	221

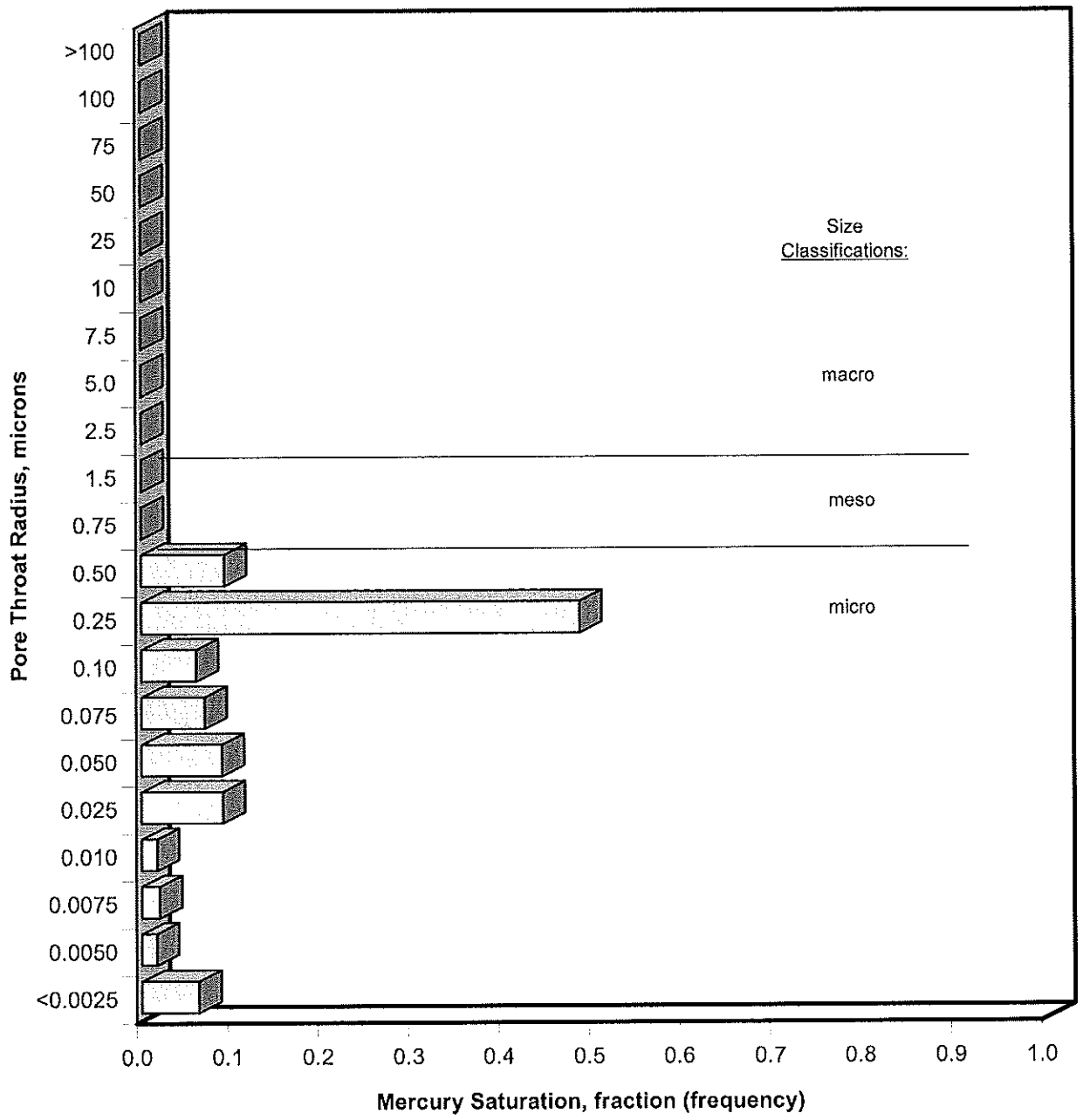
MERCURY INJECTION DATA SUMMARY

Company:	Talisman Energy Inc.	Sample Number:	Topogoruk #1 (5974')
Well:	Topogoruk #1	Depth, feet:	5974.0
Field:	N/A	Air Permeability, mD:	13.2
Formation:	Albian - Torok	Porosity, fraction:	0.115
Country:	Alaska	File Number:	52132-08-6055

