APPENDIX 2: STATISTICAL OUTPUT

PETRIMES MODULE MPRO

NO. OF POOLS DISTRIBUTION AND RISKS
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UAI	C5B19501
PLAY	Bowser Skeena Structural Gas Play
Assessor	Peter Hannigan
Geologist	Peter Hannigan
Operator	PH
Remarks	Intermontane Oil & Gas Assessment Project PH
Run date	WED, FEB 1, 1995, 11:37 AM

A) Risks

	GEOLOGICAL FACTOR		MARGINAL PROBABILITY
PLAY LEVEL	Overall Play Level Risk	=	1.00
PROSPECT LEVEL	Presence of Closure	(1)	.50
	Presence of Reservoir Facies	(2)	.80
	Adequate Seal	(4)	.60
	Adequate Timing	(5)	.60
	Adequate Source	(6)	.80
	Adequate Preservation	(8)	.33
	Overall Prospect Level Risk	=	.04
EXPLORATION RISK:		=	.04

B) No. of Prospects Distribution

Minimum	=	50
Maximum	=	1000
Mean	=	510.75
S.D.	=	276.89

Frequency	No. of Prospects
99.00	50
95	87
90	133
80	225
75	271
60	409
50	500

40	600
25	750
20	800
10	900
5	950
1	990
0	1000

C) No. of Pools Distribution

Minimum	=	0
Maximum	=	62
Mean	=	19.42
S.D.	=	11.38

Frequency	No. of Pools
99.46	0
99	1
95	3
90	5
80	8
75	10
60	15
50	19
40	22
25	28
20	30
10	35
5	39
1	45
0	62

PETRIMES MODULE PSRK

INDIVIDUAL POOL SIZES BY RANK
WHERE N IS A RANDOM VARIABLE
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UAI	C5B19501
PLAY	Bowser Skeena Structural Gas Play
Assessor	Peter Hannigan
Geologist	Peter Hannigan
Operator	ph
Remarks	Intermontane Oil & Gas Assessment Project ph
Run date	THU, FEB 16, 1995, 1:56 PM

A) Basic Information

TYPE OF RESOURCE #Gas In Place
SYSTEM OF MEASUREMENT #S.I.
UNIT OF MEASUREMENT #M cu m (19)

B) Lognormal Pool Size Distribution

Summary Statistics	mu = 7.5074	MEAN = 3703.5	
	sig. sq= 1.4193	S.D. = 6556.8	
Upper Percentiles	99.99% = 21.687	60.00% = 1346.9	15.00% = 6261.3
	99.00% = 113.96	55.00% = 1568.2	10.00% = 8384.7
	95.00% = 256.66	50.00% = 1821.4	8.00% = 9713.9
	90.00% = 395.67	45.00% = 2115.6	6.00% = 11611.
	85.00% = 529.86	40.00% = 2463.2	5.00% = 12926.
	80.00% = 668.28	35.00% = 2882.5	4.00% = 14663.
	75.00% = 815.51	30.00% = 3402.0	2.00% = 21039.
	70.00% = 975.19	25.00% = 4068.1	1.00% = 29111.
	65.00% = 1150.9	20.00% = 4964.4	.01% = .15298E+06

C) No. of Pools Distribution

Lower Support = 0
Upper Support = 62
Expectation = 19.42
Standard Deviation= 11.38

D) Pool Sizes By Rank

Pool Rank			Distribution		
1	MEAN	= 19433.	S.D.	= 18831.	P(N>=r)= .99459
	99%	= 1165.4	75%	= 8826.1	10% = 37727.
	95%	= 3253.6	50%	= 14701.	5% = 50492.
	90%	= 5004.9	25%	= 23874.	1% = 90879.
2	MEAN	= 10174.	S.D.	= 7104.4	P(N>=r)= .97978
	99%	= 588.06	75%	= 5354.2	10% = 18762.
	95%	= 1755.0	50%	= 8817.3	5% = 23104.
	90%	= 2854.4	25%	= 13264.	1% = 34548.
3	MEAN	= 7212.3	S.D.	= 4615.9	P(N>=r)= .95716

	99%	= 410.78	75%	= 3907.7	10%	= 13070.
	95%	= 1209.8	50%	= 6511.1	5%	= 15639.
	90%	= 2006.9	25%	= 9589.2	1%	= 21893.
4	MEAN	= 5663.8	S.D.	= 3490.6	P(N>=r)	= .93045
	99%	= 330.67	75%	= 3095.0	10%	= 10180.
	95%	= 943.42	50%	= 5210.0	5%	= 12004.
	90%	= 1565.6	25%	= 7608.3	1%	= 16246.
5	MEAN	= 4682.8	S.D.	= 2827.2	P(N>=r)	= .90226
	99%	= 283.95	75%	= 2565.7	10%	= 8379.6
	95%	= 784.45	50%	= 4351.1	5%	= 9794.0
	90%	= 1292.8	25%	= 6330.6	1%	= 12986.
6	MEAN	= 3993.3	S.D.	= 2380.8	P(N>=r)	= .87368
	99%	= 251.84	75%	= 2188.7	10%	= 7128.0
	95%	= 675.95	50%	= 3731.8	5%	= 8282.9
	90%	= 1104.1	25%	= 5421.9	1%	= 10832.
7	MEAN	= 3476.6	S.D.	= 2055.7	P(N>=r)	= .84504
	99%	= 227.64	75%	= 1904.6	10%	= 6197.0
	95%	= 595.71	50%	= 3259.7	5%	= 7172.0
	90%	= 964.24	25%	= 4734.8	1%	= 9288.5
8	MEAN	= 3072.1	S.D.	= 1806.0	P(N>=r)	= .81640
	99%	= 208.43	75%	= 1682.0	10%	= 5471.7
	95%	= 533.36	50%	= 2885.8	5%	= 6314.4
	90%	= 855.73	25%	= 4193.1	1%	= 8119.8
9	MEAN	= 2745.3	S.D.	= 1607.0	P(N>=r)	= .78776
	99%	= 192.66	75%	= 1502.4	10%	= 4887.6
	95%	= 483.23	50%	= 2581.1	5%	= 5628.6
	90%	= 768.81	25%	= 3752.9	1%	= 7199.5
10	MEAN	= 2475.0	S.D.	= 1443.9	P(N>=r)	= .75913
	99%	= 179.38	75%	= 1354.2	10%	= 4405.2
	95%	= 441.88	50%	= 2327.5	5%	= 5065.4
	90%	= 697.44	25%	= 3386.7	1%	= 6453.0
11	MEAN	= 2247.0	S.D.	= 1307.2	P(N>=r)	= .73052
	99%	= 168.00	75%	= 1229.8	10%	= 3998.8
	95%	= 407.09	50%	= 2112.7	5%	= 4593.1
	90%	= 637.67	25%	= 3076.5	1%	= 5833.6
12	MEAN	= 2051.9	S.D.	= 1190.7	P(N>=r)	= .70195
	99%	= 158.09	75%	= 1123.7	10%	= 3650.9
	95%	= 377.32	50%	= 1928.1	5%	= 4190.5
	90%	= 586.80	25%	= 2809.8	1%	= 5310.0
13	MEAN	= 1882.6	S.D.	= 1090.0	P(N>=r)	= .67342
	99%	= 149.35	75%	= 1032.0	10%	= 3349.2
	95%	= 351.51	50%	= 1767.6	5%	= 3842.4
	90%	= 542.90	25%	= 2577.6	1%	= 4860.8
14	MEAN	= 1734.1	S.D.	= 1002.0	P(N>=r)	= .64498
	99%	= 141.56	75%	= 951.86	10%	= 3084.6
	95%	= 328.85	50%	= 1626.6	5%	= 3538.1
	90%	= 504.55	25%	= 2373.3	1%	= 4470.5
15	MEAN	= 1602.7	S.D.	= 924.34	P(N>=r)	= .61663

	99%	= 134.55	75%	= 881.12	10%	= 2850.5
	95%	= 308.74	50%	= 1501.6	5%	= 3269.4
	90%	= 470.67	25%	= 2192.1	1%	= 4128.0
16	MEAN	= 1485.5	S.D.	= 855.25	P(N>=r)	= .58843
	99%	= 128.18	75%	= 818.06	10%	= 2641.6
	95%	= 290.70	50%	= 1389.9	5%	= 3030.2
	90%	= 440.43	25%	= 2030.0	1%	= 3824.6
17	MEAN	= 1380.1	S.D.	= 793.37	P(N>=r)	= .56038
	99%	= 122.33	75%	= 761.38	10%	= 2453.9
	95%	= 274.36	50%	= 1289.4	5%	= 2815.8
	90%	= 413.15	25%	= 1884.2	1%	= 3553.7
18	MEAN	= 1284.8	S.D.	= 737.63	P(N>=r)	= .53251
	99%	= 116.91	75%	= 710.06	10%	= 2284.4
	95%	= 259.41	50%	= 1198.5	5%	= 2622.3
	90%	= 388.33	25%	= 1752.3	1%	= 3310.3
19	MEAN	= 1198.1	S.D.	= 687.16	P(N>=r)	= .50484
	99%	= 111.84	75%	= 663.28	10%	= 2130.4
	95%	= 245.61	50%	= 1115.7	5%	= 2446.9
	90%	= 365.57	25%	= 1632.2	1%	= 3090.3
20	MEAN	= 1118.9	S.D.	= 641.26	P(N>=r)	= .47737
	99%	= 107.07	75%	= 620.43	10%	= 1989.9
	95%	= 232.79	50%	= 1040.1	5%	= 2287.0
	90%	= 344.55	25%	= 1522.5	1%	= 2890.5
21	MEAN	= 1046.3	S.D.	= 599.36	P(N>=r)	= .45011
	99%	= 102.56	75%	= 581.00	10%	= 1861.1
	95%	= 220.82	50%	= 970.71	5%	= 2140.8
	90%	= 325.06	25%	= 1421.9	1%	= 2708.1
22	MEAN	= 979.44	S.D.	= 560.98	P(N>=r)	= .42308
	99%	= 98.271	75%	= 544.60	10%	= 1742.6
	95%	= 209.59	50%	= 906.87	5%	= 2006.4
	90%	= 306.90	25%	= 1329.3	1%	= 2541.1
23	MEAN	= 917.76	S.D.	= 525.70	P(N>=r)	= .39627
	99%	= 94.184	75%	= 510.89	10%	= 1633.5
	95%	= 199.03	50%	= 847.98	5%	= 1882.4
	90%	= 289.95	25%	= 1244.0	1%	= 2387.6
24	MEAN	= 860.69	S.D.	= 493.20	P(N>=r)	= .36972
	99%	= 90.284	75%	= 479.62	10%	= 1532.7
	95%	= 189.08	50%	= 793.53	5%	= 1767.7
	90%	= 274.08	25%	= 1165.1	1%	= 2246.0
25	MEAN	= 807.81	S.D.	= 463.19	P(N>=r)	= .34346
	99%	= 86.556	75%	= 450.54	10%	= 1439.3
	95%	= 179.69	50%	= 743.10	5%	= 1661.7
	90%	= 259.20	25%	= 1092.0	1%	= 2114.8
26	MEAN	= 758.71	S.D.	= 435.42	P(N>=r)	= .31753
	99%	= 82.988	75%	= 423.46	10%	= 1352.7
	95%	= 170.81	50%	= 696.33	5%	= 1563.6
	90%	= 245.22	25%	= 1024.2	1%	= 1993.4
27	MEAN	= 713.09	S.D.	= 409.69	P(N>=r)	= .29198

	99%	= 79.570	75%	= 398.21	10%	= 1272.2
	95%	= 162.41	50%	= 652.92	5%	= 1472.5
	90%	= 232.08	25%	= 961.29	1%	= 1881.5
28	MEAN	= 670.66	S.D.	= 385.82	P(N>=r)	= .26688
	99%	= 76.295	75%	= 374.67	10%	= 1197.4
	95%	= 154.45	50%	= 612.61	5%	= 1387.8
	90%	= 219.71	25%	= 902.85	1%	= 1777.5
29	MEAN	= 631.18	S.D.	= 363.64	P(N>=r)	= .24232
	99%	= 73.158	75%	= 352.73	10%	= 1127.8
	95%	= 146.92	50%	= 575.18	5%	= 1308.9
	90%	= 208.08	25%	= 848.55	1%	= 1679.5
30	MEAN	= 594.48	S.D.	= 343.03	P(N>=r)	= .21838
	99%	= 70.159	75%	= 332.30	10%	= 1063.0
	95%	= 139.80	50%	= 540.46	5%	= 1235.3
	90%	= 197.16	25%	= 798.11	1%	= 1587.9
31	MEAN	= 560.38	S.D.	= 323.87	P(N>=r)	= .19517
	99%	= 67.300	75%	= 313.32	10%	= 1002.8
	95%	= 133.09	50%	= 508.29	5%	= 1166.9
	90%	= 186.93	25%	= 751.31	1%	= 1503.0
32	MEAN	= 528.74	S.D.	= 306.04	P(N>=r)	= .17283
	99%	= 64.585	75%	= 295.71	10%	= 946.76
	95%	= 126.78	50%	= 478.53	5%	= 1103.1
	90%	= 177.37	25%	= 707.91	1%	= 1423.6
33	MEAN	= 499.41	S.D.	= 289.45	P(N>=r)	= .15150
	99%	= 62.017	75%	= 279.44	10%	= 894.71
	95%	= 120.88	50%	= 451.06	5%	= 1043.8
	90%	= 168.47	25%	= 667.72	1%	= 1349.9
34	MEAN	= 472.27	S.D.	= 274.02	P(N>=r)	= .13133
	99%	= 59.601	75%	= 264.43	10%	= 846.39
	95%	= 115.38	50%	= 425.75	5%	= 988.61
	90%	= 160.22	25%	= 630.55	1%	= 1281.5
35	MEAN	= 447.20	S.D.	= 259.65	P(N>=r)	= .11247
	99%	= 57.337	75%	= 250.63	10%	= 801.58
	95%	= 110.28	50%	= 402.47	5%	= 937.32
	90%	= 152.60	25%	= 596.23	1%	= 1217.5
36	MEAN	= 424.07	S.D.	= 246.30	P(N>=r)	= .95065E-01
	99%	= 55.222	75%	= 237.96	10%	= 760.05
	95%	= 105.55	50%	= 381.10	5%	= 889.67
	90%	= 145.57	25%	= 564.58	1%	= 1157.9
37	MEAN	= 402.76	S.D.	= 233.87	P(N>=r)	= .79232E-01
	99%	= 53.254	75%	= 226.36	10%	= 721.60
	95%	= 101.19	50%	= 361.51	5%	= 845.44
	90%	= 139.10	25%	= 535.43	1%	= 1102.3
38	MEAN	= 383.12	S.D.	= 222.33	P(N>=r)	= .65058E-01
	99%	= 51.426	75%	= 215.74	10%	= 686.03
	95%	= 97.162	50%	= 343.56	5%	= 804.40
	90%	= 133.16	25%	= 508.58	1%	= 1050.5
39	MEAN	= 365.05	S.D.	= 211.59	P(N>=r)	= .52583E-01

99%	= 49.731	75%	= 206.02	10%	= 653.12
95%	= 93.458	50%	= 327.12	5%	= 766.34
90%	= 127.71	25%	= 483.89	1%	= 1002.2

E) The mean of the potential = 71858.

PETRIMES MODULE MPRO

NO. OF POOLS DISTRIBUTION AND RISKS
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UAI	C5B29501
PLAY	Bowser Skeena Structual Oil Play
Assessor	Peter Hannigan
Geologist	Peter Hannigan
Operator	PH
Remarks	Intermontane Oil & Gas Assessment Project PH
Run date	TUE, FEB 14, 1995, 11:13 AM

A) Risks

	GEOLOGICAL FACTOR		MARGINAL PROBABILITY
PLAY LEVEL	Overall Play Level Risk	=	1.00
PROSPECT LEVEL	Presence of Closure	(1)	.50
	Presence of Reservoir Facies	(2)	.80
	Adequate Seal	(4)	.60
	Adequate Timing	(5)	.60
	Adequate Source	(6)	.80
	Adequate Preservation	(8)	.33
	Overall Prospect Level Risk	=	.04
EXPLORATION RISK:		=	.04

B) No. of Prospects Distribution

Minimum	=	40
Maximum	=	800
Mean	=	408.69
S.D.	=	221.51

Frequency	No. of Prospects
99.00	40
95	70
90	107
80	180
75	217
60	327
50	400

40	480
25	600
20	640
10	720
5	760
1	792
0	800

C) No. of Pools Distribution

Minimum	=	0
Maximum	=	54
Mean	=	15.54
S.D.	=	9.27

Frequency	No. of Pools
99.06	0
99	1
95	2
90	4
80	6
75	8
60	12
50	15
40	18
25	23
20	24
10	28
5	31
1	37
0	54

PETRIMES MODULE PSRK

INDIVIDUAL POOL SIZES BY RANK
WHERE N IS A RANDOM VARIABLE
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UAI	C5B29501
PLAY	Bowser Skeena Structual Oil Play
Assessor	Peter Hannigan
Geologist	Peter Hannigan
Operator	ph
Remarks	Intermontane Oil & Gas Assessment Project ph
Run date	THU, FEB 16, 1995, 2:56 PM

A) Basic Information

TYPE OF RESOURCE =Oil In Place
SYSTEM OF MEASUREMENT =S.I.
UNIT OF MEASUREMENT =M cu m (19)

B) Lognormal Pool Size Distribution

Summary Statistics	mu = 1.9488	MEAN = 12.953	
	sig. sq= 1.2251	S.D. = 20.085	
Upper Percentiles	99.99% = .11445	60.00% = 5.3034	15.00% = 22.108
	99.00% = .53465	55.00% = 6.1085	10.00% = 28.998
	95.00% = 1.1367	50.00% = 7.0200	8.00% = 33.247
	90.00% = 1.6994	45.00% = 8.0676	6.00% = 39.238
	85.00% = 2.2291	40.00% = 9.2922	5.00% = 43.352
	80.00% = 2.7655	35.00% = 10.754	4.00% = 48.740
	75.00% = 3.3275	30.00% = 12.543	2.00% = 68.166
	70.00% = 3.9288	25.00% = 14.810	1.00% = 92.173
	65.00% = 4.5826	20.00% = 17.820	.01% = 430.58

C) No. of Pools Distribution

Lower Support	= 0
Upper Support	= 54
Expectation	= 15.54
Standard Deviation	= 9.27

D) Pool Sizes By Rank

Pool Rank			Distribution			
1	MEAN	= 56.154	S.D.	= 50.707	P(N>=r)	= .99057
	99%	= 3.7063	75%	= 26.605	10%	= 107.66
	95%	= 10.033	50%	= 43.629	5%	= 142.03
	90%	= 15.295	25%	= 69.547	1%	= 247.76
2	MEAN	= 30.337	S.D.	= 20.339	P(N>=r)	= .96807
	99%	= 2.0403	75%	= 16.407	10%	= 55.235
	95%	= 5.6283	50%	= 26.621	5%	= 67.451
	90%	= 8.9475	25%	= 39.542	1%	= 99.069
3	MEAN	= 21.796	S.D.	= 13.472	P(N>=r)	= .93697

	99%	= 1.5090	75%	= 12.118	10%	= 38.993
	95%	= 4.0254	50%	= 19.831	5%	= 46.372
	90%	= 6.4442	25%	= 28.883	1%	= 64.084
4	MEAN	= 17.249	S.D.	= 10.283	P(N>=r)	= .90236
	99%	= 1.2508	75%	= 9.6790	10%	= 30.601
	95%	= 3.2147	50%	= 15.950	5%	= 35.910
	90%	= 5.1131	25%	= 23.049	1%	= 48.114
5	MEAN	= 14.330	S.D.	= 8.3735	P(N>=r)	= .86677
	99%	= 1.0901	75%	= 8.0710	10%	= 25.307
	95%	= 2.7115	50%	= 13.362	5%	= 29.464
	90%	= 4.2697	25%	= 19.243	1%	= 38.751
6	MEAN	= 12.258	S.D.	= 7.0746	P(N>=r)	= .83099
	99%	= .97514	75%	= 6.9158	10%	= 21.592
	95%	= 2.3588	50%	= 11.482	5%	= 25.012
	90%	= 3.6761	25%	= 16.513	1%	= 32.498
7	MEAN	= 10.694	S.D.	= 6.1203	P(N>=r)	= .79521
	99%	= .88671	75%	= 6.0394	10%	= 18.807
	95%	= 2.0938	50%	= 10.041	5%	= 21.713
	90%	= 3.2311	25%	= 14.435	1%	= 27.977
8	MEAN	= 9.4624	S.D.	= 5.3822	P(N>=r)	= .75944
	99%	= .81560	75%	= 5.3488	10%	= 16.624
	95%	= 1.8856	50%	= 8.8937	5%	= 19.149
	90%	= 2.8829	25%	= 12.788	1%	= 24.527
9	MEAN	= 8.4622	S.D.	= 4.7903	P(N>=r)	= .72373
	99%	= .75665	75%	= 4.7888	10%	= 14.856
	95%	= 1.7167	50%	= 7.9548	5%	= 17.086
	90%	= 2.6019	25%	= 11.442	1%	= 21.794
10	MEAN	= 7.6305	S.D.	= 4.3027	P(N>=r)	= .68810
	99%	= .70663	75%	= 4.3242	10%	= 13.389
	95%	= 1.5763	50%	= 7.1697	5%	= 15.384
	90%	= 2.3695	25%	= 10.317	1%	= 19.565
11	MEAN	= 6.9258	S.D.	= 3.8925	P(N>=r)	= .65259
	99%	= .66341	75%	= 3.9314	10%	= 12.147
	95%	= 1.4571	50%	= 6.5015	5%	= 13.950
	90%	= 2.1732	25%	= 9.3609	1%	= 17.705
12	MEAN	= 6.3194	S.D.	= 3.5419	P(N>=r)	= .61727
	99%	= .62543	75%	= 3.5937	10%	= 11.081
	95%	= 1.3541	50%	= 5.9246	5%	= 12.723
	90%	= 2.0046	25%	= 8.5354	1%	= 16.127
13	MEAN	= 5.7909	S.D.	= 3.2383	P(N>=r)	= .58217
	99%	= .59154	75%	= 3.2992	10%	= 10.152
	95%	= 1.2636	50%	= 5.4204	5%	= 11.658
	90%	= 1.8572	25%	= 7.8142	1%	= 14.768
14	MEAN	= 5.3252	S.D.	= 2.9727	P(N>=r)	= .54736
	99%	= .56085	75%	= 3.0390	10%	= 9.3359
	95%	= 1.1829	50%	= 4.9751	5%	= 10.725
	90%	= 1.7264	25%	= 7.1780	1%	= 13.583
15	MEAN	= 4.9111	S.D.	= 2.7383	P(N>=r)	= .51285

