Porotechnology data and cation exchange capacity data determined from the following oil/gas well core:

BP Exploration (Alaska) Inc. {Conoco}Milne Point Unit TER B-01 (50029204900000) at 9268', 9271', 9284', and 9309';

BP Exploration (Alaska) Inc. {Conoco} Milne Point Unit KR L-01 (50029210680000) at 8969', 8984', 9001', and 9011'; and

Union Oil Co. of California East Harrison Bay State No. 1 (50703200010000) at 8037', 8045', 8053', and 8061'.

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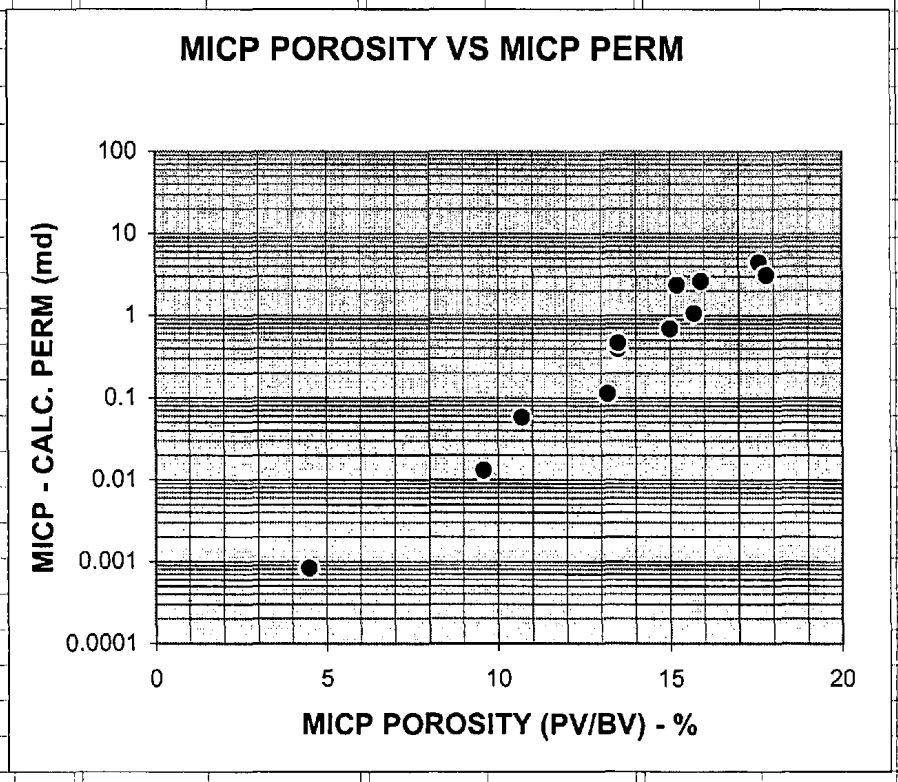
Alaska Geologic Materials Center Data Report No. 319

POROTECHNOLOGY: 02/02/2004

SPL ID: MISC. NORTH SLOPE SAMPLES

Sample\Depth	Tab No.	Sample ** Porosity(%)	Spl MICP Porosity(%)	Sample Air Perm(md)	Calc MICP Perm(md)	Sample Gr Den(g\cc)	MICP Gr. Den (g\cc)
Milne Point B-1 Spls:							
9268.ft	1	~12%	9.58	N/A	0.0129	N/A	2.632
9271.ft	2	~15%	13.2		0.112		2.614
9284.ft	3	~15%	17.6		4.41		2.651
9309.ft	4	~8%	13.5		0.392		2.662
Milne Point L-01 Spls:							
8969.ft	5	~12%	15.2	N/A	2.34	N/A	2.629
8984.ft	6	~15%	15.9		2.61		2.625
9001.ft	7	~13%	10.7		0.0576		2.63
9011.ft	8	~12%	13.5		0.458		2.693
E. Harrison Bay #1 Spls:							
8037.ft	9	~18%	17.8	N/A	3.09	N/A	2.608
8045.ft	10	~15%	15		0.685		2.619
8053.ft	11	~17%	15.7		1.055		2.684
8061.ft	12	~12%	4.5		0.00082		2.716

** Estimated log porosities.



NOTE 1: All samples were dried at ~100C prior to MICP testing. Additionally, selected samples may have been subsampled and\or examined under a binocular microscope for proper MICP analysis.

NOTE 2: Color, digital photos of each sample are entered on the drainage graph.

OTHER Pc SYSTEMS		
Pc gas/brine =	0.1	[(50\480)X(1\.766) X Pc air\Hg]
Pc gas/oil =	0.1	[(24\480)X(1\.766) X Pc air\Hg]
Pc oil/brine =	0.1	[(30\480)X(1\.766) X Pc air\Hg]

HEIGHT ABOVE FREE WATER(FT)			Brine Density = 1.11g/cc
Height(gas/brine)=	0.3	(X Pc air/Hg)	Gas Density = 0.20g/cc
Height(oil/brine) =	0.7	(X Pc air/Hg)	Oil Density = 0.85g/cc

NOTE: SPL PERM(CALC) = Air Perm(md) = Max value of (Sb/Pc); To 1.691 power; Multiply by 399 (After SWANSON, SPE 8234, 1978)

NOTE: Leverett "J" Function = [((k/por.) X 0.5 exp.) X Pc(psia) X 0.2166] /480

{The "k" value used for J-Funct. calculations on the "RPTx" tables is that provided by client (ie, client's PPGD data). If such data not provided, then "MICP-Calculated" k value used. The "por."(porosity) value used is the "MICP" porosity measured @ 60000psia.

xxxx

PTS Labs International, Inc.

EOG Resources
File No.: 22371

CATION EXCHANGE CAPACITY DATA

Test Temperature: 77° F

Sample ID	Cation Exchange Capacity, meq/100g
Milne Point B-1	
9271.00	3.282
9284.00	2.000
Milne Point L-01	
8984.00	1.955
9001.00	3.909
East Harrison Bay #1	
8037.00	2.728
8045.00	3.804
8053.00	2.278