Injection Pressure, psia	Mercury Saturation, fraction	1.0-Mercury Saturation, fraction	Pore Radius, microns	J Function	Conversion to Other Laboratory Fluid Systems, psia			Est'd Height, feet Above Free Water	
					G-W	G-O	O-W	G-W	O-W
280	0.000	1.000	0.3820	1.79	53.9	18.5	23.3	N/A	255
330	0.000	1.000	0.3320	2.06	62	21.2	26.8	N/A	293
370	0.027	0.973	0.2890	2.37	71.3	24.4	30.9	N/A	338
430	0.086	0.914	0.2510	2.73	82	28.1	35.5	N/A	388
490	0.278	0.722	0.2190	3.13	94.1	32.3	40.8	N/A	446
570	0.346	0.654	0.1900	3.6	108	37.2	47	N/A	514
660	0.424	0.576	0.1650	4.15	125	42.8	54	N/A	591
760	0.477	0.523	0.1430	4.79	144	49.5	62.5	N/A	684
870	0.518	0.482	0.1250	5.49	165	56.6	71.5	N/A	782
1000	0.557	0.443	0.1080	6.33	190	65.3	82.5	N/A	902
1150	0.590	0.410	0.0942	7.26	218	74.9	94.6	N/A	1030
1320	0.618	0.382	0.0817	8.37	252	86.4	109	N/A	1190
1520	0.647	0.353	0.0710	9.63	290	99.4	126	N/A	1380
1750	0.674	0.326	0.0618	11.1	333	114	144	N/A	1570
2010	0.694	0.306	0.0537	12.7	383	131	166	N/A	1820
2320	0.717	0.283	0.0466	14.7	441	151	191	N/A	2090
2670	0.735	0.265	0.0405	16.9	508	174	220	N/A	2410
3070	0.754	0.246	0.0352	19.4	585	200	253	N/A	2770
3530	0.770	0.230	0.0306	22.4	673	231	291	N/A	3180
4070	0.786	0.214	0.0266	25.8	775	266	336	N/A	3670
4680	0.805	0.195	0.0231	29.6	890	305	385	N/A	4210
5390	0.821	0.179	0.0201	34.1	1030	352	444	N/A	4860
6200	0.838	0.162	0.0174	39.2	1180	404	511	N/A	5590
7130	0.852	0.148	0.0152	45.1	1360	466	588	N/A	6430
8220	0.864	0.136	0.0131	52	1570	537	678	N/A	7420
9450	0.874	0.126	0.0114	59.8	1800	617	779	N/A	8520
10870	0.885	0.115	0.0100	68.7	2070	709	896	N/A	9800
12490	0.893	0.107	0.0087	79	2380	816	1030	N/A	11300
14380	0.901	0.099	0.0075	91	2740	939	1190	N/A	13000
16540	0.909	0.091	0.0065	105	3150	1080	1360	N/A	14900
19020	0.915	0.085	0.0057	120	3620	1240	1570	N/A	17200
21910	0.922	0.078	0.0049	139	4170	1430	1810	N/A	19800
25220	0.926	0.074	0.0043	160	4800	1650	2080	N/A	22700
28980	0.930	0.070	0.0037	183	5520	1890	2390	N/A	26100
33430	0.934	0.066	0.0032	211	6360	2180	2760	N/A	30200
38370	0.934	0.066	0.0028	243	7300	2500	3160	N/A	34600
44240	0.938	0.062	0.0024	280	8420	2890	3650	N/A	39900
50890	0.938	0.062	0.0021	322	9690	3320	4200	N/A	45900
58480	0.942	0.058	0.0019	370	11100	3820	4820	N/A	52700

MERCURY INJECTION CAPILLARY PRESSURE

COMPANY:	Talisman Energy Inc.	FILE:	52132-08-6055
WELL:	Topogoruk #1	FORMATION:	Albian - Torok
Sample:	Topogoruk #1 (5974')	Ambient Condition Air Permeability, mD:	13.2
Depth, feet:	5974.0	Ambient Condition Porosity, fraction:	0.115



Median Pore Throat Radius, µm:	0.133	Hydrocarbon Density Gradient, psi/feet:	0.366
		Water Density Gradient, psi/feet:	0.431