	99%	= .53266	75%	= 2.8069	10%	= 8.6117
	95%	= 1.1098	50%	= 4.5786	5%	= 9.8982
	90%	= 1.6089	25%	= 6.6121	1%	= 12.540
16	MEAN	= 4.5402	S.D.	= 2.5301	P(N>=r)	= .47867
	99%	= .50645	75%	= 2.5978	10%	= 7.9646
	95%	= 1.0430	50%	= 4.2230	5%	= 9.1611
	90%	= 1.5022	25%	= 6.1053	1%	= 11.614
17	MEAN	= 4.2060	S.D.	= 2.3439	P(N>=r)	= .44482
	99%	= .48184	75%	= 2.4084	10%	= 7.3829
	95%	= .98119	50%	= 3.9025	5%	= 8.4997
	90%	= 1.4043	25%	= 5.6489	1%	= 10.787
18	MEAN	= 3.9035	S.D.	= 2.1767	P(N>=r)	= .41131
	99%	= .45861	75%	= 2.2360	10%	= 6.8575
	95%	= .92378	50%	= 3.6124	5%	= 7.9030
	90%	= 1.3142	25%	= 5.2363	1%	= 10.042
19	MEAN	= 3.6288	S.D.	= 2.0257	P(N>=r)	= .37816
	99%	= .43662	75%	= 2.0788	10%	= 6.3813
	95%	= .87031	50%	= 3.3492	5%	= 7.3625
	90%	= 1.2310	25%	= 4.8620	1%	= 9.3695
20	MEAN	= 3.3790	S.D.	= 1.8889	P(N>=r)	= .34542
	99%	= .41581	75%	= 1.9353	10%	= 5.9482
	95%	= .82052	50%	= 3.1101	5%	= 6.8711
	90%	= 1.1543	25%	= 4.5218	1%	= 8.7592
21	MEAN	= 3.1514	S.D.	= 1.7646	P(N>=r)	= .31317
	99%	= .39619	75%	= 1.8046	10%	= 5.5536
	95%	= .77425	50%	= 2.8928	5%	= 6.4235
	90%	= 1.0835	25%	= 4.2122	1%	= 8.2037
22	MEAN	= 2.9440	S.D.	= 1.6513	P(N>=r)	= .28155
	99%	= .37775	75%	= 1.6855	10%	= 5.1936
	95%	= .73141	50%	= 2.6954	5%	= 6.0148
	90%	= 1.0185	25%	= 3.9302	1%	= 7.6968
23	MEAN	= 2.7551	S.D.	= 1.5478	P(N>=r)	= .25073
	99%	= .36052	75%	= 1.5772	10%	= 4.8646
	95%	= .69189	50%	= 2.5162	5%	= 5.6411
	90%	= .95892	25%	= 3.6733	1%	= 7.2328
24	MEAN	= 2.5830	S.D.	= 1.4530	P(N>=r)	= .22096
	99%	= .34449	75%	= 1.4790	10%	= 4.5640
	95%	= .65558	50%	= 2.3536	5%	= 5.2991
	90%	= .90453	25%	= 3.4393	1%	= 6.8074
25	MEAN	= 2.4263	S.D.	= 1.3662	P(N>=r)	= .19248
	99%	= .32963	75%	= 1.3901	10%	= 4.2891
	95%	= .62232	50%	= 2.2062	5%	= 4.9859
	90%	= .85498	25%	= 3.2261	1%	= 6.4175
26	MEAN	= 2.2837	S.D.	= 1.2864	P(N>=r)	= .16558
	99%	= .31592	75%	= 1.3096	10%	= 4.0377
	95%	= .59193	50%	= 2.0727	5%	= 4.6988
	90%	= .80995	25%	= 3.0321	1%	= 6.0595
27	MEAN	= 2.1539	S.D.	= 1.2132	P(N>=r)	= .14052

	99%	= .30329	75%	= 1.2369	10%	= 3.8077
	95%	= .56422	50%	= 1.9518	5%	= 4.4356
	90%	= .76907	25%	= 2.8554	1%	= 5.7305
28	MEAN	= 2.0358	S.D.	= 1.1459	P(N>=r)=	.11753
	99%	= .29167	75%	= 1.1712	10%	= 3.5973
	95%	= .53898	50%	= 1.8425	5%	= 4.1942
	90%	= .73200	25%	= 2.6946	1%	= 5.4276
29	MEAN	= 1.9283	S.D.	= 1.0841	P(N>=r)=	.96801E-01
	99%	= .28101	75%	= 1.1119	10%	= 3.4047
	95%	= .51599	50%	= 1.7434	5%	= 3.9727
	90%	= .69836	25%	= 2.5483	1%	= 5.1487
30	MEAN	= 1.8303	S.D.	= 1.0271	P(N>=r)=	.78445E-01
	99%	= .27121	75%	= 1.0582	10%	= 3.2284
	95%	= .49505	50%	= 1.6537	5%	= 3.7694
	90%	= .66783	25%	= 2.4150	1%	= 4.8916
31	MEAN	= 1.7410	S.D.	= .97476	P(N>=r)=	.62500E-01
	99%	= .26221	75%	= 1.0095	10%	= 3.0669
	95%	= .47595	50%	= 1.5724	5%	= 3.5826
	90%	= .64009	25%	= 2.2935	1%	= 4.6545

E) The mean of the potential = 200.97

PETRIMES MODULE MPRO

NO. OF POOLS DISTRIBUTION AND RISKS
****

UAI	C5B39502
PLAY	Bowser Mid-Jurassic - Lower Cretaceous Structural Gas
Assessor	Peter Hannigan
Geologist	Peter Hannigan
Operator	ph
Remarks	Intermontane Oil & Gas Assessment Project ph
Run date	FRI, FEB 17, 1995, 10:24 AM

A) Risks

	GEOLOGICAL FACTOR		MARGINAL PROBABILITY	
PLAY LEVEL	Presence of Reservoir Facies	(2)	.50	.75
	Adequate Timing	(5)	.50	.50
	Adequate Source	(6)	.95	.95
	Adequate Preservation	(8)	.50	.7
	Overall Play Level Risk	=	.12	
PROSPECT LEVEL	Presence of Closure	(1)	.90	
	Adequate Seal	(4)	.50	
	Overall Prospect Level Risk	=	.45	
EXPLORATION RISK:		=	.05	

B) No. of Prospects Distribution

Minimum	=	300
Maximum	=	6000
Mean	=	3062.00
S.D.	=	1661.28

Frequency	No. of Prospects
99.00	300
95	521
90	796
80	1347
75	1623
60	2449

50	3000
40	3600
25	4500
20	4800
10	5400
5	5700
1	5940
0	6000

C) No. of Pools Distribution

Minimum	=	0
Maximum	=	2811
Mean	=	163.63
S.D.	=	514.92

Frequency	No. of Pools
11.87	0
10	502
5	1563
1	2473
0	2811

PETRIMES MODULE PSRK

INDIVIDUAL POOL SIZES BY RANK
WHERE N IS A RANDOM VARIABLE
****

UAI	C5B39502
PLAY	Bowser Mid-Jurassic - Lower Cretaceous Structural Gas
Assessor	Peter Hannigan
Geologist	Peter Hannigan
Operator	ph
Remarks	Intermontane Oil & Gas Assessment Project ph
Run date	MON, FEB 20, 1995, 8:10 AM

A) Basic Information

TYPE OF RESOURCE =Gas In Place
SYSTEM OF MEASUREMENT =S.I.
UNIT OF MEASUREMENT =M cu m (19)

B) Lognormal Pool Size Distribution

Summary Statistics	mu = 5.8228	MEAN = 712.65	
	sig. sq= 1.4923	S.D. = 1323.2	
Upper Percentiles	99.99% = 3.5955	60.00% = 247.98	15.00% = 1198.6
	99.00% = 19.707	55.00% = 289.84	10.00% = 1617.1
	95.00% = 45.308	50.00% = 337.93	8.00% = 1880.5
	90.00% = 70.619	45.00% = 394.00	6.00% = 2257.8
	85.00% = 95.272	40.00% = 460.51	5.00% = 2520.4
	80.00% = 120.87	35.00% = 541.07	4.00% = 2868.3
	75.00% = 148.25	30.00% = 641.27	2.00% = 4153.5
	70.00% = 178.08	25.00% = 770.31	1.00% = 5794.7
	65.00% = 211.06	20.00% = 944.79	.01% = 31761.

C) No. of Pools Distribution

Lower Support = 0
Upper Support =2811
Expectation = 163.63
Standard Deviation= 514.92

D) Pool Sizes By Rank

Pool Rank			Distribution			
1	MEAN	= 20848.	S.D.	= 12627.	P(N>=r)=	.11875
	99%	= 5492.2	75%	= 13272.	10%	= 34314.
	95%	= 8038.2	50%	= 18024.	5%	= 42621.
	90%	= 9818.4	25%	= 24809.	1%	= 67360.
2	MEAN	= 13960.	S.D.	= 5749.5	P(N>=r)=	.11875
	99%	= 4255.1	75%	= 10085.	10%	= 21063.
	95%	= 6107.3	50%	= 13226.	5%	= 24224.
	90%	= 7461.5	25%	= 16869.	1%	= 32147.
3	MEAN	= 11423.	S.D.	= 4175.8	P(N>=r)=	.11875

	99%	= 3593.6	75%	= 8545.1	10%	= 16688.
	95%	= 5115.5	50%	= 11145.	5%	= 18684.
	90%	= 6270.2	25%	= 13854.	1%	= 23322.
4	MEAN	= 9970.5	S.D.	= 3455.0	P(N>=r)	= .11875
	99%	= 3154.6	75%	= 7568.3	10%	= 14333.
	95%	= 4473.5	50%	= 9880.4	5%	= 15822.
	90%	= 5505.8	25%	= 12128.	1%	= 19128.
5	MEAN	= 8987.1	S.D.	= 3029.1	P(N>=r)	= .11875
	99%	= 2832.5	75%	= 6870.6	10%	= 12800.
	95%	= 4010.9	50%	= 8995.6	5%	= 14003.
	90%	= 4958.0	25%	= 10962.	1%	= 16595.
6	MEAN	= 8259.2	S.D.	= 2741.7	P(N>=r)	= .11875
	99%	= 2581.9	75%	= 6336.8	10%	= 11696.
	95%	= 3655.6	50%	= 8326.2	5%	= 12716.
	90%	= 4539.1	25%	= 10102.	1%	= 14860.
7	MEAN	= 7689.6	S.D.	= 2531.3	P(N>=r)	= .11875
	99%	= 2378.9	75%	= 5909.6	10%	= 10850.
	95%	= 3371.1	50%	= 7793.8	5%	= 11740.
	90%	= 4204.3	25%	= 9430.0	1%	= 13578.
8	MEAN	= 7226.6	S.D.	= 2368.8	P(N>=r)	= .11875
	99%	= 2209.7	75%	= 5556.8	10%	= 10173.
	95%	= 3136.1	50%	= 7355.7	5%	= 10967.
	90%	= 3928.3	25%	= 8884.6	1%	= 12581.
9	MEAN	= 6839.7	S.D.	= 2238.1	P(N>=r)	= .11875
	99%	= 2065.7	75%	= 5258.3	10%	= 9614.1
	95%	= 2937.6	50%	= 6985.7	5%	= 10333.
	90%	= 3695.2	25%	= 8429.3	1%	= 11776.
10	MEAN	= 6509.4	S.D.	= 2130.1	P(N>=r)	= .11875
	99%	= 1941.0	75%	= 5000.9	10%	= 9141.9
	95%	= 2766.8	50%	= 6667.3	5%	= 9801.2
	90%	= 3494.7	25%	= 8040.8	1%	= 11109.
11	MEAN	= 6222.6	S.D.	= 2038.6	P(N>=r)	= .11875
	99%	= 1831.5	75%	= 4775.6	10%	= 8735.4
	95%	= 2617.7	50%	= 6386.8	5%	= 9345.6
	90%	= 3319.7	25%	= 7703.8	1%	= 10544.
12	MEAN	= 5970.4	S.D.	= 1959.8	P(N>=r)	= .11875
	99%	= 1734.4	75%	= 4576.1	10%	= 8380.4
	95%	= 2486.1	50%	= 6138.4	5%	= 8949.5
	90%	= 3165.1	25%	= 7407.5	1%	= 10057.
13	MEAN	= 5746.1	S.D.	= 1891.0	P(N>=r)	= .11875
	99%	= 1647.5	75%	= 4397.8	10%	= 8066.5
	95%	= 2368.8	50%	= 5916.4	5%	= 8600.6
	90%	= 3027.2	25%	= 7143.8	1%	= 9631.5
14	MEAN	= 5544.7	S.D.	= 1830.1	P(N>=r)	= .11875
	99%	= 1569.2	75%	= 4237.3	10%	= 7786.2
	95%	= 2263.5	50%	= 5716.6	5%	= 8290.1
	90%	= 2903.2	25%	= 6907.1	1%	= 9255.5
15	MEAN	= 5362.4	S.D.	= 1775.7	P(N>=r)	= .11875

	99%	= 1498.2	75%	= 4091.9	10%	= 7533.6
	95%	= 2168.4	50%	= 5535.5	5%	= 8011.3
	90%	= 2791.3	25%	= 6692.9	1%	= 8919.8
16	MEAN	= 5196.4	S.D.	= 1726.6	P(N>=r)	= .11875
	99%	= 1433.7	75%	= 3959.6	10%	= 7304.5
	95%	= 2082.1	50%	= 5370.6	5%	= 7758.9
	90%	= 2689.5	25%	= 6497.2	1%	= 8617.7
17	MEAN	= 5044.2	S.D.	= 1682.0	P(N>=r)	= .11875
	99%	= 1374.7	75%	= 3838.7	10%	= 7095.1
	95%	= 2003.4	50%	= 5219.7	5%	= 7528.9
	90%	= 2596.6	25%	= 6318.4	1%	= 8343.9
18	MEAN	= 4904.0	S.D.	= 1641.3	P(N>=r)	= .11875
	99%	= 1320.5	75%	= 3727.5	10%	= 6902.9
	95%	= 1931.2	50%	= 5080.9	5%	= 7318.2
	90%	= 2511.3	25%	= 6154.5	1%	= 8094.1
19	MEAN	= 4774.2	S.D.	= 1603.8	P(N>=r)	= .11875
	99%	= 1270.6	75%	= 3624.8	10%	= 6725.4
	95%	= 1864.7	50%	= 4952.5	5%	= 7124.1
	90%	= 2432.7	25%	= 6003.4	1%	= 7864.9
20	MEAN	= 4653.6	S.D.	= 1569.2	P(N>=r)	= .11875
	99%	= 1224.4	75%	= 3529.4	10%	= 6562.9
	95%	= 1803.0	50%	= 4833.1	5%	= 6944.5
	90%	= 2359.7	25%	= 5863.2	1%	= 7653.7
21	MEAN	= 4541.0	S.D.	= 1537.1	P(N>=r)	= .11875
	99%	= 1181.3	75%	= 3440.2	10%	= 6413.9
	95%	= 1745.5	50%	= 4721.6	5%	= 6777.6
	90%	= 2291.6	25%	= 5732.2	1%	= 7458.1
22	MEAN	= 4435.7	S.D.	= 1507.2	P(N>=r)	= .11875
	99%	= 1140.4	75%	= 3356.4	10%	= 6273.9
	95%	= 1691.7	50%	= 4616.7	5%	= 6622.8
	90%	= 2227.7	25%	= 5609.2	1%	= 7276.3
23	MEAN	= 4336.8	S.D.	= 1479.2	P(N>=r)	= .11875
	99%	= 1101.8	75%	= 3277.3	10%	= 6141.7
	95%	= 1641.0	50%	= 4517.7	5%	= 6481.2
	90%	= 2167.5	25%	= 5493.2	1%	= 7106.7
24	MEAN	= 4243.8	S.D.	= 1453.0	P(N>=r)	= .11875
	99%	= 1065.4	75%	= 3202.5	10%	= 6016.4
	95%	= 1593.2	50%	= 4423.9	5%	= 6346.8
	90%	= 2110.7	25%	= 5383.5	1%	= 6948.0
25	MEAN	= 4155.9	S.D.	= 1428.3	P(N>=r)	= .11875
	99%	= 1031.0	75%	= 3131.6	10%	= 5897.5
	95%	= 1548.0	50%	= 4334.9	5%	= 6218.6
	90%	= 2056.8	25%	= 5279.4	1%	= 6799.0
26	MEAN	= 4072.8	S.D.	= 1405.0	P(N>=r)	= .11875
	99%	= 998.45	75%	= 3064.3	10%	= 5784.5
	95%	= 1505.3	50%	= 4250.3	5%	= 6096.6
	90%	= 2005.8	25%	= 5180.5	1%	= 6658.6
27	MEAN	= 3994.0	S.D.	= 1382.9	P(N>=r)	= .11875

	99%	= 967.66	75%	= 3000.3	10%	= 5677.1
	95%	= 1464.7	50%	= 4169.8	5%	= 5980.5
	90%	= 1957.4	25%	= 5086.5	1%	= 6522.1
28	MEAN	= 3919.2	S.D.	= 1362.0	P(N>=r)	= .11875
	99%	= 938.44	75%	= 2939.4	10%	= 5575.2
	95%	= 1426.2	50%	= 4093.2	5%	= 5870.2
	90%	= 1911.4	25%	= 4997.1	1%	= 6391.0
29	MEAN	= 3848.0	S.D.	= 1342.2	P(N>=r)	= .11875
	99%	= 910.68	75%	= 2881.5	10%	= 5478.3
	95%	= 1389.7	50%	= 4020.2	5%	= 5765.5
	90%	= 1867.7	25%	= 4912.1	1%	= 6267.2
30	MEAN	= 3780.1	S.D.	= 1323.3	P(N>=r)	= .11875
	99%	= 884.24	75%	= 2826.3	10%	= 5386.1
	95%	= 1355.0	50%	= 3950.7	5%	= 5666.1
	90%	= 1826.1	25%	= 4831.0	1%	= 6150.6
31	MEAN	= 3715.3	S.D.	= 1305.3	P(N>=r)	= .11875
	99%	= 859.04	75%	= 2773.6	10%	= 5298.3
	95%	= 1322.0	50%	= 3884.2	5%	= 5571.6
	90%	= 1786.4	25%	= 4753.6	1%	= 6041.0
32	MEAN	= 3653.4	S.D.	= 1288.1	P(N>=r)	= .11875
	99%	= 834.98	75%	= 2723.3	10%	= 5214.6
	95%	= 1290.4	50%	= 3820.7	5%	= 5481.7
	90%	= 1748.6	25%	= 4679.7	1%	= 5937.6
33	MEAN	= 3594.0	S.D.	= 1271.6	P(N>=r)	= .11875
	99%	= 811.98	75%	= 2675.2	10%	= 5134.6
	95%	= 1260.3	50%	= 3759.9	5%	= 5395.9
	90%	= 1712.4	25%	= 4608.9	1%	= 5839.8
34	MEAN	= 3537.1	S.D.	= 1255.8	P(N>=r)	= .11875
	99%	= 789.96	75%	= 2629.0	10%	= 5058.1
	95%	= 1231.5	50%	= 3701.6	5%	= 5314.0
	90%	= 1677.8	25%	= 4541.1	1%	= 5746.9
35	MEAN	= 3482.5	S.D.	= 1240.7	P(N>=r)	= .11875
	99%	= 768.85	75%	= 2584.8	10%	= 4984.7
	95%	= 1203.9	50%	= 3645.6	5%	= 5235.5
	90%	= 1644.6	25%	= 4476.0	1%	= 5658.4
36	MEAN	= 3430.1	S.D.	= 1226.2	P(N>=r)	= .11875
	99%	= 748.61	75%	= 2542.2	10%	= 4914.3
	95%	= 1177.5	50%	= 3591.7	5%	= 5160.2
	90%	= 1612.8	25%	= 4413.5	1%	= 5573.8
37	MEAN	= 3379.6	S.D.	= 1212.2	P(N>=r)	= .11875
	99%	= 729.16	75%	= 2501.3	10%	= 4846.6
	95%	= 1152.1	50%	= 3539.9	5%	= 5087.9
	90%	= 1582.1	25%	= 4353.3	1%	= 5492.8
38	MEAN	= 3331.0	S.D.	= 1198.8	P(N>=r)	= .11875
	99%	= 710.46	75%	= 2461.9	10%	= 4781.4
	95%	= 1127.7	50%	= 3490.0	5%	= 5018.4
	90%	= 1552.7	25%	= 4295.3	1%	= 5415.0
39	MEAN	= 3284.1	S.D.	= 1185.8	P(N>=r)	= .11875

	99%	= 692.47	75%	= 2423.9	10%	= 4718.7
	95%	= 1104.2	50%	= 3441.8	5%	= 4951.4
	90%	= 1524.3	25%	= 4239.3	1%	= 5340.2
40	MEAN	= 3238.8	S.D.	= 1173.3	P(N>=r)	= .11875
	99%	= 675.14	75%	= 2387.3	10%	= 4658.1
	95%	= 1081.6	50%	= 3395.3	5%	= 4886.9
	90%	= 1497.0	25%	= 4185.3	1%	= 5268.3
41	MEAN	= 3195.2	S.D.	= 1161.2	P(N>=r)	= .11875
	99%	= 658.43	75%	= 2351.9	10%	= 4599.7
	95%	= 1059.7	50%	= 3350.4	5%	= 4824.6
	90%	= 1470.6	25%	= 4133.1	1%	= 5198.9
42	MEAN	= 3152.9	S.D.	= 1149.5	P(N>=r)	= .11875
	99%	= 642.31	75%	= 2317.7	10%	= 4543.2
	95%	= 1038.7	50%	= 3306.9	5%	= 4764.5
	90%	= 1445.1	25%	= 4082.7	1%	= 5131.9
43	MEAN	= 3112.1	S.D.	= 1138.2	P(N>=r)	= .11875
	99%	= 626.75	75%	= 2284.6	10%	= 4488.6
	95%	= 1018.4	50%	= 3264.9	5%	= 4706.3
	90%	= 1420.5	25%	= 4033.8	1%	= 5067.3
44	MEAN	= 3072.6	S.D.	= 1127.3	P(N>=r)	= .11875
	99%	= 611.71	75%	= 2252.5	10%	= 4435.8
	95%	= 998.71	50%	= 3224.1	5%	= 4650.1
	90%	= 1396.7	25%	= 3986.5	1%	= 5004.8
45	MEAN	= 3034.3	S.D.	= 1116.7	P(N>=r)	= .11875
	99%	= 597.16	75%	= 2221.5	10%	= 4384.6
	95%	= 979.71	50%	= 3184.6	5%	= 4595.7
	90%	= 1373.7	25%	= 3940.7	1%	= 4944.3
46	MEAN	= 2997.1	S.D.	= 1106.4	P(N>=r)	= .11875
	99%	= 583.08	75%	= 2191.4	10%	= 4334.9
	95%	= 961.32	50%	= 3146.3	5%	= 4542.9
	90%	= 1351.4	25%	= 3896.2	1%	= 4885.8
47	MEAN	= 2961.1	S.D.	= 1096.4	P(N>=r)	= .11875
	99%	= 569.46	75%	= 2162.2	10%	= 4286.8
	95%	= 943.51	50%	= 3109.2	5%	= 4491.8
	90%	= 1329.7	25%	= 3853.0	1%	= 4829.1
48	MEAN	= 2926.1	S.D.	= 1086.7	P(N>=r)	= .11875
	99%	= 556.25	75%	= 2133.9	10%	= 4240.1
	95%	= 926.25	50%	= 3073.1	5%	= 4442.2
	90%	= 1308.8	25%	= 3811.1	1%	= 4774.1
49	MEAN	= 2892.1	S.D.	= 1077.3	P(N>=r)	= .11875
	99%	= 543.44	75%	= 2106.4	10%	= 4194.8
	95%	= 909.51	50%	= 3038.0	5%	= 4394.1
	90%	= 1288.4	25%	= 3770.4	1%	= 4720.8
50	MEAN	= 2859.1	S.D.	= 1068.2	P(N>=r)	= .11875
	99%	= 531.02	75%	= 2079.7	10%	= 4150.7
	95%	= 893.27	50%	= 3003.9	5%	= 4347.3
	90%	= 1268.7	25%	= 3730.8	1%	= 4669.1
51	MEAN	= 2827.0	S.D.	= 1059.3	P(N>=r)	= .11875

	99%	= 518.96	75%	= 2053.7	10%	= 4107.8
	95%	= 877.50	50%	= 2970.7	5%	= 4301.9
	90%	= 1249.5	25%	= 3692.2	1%	= 4618.8
52	MEAN	= 2795.8	S.D.	= 1050.6	P(N>=r)	= .11875
	99%	= 507.25	75%	= 2028.4	10%	= 4066.2
	95%	= 862.19	50%	= 2938.4	5%	= 4257.6
	90%	= 1230.8	25%	= 3654.7	1%	= 4570.0
53	MEAN	= 2765.4	S.D.	= 1042.1	P(N>=r)	= .11875
	99%	= 495.87	75%	= 2003.8	10%	= 4025.6
	95%	= 847.30	50%	= 2906.9	5%	= 4214.6
	90%	= 1212.7	25%	= 3618.2	1%	= 4522.5
54	MEAN	= 2735.8	S.D.	= 1033.9	P(N>=r)	= .11875
	99%	= 484.81	75%	= 1979.8	10%	= 3986.1
	95%	= 832.83	50%	= 2876.3	5%	= 4172.8
	90%	= 1195.0	25%	= 3582.6	1%	= 4476.3
55	MEAN	= 2706.9	S.D.	= 1025.9	P(N>=r)	= .11875
	99%	= 474.05	75%	= 1956.5	10%	= 3947.6
	95%	= 818.75	50%	= 2846.4	5%	= 4132.0
	90%	= 1177.8	25%	= 3547.9	1%	= 4431.3
56	MEAN	= 2678.8	S.D.	= 1018.1	P(N>=r)	= .11875
	99%	= 463.58	75%	= 1933.7	10%	= 3910.0
	95%	= 805.04	50%	= 2817.3	5%	= 4092.2
	90%	= 1161.1	25%	= 3514.0	1%	= 4387.5
57	MEAN	= 2651.3	S.D.	= 1010.4	P(N>=r)	= .11875
	99%	= 453.38	75%	= 1911.5	10%	= 3873.4
	95%	= 791.69	50%	= 2788.9	5%	= 4053.5
	90%	= 1144.8	25%	= 3481.0	1%	= 4344.8
58	MEAN	= 2624.6	S.D.	= 1003.0	P(N>=r)	= .11875
	99%	= 443.45	75%	= 1889.9	10%	= 3837.7
	95%	= 778.69	50%	= 2761.2	5%	= 4015.7
	90%	= 1128.9	25%	= 3448.8	1%	= 4303.2
59	MEAN	= 2598.4	S.D.	= 995.71	P(N>=r)	= .11875
	99%	= 433.78	75%	= 1868.8	10%	= 3802.9
	95%	= 766.02	50%	= 2734.1	5%	= 3978.8
	90%	= 1113.4	25%	= 3417.3	1%	= 4262.6
60	MEAN	= 2572.9	S.D.	= 988.60	P(N>=r)	= .11875
	99%	= 424.34	75%	= 1848.2	10%	= 3768.8
	95%	= 753.66	50%	= 2707.7	5%	= 3942.8
	90%	= 1098.3	25%	= 3386.5	1%	= 4223.0
61	MEAN	= 2548.0	S.D.	= 981.64	P(N>=r)	= .11875
	99%	= 415.14	75%	= 1828.0	10%	= 3735.6
	95%	= 741.61	50%	= 2681.8	5%	= 3907.7
	90%	= 1083.5	25%	= 3356.5	1%	= 4184.4
62	MEAN	= 2523.6	S.D.	= 974.84	P(N>=r)	= .11875
	99%	= 406.17	75%	= 1808.3	10%	= 3703.1
	95%	= 729.85	50%	= 2656.5	5%	= 3873.3
	90%	= 1069.1	25%	= 3327.1	1%	= 4146.6
63	MEAN	= 2499.8	S.D.	= 968.19	P(N>=r)	= .11875

	99%	= 397.41	75%	= 1789.1	10%	= 3671.3
	95%	= 718.37	50%	= 2631.8	5%	= 3839.8
	90%	= 1055.0	25%	= 3298.3	1%	= 4109.8
64	MEAN	= 2476.5	S.D.	= 961.68	P(N>=r)	= .11875
	99%	= 388.85	75%	= 1770.3	10%	= 3640.3
	95%	= 707.16	50%	= 2607.7	5%	= 3807.0
	90%	= 1041.3	25%	= 3270.2	1%	= 4073.7
65	MEAN	= 2453.7	S.D.	= 955.31	P(N>=r)	= .11875
	99%	= 380.50	75%	= 1751.9	10%	= 3609.9
	95%	= 696.21	50%	= 2584.0	5%	= 3774.9
	90%	= 1027.8	25%	= 3242.7	1%	= 4038.5
66	MEAN	= 2431.4	S.D.	= 949.06	P(N>=r)	= .11875
	99%	= 372.34	75%	= 1733.9	10%	= 3580.1
	95%	= 685.51	50%	= 2560.9	5%	= 3743.5
	90%	= 1014.7	25%	= 3215.7	1%	= 4004.1
67	MEAN	= 2409.6	S.D.	= 942.95	P(N>=r)	= .11875
	99%	= 364.36	75%	= 1716.3	10%	= 3551.0
	95%	= 675.05	50%	= 2538.2	5%	= 3712.7
	90%	= 1001.9	25%	= 3189.3	1%	= 3970.4
68	MEAN	= 2388.2	S.D.	= 936.96	P(N>=r)	= .11875
	99%	= 356.56	75%	= 1699.0	10%	= 3522.5
	95%	= 664.82	50%	= 2516.0	5%	= 3682.6
	90%	= 989.29	25%	= 3163.5	1%	= 3937.4
69	MEAN	= 2367.3	S.D.	= 931.09	P(N>=r)	= .11875
	99%	= 348.93	75%	= 1682.2	10%	= 3494.6
	95%	= 654.82	50%	= 2494.3	5%	= 3653.2
	90%	= 976.99	25%	= 3138.1	1%	= 3905.2
70	MEAN	= 2346.8	S.D.	= 925.33	P(N>=r)	= .11875
	99%	= 341.46	75%	= 1665.6	10%	= 3467.2
	95%	= 645.03	50%	= 2472.9	5%	= 3624.3
	90%	= 964.95	25%	= 3113.3	1%	= 3873.6
71	MEAN	= 2326.7	S.D.	= 919.68	P(N>=r)	= .11875
	99%	= 334.16	75%	= 1649.4	10%	= 3440.4
	95%	= 635.45	50%	= 2452.1	5%	= 3596.0
	90%	= 953.16	25%	= 3089.0	1%	= 3842.6
72	MEAN	= 2307.0	S.D.	= 914.14	P(N>=r)	= .11875
	99%	= 327.00	75%	= 1633.5	10%	= 3414.1
	95%	= 626.07	50%	= 2431.6	5%	= 3568.3
	90%	= 941.61	25%	= 3065.1	1%	= 3812.3
73	MEAN	= 2287.6	S.D.	= 908.70	P(N>=r)	= .11875
	99%	= 320.00	75%	= 1617.9	10%	= 3388.3
	95%	= 616.88	50%	= 2411.5	5%	= 3541.1
	90%	= 930.29	25%	= 3041.6	1%	= 3782.6
74	MEAN	= 2268.7	S.D.	= 903.36	P(N>=r)	= .11875
	99%	= 313.14	75%	= 1602.7	10%	= 3363.0
	95%	= 607.89	50%	= 2391.8	5%	= 3514.5
	90%	= 919.21	25%	= 3018.7	1%	= 3753.4
75	MEAN	= 2250.1	S.D.	= 898.12	P(N>=r)	= .11875

	99%	= 306.42	75%	= 1587.7	10%	= 3338.2
	95%	= 599.07	50%	= 2372.4	5%	= 3488.3
	90%	= 908.34	25%	= 2996.1	1%	= 3724.8
76	MEAN	= 2231.8	S.D.	= 892.97	P(N>=r)	= .11875
	99%	= 299.83	75%	= 1573.0	10%	= 3313.9
	95%	= 590.43	50%	= 2353.4	5%	= 3462.6
	90%	= 897.68	25%	= 2973.9	1%	= 3696.8
77	MEAN	= 2213.9	S.D.	= 887.92	P(N>=r)	= .11875
	99%	= 293.37	75%	= 1558.5	10%	= 3289.9
	95%	= 581.97	50%	= 2334.8	5%	= 3437.5
	90%	= 887.23	25%	= 2952.2	1%	= 3669.3
78	MEAN	= 2196.3	S.D.	= 882.95	P(N>=r)	= .11875
	99%	= 287.03	75%	= 1544.4	10%	= 3266.5
	95%	= 573.66	50%	= 2316.5	5%	= 3412.7
	90%	= 876.97	25%	= 2930.8	1%	= 3642.3
79	MEAN	= 2179.0	S.D.	= 878.07	P(N>=r)	= .11875
	99%	= 280.82	75%	= 1530.5	10%	= 3243.4
	95%	= 565.52	50%	= 2298.5	5%	= 3388.4
	90%	= 866.91	25%	= 2909.8	1%	= 3615.9
80	MEAN	= 2162.0	S.D.	= 873.27	P(N>=r)	= .11875
	99%	= 274.72	75%	= 1516.8	10%	= 3220.7
	95%	= 557.53	50%	= 2280.8	5%	= 3364.6
	90%	= 857.04	25%	= 2889.2	1%	= 3589.9
81	MEAN	= 2145.4	S.D.	= 868.55	P(N>=r)	= .11875
	99%	= 268.74	75%	= 1503.4	10%	= 3198.5
	95%	= 549.69	50%	= 2263.4	5%	= 3341.2
	90%	= 847.35	25%	= 2868.9	1%	= 3564.3
82	MEAN	= 2129.0	S.D.	= 863.91	P(N>=r)	= .11875
	99%	= 262.86	75%	= 1490.2	10%	= 3176.6
	95%	= 541.99	50%	= 2246.4	5%	= 3318.2
	90%	= 837.83	25%	= 2849.0	1%	= 3539.2
83	MEAN	= 2112.9	S.D.	= 859.34	P(N>=r)	= .11875
	99%	= 257.10	75%	= 1477.3	10%	= 3155.1
	95%	= 534.44	50%	= 2229.6	5%	= 3295.5
	90%	= 828.49	25%	= 2829.4	1%	= 3514.6
84	MEAN	= 2097.0	S.D.	= 854.85	P(N>=r)	= .11875
	99%	= 251.43	75%	= 1464.6	10%	= 3133.9
	95%	= 527.03	50%	= 2213.1	5%	= 3273.3
	90%	= 819.31	25%	= 2810.1	1%	= 3490.4
85	MEAN	= 2081.5	S.D.	= 850.43	P(N>=r)	= .11875
	99%	= 245.86	75%	= 1452.0	10%	= 3113.1
	95%	= 519.74	50%	= 2196.9	5%	= 3251.4
	90%	= 810.29	25%	= 2791.2	1%	= 3466.6
86	MEAN	= 2066.1	S.D.	= 846.08	P(N>=r)	= .11875
	99%	= 240.39	75%	= 1439.7	10%	= 3092.7
	95%	= 512.59	50%	= 2180.9	5%	= 3229.9
	90%	= 801.42	25%	= 2772.5	1%	= 3443.2
87	MEAN	= 2051.1	S.D.	= 841.80	P(N>=r)	= .11875

	99%	= 235.01	75%	= 1427.6	10%	= 3072.6
	95%	= 505.56	50%	= 2165.2	5%	= 3208.8
	90%	= 792.71	25%	= 2754.2	1%	= 3420.2
88	MEAN	= 2036.3	S.D.	= 837.59	P(N>=r)	= .11875
	99%	= 229.73	75%	= 1415.7	10%	= 3052.8
	95%	= 498.66	50%	= 2149.8	5%	= 3188.0
	90%	= 784.15	25%	= 2736.1	1%	= 3397.5
89	MEAN	= 2021.7	S.D.	= 833.43	P(N>=r)	= .11875
	99%	= 224.53	75%	= 1404.0	10%	= 3033.3
	95%	= 491.87	50%	= 2134.6	5%	= 3167.5
	90%	= 775.73	25%	= 2718.3	1%	= 3375.3
90	MEAN	= 2007.3	S.D.	= 829.35	P(N>=r)	= .11875
	99%	= 219.41	75%	= 1392.5	10%	= 3014.1
	95%	= 485.20	50%	= 2119.6	5%	= 3147.3
	90%	= 767.45	25%	= 2700.8	1%	= 3353.4
91	MEAN	= 1993.2	S.D.	= 825.32	P(N>=r)	= .11875
	99%	= 214.38	75%	= 1381.2	10%	= 2995.2
	95%	= 478.64	50%	= 2104.9	5%	= 3127.5
	90%	= 759.31	25%	= 2683.6	1%	= 3331.8
92	MEAN	= 1979.3	S.D.	= 821.35	P(N>=r)	= .11875
	99%	= 209.43	75%	= 1370.0	10%	= 2976.6
	95%	= 472.18	50%	= 2090.4	5%	= 3108.0
	90%	= 751.30	25%	= 2666.6	1%	= 3310.6
93	MEAN	= 1965.6	S.D.	= 817.44	P(N>=r)	= .11875
	99%	= 204.56	75%	= 1359.0	10%	= 2958.3
	95%	= 465.84	50%	= 2076.1	5%	= 3088.7
	90%	= 743.42	25%	= 2649.9	1%	= 3289.7
94	MEAN	= 1952.1	S.D.	= 813.59	P(N>=r)	= .11875
	99%	= 199.76	75%	= 1348.2	10%	= 2940.3
	95%	= 459.60	50%	= 2062.0	5%	= 3069.8
	90%	= 735.67	25%	= 2633.4	1%	= 3269.1
95	MEAN	= 1938.8	S.D.	= 809.79	P(N>=r)	= .11875
	99%	= 195.03	75%	= 1337.6	10%	= 2922.5
	95%	= 453.46	50%	= 2048.2	5%	= 3051.1
	90%	= 728.03	25%	= 2617.2	1%	= 3248.9
96	MEAN	= 1925.7	S.D.	= 806.04	P(N>=r)	= .11875
	99%	= 190.37	75%	= 1327.1	10%	= 2905.0
	95%	= 447.41	50%	= 2034.5	5%	= 3032.8
	90%	= 720.52	25%	= 2601.2	1%	= 3229.0
97	MEAN	= 1912.8	S.D.	= 802.35	P(N>=r)	= .11875
	99%	= 185.78	75%	= 1316.7	10%	= 2887.8
	95%	= 441.47	50%	= 2021.0	5%	= 3014.7
	90%	= 713.12	25%	= 2585.4	1%	= 3209.3
98	MEAN	= 1900.1	S.D.	= 798.71	P(N>=r)	= .11875
	99%	= 181.26	75%	= 1306.6	10%	= 2870.8
	95%	= 435.61	50%	= 2007.8	5%	= 2996.8
	90%	= 705.84	25%	= 2569.9	1%	= 3190.0
99	MEAN	= 1887.5	S.D.	= 795.12	P(N>=r)	= .11875