MERCURY INJECTION CAPILLARY PRESSURE

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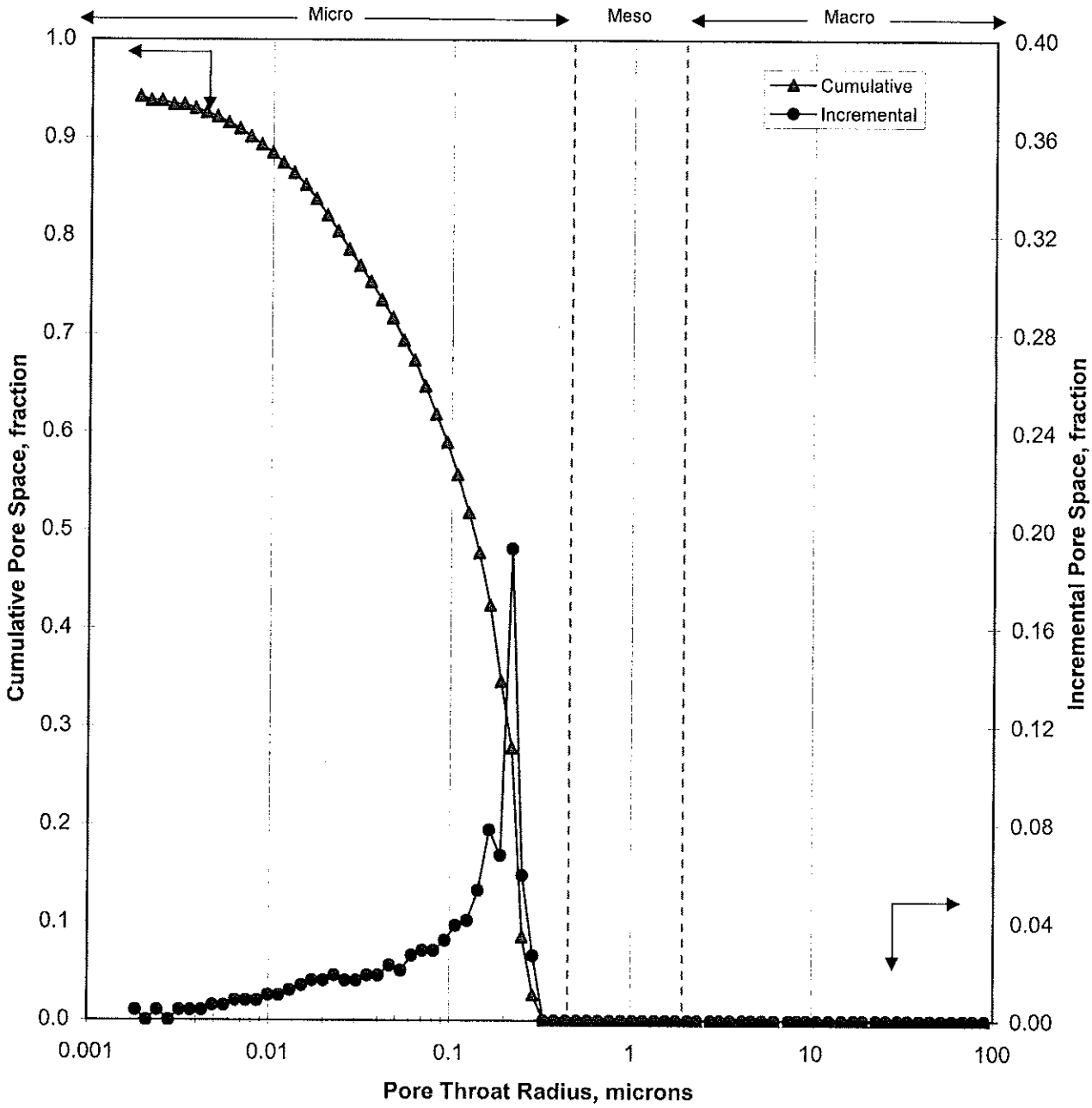

Median Pore Throat Radius, µm:	0.133	Hydrocarbon Density Gradient, psi/feet:	0.366
		Water Density Gradient, psi/feet:	0.431

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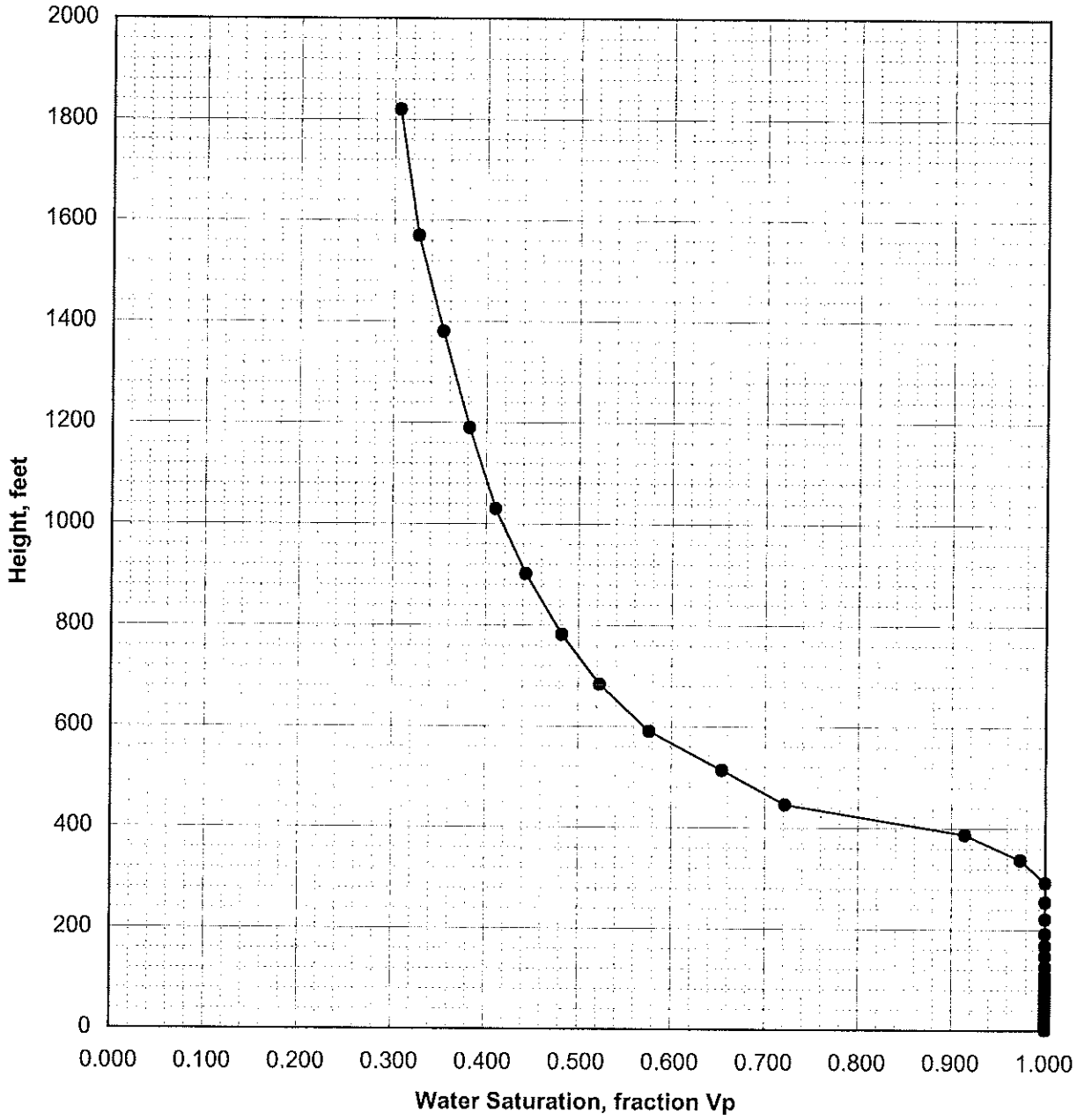
Sample:	Topogoruk #1 (5974')	Ambient Condition Air Permeability, mD:	13.2
Depth, feet:	5974.0	Ambient Condition Porosity, fraction:	0.115