	99%	= 176.80	75%	= 1296.5	10%	= 2854.0
	95%	= 429.85	50%	= 1994.7	5%	= 2979.2
	90%	= 698.66	25%	= 2554.6	1%	= 3170.9
100	MEAN	= 1875.2	S.D.	= 791.58	P(N>=r)	= .11875
	99%	= 172.40	75%	= 1286.6	10%	= 2837.5
	95%	= 424.17	50%	= 1981.8	5%	= 2961.9
	90%	= 691.60	25%	= 2539.4	1%	= 3152.1
101	MEAN	= 1863.0	S.D.	= 788.08	P(N>=r)	= .11875
	99%	= 168.07	75%	= 1276.9	10%	= 2821.2
	95%	= 418.58	50%	= 1969.1	5%	= 2944.8
	90%	= 684.64	25%	= 2524.5	1%	= 3133.6
102	MEAN	= 1851.0	S.D.	= 784.64	P(N>=r)	= .11875
	99%	= 163.79	75%	= 1267.3	10%	= 2805.1
	95%	= 413.08	50%	= 1956.6	5%	= 2928.0
	90%	= 677.78	25%	= 2509.8	1%	= 3115.3
103	MEAN	= 1839.2	S.D.	= 781.24	P(N>=r)	= .11875
	99%	= 159.57	75%	= 1257.8	10%	= 2789.3
	95%	= 407.66	50%	= 1944.2	5%	= 2911.3
	90%	= 671.03	25%	= 2495.3	1%	= 3097.4
104	MEAN	= 1827.5	S.D.	= 777.88	P(N>=r)	= .11875
	99%	= 155.40	75%	= 1248.5	10%	= 2773.6
	95%	= 402.32	50%	= 1932.0	5%	= 2895.0
	90%	= 664.37	25%	= 2481.0	1%	= 3079.6
105	MEAN	= 1816.0	S.D.	= 774.56	P(N>=r)	= .11875
	99%	= 151.29	75%	= 1239.3	10%	= 2758.2
	95%	= 397.05	50%	= 1920.0	5%	= 2878.8
	90%	= 657.81	25%	= 2466.9	1%	= 3062.1
106	MEAN	= 1804.6	S.D.	= 771.29	P(N>=r)	= .11875
	99%	= 147.22	75%	= 1230.2	10%	= 2743.0
	95%	= 391.87	50%	= 1908.1	5%	= 2862.8
	90%	= 651.34	25%	= 2453.0	1%	= 3044.8
107	MEAN	= 1793.4	S.D.	= 768.06	P(N>=r)	= .11875
	99%	= 143.21	75%	= 1221.2	10%	= 2728.0
	95%	= 386.77	50%	= 1896.4	5%	= 2847.1
	90%	= 644.97	25%	= 2439.3	1%	= 3027.8
108	MEAN	= 1782.3	S.D.	= 764.87	P(N>=r)	= .11875
	99%	= 139.25	75%	= 1212.4	10%	= 2713.2
	95%	= 381.74	50%	= 1884.9	5%	= 2831.6
	90%	= 638.69	25%	= 2425.7	1%	= 3011.0
109	MEAN	= 1771.4	S.D.	= 761.72	P(N>=r)	= .11875
	99%	= 135.35	75%	= 1203.7	10%	= 2698.5
	95%	= 376.79	50%	= 1873.5	5%	= 2816.2
	90%	= 632.50	25%	= 2412.3	1%	= 2994.4
110	MEAN	= 1760.6	S.D.	= 758.60	P(N>=r)	= .11875
	99%	= 131.49	75%	= 1195.1	10%	= 2684.1
	95%	= 371.92	50%	= 1862.2	5%	= 2801.1
	90%	= 626.41	25%	= 2399.1	1%	= 2978.1
111	MEAN	= 1750.0	S.D.	= 755.52	P(N>=r)	= .11875

	99%	= 127.68	75%	= 1186.6	10%	= 2669.8
	95%	= 367.12	50%	= 1851.1	5%	= 2786.2
	90%	= 620.41	25%	= 2386.0	1%	= 2962.0
112	MEAN	= 1739.5	S.D.	= 752.47	P(N>=r)	= .11874
	99%	= 123.93	75%	= 1178.3	10%	= 2655.8
	95%	= 362.41	50%	= 1840.1	5%	= 2771.5
	90%	= 614.50	25%	= 2373.1	1%	= 2946.0
113	MEAN	= 1729.2	S.D.	= 749.46	P(N>=r)	= .11874
	99%	= 120.23	75%	= 1170.0	10%	= 2641.9
	95%	= 357.79	50%	= 1829.3	5%	= 2756.9
	90%	= 608.68	25%	= 2360.4	1%	= 2930.3
114	MEAN	= 1718.9	S.D.	= 746.47	P(N>=r)	= .11874
	99%	= 116.59	75%	= 1161.9	10%	= 2628.2
	95%	= 353.25	50%	= 1818.6	5%	= 2742.5
	90%	= 602.97	25%	= 2347.8	1%	= 2914.8
115	MEAN	= 1708.9	S.D.	= 743.51	P(N>=r)	= .11874
	99%	= 113.02	75%	= 1153.9	10%	= 2614.6
	95%	= 348.81	50%	= 1808.1	5%	= 2728.3
	90%	= 597.36	25%	= 2335.4	1%	= 2899.4
116	MEAN	= 1698.9	S.D.	= 740.57	P(N>=r)	= .11873
	99%	= 109.52	75%	= 1146.0	10%	= 2601.2
	95%	= 344.48	50%	= 1797.7	5%	= 2714.3
	90%	= 591.86	25%	= 2323.2	1%	= 2884.3
117	MEAN	= 1689.1	S.D.	= 737.65	P(N>=r)	= .11873
	99%	= 106.10	75%	= 1138.3	10%	= 2588.0
	95%	= 340.26	50%	= 1787.4	5%	= 2700.5
	90%	= 586.47	25%	= 2311.1	1%	= 2869.4
118	MEAN	= 1679.5	S.D.	= 734.74	P(N>=r)	= .11872
	99%	= 102.77	75%	= 1130.6	10%	= 2574.9
	95%	= 336.17	50%	= 1777.3	5%	= 2686.8
	90%	= 581.21	25%	= 2299.1	1%	= 2854.6
119	MEAN	= 1670.0	S.D.	= 731.85	P(N>=r)	= .11871
	99%	= 99.540	75%	= 1123.1	10%	= 2562.0
	95%	= 332.21	50%	= 1767.3	5%	= 2673.3
	90%	= 576.08	25%	= 2287.3	1%	= 2840.0
120	MEAN	= 1660.6	S.D.	= 728.96	P(N>=r)	= .11870
	99%	= 96.393	75%	= 1115.8	10%	= 2549.3
	95%	= 328.41	50%	= 1757.5	5%	= 2659.9
	90%	= 571.09	25%	= 2275.6	1%	= 2825.6
121	MEAN	= 1651.4	S.D.	= 726.07	P(N>=r)	= .11869
	99%	= 93.346	75%	= 1108.6	10%	= 2536.7
	95%	= 324.77	50%	= 1747.8	5%	= 2646.8
	90%	= 566.26	25%	= 2264.1	1%	= 2811.4
122	MEAN	= 1642.3	S.D.	= 723.17	P(N>=r)	= .11867
	99%	= 90.657	75%	= 1101.5	10%	= 2524.3
	95%	= 321.31	50%	= 1738.2	5%	= 2633.7
	90%	= 561.60	25%	= 2252.7	1%	= 2797.3
123	MEAN	= 1633.4	S.D.	= 720.26	P(N>=r)	= .11865

	99%	= 88.040	75%	= 1094.6	10%	= 2512.0
	95%	= 318.06	50%	= 1728.8	5%	= 2620.9
	90%	= 557.11	25%	= 2241.5	1%	= 2783.4
124	MEAN	= 1624.6	S.D.	= 717.34	P(N>=r)	= .11862
	99%	= 85.489	75%	= 1087.8	10%	= 2499.8
	95%	= 315.01	50%	= 1719.6	5%	= 2608.2
	90%	= 552.81	25%	= 2230.4	1%	= 2769.7
125	MEAN	= 1616.0	S.D.	= 714.40	P(N>=r)	= .11859
	99%	= 83.175	75%	= 1081.2	10%	= 2487.8
	95%	= 312.19	50%	= 1710.4	5%	= 2595.6
	90%	= 548.71	25%	= 2219.5	1%	= 2756.2
126	MEAN	= 1607.6	S.D.	= 711.43	P(N>=r)	= .11856
	99%	= 81.093	75%	= 1074.8	10%	= 2476.0
	95%	= 309.61	50%	= 1701.5	5%	= 2583.2
	90%	= 544.82	25%	= 2208.7	1%	= 2742.7
127	MEAN	= 1599.3	S.D.	= 708.44	P(N>=r)	= .11852
	99%	= 79.246	75%	= 1068.6	10%	= 2464.2
	95%	= 307.27	50%	= 1692.7	5%	= 2570.9
	90%	= 541.14	25%	= 2198.0	1%	= 2729.5
128	MEAN	= 1591.2	S.D.	= 705.42	P(N>=r)	= .11848
	99%	= 77.653	75%	= 1062.5	10%	= 2452.7
	95%	= 305.18	50%	= 1684.0	5%	= 2558.8
	90%	= 537.68	25%	= 2187.5	1%	= 2716.4
129	MEAN	= 1583.3	S.D.	= 702.37	P(N>=r)	= .11843
	99%	= 76.328	75%	= 1056.6	10%	= 2441.2
	95%	= 303.34	50%	= 1675.5	5%	= 2546.8
	90%	= 534.43	25%	= 2177.1	1%	= 2703.5
130	MEAN	= 1575.5	S.D.	= 699.28	P(N>=r)	= .11837
	99%	= 75.287	75%	= 1050.8	10%	= 2429.9
	95%	= 301.73	50%	= 1667.1	5%	= 2534.9
	90%	= 531.39	25%	= 2166.9	1%	= 2690.7
131	MEAN	= 1567.9	S.D.	= 696.17	P(N>=r)	= .11831
	99%	= 74.542	75%	= 1045.3	10%	= 2418.7
	95%	= 300.36	50%	= 1658.9	5%	= 2523.2
	90%	= 528.55	25%	= 2156.7	1%	= 2678.0
132	MEAN	= 1560.4	S.D.	= 693.04	P(N>=r)	= .11825
	99%	= 74.102	75%	= 1039.8	10%	= 2407.7
	95%	= 299.20	50%	= 1650.8	5%	= 2511.6
	90%	= 525.91	25%	= 2146.7	1%	= 2665.5
133	MEAN	= 1553.0	S.D.	= 689.88	P(N>=r)	= .11818
	99%	= 73.970	75%	= 1034.6	10%	= 2396.7
	95%	= 298.23	50%	= 1642.8	5%	= 2500.1
	90%	= 523.43	25%	= 2136.9	1%	= 2653.2
134	MEAN	= 1545.8	S.D.	= 686.71	P(N>=r)	= .11811
	99%	= 74.142	75%	= 1029.4	10%	= 2385.9
	95%	= 297.43	50%	= 1635.0	5%	= 2488.8
	90%	= 521.11	25%	= 2127.1	1%	= 2640.9
135	MEAN	= 1538.7	S.D.	= 683.54	P(N>=r)	= .11803

	99%	= 74.605	75%	= 1024.4	10%	= 2375.3
	95%	= 296.78	50%	= 1627.2	5%	= 2477.6
	90%	= 518.92	25%	= 2117.5	1%	= 2628.8
136	MEAN	= 1531.8	S.D.	= 680.36	P(N>=r)	= .11795
	99%	= 75.332	75%	= 1019.5	10%	= 2364.7
	95%	= 296.23	50%	= 1619.6	5%	= 2466.5
	90%	= 516.84	25%	= 2107.9	1%	= 2616.9
137	MEAN	= 1524.9	S.D.	= 677.19	P(N>=r)	= .11787
	99%	= 76.283	75%	= 1014.6	10%	= 2354.2
	95%	= 295.76	50%	= 1612.1	5%	= 2455.5
	90%	= 514.84	25%	= 2098.5	1%	= 2605.0
138	MEAN	= 1518.1	S.D.	= 674.04	P(N>=r)	= .11779
	99%	= 77.409	75%	= 1009.9	10%	= 2343.9
	95%	= 295.34	50%	= 1604.6	5%	= 2444.7
	90%	= 512.90	25%	= 2089.2	1%	= 2593.3
139	MEAN	= 1511.4	S.D.	= 670.91	P(N>=r)	= .11770
	99%	= 78.652	75%	= 1005.2	10%	= 2333.6
	95%	= 294.94	50%	= 1597.3	5%	= 2433.9
	90%	= 511.00	25%	= 2080.0	1%	= 2581.7
140	MEAN	= 1504.7	S.D.	= 667.81	P(N>=r)	= .11762
	99%	= 79.985	75%	= 1000.6	10%	= 2323.5
	95%	= 294.54	50%	= 1590.0	5%	= 2423.3
	90%	= 509.11	25%	= 2070.8	1%	= 2570.3
141	MEAN	= 1498.1	S.D.	= 664.75	P(N>=r)	= .11754
	99%	= 81.312	75%	= 995.95	10%	= 2313.4
	95%	= 294.10	50%	= 1582.8	5%	= 2412.8
	90%	= 507.21	25%	= 2061.8	1%	= 2558.9
142	MEAN	= 1491.6	S.D.	= 661.74	P(N>=r)	= .11746
	99%	= 82.453	75%	= 991.36	10%	= 2303.5
	95%	= 293.61	50%	= 1575.7	5%	= 2402.4
	90%	= 505.30	25%	= 2052.8	1%	= 2547.7
143	MEAN	= 1485.1	S.D.	= 658.77	P(N>=r)	= .11738
	99%	= 83.506	75%	= 986.80	10%	= 2293.7
	95%	= 293.05	50%	= 1568.6	5%	= 2392.0
	90%	= 503.35	25%	= 2044.0	1%	= 2536.6
144	MEAN	= 1478.7	S.D.	= 655.85	P(N>=r)	= .11731
	99%	= 84.586	75%	= 982.24	10%	= 2283.9
	95%	= 292.42	50%	= 1561.5	5%	= 2381.8
	90%	= 501.36	25%	= 2035.2	1%	= 2525.6
145	MEAN	= 1472.3	S.D.	= 652.99	P(N>=r)	= .11724
	99%	= 85.512	75%	= 977.69	10%	= 2274.3
	95%	= 291.70	50%	= 1554.5	5%	= 2371.7
	90%	= 499.31	25%	= 2026.5	1%	= 2514.6
146	MEAN	= 1465.9	S.D.	= 650.18	P(N>=r)	= .11717
	99%	= 86.267	75%	= 973.14	10%	= 2264.7
	95%	= 290.90	50%	= 1547.6	5%	= 2361.7
	90%	= 497.22	25%	= 2017.8	1%	= 2503.9
147	MEAN	= 1459.5	S.D.	= 647.42	P(N>=r)	= .11710

	99%	= 86.869	75%	= 968.60	10%	= 2255.2
	95%	= 290.00	50%	= 1540.7	5%	= 2351.7
	90%	= 495.07	25%	= 2009.2	1%	= 2493.2
148	MEAN	= 1453.2	S.D.	= 644.71	P(N>=r)	= .11703
	99%	= 87.332	75%	= 964.06	10%	= 2245.8
	95%	= 289.03	50%	= 1533.9	5%	= 2341.9
	90%	= 492.88	25%	= 2000.7	1%	= 2482.6
149	MEAN	= 1446.9	S.D.	= 642.06	P(N>=r)	= .11697
	99%	= 87.663	75%	= 959.53	10%	= 2236.5
	95%	= 287.98	50%	= 1527.1	5%	= 2332.2
	90%	= 490.64	25%	= 1992.3	1%	= 2472.1
150	MEAN	= 1440.7	S.D.	= 639.45	P(N>=r)	= .11691
	99%	= 87.875	75%	= 955.00	10%	= 2227.3
	95%	= 286.86	50%	= 1520.3	5%	= 2322.5
	90%	= 488.36	25%	= 1984.0	1%	= 2461.7
151	MEAN	= 1434.5	S.D.	= 636.88	P(N>=r)	= .11685
	99%	= 87.980	75%	= 950.49	10%	= 2218.1
	95%	= 285.68	50%	= 1513.6	5%	= 2312.9
	90%	= 486.05	25%	= 1975.7	1%	= 2451.4
152	MEAN	= 1428.3	S.D.	= 634.36	P(N>=r)	= .11680
	99%	= 87.993	75%	= 945.99	10%	= 2209.1
	95%	= 284.45	50%	= 1507.0	5%	= 2303.5
	90%	= 483.72	25%	= 1967.5	1%	= 2441.2
153	MEAN	= 1422.2	S.D.	= 631.88	P(N>=r)	= .11674
	99%	= 87.925	75%	= 941.52	10%	= 2200.1
	95%	= 283.18	50%	= 1500.4	5%	= 2294.1
	90%	= 481.36	25%	= 1959.4	1%	= 2431.1
154	MEAN	= 1416.1	S.D.	= 629.43	P(N>=r)	= .11669
	99%	= 87.790	75%	= 937.06	10%	= 2191.2
	95%	= 281.87	50%	= 1493.8	5%	= 2284.8
	90%	= 478.99	25%	= 1951.3	1%	= 2421.1
155	MEAN	= 1410.0	S.D.	= 627.02	P(N>=r)	= .11664
	99%	= 87.601	75%	= 932.63	10%	= 2182.4
	95%	= 280.54	50%	= 1487.3	5%	= 2275.6
	90%	= 476.62	25%	= 1943.3	1%	= 2411.2
156	MEAN	= 1404.0	S.D.	= 624.64	P(N>=r)	= .11659
	99%	= 87.367	75%	= 928.23	10%	= 2173.7
	95%	= 279.19	50%	= 1480.9	5%	= 2266.4
	90%	= 474.25	25%	= 1935.4	1%	= 2401.4
157	MEAN	= 1398.1	S.D.	= 622.28	P(N>=r)	= .11654
	99%	= 87.099	75%	= 923.86	10%	= 2165.0
	95%	= 277.84	50%	= 1474.5	5%	= 2257.4
	90%	= 471.88	25%	= 1927.5	1%	= 2391.7
158	MEAN	= 1392.2	S.D.	= 619.95	P(N>=r)	= .11649
	99%	= 86.804	75%	= 919.52	10%	= 2156.5
	95%	= 276.47	50%	= 1468.2	5%	= 2248.4
	90%	= 469.52	25%	= 1919.7	1%	= 2382.1
159	MEAN	= 1386.3	S.D.	= 617.65	P(N>=r)	= .11644

	99%	= 86.489	75%	= 915.22	10%	= 2147.9
	95%	= 275.10	50%	= 1461.9	5%	= 2239.5
	90%	= 467.17	25%	= 1912.0	1%	= 2372.5
160	MEAN	= 1380.5	S.D.	= 615.37	P(N>=r)	= .11639
	99%	= 86.160	75%	= 910.95	10%	= 2139.5
	95%	= 273.74	50%	= 1455.6	5%	= 2230.7
	90%	= 464.84	25%	= 1904.3	1%	= 2363.0
161	MEAN	= 1374.8	S.D.	= 613.11	P(N>=r)	= .11634
	99%	= 85.822	75%	= 906.72	10%	= 2131.2
	95%	= 272.38	50%	= 1449.5	5%	= 2222.0
	90%	= 462.52	25%	= 1896.8	1%	= 2353.7
162	MEAN	= 1369.0	S.D.	= 610.87	P(N>=r)	= .11629
	99%	= 85.477	75%	= 902.53	10%	= 2122.9
	95%	= 271.03	50%	= 1443.4	5%	= 2213.3
	90%	= 460.22	25%	= 1889.2	1%	= 2344.4
163	MEAN	= 1363.4	S.D.	= 608.65	P(N>=r)	= .11624
	99%	= 85.129	75%	= 898.37	10%	= 2114.7
	95%	= 269.69	50%	= 1437.3	5%	= 2204.8
	90%	= 457.94	25%	= 1881.8	1%	= 2335.2
164	MEAN	= 1357.8	S.D.	= 606.45	P(N>=r)	= .11619
	99%	= 84.779	75%	= 894.26	10%	= 2106.6
	95%	= 268.36	50%	= 1431.3	5%	= 2196.3
	90%	= 455.69	25%	= 1874.4	1%	= 2326.0
165	MEAN	= 1352.2	S.D.	= 604.27	P(N>=r)	= .11615
	99%	= 84.429	75%	= 890.18	10%	= 2098.5
	95%	= 267.05	50%	= 1425.3	5%	= 2187.8
	90%	= 453.45	25%	= 1867.1	1%	= 2317.0
166	MEAN	= 1346.7	S.D.	= 602.11	P(N>=r)	= .11610
	99%	= 84.080	75%	= 886.14	10%	= 2090.5
	95%	= 265.74	50%	= 1419.4	5%	= 2179.5
	90%	= 451.24	25%	= 1859.8	1%	= 2308.0
167	MEAN	= 1341.3	S.D.	= 599.97	P(N>=r)	= .11605
	99%	= 83.733	75%	= 882.13	10%	= 2082.6
	95%	= 264.45	50%	= 1413.6	5%	= 2171.2
	90%	= 449.04	25%	= 1852.6	1%	= 2299.1
168	MEAN	= 1335.9	S.D.	= 597.84	P(N>=r)	= .11600
	99%	= 83.389	75%	= 878.16	10%	= 2074.7
	95%	= 263.17	50%	= 1407.8	5%	= 2163.0
	90%	= 446.87	25%	= 1845.5	1%	= 2290.3
169	MEAN	= 1330.5	S.D.	= 595.73	P(N>=r)	= .11595
	99%	= 83.047	75%	= 874.23	10%	= 2066.9
	95%	= 261.90	50%	= 1402.0	5%	= 2154.8
	90%	= 444.72	25%	= 1838.4	1%	= 2281.6
170	MEAN	= 1325.2	S.D.	= 593.64	P(N>=r)	= .11591
	99%	= 82.709	75%	= 870.34	10%	= 2059.2
	95%	= 260.65	50%	= 1396.3	5%	= 2146.8
	90%	= 442.59	25%	= 1831.4	1%	= 2272.9
171	MEAN	= 1319.9	S.D.	= 591.56	P(N>=r)	= .11586

	99%	= 82.373	75%	= 866.48	10%	= 2051.5
	95%	= 259.40	50%	= 1390.7	5%	= 2138.7
	90%	= 440.48	25%	= 1824.4	1%	= 2264.4
172	MEAN	= 1314.7	S.D.	= 589.50	P(N>=r)	= .11581
	99%	= 82.041	75%	= 862.65	10%	= 2043.9
	95%	= 258.17	50%	= 1385.1	5%	= 2130.8
	90%	= 438.40	25%	= 1817.5	1%	= 2255.8
173	MEAN	= 1309.5	S.D.	= 587.46	P(N>=r)	= .11576
	99%	= 81.712	75%	= 858.86	10%	= 2036.4
	95%	= 256.96	50%	= 1379.5	5%	= 2122.9
	90%	= 436.33	25%	= 1810.7	1%	= 2247.4

E) The mean of the potential = _57841.... 48575

PETRIMES MODULE MPRO

NO. OF POOLS DISTRIBUTION AND RISKS
****

UAI	C5C19501
PLAY	Sustut Upper Cretaceous Structural Gas Play
Assessor	Peter Hannigan
Geologist	Peter Hannigan
Operator	PH
Remarks	Intermontane Oil & Gas Assessment Project PH
Run date	WED, FEB 15, 1995, 1:07 PM

A) Risks

	GEOLOGICAL FACTOR		MARGINAL PROBABILITY
PLAY LEVEL	Overall Play Level Risk	=	1.00
PROSPECT LEVEL	Presence of Closure	(1)	.90
	Presence of Reservoir Facies	(2)	.80
	Adequate Seal	(4)	.90
	Adequate Timing	(5)	.60
	Adequate Source	(6)	.80
	Adequate Preservation	(8)	.33
	Overall Prospect Level Risk	=	.10
EXPLORATION RISK:		=	.10

B) No. of Prospects Distribution

Minimum	=	15
Maximum	=	270
Mean	=	138.64
S.D.	=	74.33

Frequency	No. of Prospects
99.00	15
95	25
90	38
80	62
75	74
60	111
50	135

40	162
25	203
20	216
10	243
5	257
1	268
0	270

C) No. of Pools Distribution

Minimum	=	0
Maximum	=	50
Mean	=	14.23
S.D.	=	8.42

Frequency	No. of Pools
99.10	0
99	1
95	2
90	3
80	6
75	7
60	11
50	14
40	16
25	21
20	22
10	26
5	29
1	34
0	50

PETRIMES MODULE PSRK

INDIVIDUAL POOL SIZES BY RANK
WHERE N IS A RANDOM VARIABLE
****

UAI	C5C19501
PLAY	Sustut Upper Cretaceous Structural Gas Play
Assessor	Peter Hannigan
Geologist	Peter Hannigan
Operator	ph
Remarks	Intermontane Oil & Gas Assessment Project ph
Run date	FRI, FEB 17, 1995, 1:31 PM

A) Basic Information

TYPE OF RESOURCE =Gas In Place
SYSTEM OF MEASUREMENT =S.I.
UNIT OF MEASUREMENT =M cu m (19)

B) Lognormal Pool Size Distribution

Summary Statistics	mu	= 7.5074	MEAN	= 3703.5			
	sig. sq	= 1.4193	S.D.	= 6556.8			
Upper Percentiles	99.99%	= 21.687	60.00%	= 1346.9	15.00%	= 6261.3	
	99.00%	= 113.96	55.00%	= 1568.2	10.00%	= 8384.7	
	95.00%	= 256.66	50.00%	= 1821.4	8.00%	= 9713.9	
	90.00%	= 395.67	45.00%	= 2115.6	6.00%	= 11611.	
	85.00%	= 529.86	40.00%	= 2463.2	5.00%	= 12926.	
	80.00%	= 668.28	35.00%	= 2882.5	4.00%	= 14663.	
	75.00%	= 815.51	30.00%	= 3402.0	2.00%	= 21039.	
	70.00%	= 975.19	25.00%	= 4068.1	1.00%	= 29111.	
	65.00%	= 1150.9	20.00%	= 4964.4	.01%	= .15298E+06	

C) No. of Pools Distribution

Lower Support	= 0
Upper Support	= 50
Expectation	= 14.23
Standard Deviation	= 8.42

D) Pool Sizes By Rank

Pool Rank			Distribution			
1	MEAN	= 16776.	S.D.	= 17095.	P(N>=r)	= .99100
	99%	= 885.27	75%	= 7240.9	10%	= 33139.
	95%	= 2544.5	50%	= 12398.	5%	= 44776.
	90%	= 3988.5	25%	= 20601.	1%	= 81874.
2	MEAN	= 8479.2	S.D.	= 6243.7	P(N>=r)	= .96771
	99%	= 457.33	75%	= 4246.9	10%	= 15988.
	95%	= 1344.9	50%	= 7199.4	5%	= 19882.
	90%	= 2207.6	25%	= 11097.	1%	= 30221.
3	MEAN	= 5885.4	S.D.	= 3968.2	P(N>=r)	= .93406

	99%	= 327.94	75%	= 3038.9	10%	= 10916.
	95%	= 929.42	50%	= 5203.0	5%	= 13195.
	90%	= 1536.9	25%	= 7857.6	1%	= 18788.
4	MEAN	= 4546.4	S.D.	= 2947.2	P(N>=r)	= .89588
	99%	= 267.36	75%	= 2372.9	10%	= 8365.4
	95%	= 727.36	50%	= 4092.0	5%	= 9968.9
	90%	= 1193.2	25%	= 6129.2	1%	= 13732.
5	MEAN	= 3705.2	S.D.	= 2349.7	P(N>=r)	= .85640
	99%	= 230.39	75%	= 1943.6	10%	= 6786.8
	95%	= 604.78	50%	= 3365.7	5%	= 8020.2
	90%	= 980.50	25%	= 5022.8	1%	= 10831.
6	MEAN	= 3118.1	S.D.	= 1950.4	P(N>=r)	= .81666
	99%	= 204.21	75%	= 1640.3	10%	= 5696.0
	95%	= 520.03	50%	= 2846.4	5%	= 6695.4
	90%	= 833.14	25%	= 4241.2	1%	= 8925.8
7	MEAN	= 2681.0	S.D.	= 1661.3	P(N>=r)	= .77692
	99%	= 184.18	75%	= 1413.4	10%	= 4889.1
	95%	= 456.94	50%	= 2453.7	5%	= 5726.8
	90%	= 723.94	25%	= 3654.0	1%	= 7567.6
8	MEAN	= 2340.9	S.D.	= 1440.6	P(N>=r)	= .73724
	99%	= 168.16	75%	= 1236.7	10%	= 4263.9
	95%	= 407.78	50%	= 2144.9	5%	= 4982.8
	90%	= 639.36	25%	= 3193.9	1%	= 6544.2
9	MEAN	= 2067.8	S.D.	= 1265.8	P(N>=r)	= .69765
	99%	= 154.95	75%	= 1095.0	10%	= 3763.0
	95%	= 368.20	50%	= 1894.9	5%	= 4390.9
	90%	= 571.69	25%	= 2822.1	1%	= 5742.0
10	MEAN	= 1842.9	S.D.	= 1123.2	P(N>=r)	= .65824
	99%	= 143.80	75%	= 978.42	10%	= 3351.4
	95%	= 335.48	50%	= 1687.9	5%	= 3907.0
	90%	= 516.12	25%	= 2514.5	1%	= 5094.2
11	MEAN	= 1654.0	S.D.	= 1004.6	P(N>=r)	= .61907
	99%	= 134.19	75%	= 880.58	10%	= 3006.3
	95%	= 307.84	50%	= 1513.4	5%	= 3503.2
	90%	= 469.45	25%	= 2255.3	1%	= 4559.1
12	MEAN	= 1492.9	S.D.	= 904.12	P(N>=r)	= .58021
	99%	= 125.75	75%	= 796.96	10%	= 2712.3
	95%	= 284.00	50%	= 1363.9	5%	= 3160.5
	90%	= 429.46	25%	= 2033.5	1%	= 4108.8
13	MEAN	= 1353.5	S.D.	= 817.99	P(N>=r)	= .54175
	99%	= 118.20	75%	= 724.38	10%	= 2458.6
	95%	= 263.05	50%	= 1234.2	5%	= 2865.7
	90%	= 394.56	25%	= 1841.3	1%	= 3724.2
14	MEAN	= 1231.6	S.D.	= 743.34	P(N>=r)	= .50371
	99%	= 111.34	75%	= 660.57	10%	= 2237.4
	95%	= 244.32	50%	= 1120.6	5%	= 2609.3
	90%	= 363.61	25%	= 1673.2	1%	= 3391.6
15	MEAN	= 1124.1	S.D.	= 678.08	P(N>=r)	= .46613

	99%	= 105.01	75%	= 603.90	10%	= 2042.8
	95%	= 227.35	50%	= 1020.2	5%	= 2384.3
	90%	= 335.80	25%	= 1525.0	1%	= 3101.3
16	MEAN	= 1028.6	S.D.	= 620.62	P(N>=r)	= .42901
	99%	= 99.103	75%	= 553.20	10%	= 1870.4
	95%	= 211.80	50%	= 931.01	5%	= 2185.2
	90%	= 310.59	25%	= 1393.4	1%	= 2845.6
17	MEAN	= 943.32	S.D.	= 569.72	P(N>=r)	= .39236
	99%	= 93.567	75%	= 507.67	10%	= 1716.8
	95%	= 197.50	50%	= 851.39	5%	= 2008.2
	90%	= 287.63	25%	= 1276.1	1%	= 2618.9
18	MEAN	= 866.98	S.D.	= 524.39	P(N>=r)	= .35624
	99%	= 88.372	75%	= 466.69	10%	= 1579.5
	95%	= 184.32	50%	= 780.15	5%	= 1850.0
	90%	= 266.68	25%	= 1171.2	1%	= 2416.8
19	MEAN	= 798.50	S.D.	= 483.86	P(N>=r)	= .32071
	99%	= 83.507	75%	= 429.82	10%	= 1456.4
	95%	= 172.19	50%	= 716.35	5%	= 1708.1
	90%	= 247.59	25%	= 1077.2	1%	= 2235.9
20	MEAN	= 736.99	S.D.	= 447.48	P(N>=r)	= .28592
	99%	= 78.974	75%	= 396.70	10%	= 1345.6
	95%	= 161.07	50%	= 659.22	5%	= 1580.5
	90%	= 230.25	25%	= 992.74	1%	= 2073.3
21	MEAN	= 681.75	S.D.	= 414.74	P(N>=r)	= .25211
	99%	= 74.772	75%	= 366.99	10%	= 1245.9
	95%	= 150.92	50%	= 608.07	5%	= 1465.6
	90%	= 214.55	25%	= 916.94	1%	= 1926.8
22	MEAN	= 632.14	S.D.	= 385.20	P(N>=r)	= .21954
	99%	= 70.901	75%	= 340.42	10%	= 1156.1
	95%	= 141.70	50%	= 562.35	5%	= 1361.9
	90%	= 200.39	25%	= 848.89	1%	= 1794.4
23	MEAN	= 587.61	S.D.	= 358.51	P(N>=r)	= .18856
	99%	= 67.353	75%	= 316.69	10%	= 1075.2
	95%	= 133.37	50%	= 521.51	5%	= 1268.2
	90%	= 187.67	25%	= 787.81	1%	= 1674.7
24	MEAN	= 547.65	S.D.	= 334.36	P(N>=r)	= .15951
	99%	= 64.114	75%	= 295.54	10%	= 1002.2
	95%	= 125.85	50%	= 485.06	5%	= 1183.6
	90%	= 176.26	25%	= 733.00	1%	= 1566.3
25	MEAN	= 511.81	S.D.	= 312.49	P(N>=r)	= .13274
	99%	= 61.167	75%	= 276.71	10%	= 936.38
	95%	= 119.08	50%	= 452.57	5%	= 1107.1
	90%	= 166.05	25%	= 683.84	1%	= 1468.0
26	MEAN	= 479.66	S.D.	= 292.67	P(N>=r)	= .10852
	99%	= 58.491	75%	= 259.94	10%	= 877.02
	95%	= 113.00	50%	= 423.59	5%	= 1037.9
	90%	= 156.92	25%	= 639.76	1%	= 1378.7
27	MEAN	= 450.80	S.D.	= 274.70	P(N>=r)	= .87079E-01

	99%	= 56.064	75%	= 245.02	10%	= 823.47
	95%	= 107.54	50%	= 397.75	5%	= 975.28
	90%	= 148.75	25%	= 600.21	1%	= 1297.6
28	MEAN	= 424.89	S.D.	= 258.39	P(N>=r)	= .68508E-01
	99%	= 53.863	75%	= 231.71	10%	= 775.13
	95%	= 102.63	50%	= 374.69	5%	= 918.60
	90%	= 141.44	25%	= 564.72	1%	= 1223.8
29	MEAN	= 401.60	S.D.	= 243.58	P(N>=r)	= .52799E-01
	99%	= 51.866	75%	= 219.83	10%	= 731.46
	95%	= 98.218	50%	= 354.09	5%	= 867.24
	90%	= 134.89	25%	= 532.84	1%	= 1156.6

E) The mean of the potential = 52658.

PETRIMES MODULE MPRO

NO. OF POOLS DISTRIBUTION AND RISKS
****

UAI	C5C29501
PLAY	Sustut Upper Cretaceous Structural Oil Play
Assessor	Peter Hannigan
Geologist	Peter Hannigan
Operator	ph
Remarks	Intermontane Oil & Gas Assessment Project ph
Run date	TUE, FEB 14, 1995, 9:55 AM

A) Risks

	GEOLOGICAL FACTOR		MARGINAL PROBABILITY
PLAY LEVEL	Overall Play Level Risk	=	1.00
PROSPECT LEVEL	Presence of Closure	(1)	.90
	Presence of Reservoir Facies	(2)	.80
	Adequate Seal	(4)	.90
	Adequate Timing	(5)	.60
	Adequate Source	(6)	.80
	Adequate Preservation	(8)	.33
	Overall Prospect Level Risk	=	.10
EXPLORATION RISK:		=	.10

B) No. of Prospects Distribution

Minimum	=	15
Maximum	=	270
Mean	=	138.64
S.D.	=	74.33

Frequency	No. of Prospects
99.00	15
95	25
90	38
80	62
75	74
60	111
50	135

40	162
25	203
20	216
10	243
5	257
1	268
0	270

C) No. of Pools Distribution

Minimum	=	0
Maximum	=	50
Mean	=	14.23
S.D.	=	8.42

Frequency	No. of Pools
99.10	0
99	1
95	2
90	3
80	6
75	7
60	11
50	14
40	16
25	21
20	22
10	26
5	29
1	34
0	50

PETRIMES MODULE PSRK

INDIVIDUAL POOL SIZES BY RANK
WHERE N IS A RANDOM VARIABLE
****

UAI	C5C29501
PLAY	Sustut Upper Cretaceous Structural Oil Play
Assessor	Peter Hannigan
Geologist	Peter Hannigan
Operator	ph
Remarks	Intermontane Oil & Gas Assessment Project ph
Run date	FRI, FEB 17, 1995, 2:52 PM

A) Basic Information

TYPE OF RESOURCE	=Oil In Place
SYSTEM OF MEASUREMENT	=S.I.
UNIT OF MEASUREMENT	=M cu m (19)

B) Lognormal Pool Size Distribution

Summary Statistics	mu = 1.9488	MEAN = 12.953	
	sig. sq= 1.2251	S.D. = 20.085	
Upper Percentiles	99.99% = .11445	60.00% = 5.3034	15.00% = 22.108
	99.00% = .53465	55.00% = 6.1085	10.00% = 28.998
	95.00% = 1.1367	50.00% = 7.0200	8.00% = 33.247
	90.00% = 1.6994	45.00% = 8.0676	6.00% = 39.238
	85.00% = 2.2291	40.00% = 9.2922	5.00% = 43.352
	80.00% = 2.7655	35.00% = 10.754	4.00% = 48.740
	75.00% = 3.3275	30.00% = 12.543	2.00% = 68.166
	70.00% = 3.9288	25.00% = 14.810	1.00% = 92.173
	65.00% = 4.5826	20.00% = 17.820	.01% = 430.58

C) No. of Pools Distribution

Lower Support	= 0
Upper Support	= 50
Expectation	= 14.23
Standard Deviation	= 8.42

D) Pool Sizes By Rank

Pool Rank			Distribution			
1	MEAN	= 54.006	S.D.	= 49.372	P(N>=r)	= .99100
	99%	= 3.5911	75%	= 25.305	10%	= 103.96
	95%	= 9.5769	50%	= 41.705	5%	= 137.51
	90%	= 14.541	25%	= 66.848	1%	= 240.90
2	MEAN	= 28.846	S.D.	= 19.607	P(N>=r)	= .96771
	99%	= 1.9442	75%	= 15.414	10%	= 52.820
	95%	= 5.2960	50%	= 25.170	5%	= 64.678
	90%	= 8.3929	25%	= 37.624	1%	= 95.433
3	MEAN	= 20.578	S.D.	= 12.905	P(N>=r)	= .93406

	99%	= 1.4274	75%	= 11.294	10%	= 37.054
	95%	= 3.7572	50%	= 18.614	5%	= 44.192
	90%	= 5.9951	25%	= 27.301	1%	= 61.365
4	MEAN	= 16.200	S.D.	= 9.7992	P(N>=r)	= .89588
	99%	= 1.1807	75%	= 8.9753	10%	= 28.936
	95%	= 2.9919	50%	= 14.891	5%	= 34.057
	90%	= 4.7386	25%	= 21.674	1%	= 45.857
5	MEAN	= 13.401	S.D.	= 7.9426	P(N>=r)	= .85640
	99%	= 1.0282	75%	= 7.4564	10%	= 23.827
	95%	= 2.5205	50%	= 12.419	5%	= 27.826
	90%	= 3.9487	25%	= 18.014	1%	= 36.784
6	MEAN	= 11.419	S.D.	= 6.6813	P(N>=r)	= .81666
	99%	= .91920	75%	= 6.3691	10%	= 20.247
	95%	= 2.1906	50%	= 10.629	5%	= 23.529
	90%	= 3.3942	25%	= 15.395	1%	= 30.733
7	MEAN	= 9.9256	S.D.	= 5.7561	P(N>=r)	= .77692
	99%	= .83514	75%	= 5.5464	10%	= 17.569
	95%	= 1.9426	50%	= 9.2591	5%	= 20.349
	90%	= 2.9789	25%	= 13.404	1%	= 26.364
8	MEAN	= 8.7518	S.D.	= 5.0416	P(N>=r)	= .73724
	99%	= .76745	75%	= 4.8993	10%	= 15.471
	95%	= 1.7477	50%	= 8.1713	5%	= 17.881
	90%	= 2.6541	25%	= 11.829	1%	= 23.034
9	MEAN	= 7.7999	S.D.	= 4.4695	P(N>=r)	= .69765
	99%	= .71128	75%	= 4.3753	10%	= 13.776
	95%	= 1.5895	50%	= 7.2827	5%	= 15.899
	90%	= 2.3921	25%	= 10.544	1%	= 20.399
10	MEAN	= 7.0094	S.D.	= 3.9989	P(N>=r)	= .65824
	99%	= .66359	75%	= 3.9409	10%	= 12.370
	95%	= 1.4579	50%	= 6.5407	5%	= 14.265
	90%	= 2.1753	25%	= 9.4721	1%	= 18.252
11	MEAN	= 6.3402	S.D.	= 3.6037	P(N>=r)	= .61907
	99%	= .62228	75%	= 3.5734	10%	= 11.182
	95%	= 1.3459	50%	= 5.9098	5%	= 12.890
	90%	= 1.9920	25%	= 8.5613	1%	= 16.464
12	MEAN	= 5.7647	S.D.	= 3.2667	P(N>=r)	= .58021
	99%	= .58584	75%	= 3.2571	10%	= 10.162
	95%	= 1.2488	50%	= 5.3655	5%	= 11.714
	90%	= 1.8338	25%	= 7.7762	1%	= 14.948
13	MEAN	= 5.2634	S.D.	= 2.9755	P(N>=r)	= .54175
	99%	= .55311	75%	= 2.9806	10%	= 9.2763
	95%	= 1.1630	50%	= 4.8900	5%	= 10.695
	90%	= 1.6950	25%	= 7.0912	1%	= 13.643
14	MEAN	= 4.8219	S.D.	= 2.7214	P(N>=r)	= .50371
	99%	= .52321	75%	= 2.7358	10%	= 8.4983
	95%	= 1.0859	50%	= 4.4703	5%	= 9.8035
	90%	= 1.5711	25%	= 6.4878	1%	= 12.508
15	MEAN	= 4.4297	S.D.	= 2.4979	P(N>=r)	= .46613