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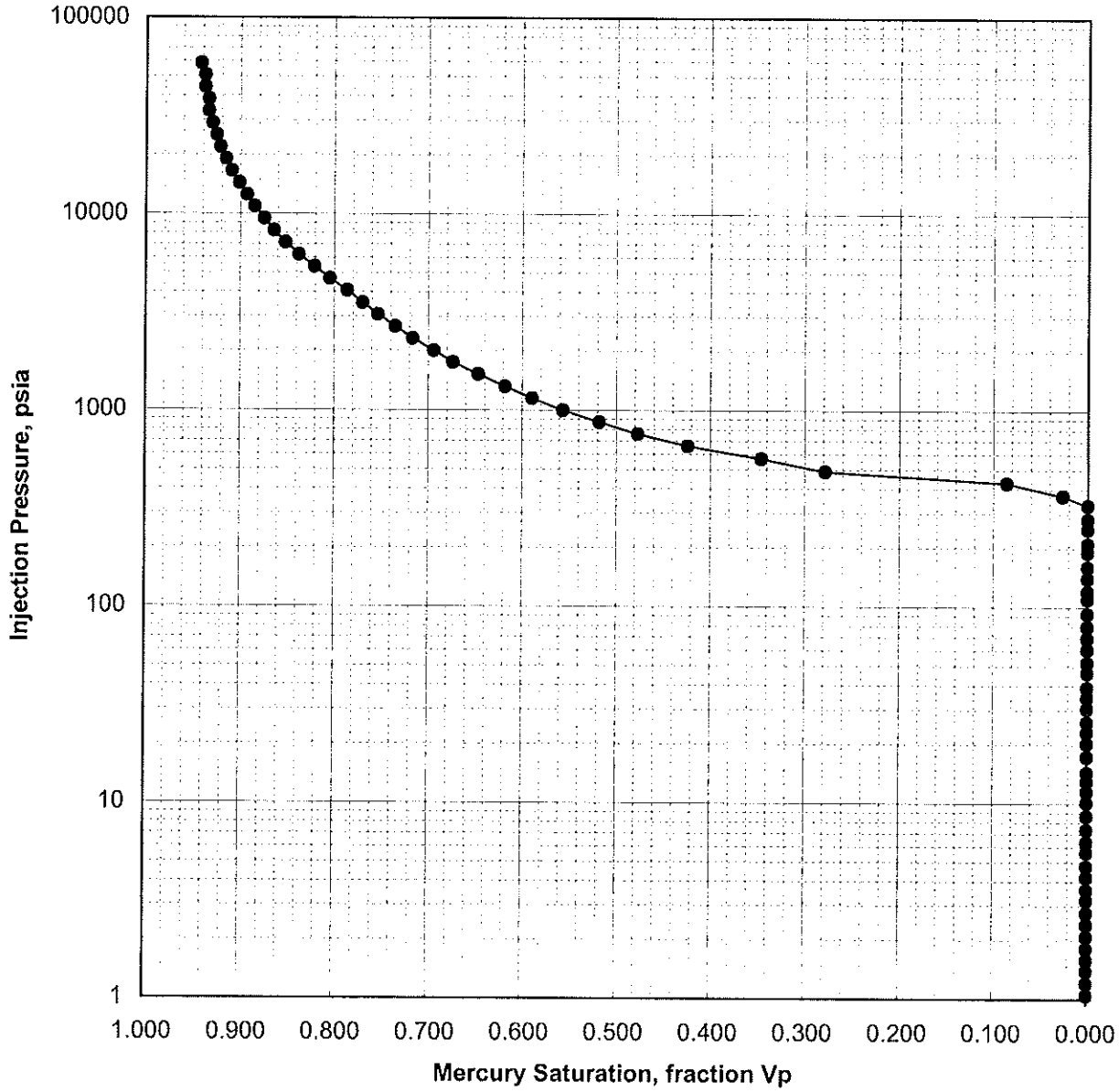
COMPANY:	Talisman Energy Inc.	FILE:	52132-08-6055
WELL:	Topogoruk #1	FORMATION:	Albian - Torok
Sample:	Topogoruk #1 (5974')	Ambient Condition Air Permeability, mD:	13.2
Depth, feet:	5974.0	Ambient Condition Porosity, fraction:	0.115



Median Pore Throat Radius, µm:	0.133	Hydrocarbon Density Gradient, psi/feet:	0.366
		Water Density Gradient, psi/feet:	0.431

Core Laboratories
Advanced Rock Properties

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