	99%	= .49551	75%	= 2.5171	10%	= 7.8093
	95%	= 1.0156	50%	= 4.0971	5%	= 9.0154
	90%	= 1.4591	25%	= 5.9521	1%	= 11.510
16	MEAN	= 4.0791	S.D.	= 2.2999	P(N>=r)	= .42901
	99%	= .46957	75%	= 2.3202	10%	= 7.1951
	95%	= .95093	50%	= 3.7632	5%	= 8.3141
	90%	= 1.3571	25%	= 5.4735	1%	= 10.626
17	MEAN	= 3.7642	S.D.	= 2.1235	P(N>=r)	= .39236
	99%	= .44515	75%	= 2.1422	10%	= 6.6447
	95%	= .89112	50%	= 3.4632	5%	= 7.6864
	90%	= 1.2636	25%	= 5.0441	1%	= 9.8369
18	MEAN	= 3.4804	S.D.	= 1.9656	P(N>=r)	= .35624
	99%	= .42214	75%	= 1.9811	10%	= 6.1495
	95%	= .83572	50%	= 3.1932	5%	= 7.1222
	90%	= 1.1779	25%	= 4.6576	1%	= 9.1297
19	MEAN	= 3.2243	S.D.	= 1.8236	P(N>=r)	= .32071
	99%	= .40051	75%	= 1.8353	10%	= 5.7027
	95%	= .78450	50%	= 2.9499	5%	= 6.6133
	90%	= 1.0994	25%	= 4.3091	1%	= 8.4929
20	MEAN	= 2.9929	S.D.	= 1.6954	P(N>=r)	= .28592
	99%	= .38027	75%	= 1.7035	10%	= 5.2988
	95%	= .73733	50%	= 2.7306	5%	= 6.1531
	90%	= 1.0276	25%	= 3.9944	1%	= 7.9176
21	MEAN	= 2.7839	S.D.	= 1.5795	P(N>=r)	= .25211
	99%	= .36144	75%	= 1.5847	10%	= 4.9331
	95%	= .69407	50%	= 2.5333	5%	= 5.7362
	90%	= .96238	25%	= 3.7103	1%	= 7.3965
22	MEAN	= 2.5952	S.D.	= 1.4743	P(N>=r)	= .21954
	99%	= .34402	75%	= 1.4778	10%	= 4.6019
	95%	= .65461	50%	= 2.3558	5%	= 5.3581
	90%	= .90324	25%	= 3.4538	1%	= 6.9233
23	MEAN	= 2.4249	S.D.	= 1.3788	P(N>=r)	= .18856
	99%	= .32799	75%	= 1.3818	10%	= 4.3018
	95%	= .61875	50%	= 2.1964	5%	= 5.0150
	90%	= .84983	25%	= 3.2223	1%	= 6.4932
24	MEAN	= 2.2714	S.D.	= 1.2920	P(N>=r)	= .15951
	99%	= .31331	75%	= 1.2959	10%	= 4.0298
	95%	= .58627	50%	= 2.0535	5%	= 4.7033
	90%	= .80173	25%	= 3.0135	1%	= 6.1017
25	MEAN	= 2.1331	S.D.	= 1.2129	P(N>=r)	= .13274
	99%	= .29991	75%	= 1.2190	10%	= 3.7834
	95%	= .55693	50%	= 1.9253	5%	= 4.4202
	90%	= .75849	25%	= 2.8253	1%	= 5.7449
26	MEAN	= 2.0084	S.D.	= 1.1409	P(N>=r)	= .10852
	99%	= .28770	75%	= 1.1502	10%	= 3.5600
	95%	= .53047	50%	= 1.8105	5%	= 4.1630
	90%	= .71966	25%	= 2.6557	1%	= 5.4196
27	MEAN	= 1.8960	S.D.	= 1.0754	P(N>=r)	= .87079E-01

	99%	= .27660	75%	= 1.0887	10%	= 3.3576
	95%	= .50661	50%	= 1.7077	5%	= 3.9292
	90%	= .68480	25%	= 2.5028	1%	= 5.1227
28	MEAN	= 1.7947	S.D.	= 1.0156	P(N>=r)	= .68508E-01
	99%	= .26649	75%	= 1.0337	10%	= 3.1741
	95%	= .48509	50%	= 1.6155	5%	= 3.7165
	90%	= .65348	25%	= 2.3650	1%	= 4.8515
29	MEAN	= 1.7032	S.D.	= .96108	P(N>=r)	= .52799E-01
	99%	= .25730	75%	= .98435	10%	= 3.0076
	95%	= .46567	50%	= 1.5328	5%	= 3.5231
	90%	= .62531	25%	= 2.2407	1%	= 4.6037

E) The mean of the potential = 184.13

PETRIMES MODULE MPRO

NO. OF POOLS DISTRIBUTION AND RISKS
****

UAI	C5D19501
PLAY	Northern Rocky Mountain Trench Sifton Structural Gas
Assessor	Peter Hannigan
Geologist	Peter Hannigan
Operator	PH
Remarks	Intermontane Oil & Gas Assessment Project PH
Run date	WED, FEB 1, 1995, 11:42 AM

A) Risks

	GEOLOGICAL FACTOR		MARGINAL PROBABILITY
PLAY LEVEL	Adequate Play Conditions	(19)	.90
	Overall Play Level Risk	=	.90
PROSPECT LEVEL	Adequate Prospect Conditions	(20)	.25
	Overall Prospect Level Risk	=	.25
EXPLORATION RISK:		=	.22

B) No. of Prospects Distribution

Minimum	=	15
Maximum	=	50
Mean	=	29.19
S.D.	=	10.39

Frequency	No. of Prospects
99.00	15
95	16
90	17
80	19
75	20
60	23
50	25
40	30

25	38
20	40
10	45
5	48
1	50
0	50

C) No. of Pools Distribution

Minimum	=	0
Maximum	=	26
Mean	=	6.57
S.D.	=	3.97

Frequency	No. of Pools
89.82	0
80	3
75	4
60	5
50	6
40	7
25	9
20	10
10	12
5	14
1	16
0	26

PETRIMES MODULE PSRK

INDIVIDUAL POOL SIZES BY RANK
WHERE N IS A RANDOM VARIABLE
****

UAI	C5D19501
PLAY	Northern Rocky Mountain Trench Sifton Structural Gas
Assessor	Peter Hannigan
Geologist	Peter Hannigan
Operator	ph
Remarks	Intermontane Oil & Gas Assessment Project ph
Run date	FRI, FEB 17, 1995, 3:49 PM

A) Basic Information

TYPE OF RESOURCE =Gas In Place
SYSTEM OF MEASUREMENT =S.I.
UNIT OF MEASUREMENT =M cu m (19)

B) Lognormal Pool Size Distribution

Summary Statistics	mu	= 1.9577	MEAN	= 22.293			
	sig. sq	= 2.2931	S.D.	= 66.526			
Upper Percentiles	99.99%	= .25377E-01	60.00%	= 4.8264	15.00%	= 34.029	
	99.00%	= .20909	55.00%	= 5.8559	10.00%	= 49.323	
	95.00%	= .58682	50.00%	= 7.0833	8.00%	= 59.467	
	90.00%	= 1.0173	45.00%	= 8.5680	6.00%	= 74.598	
	85.00%	= 1.4745	40.00%	= 10.396	5.00%	= 85.501	
	80.00%	= 1.9804	35.00%	= 12.695	4.00%	= 100.36	
	75.00%	= 2.5507	30.00%	= 15.671	2.00%	= 158.81	
	70.00%	= 3.2016	25.00%	= 19.670	1.00%	= 239.97	
	65.00%	= 3.9521	20.00%	= 25.335	.01%	= 1977.1	

C) No. of Pools Distribution

Lower Support = 0
Upper Support = 26
Expectation = 6.57
Standard Deviation= 3.97

D) Pool Sizes By Rank

Pool Rank			Distribution			
1	MEAN	= 90.716	S.D.	= 157.44	P(N>=r)	= .89817
	99%	= 3.1401	75%	= 25.139	10%	= 193.49
	95%	= 8.3354	50%	= 50.284	5%	= 291.91
	90%	= 12.926	25%	= 100.63	1%	= 659.95
2	MEAN	= 30.829	S.D.	= 33.932	P(N>=r)	= .88694
	99%	= 1.0403	75%	= 10.806	10%	= 65.630
	95%	= 3.2179	50%	= 21.209	5%	= 89.548
	90%	= 5.3004	25%	= 38.919	1%	= 161.60
3	MEAN	= 16.761	S.D.	= 16.786	P(N>=r)	= .85347

	99%	= .50426	75%	= 5.8914	10%	= 35.980
	95%	= 1.5765	50%	= 12.011	5%	= 47.687
	90%	= 2.7067	25%	= 21.997	1%	= 79.988
4	MEAN	= 10.790	S.D.	= 10.544	P(N>=r)	= .78840
	99%	= .32004	75%	= 3.6799	10%	= 23.441
	95%	= .95027	50%	= 7.7772	5%	= 30.714
	90%	= 1.6362	25%	= 14.436	1%	= 49.843
5	MEAN	= 7.6737	S.D.	= 7.4069	P(N>=r)	= .69458
	99%	= .23900	75%	= 2.5762	10%	= 16.786
	95%	= .67428	50%	= 5.5339	5%	= 21.860
	90%	= 1.1444	25%	= 10.367	1%	= 34.817
6	MEAN	= 5.8357	S.D.	= 5.5499	P(N>=r)	= .58577
	99%	= .19663	75%	= 1.9736	10%	= 12.765
	95%	= .53351	50%	= 4.2282	5%	= 16.547
	90%	= .89024	25%	= 7.9163	1%	= 26.020
7	MEAN	= 4.6377	S.D.	= 4.3309	P(N>=r)	= .47756
	99%	= .17103	75%	= 1.6055	10%	= 10.093
	95%	= .45047	50%	= 3.3897	5%	= 13.031
	90%	= .73991	25%	= 6.2959	1%	= 20.297
8	MEAN	= 3.7858	S.D.	= 3.4712	P(N>=r)	= .37991
	99%	= .15287	75%	= 1.3486	10%	= 8.1805
	95%	= .39288	50%	= 2.7934	5%	= 10.528
	90%	= .63606	25%	= 5.1331	1%	= 16.286
9	MEAN	= 3.1401	S.D.	= 2.8350	P(N>=r)	= .29603
	99%	= .13792	75%	= 1.1484	10%	= 6.7394
	95%	= .34668	50%	= 2.3349	5%	= 8.6546
	90%	= .55378	25%	= 4.2483	1%	= 13.327
10	MEAN	= 2.6340	S.D.	= 2.3498	P(N>=r)	= .22529
	99%	= .12465	75%	= .98432	10%	= 5.6211
	95%	= .30687	50%	= 1.9692	5%	= 7.2091
	90%	= .48418	25%	= 3.5545	1%	= 11.071
11	MEAN	= 2.2323	S.D.	= 1.9727	P(N>=r)	= .16626
	99%	= .11286	75%	= .84927	10%	= 4.7410
	95%	= .27251	50%	= 1.6757	5%	= 6.0759
	90%	= .42517	25%	= 3.0047	1%	= 9.3164
12	MEAN	= 1.9128	S.D.	= 1.6760	P(N>=r)	= .11798
	99%	= .10265	75%	= .73950	10%	= 4.0439
	95%	= .24351	50%	= 1.4411	5%	= 5.1794
	90%	= .37610	25%	= 2.5682	1%	= 7.9335
13	MEAN	= 1.6581	S.D.	= 1.4402	P(N>=r)	= .79896E-01
	99%	= .94000E-01	75%	= .65113	10%	= 3.4888
	95%	= .21947	50%	= 1.2541	5%	= 4.4652
	90%	= .33590	25%	= 2.2210	1%	= 6.8324
14	MEAN	= 1.4541	S.D.	= 1.2511	P(N>=r)	= .51334E-01
	99%	= .86738E-01	75%	= .58008	10%	= 3.0441
	95%	= .19967	50%	= 1.1048	5%	= 3.8921
	90%	= .30314	25%	= 1.9437	1%	= 5.9474

E) The mean of the potential = 146.36

PETRIMES MODULE MPRO

NO. OF POOLS DISTRIBUTION AND RISKS
****

UAI	C5A29501
PLAY	Whitehorse Takwahoni Structural Gas Play
Assessor	Peter Hannigan
Geologist	Peter Hannigan
Operator	PH
Remarks	Intermontane Oil & Gas Assessment Project PH
Run date	MON, FEB 27, 1995, 10:44 AM

A) Risks

	GEOLOGICAL FACTOR		MARGINAL PROBABILITY
PLAY LEVEL	Overall Play Level Risk	=	1.00
PROSPECT LEVEL	Presence of Closure	(1)	.50
	Presence of Reservoir Facies	(2)	.50
	Adequate Seal	(4)	.50
	Adequate Maturation	(7)	.90
	Adequate Preservation	(8)	.33
	Overall Prospect Level Risk	=	.04
EXPLORATION RISK:		=	.04

B) No. of Prospects Distribution

Minimum	=	40
Maximum	=	750
Mean	=	383.82
S.D.	=	206.94

Frequency	No. of Prospects
99.00	40
95	68
90	102
80	170
75	205
60	307
50	375

40	450
25	563
20	600
10	675
5	713
1	743
0	750

C) No. of Pools Distribution

Minimum	=	0
Maximum	=	51
Mean	=	14.25
S.D.	=	8.53

Frequency	No. of Pools
98.94	0
95	2
90	3
80	6
75	7
60	11
50	14
40	16
25	21
20	22
10	26
5	29
1	34
0	51

PETRIMES MODULE PSRK

INDIVIDUAL POOL SIZES BY RANK
WHERE N IS A RANDOM VARIABLE
****

UAI	C5A29501
PLAY	Whitehorse Takwahoni Structural Gas Play
Assessor	Peter Hannigan
Geologist	Peter Hannigan
Operator	PH
Remarks	Intermontane Oil & Gas Assessment Project PH
Run date	MON, FEB 27, 1995, 11:32 AM

A) Basic Information

TYPE OF RESOURCE =Gas In Place
SYSTEM OF MEASUREMENT =S.I.
UNIT OF MEASUREMENT =M cu m (19)

B) Lognormal Pool Size Distribution

Summary Statistics	mu = 8.0427	MEAN = 5671.7	
	sig. sq= 1.2010	S.D. = 8645.5	
Upper Percentiles	99.99% = 52.826	60.00% = 2356.9	15.00% = 9687.4
	99.00% = 243.05	55.00% = 2710.9	10.00% = 12673.
	95.00% = 512.92	50.00% = 3111.1	8.00% = 14510.
	90.00% = 763.77	45.00% = 3570.5	6.00% = 17097.
	85.00% = 999.14	40.00% = 4106.7	5.00% = 18871.
	80.00% = 1236.9	35.00% = 4745.8	4.00% = 21191.
	75.00% = 1485.6	30.00% = 5527.2	2.00% = 29539.
	70.00% = 1751.2	25.00% = 6515.4	1.00% = 39824.
	65.00% = 2039.5	20.00% = 7825.0	.01% = .18322E+06

C) No. of Pools Distribution

Lower Support = 0
Upper Support = 51
Expectation = 14.25
Standard Deviation= 8.53

D) Pool Sizes By Rank

Pool Rank			Distribution			
1	MEAN	= 23393.	S.D.	= 21114.	P(N>=r)=	.98944
	99%	= 1553.9	75%	= 11052.	10%	= 44910.
	95%	= 4170.4	50%	= 18165.	5%	= 59235.
	90%	= 6348.8	25%	= 29000.	1%	= .10319E+06
2	MEAN	= 12606.	S.D.	= 8486.4	P(N>=r)=	.96449
	99%	= 863.75	75%	= 6783.8	10%	= 23006.
	95%	= 2340.3	50%	= 11038.	5%	= 28113.
	90%	= 3703.9	25%	= 16441.	1%	= 41315.
3	MEAN	= 9035.2	S.D.	= 5613.8	P(N>=r)=	.93020

	99%	= 642.32	75%	= 4995.9	10%	= 16209.
	95%	= 1677.0	50%	= 8195.9	5%	= 19298.
	90%	= 2666.1	25%	= 11978.	1%	= 26707.
4	MEAN	= 7134.8	S.D.	= 4277.1	P(N>=r)	= .89211
	99%	= 533.75	75%	= 3982.3	10%	= 12696.
	95%	= 1341.3	50%	= 6574.1	5%	= 14919.
	90%	= 2115.4	25%	= 9535.6	1%	= 20029.
5	MEAN	= 5915.3	S.D.	= 3476.0	P(N>=r)	= .85295
	99%	= 465.69	75%	= 3315.4	10%	= 10479.
	95%	= 1132.3	50%	= 5494.0	5%	= 12220.
	90%	= 1766.7	25%	= 7942.7	1%	= 16111.
6	MEAN	= 5050.3	S.D.	= 2930.7	P(N>=r)	= .81360
	99%	= 416.83	75%	= 2836.9	10%	= 8923.3
	95%	= 985.64	50%	= 4710.1	5%	= 10356.
	90%	= 1521.1	25%	= 6800.4	1%	= 13493.
7	MEAN	= 4397.4	S.D.	= 2530.0	P(N>=r)	= .77425
	99%	= 379.11	75%	= 2474.1	10%	= 7756.9
	95%	= 875.20	50%	= 4109.5	5%	= 8973.5
	90%	= 1336.9	25%	= 5931.2	1%	= 11599.
8	MEAN	= 3883.5	S.D.	= 2220.1	P(N>=r)	= .73495
	99%	= 348.71	75%	= 2188.4	10%	= 6842.7
	95%	= 788.29	50%	= 3631.9	5%	= 7899.4
	90%	= 1192.6	25%	= 5242.2	1%	= 10154.
9	MEAN	= 3466.2	S.D.	= 1971.7	P(N>=r)	= .69576
	99%	= 323.46	75%	= 1956.6	10%	= 6102.6
	95%	= 717.67	50%	= 3241.2	5%	= 7035.6
	90%	= 1076.0	25%	= 4679.8	1%	= 9008.5
10	MEAN	= 3119.2	S.D.	= 1767.2	P(N>=r)	= .65674
	99%	= 301.99	75%	= 1764.2	10%	= 5488.4
	95%	= 658.80	50%	= 2914.6	5%	= 6322.7
	90%	= 979.41	25%	= 4210.0	1%	= 8074.5
11	MEAN	= 2825.2	S.D.	= 1595.3	P(N>=r)	= .61795
	99%	= 283.36	75%	= 1601.2	10%	= 4969.0
	95%	= 608.65	50%	= 2636.7	5%	= 5722.4
	90%	= 897.57	25%	= 3810.6	1%	= 7295.8
12	MEAN	= 2572.2	S.D.	= 1448.6	P(N>=r)	= .57946
	99%	= 266.90	75%	= 1460.8	10%	= 4522.8
	95%	= 565.08	50%	= 2396.8	5%	= 5208.7
	90%	= 826.89	25%	= 3466.0	1%	= 6634.9
13	MEAN	= 2351.7	S.D.	= 1321.7	P(N>=r)	= .54133
	99%	= 252.11	75%	= 1338.1	10%	= 4134.9
	95%	= 526.54	50%	= 2187.1	5%	= 4763.4
	90%	= 764.78	25%	= 3165.3	1%	= 6065.9
14	MEAN	= 2157.5	S.D.	= 1211.0	P(N>=r)	= .50360
	99%	= 238.59	75%	= 1229.5	10%	= 3794.0
	95%	= 491.92	50%	= 2002.1	5%	= 4373.1
	90%	= 709.38	25%	= 2900.3	1%	= 5570.3
15	MEAN	= 1985.0	S.D.	= 1113.5	P(N>=r)	= .46629

	99%	= 226.08	75%	= 1132.5	10%	= 3492.0
	95%	= 460.41	50%	= 1837.6	5%	= 4028.2
	90%	= 659.40	25%	= 2664.9	1%	= 5134.4
16	MEAN	= 1830.8	S.D.	= 1027.0	P(N>=r)	= .42943
	99%	= 214.39	75%	= 1045.3	10%	= 3222.8
	95%	= 431.48	50%	= 1690.5	5%	= 3721.1
	90%	= 613.92	25%	= 2454.7	1%	= 4748.0
17	MEAN	= 1692.2	S.D.	= 949.98	P(N>=r)	= .39303
	99%	= 203.42	75%	= 966.57	10%	= 2981.4
	95%	= 404.78	50%	= 1558.4	5%	= 3446.1
	90%	= 572.36	25%	= 2266.1	1%	= 4403.2
18	MEAN	= 1567.5	S.D.	= 880.91	P(N>=r)	= .35716
	99%	= 193.12	75%	= 895.40	10%	= 2764.2
	95%	= 380.12	50%	= 1439.5	5%	= 3198.9
	90%	= 534.31	25%	= 2096.3	1%	= 4093.8
19	MEAN	= 1454.8	S.D.	= 818.76	P(N>=r)	= .32191
	99%	= 183.45	75%	= 831.04	10%	= 2568.1
	95%	= 357.37	50%	= 1332.4	5%	= 2975.7
	90%	= 499.52	25%	= 1943.1	1%	= 3815.1
20	MEAN	= 1353.1	S.D.	= 762.64	P(N>=r)	= .28743
	99%	= 174.43	75%	= 772.91	10%	= 2390.7
	95%	= 336.44	50%	= 1235.9	5%	= 2773.8
	90%	= 467.78	25%	= 1804.8	1%	= 3563.2
21	MEAN	= 1261.1	S.D.	= 711.81	P(N>=r)	= .25395
	99%	= 166.05	75%	= 720.48	10%	= 2230.1
	95%	= 317.27	50%	= 1149.0	5%	= 2590.8
	90%	= 438.91	25%	= 1679.8	1%	= 3334.8
22	MEAN	= 1178.0	S.D.	= 665.67	P(N>=r)	= .22174
	99%	= 158.29	75%	= 673.30	10%	= 2084.5
	95%	= 299.78	50%	= 1070.8	5%	= 2424.7
	90%	= 412.75	25%	= 1566.9	1%	= 3127.2
23	MEAN	= 1103.0	S.D.	= 623.73	P(N>=r)	= .19111
	99%	= 151.16	75%	= 630.91	10%	= 1952.4
	95%	= 283.88	50%	= 1000.4	5%	= 2273.8
	90%	= 389.10	25%	= 1464.9	1%	= 2938.3
24	MEAN	= 1035.2	S.D.	= 585.54	P(N>=r)	= .16239
	99%	= 144.62	75%	= 592.88	10%	= 1832.5
	95%	= 269.46	50%	= 937.27	5%	= 2136.6
	90%	= 367.78	25%	= 1372.7	1%	= 2766.2
25	MEAN	= 974.06	S.D.	= 550.74	P(N>=r)	= .13589
	99%	= 138.64	75%	= 558.80	10%	= 1723.8
	95%	= 256.42	50%	= 880.56	5%	= 2011.8
	90%	= 348.58	25%	= 1289.5	1%	= 2609.2
26	MEAN	= 918.84	S.D.	= 519.00	P(N>=r)	= .11188
	99%	= 133.19	75%	= 528.25	10%	= 1625.0
	95%	= 244.63	50%	= 829.66	5%	= 1898.2
	90%	= 331.31	25%	= 1214.4	1%	= 2465.9
27	MEAN	= 868.98	S.D.	= 490.04	P(N>=r)	= .90532E-01

	99%	= 128.22	75%	= 500.88	10%	= 1535.4
	95%	= 233.98	50%	= 783.96	5%	= 1794.7
	90%	= 315.76	25%	= 1146.6	1%	= 2334.8
28	MEAN	= 823.92	S.D.	= 463.59	P(N>=r)	= .71948E-01
	99%	= 123.69	75%	= 476.31	10%	= 1454.0
	95%	= 224.35	50%	= 742.89	5%	= 1700.5
	90%	= 301.77	25%	= 1085.4	1%	= 2214.9
29	MEAN	= 783.17	S.D.	= 439.43	P(N>=r)	= .56114E-01
	99%	= 119.56	75%	= 454.24	10%	= 1380.0
	95%	= 215.64	50%	= 705.96	5%	= 1614.6
	90%	= 289.15	25%	= 1030.0	1%	= 2105.1

E) The mean of the potential = 80715.

PETRIMES MODULE MPRO

NO. OF POOLS DISTRIBUTION AND RISKS
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UAI	C5A49501
PLAY	Whitehorse Inklin Structural Gas Play
Assessor	Peter Hannigan
Geologist	Peter Hannigan
Operator	PH
Remarks	Intermontane Oil & Gas Assessment Project PH
Run date	MON, FEB 27, 1995, 1:50 PM

A) Risks

	GEOLOGICAL FACTOR		MARGINAL PROBABILITY
PLAY LEVEL	Overall Play Level Risk	=	1.00
PROSPECT LEVEL	Presence of Closure	(1)	.50
	Presence of Reservoir Facies	(2)	.50
	Adequate Seal	(4)	.50
	Adequate Maturation	(7)	.75
	Adequate Preservation	(8)	.33
	Overall Prospect Level Risk	=	.03
EXPLORATION RISK:		=	.03

B) No. of Prospects Distribution

Minimum	=	60
Maximum	=	1250
Mean	=	637.67
S.D.	=	346.83

Frequency	No. of Prospects
99.00	60
95	107
90	164
80	280
75	337
60	510
50	625

40	750
25	938
20	1000
10	1125
5	1188
1	1238
0	1250

C) No. of Pools Distribution

Minimum	=	0
Maximum	=	63
Mean	=	19.73
S.D.	=	11.59

Frequency	No. of Pools
99.44	0
99	1
95	3
90	5
80	8
75	10
60	15
50	19
40	23
25	29
20	31
10	36
5	39
1	45
0	63

PETRIMES MODULE PSRK

INDIVIDUAL POOL SIZES BY RANK
WHERE N IS A RANDOM VARIABLE
****

UAI	C5A49501
PLAY	Whitehorse Inklin Structural Gas Play
Assessor	Peter Hannigan
Geologist	Peter Hannigan
Operator	PH
Remarks	Intermontane Oil & Gas Assessment Project PH
Run date	MON, FEB 27, 1995, 2:21 PM

A) Basic Information

TYPE OF RESOURCE =Gas In Place
SYSTEM OF MEASUREMENT =S.I.
UNIT OF MEASUREMENT =M cu m (19)

B) Lognormal Pool Size Distribution

Summary Statistics	mu = 6.3969	MEAN = 1119.9	
	sig. sq= 1.2481	S.D. = 1764.9	
Upper Percentiles	99.99% = 9.4134	60.00% = 452.10	15.00% = 1909.9
	99.00% = 44.612	55.00% = 521.41	10.00% = 2511.5
	95.00% = 95.521	50.00% = 600.00	8.00% = 2883.2
	90.00% = 143.34	45.00% = 690.43	6.00% = 3408.0
	85.00% = 188.49	40.00% = 796.29	5.00% = 3768.8
	80.00% = 234.32	35.00% = 922.79	4.00% = 4241.8
	75.00% = 282.42	30.00% = 1077.9	2.00% = 5951.1
	70.00% = 333.98	25.00% = 1274.7	1.00% = 8069.7
	65.00% = 390.12	20.00% = 1536.4	.01% = 38243.

C) No. of Pools Distribution

Lower Support = 0
Upper Support = 63
Expectation = 19.73
Standard Deviation= 11.59

D) Pool Sizes By Rank

Pool Rank			Distribution		
1	MEAN	= 5459.9	S.D.	= 4808.2	P(N>=r)= .99436
	99%	= 393.41	75%	= 2657.2	10% = 10355.
	95%	= 1038.3	50%	= 4285.7	5% = 13604.
	90%	= 1558.9	25%	= 6747.2	1% = 23587.
2	MEAN	= 2999.4	S.D.	= 1950.9	P(N>=r)= .97930
	99%	= 208.47	75%	= 1667.0	10% = 5388.2
	95%	= 583.96	50%	= 2659.2	5% = 6546.8
	90%	= 923.28	25%	= 3895.8	1% = 9539.7
3	MEAN	= 2178.1	S.D.	= 1306.6	P(N>=r)= .95673

	99%	= 149.67	75%	= 1243.2	10%	= 3843.2
	95%	= 413.48	50%	= 2004.1	5%	= 4545.3
	90%	= 665.45	25%	= 2877.5	1%	= 6226.1
4	MEAN	= 1739.0	S.D.	= 1007.3	P(N>=r)	= .93037
	99%	= 122.41	75%	= 1000.3	10%	= 3043.0
	95%	= 328.13	50%	= 1627.8	5%	= 3549.7
	90%	= 528.09	25%	= 2318.3	1%	= 4710.4
5	MEAN	= 1456.4	S.D.	= 827.64	P(N>=r)	= .90270
	99%	= 106.21	75%	= 839.68	10%	= 2537.2
	95%	= 276.21	50%	= 1375.9	5%	= 2935.1
	90%	= 441.64	25%	= 1952.7	1%	= 3820.3
6	MEAN	= 1255.4	S.D.	= 705.12	P(N>=r)	= .87472
	99%	= 94.930	75%	= 723.89	10%	= 2181.4
	95%	= 240.30	50%	= 1192.2	5%	= 2509.8
	90%	= 381.07	25%	= 1689.7	1%	= 3224.7
7	MEAN	= 1103.2	S.D.	= 614.89	P(N>=r)	= .84668
	99%	= 86.360	75%	= 635.71	10%	= 1914.2
	95%	= 213.48	50%	= 1050.8	5%	= 2194.0
	90%	= 335.70	25%	= 1489.0	1%	= 2793.3
8	MEAN	= 982.96	S.D.	= 544.95	P(N>=r)	= .81865
	99%	= 79.516	75%	= 566.00	10%	= 1704.3
	95%	= 192.49	50%	= 937.92	5%	= 1948.0
	90%	= 300.22	25%	= 1329.4	1%	= 2463.6
9	MEAN	= 885.11	S.D.	= 488.72	P(N>=r)	= .79062
	99%	= 73.869	75%	= 509.34	10%	= 1533.9
	95%	= 175.50	50%	= 845.22	5%	= 1749.9
	90%	= 271.59	25%	= 1198.8	1%	= 2201.9
10	MEAN	= 803.57	S.D.	= 442.26	P(N>=r)	= .76260
	99%	= 69.096	75%	= 462.26	10%	= 1392.2
	95%	= 161.40	50%	= 767.51	5%	= 1585.9
	90%	= 247.93	25%	= 1089.4	1%	= 1988.0
11	MEAN	= 734.36	S.D.	= 403.07	P(N>=r)	= .73459
	99%	= 64.986	75%	= 422.45	10%	= 1272.1
	95%	= 149.48	50%	= 701.24	5%	= 1447.6
	90%	= 227.99	25%	= 996.07	1%	= 1809.4
12	MEAN	= 674.74	S.D.	= 369.44	P(N>=r)	= .70661
	99%	= 61.392	75%	= 388.30	10%	= 1168.6
	95%	= 139.22	50%	= 643.95	5%	= 1328.9
	90%	= 210.93	25%	= 915.36	1%	= 1657.4
13	MEAN	= 622.73	S.D.	= 340.21	P(N>=r)	= .67867
	99%	= 58.212	75%	= 358.62	10%	= 1078.3
	95%	= 130.28	50%	= 593.85	5%	= 1225.7
	90%	= 196.12	25%	= 844.70	1%	= 1526.3
14	MEAN	= 576.87	S.D.	= 314.50	P(N>=r)	= .65080
	99%	= 55.367	75%	= 332.56	10%	= 998.79
	95%	= 122.41	50%	= 549.60	5%	= 1135.0
	90%	= 183.13	25%	= 782.20	1%	= 1411.7
15	MEAN	= 536.08	S.D.	= 291.69	P(N>=r)	= .62301

	99%	= 52.798	75%	= 309.43	10%	= 928.01
	95%	= 115.39	50%	= 510.17	5%	= 1054.5
	90%	= 171.60	25%	= 726.46	1%	= 1310.6
16	MEAN	= 499.50	S.D.	= 271.28	P(N>=r)	= .59534
	99%	= 50.456	75%	= 288.73	10%	= 864.55
	95%	= 109.07	50%	= 474.76	5%	= 982.53
	90%	= 161.27	25%	= 676.36	1%	= 1220.6
17	MEAN	= 466.47	S.D.	= 252.91	P(N>=r)	= .56780
	99%	= 48.302	75%	= 270.05	10%	= 807.26
	95%	= 103.33	50%	= 442.76	5%	= 917.65
	90%	= 151.92	25%	= 631.06	1%	= 1139.9
18	MEAN	= 436.45	S.D.	= 236.28	P(N>=r)	= .54042
	99%	= 46.303	75%	= 253.07	10%	= 755.26
	95%	= 98.066	50%	= 413.65	5%	= 858.84
	90%	= 143.40	25%	= 589.88	1%	= 1067.1
19	MEAN	= 409.04	S.D.	= 221.15	P(N>=r)	= .51321
	99%	= 44.433	75%	= 237.54	10%	= 707.81
	95%	= 93.202	50%	= 387.05	5%	= 805.27
	90%	= 135.56	25%	= 552.23	1%	= 1000.9
20	MEAN	= 383.88	S.D.	= 207.33	P(N>=r)	= .48619
	99%	= 42.672	75%	= 223.27	10%	= 664.33
	95%	= 88.676	50%	= 362.64	5%	= 756.26
	90%	= 128.31	25%	= 517.67	1%	= 940.55
21	MEAN	= 360.70	S.D.	= 194.65	P(N>=r)	= .45937
	99%	= 41.003	75%	= 210.08	10%	= 624.29
	95%	= 84.441	50%	= 340.13	5%	= 711.21
	90%	= 121.57	25%	= 485.82	1%	= 885.23
22	MEAN	= 339.27	S.D.	= 182.98	P(N>=r)	= .43275
	99%	= 39.416	75%	= 197.85	10%	= 587.25
	95%	= 80.461	50%	= 319.33	5%	= 669.63
	90%	= 115.27	25%	= 456.39	1%	= 834.34
23	MEAN	= 319.40	S.D.	= 172.21	P(N>=r)	= .40635
	99%	= 37.901	75%	= 186.48	10%	= 552.99
	95%	= 76.707	50%	= 300.04	5%	= 631.09
	90%	= 109.37	25%	= 429.11	1%	= 787.39
24	MEAN	= 300.93	S.D.	= 162.25	P(N>=r)	= .38018
	99%	= 36.451	75%	= 175.88	10%	= 521.23
	95%	= 73.158	50%	= 282.12	5%	= 595.29
	90%	= 103.82	25%	= 403.77	1%	= 743.87
25	MEAN	= 283.72	S.D.	= 153.01	P(N>=r)	= .35429
	99%	= 35.061	75%	= 165.97	10%	= 491.68
	95%	= 69.794	50%	= 265.43	5%	= 562.01
	90%	= 98.593	25%	= 380.19	1%	= 703.41
26	MEAN	= 267.67	S.D.	= 144.42	P(N>=r)	= .32869
	99%	= 33.725	75%	= 156.69	10%	= 464.13
	95%	= 66.598	50%	= 249.87	5%	= 531.06
	90%	= 93.658	25%	= 358.22	1%	= 665.76
27	MEAN	= 252.67	S.D.	= 136.44	P(N>=r)	= .30343

	99%	= 32.439	75%	= 147.99	10%	= 438.41
	95%	= 63.557	50%	= 235.34	5%	= 502.23
	90%	= 88.992	25%	= 337.71	1%	= 630.85
28	MEAN	= 238.65	S.D.	= 129.00	P(N>=r)	= .27858
	99%	= 31.200	75%	= 139.82	10%	= 414.38
	95%	= 60.661	50%	= 221.78	5%	= 475.32
	90%	= 84.576	25%	= 318.57	1%	= 598.44
29	MEAN	= 225.54	S.D.	= 122.07	P(N>=r)	= .25418
	99%	= 30.006	75%	= 132.17	10%	= 391.92
	95%	= 57.903	50%	= 209.12	5%	= 450.16
	90%	= 80.398	25%	= 300.69	1%	= 567.92
30	MEAN	= 213.29	S.D.	= 115.59	P(N>=r)	= .23033
	99%	= 28.859	75%	= 125.00	10%	= 370.93
	95%	= 55.281	50%	= 197.31	5%	= 426.59
	90%	= 76.450	25%	= 284.00	1%	= 539.07
31	MEAN	= 201.85	S.D.	= 109.55	P(N>=r)	= .20711
	99%	= 27.759	75%	= 118.30	10%	= 351.30
	95%	= 52.794	50%	= 186.31	5%	= 404.53
	90%	= 72.730	25%	= 268.43	1%	= 512.02
32	MEAN	= 191.17	S.D.	= 103.91	P(N>=r)	= .18465
	99%	= 26.709	75%	= 112.06	10%	= 332.97
	95%	= 50.446	50%	= 176.08	5%	= 383.89
	90%	= 69.235	25%	= 253.92	1%	= 486.83
33	MEAN	= 181.23	S.D.	= 98.632	P(N>=r)	= .16306
	99%	= 25.711	75%	= 106.25	10%	= 315.85
	95%	= 48.236	50%	= 166.58	5%	= 364.60
	90%	= 65.966	25%	= 240.42	1%	= 463.19
34	MEAN	= 171.99	S.D.	= 93.703	P(N>=r)	= .14251
	99%	= 24.768	75%	= 100.87	10%	= 299.89
	95%	= 46.167	50%	= 157.79	5%	= 346.57
	90%	= 62.918	25%	= 227.87	1%	= 441.20
35	MEAN	= 163.41	S.D.	= 89.095	P(N>=r)	= .12314
	99%	= 23.880	75%	= 95.897	10%	= 285.01
	95%	= 44.236	50%	= 149.66	5%	= 329.74
	90%	= 60.088	25%	= 216.22	1%	= 420.64
36	MEAN	= 155.46	S.D.	= 84.791	P(N>=r)	= .10510
	99%	= 23.047	75%	= 91.313	10%	= 271.16
	95%	= 42.442	50%	= 142.17	5%	= 314.03
	90%	= 57.468	25%	= 205.43	1%	= 401.37
37	MEAN	= 148.10	S.D.	= 80.769	P(N>=r)	= .88531E-01
	99%	= 22.270	75%	= 87.095	10%	= 258.28
	95%	= 40.778	50%	= 135.26	5%	= 299.39
	90%	= 55.048	25%	= 195.44	1%	= 383.33
38	MEAN	= 141.29	S.D.	= 77.013	P(N>=r)	= .73531E-01
	99%	= 21.545	75%	= 83.218	10%	= 246.30
	95%	= 39.239	50%	= 128.91	5%	= 285.74
	90%	= 52.817	25%	= 186.20	1%	= 366.44
39	MEAN	= 135.00	S.D.	= 73.507	P(N>=r)	= .60170E-01

99%	= 20.870	75%	= 79.659	10%	= 235.18
95%	= 37.818	50%	= 123.06	5%	= 273.02
90%	= 50.762	25%	= 177.66	1%	= 350.63

E) The mean of the potential = 22069.

PETRIMES MODULE MPRO

NO. OF POOLS DISTRIBUTION AND RISKS
****

UAI	C5A19501
PLAY	Whitehorse Lewes River Structural Gas Play
Assessor	Peter Hannigan
Geologist	Peter Hannigan
Operator	PH
Remarks	Intermontane Oil & Gas Assessment Project PH
Run date	WED, FEB 1, 1995, 11:17 AM

A) Risks

	GEOLOGICAL FACTOR		MARGINAL PROBABILITY
PLAY LEVEL	Presence of Porosity	(3)	.50
	Overall Play Level Risk	=	.50
PROSPECT LEVEL	Presence of Closure	(1)	.50
	Presence of Reservoir Facies	(2)	.80
	Adequate Seal	(4)	.50
	Adequate Timing	(5)	.50
	Adequate Source	(6)	.80
	Adequate Maturation	(7)	.90
	Adequate Preservation	(8)	.33
	Overall Prospect Level Risk	=	.02
EXPLORATION RISK:		=	.01

B) No. of Prospects Distribution

Minimum	=	80
Maximum	=	1600
Mean	=	816.89
S.D.	=	443.01

Frequency	No. of Prospects
99.00	80
95	139
90	213
80	360
75	433

60	654
50	800
40	960
25	1200
20	1280
10	1440
5	1520
1	1584
0	1600

C) No. of Pools Distribution

Minimum	=	0
Maximum	=	61
Mean	=	9.70
S.D.	=	12.61

Frequency	No. of Pools
49.72	0
40	8
25	19
20	22
10	30
5	35
1	42
0	61

PETRIMES MODULE PSRK

INDIVIDUAL POOL SIZES BY RANK
WHERE N IS A RANDOM VARIABLE
****

UAI	C5A19501
PLAY	Whitehorse Lewes River Structural Gas Play
Assessor	Peter Hannigan
Geologist	Peter Hannigan
Operator	ph
Remarks	Intermontane Oil & Gas Assessment Project ph
Run date	TUE, FEB 28, 1995, 11:14 AM

A) Basic Information

TYPE OF RESOURCE =Gas In Place
SYSTEM OF MEASUREMENT =S.I.
UNIT OF MEASUREMENT =M cu m (19)

B) Lognormal Pool Size Distribution

Summary Statistics	mu	= 8.6523	MEAN	= 10533.	
	sig. sq	= 1.2200	S.D.	= 16275.	
Upper Percentiles	99.99%	= 94.118	60.00%	= 4326.4	15.00% = 17981.
	99.00%	= 438.25	55.00%	= 4981.6	10.00% = 23572.
	95.00%	= 930.31	50.00%	= 5723.4	8.00% = 27018.
	90.00%	= 1389.6	45.00%	= 6575.5	6.00% = 31876.
	85.00%	= 1821.7	40.00%	= 7571.5	5.00% = 35211.
	80.00%	= 2259.1	35.00%	= 8759.7	4.00% = 39577.
	75.00%	= 2717.1	30.00%	= 10214.	2.00% = 55312.
	70.00%	= 3207.0	25.00%	= 12056.	1.00% = 74745.
	65.00%	= 3739.5	20.00%	= 14500.	.01% = .34804E+06

C) No. of Pools Distribution

Lower Support = 0
Upper Support = 61
Expectation = 9.70
Standard Deviation= 12.61

D) Pool Sizes By Rank

Pool Rank			Distribution			
1	MEAN	= 50289.	S.D.	= 43669.	P(N>=r)	= .49723
	99%	= 3766.6	75%	= 24707.	10%	= 95042.
	95%	= 9780.9	50%	= 39662.	5%	= .12453E+06
	90%	= 14592.	25%	= 62180.	1%	= .21474E+06
2	MEAN	= 27784.	S.D.	= 17898.	P(N>=r)	= .48974
	99%	= 2002.7	75%	= 15546.	10%	= 49739.
	95%	= 5523.3	50%	= 24694.	5%	= 60331.
	90%	= 8673.5	25%	= 36062.	1%	= 87608.
3	MEAN	= 20226.	S.D.	= 12036.	P(N>=r)	= .47838

	99%	= 1438.0	75%	= 11611.	10%	= 35576.
	95%	= 3914.7	50%	= 18643.	5%	= 42017.
	90%	= 6259.5	25%	= 26696.	1%	= 57399.
4	MEAN	= 16175.	S.D.	= 9301.3	P(N>=r)	= .46502
	99%	= 1176.4	75%	= 9354.1	10%	= 28221.
	95%	= 3109.2	50%	= 15162.	5%	= 32881.
	90%	= 4972.7	25%	= 21542.	1%	= 43533.
5	MEAN	= 13564.	S.D.	= 7655.4	P(N>=r)	= .45092
	99%	= 1021.5	75%	= 7860.9	10%	= 23563.
	95%	= 2620.3	50%	= 12830.	5%	= 27230.
	90%	= 4163.8	25%	= 18166.	1%	= 35370.
6	MEAN	= 11704.	S.D.	= 6530.4	P(N>=r)	= .43664
	99%	= 913.89	75%	= 6784.1	10%	= 20282.
	95%	= 2282.5	50%	= 11127.	5%	= 23312.
	90%	= 3597.2	25%	= 15736.	1%	= 29899.
7	MEAN	= 10295.	S.D.	= 5700.4	P(N>=r)	= .42232
	99%	= 832.17	75%	= 5963.6	10%	= 17814.
	95%	= 2030.1	50%	= 9815.7	5%	= 20400.
	90%	= 3172.6	25%	= 13878.	1%	= 25929.
8	MEAN	= 9180.2	S.D.	= 5056.2	P(N>=r)	= .40799
	99%	= 766.85	75%	= 5314.3	10%	= 15873.
	95%	= 1832.3	50%	= 8767.2	5%	= 18129.
	90%	= 2840.2	25%	= 12400.	1%	= 22891.
9	MEAN	= 8272.2	S.D.	= 4537.7	P(N>=r)	= .39367
	99%	= 712.89	75%	= 4786.0	10%	= 14296.
	95%	= 1672.1	50%	= 7905.7	5%	= 16297.
	90%	= 2571.8	25%	= 11188.	1%	= 20476.
10	MEAN	= 7514.9	S.D.	= 4108.8	P(N>=r)	= .37936
	99%	= 667.24	75%	= 4346.8	10%	= 12984.
	95%	= 1539.1	50%	= 7182.9	5%	= 14780.
	90%	= 2349.6	25%	= 10173.	1%	= 18501.
11	MEAN	= 6871.6	S.D.	= 3746.6	P(N>=r)	= .36506
	99%	= 627.90	75%	= 3975.2	10%	= 11870.
	95%	= 1426.4	50%	= 6566.1	5%	= 13498.
	90%	= 2162.4	25%	= 9306.1	1%	= 16850.
12	MEAN	= 6316.9	S.D.	= 3435.7	P(N>=r)	= .35077
	99%	= 593.48	75%	= 3656.1	10%	= 10910.
	95%	= 1329.4	50%	= 6032.5	5%	= 12398.
	90%	= 2002.0	25%	= 8555.9	1%	= 15444.
13	MEAN	= 5832.7	S.D.	= 3165.1	P(N>=r)	= .33651
	99%	= 563.01	75%	= 3378.7	10%	= 10072.
	95%	= 1244.9	50%	= 5565.5	5%	= 11441.
	90%	= 1862.7	25%	= 7898.6	1%	= 14230.
14	MEAN	= 5405.6	S.D.	= 2927.0	P(N>=r)	= .32229
	99%	= 535.74	75%	= 3134.7	10%	= 9332.5
	95%	= 1170.3	50%	= 5152.8	5%	= 10599.
	90%	= 1740.4	25%	= 7316.9	1%	= 13168.
15	MEAN	= 5025.3	S.D.	= 2715.6	P(N>=r)	= .30812

	99%	= 511.09	75%	= 2918.1	10%	= 8674.3
	95%	= 1103.8	50%	= 4784.7	5%	= 9851.6
	90%	= 1631.7	25%	= 6797.7	1%	= 12231.
16	MEAN	= 4684.0	S.D.	= 2526.4	P(N>=r)	= .29402
	99%	= 488.60	75%	= 2723.9	10%	= 8083.9
	95%	= 1043.8	50%	= 4453.9	5%	= 9182.2
	90%	= 1534.2	25%	= 6330.8	1%	= 11396.
17	MEAN	= 4375.6	S.D.	= 2356.0	P(N>=r)	= .27999
	99%	= 467.88	75%	= 2548.5	10%	= 7550.6
	95%	= 989.29	50%	= 4154.7	5%	= 8578.8
	90%	= 1445.9	25%	= 5908.4	1%	= 10647.
18	MEAN	= 4095.1	S.D.	= 2201.7	P(N>=r)	= .26606
	99%	= 448.62	75%	= 2388.9	10%	= 7066.2
	95%	= 939.18	50%	= 3882.5	5%	= 8031.5
	90%	= 1365.2	25%	= 5524.2	1%	= 9969.8
19	MEAN	= 3838.8	S.D.	= 2061.3	P(N>=r)	= .25223
	99%	= 430.56	75%	= 2242.7	10%	= 6624.1
	95%	= 892.77	50%	= 3633.5	5%	= 7532.7
	90%	= 1290.8	25%	= 5172.8	1%	= 9354.8
20	MEAN	= 3603.4	S.D.	= 1932.9	P(N>=r)	= .23849
	99%	= 413.51	75%	= 2108.1	10%	= 6218.6
	95%	= 849.49	50%	= 3404.8	5%	= 7075.9
	90%	= 1221.9	25%	= 4850.0	1%	= 8793.3
21	MEAN	= 3386.5	S.D.	= 1815.2	P(N>=r)	= .22486
	99%	= 397.32	75%	= 1983.8	10%	= 5845.0
	95%	= 808.92	50%	= 3194.0	5%	= 6656.3
	90%	= 1157.7	25%	= 4552.5	1%	= 8278.5
22	MEAN	= 3185.9	S.D.	= 1706.9	P(N>=r)	= .21135
	99%	= 381.91	75%	= 1868.4	10%	= 5499.7
	95%	= 770.76	50%	= 2999.2	5%	= 6268.6
	90%	= 1097.7	25%	= 4277.6	1%	= 7804.9
23	MEAN	= 2999.8	S.D.	= 1606.9	P(N>=r)	= .19795
	99%	= 367.18	75%	= 1761.2	10%	= 5180.2
	95%	= 734.75	50%	= 2818.5	5%	= 5909.1
	90%	= 1041.5	25%	= 4022.8	1%	= 7367.8
24	MEAN	= 2827.0	S.D.	= 1514.3	P(N>=r)	= .18468
	99%	= 353.09	75%	= 1661.2	10%	= 4883.8
	95%	= 700.71	50%	= 2650.7	5%	= 5575.2
	90%	= 988.63	25%	= 3786.1	1%	= 6962.3
25	MEAN	= 2666.0	S.D.	= 1428.5	P(N>=r)	= .17156
	99%	= 339.59	75%	= 1567.9	10%	= 4608.0
	95%	= 668.47	50%	= 2494.5	5%	= 5265.2
	90%	= 938.90	25%	= 3565.9	1%	= 6585.3
26	MEAN	= 2515.9	S.D.	= 1348.7	P(N>=r)	= .15860
	99%	= 326.63	75%	= 1480.6	10%	= 4350.9
	95%	= 637.88	50%	= 2349.0	5%	= 4976.9
	90%	= 892.00	25%	= 3360.8	1%	= 6234.8
27	MEAN	= 2375.7	S.D.	= 1274.5	P(N>=r)	= .14584

	99%	= 314.18	75%	= 1398.8	10%	= 4111.0
	95%	= 608.83	50%	= 2213.3	5%	= 4708.2
	90%	= 847.74	25%	= 3169.4	1%	= 5910.4
28	MEAN	= 2244.7	S.D.	= 1205.4	P(N>=r)	= .13332
	99%	= 302.22	75%	= 1322.3	10%	= 3886.9
	95%	= 581.23	50%	= 2086.7	5%	= 4457.2
	90%	= 805.93	25%	= 2990.9	1%	= 5607.6
29	MEAN	= 2122.4	S.D.	= 1140.9	P(N>=r)	= .12106
	99%	= 290.73	75%	= 1250.6	10%	= 3677.6
	95%	= 555.00	50%	= 1968.7	5%	= 4222.4
	90%	= 766.46	25%	= 2824.2	1%	= 5321.1
30	MEAN	= 2008.1	S.D.	= 1080.7	P(N>=r)	= .10911
	99%	= 279.71	75%	= 1183.6	10%	= 3481.9
	95%	= 530.13	50%	= 1858.6	5%	= 4002.7
	90%	= 729.24	25%	= 2668.7	1%	= 5053.9
31	MEAN	= 1901.4	S.D.	= 1024.6	P(N>=r)	= .97543E-01
	99%	= 269.18	75%	= 1121.0	10%	= 3299.1
	95%	= 506.60	50%	= 1756.2	5%	= 3797.2
	90%	= 694.24	25%	= 2523.8	1%	= 4802.0
32	MEAN	= 1802.0	S.D.	= 972.10	P(N>=r)	= .86406E-01
	99%	= 259.14	75%	= 1062.7	10%	= 3128.4
	95%	= 484.41	50%	= 1661.0	5%	= 3605.0
	90%	= 661.41	25%	= 2388.8	1%	= 4567.0
33	MEAN	= 1709.5	S.D.	= 923.08	P(N>=r)	= .75774E-01
	99%	= 249.62	75%	= 1008.6	10%	= 2969.2
	95%	= 463.57	50%	= 1572.7	5%	= 3425.5
	90%	= 630.73	25%	= 2263.2	1%	= 4347.9
34	MEAN	= 1623.5	S.D.	= 877.28	P(N>=r)	= .65721E-01
	99%	= 240.63	75%	= 958.46	10%	= 2820.7
	95%	= 444.07	50%	= 1491.0	5%	= 3257.8
	90%	= 602.17	25%	= 2146.6	1%	= 4143.4
35	MEAN	= 1543.8	S.D.	= 834.50	P(N>=r)	= .56322E-01
	99%	= 232.18	75%	= 912.17	10%	= 2682.4
	95%	= 425.90	50%	= 1415.6	5%	= 3101.2
	90%	= 575.66	25%	= 2038.4	1%	= 3952.3

E) The mean of the potential = .10193E+06

PETRIMES MODULE MPRO

NO. OF POOLS DISTRIBUTION AND RISKS
****

UAI	C5A59501
PLAY	Whitehorse Tantalus Structural Gas Play
Assessor	Peter Hannigan
Geologist	Peter Hannigan
Operator	PH
Remarks	Intermontane Oil & Gas Assessment Project PH
Run date	MON, FEB 27, 1995, 3:53 PM

A) Risks

	GEOLOGICAL FACTOR		MARGINAL PROBABILITY
PLAY LEVEL	Overall Play Level Risk	=	1.00
PROSPECT LEVEL	Presence of Closure	(1)	.90
	Presence of Reservoir Facies	(2)	.80
	Adequate Seal	(4)	.90
	Adequate Timing	(5)	.50
	Adequate Source	(6)	.80
	Adequate Preservation	(8)	.33
	Overall Prospect Level Risk	=	.09
EXPLORATION RISK:		=	.09

B) No. of Prospects Distribution

Minimum	=	25
Maximum	=	100
Mean	=	56.62
S.D.	=	22.08

Frequency	No. of Prospects
99.00	25
95	28
90	30
80	35
75	38
60	45
50	50

40	60
25	75
20	80
10	90
5	95
1	99
0	100

C) No. of Pools Distribution

Minimum	=	0
Maximum	=	22
Mean	=	4.84
S.D.	=	2.83

Frequency	No. of Pools
97.77	0
95	1
90	2
80	2
75	3
60	4
50	4
40	5
25	7
20	7
10	9
5	10
1	13
0	22

PETRIMES MODULE PSRK

INDIVIDUAL POOL SIZES BY RANK
WHERE N IS A RANDOM VARIABLE
****

UAI	C5A59501
PLAY	Whitehorse Tantalus Structural Gas Play
Assessor	Peter Hannigan
Geologist	Peter Hannigan
Operator	PH
Remarks	Intermontane Oil & Gas Assessment Project PH
Run date	TUE, FEB 28, 1995, 8:16 AM

A) Basic Information

TYPE OF RESOURCE	=Gas In Place
SYSTEM OF MEASUREMENT	=S.I.
UNIT OF MEASUREMENT	=M cu m (19)

B) Lognormal Pool Size Distribution

Summary Statistics	mu	= 4.1733	MEAN	= 280.84		
	sig. sq	= 2.9290	S.D.	= 1181.9		
Upper Percentiles	99.99%	= .11174	60.00%	= 42.085	15.00%	= 382.63
	99.00%	= 1.2115	55.00%	= 52.363	10.00%	= 582.06
	95.00%	= 3.8892	50.00%	= 64.928	8.00%	= 719.08
	90.00%	= 7.2425	45.00%	= 80.506	6.00%	= 929.06
	85.00%	= 11.017	40.00%	= 100.17	5.00%	= 1083.9
	80.00%	= 15.377	35.00%	= 125.55	4.00%	= 1299.2
	75.00%	= 20.469	30.00%	= 159.29	2.00%	= 2182.3
	70.00%	= 26.464	25.00%	= 205.95	1.00%	= 3479.6
	65.00%	= 33.576	20.00%	= 274.15	.01%	= 37728.

C) No. of Pools Distribution

Lower Support	= 0
Upper Support	= 22
Expectation	= 4.84
Standard Deviation	= 2.83

D) Pool Sizes By Rank

Pool Rank			Distribution			
1	MEAN	= 953.86	S.D.	= 2482.0	P(N>=r)	= .97771
	99%	= 8.0240	75%	= 159.67	10%	= 2080.4
	95%	= 32.968	50%	= 396.56	5%	= 3396.2
	90%	= 62.845	25%	= 942.72	1%	= 8875.2
2	MEAN	= 251.83	S.D.	= 378.14	P(N>=r)	= .90522
	99%	= 2.9342	75%	= 56.315	10%	= 581.17
	95%	= 11.045	50%	= 138.83	5%	= 849.75
	90%	= 21.326	25%	= 303.11	1%	= 1729.7
3	MEAN	= 123.80	S.D.	= 162.75	P(N>=r)	= .78241

	99%	= 1.7491	75%	= 29.226	10%	= 289.03
	95%	= 5.9617	50%	= 72.560	5%	= 408.84
	90%	= 11.172	25%	= 156.40	1%	= 766.51
4	MEAN	= 75.722	S.D.	= 93.799	P(N>=r)	= .63463
	99%	= 1.2742	75%	= 18.614	10%	= 177.11
	95%	= 4.0524	50%	= 45.652	5%	= 246.69
	90%	= 7.3536	25%	= 97.492	1%	= 444.62
5	MEAN	= 51.871	S.D.	= 61.823	P(N>=r)	= .48901
	99%	= 1.0206	75%	= 13.330	10%	= 120.91
	95%	= 3.0895	50%	= 31.958	5%	= 166.83
	90%	= 5.4589	25%	= 67.374	1%	= 293.79
6	MEAN	= 37.993	S.D.	= 43.974	P(N>=r)	= .36113
	99%	= .85679	75%	= 10.199	10%	= 88.042
	95%	= 2.4968	50%	= 23.848	5%	= 120.69
	90%	= 4.3166	25%	= 49.559	1%	= 209.33
7	MEAN	= 29.077	S.D.	= 32.866	P(N>=r)	= .25611
	99%	= .73789	75%	= 8.1213	10%	= 66.936
	95%	= 2.0841	50%	= 18.547	5%	= 91.305
	90%	= 3.5378	25%	= 38.003	1%	= 156.70
8	MEAN	= 22.987	S.D.	= 25.464	P(N>=r)	= .17384
	99%	= .64647	75%	= 6.6533	10%	= 52.557
	95%	= 1.7780	50%	= 14.871	5%	= 71.409
	90%	= 2.9717	25%	= 30.070	1%	= 121.59
9	MEAN	= 18.661	S.D.	= 20.298	P(N>=r)	= .11234
	99%	= .57454	75%	= 5.5801	10%	= 42.375
	95%	= 1.5445	50%	= 12.232	5%	= 57.372
	90%	= 2.5472	25%	= 24.422	1%	= 97.059
10	MEAN	= 15.501	S.D.	= 16.569	P(N>=r)	= .68764E-01
	99%	= .51728	75%	= 4.7781	10%	= 34.955
	95%	= 1.3636	50%	= 10.290	5%	= 47.164
	90%	= 2.2231	25%	= 20.293	1%	= 79.324

E) The mean of the potential = 1359.2

PETRIMES MODULE MPRO

NO. OF POOLS DISTRIBUTION AND RISKS
****

UAI	C5A69501
PLAY	Whitehorse Tantalus Structural Oil Play
Assessor	Peter Hannigan
Geologist	Peter Hannigan
Operator	PH
Remarks	Intermontane Oil & Gas Assessment Project PH
Run date	TUE, FEB 28, 1995, 9:04 AM

A) Risks

	GEOLOGICAL FACTOR		MARGINAL PROBABILITY
PLAY LEVEL	Overall Play Level Risk	=	1.00
PROSPECT LEVEL	Presence of Closure	(1)	.90
	Presence of Reservoir Facies	(2)	.80
	Adequate Seal	(4)	.70
	Adequate Timing	(5)	.50
	Adequate Source	(6)	.80
	Adequate Preservation	(8)	.33
	Overall Prospect Level Risk	=	.07
EXPLORATION RISK:		=	.07

B) No. of Prospects Distribution

Minimum	=	1
Maximum	=	10
Mean	=	7.21
S.D.	=	2.74

Frequency	No. of Prospects
99.00	1
95	2
90	3
80	4
75	5
60	7
50	8

40	9
25	9
20	10
10	10
5	10
1	10
0	10

C) No. of Pools Distribution

Minimum	=	0
Maximum	=	6
Mean	=	.48
S.D.	=	.69

Frequency	No. of Pools
37.99	0
25	1
20	1
10	1
5	2
1	3
0	6

PETRIMES MODULE PSRK

INDIVIDUAL POOL SIZES BY RANK
WHERE N IS A RANDOM VARIABLE
****

UAI	C5A69501
PLAY	Whitehorse Tantalus Structural Oil Play
Assessor	Peter Hannigan
Geologist	Peter Hannigan
Operator	PH
Remarks	Intermontane Oil & Gas Assessment Project PH
Run date	TUE, FEB 28, 1995, 9:23 AM

A) Basic Information

TYPE OF RESOURCE =Oil In Place
SYSTEM OF MEASUREMENT =S.I.
UNIT OF MEASUREMENT =M cu m (19)

B) Lognormal Pool Size Distribution

Summary Statistics	mu	= .86504	MEAN	= 3.6951			
	sig. sq	= .88394	S.D.	= 4.4039			
Upper Percentiles	99.99%	= .71969E-01	60.00%	= 1.8717	15.00%	= 6.2932	
	99.00%	= .26656	55.00%	= 2.1104	10.00%	= 7.9243	
	95.00%	= .50590	50.00%	= 2.3751	8.00%	= 8.9001	
	90.00%	= .71187	45.00%	= 2.6730	6.00%	= 10.245	
	85.00%	= .89637	40.00%	= 3.0139	5.00%	= 11.151	
	80.00%	= 1.0765	35.00%	= 3.4120	4.00%	= 12.317	
	75.00%	= 1.2597	30.00%	= 3.8887	2.00%	= 16.378	
	70.00%	= 1.4506	25.00%	= 4.4780	1.00%	= 21.163	
	65.00%	= 1.6533	20.00%	= 5.2400	.01%	= 78.382	

C) No. of Pools Distribution

Lower Support = 0
Upper Support = 6
Expectation = .48
Standard Deviation= .69

D) Pool Sizes By Rank

Pool Rank			Distribution			
1	MEAN	= 4.1537	S.D.	= 4.7694	P(N>=r)	= .37994
	99%	= .29170	75%	= 1.4480	10%	= 8.8575
	95%	= .56565	50%	= 2.7395	5%	= 12.319
	90%	= .80556	25%	= 5.1003	1%	= 22.934
2	MEAN	= 2.0386	S.D.	= 1.7310	P(N>=r)	= .85386E-01
	99%	= .22256	75%	= .91034	10%	= 4.0661
	95%	= .40343	50%	= 1.5584	5%	= 5.2751
	90%	= .54994	25%	= 2.6053	1%	= 8.5229

E) The mean of the potential = 1.7522

PETRIMES MODULE MPRO

NO. OF POOLS DISTRIBUTION AND RISKS
****

UAI	C5A39501
PLAY	Whitehorse Takwahoni Structural Oil Play
Assessor	Peter Hannigan
Geologist	Peter Hannigan
Operator	PH
Remarks	Intermontane Oil & Gas Assessment Project PH
Run date	MON, FEB 27, 1995, 1:14 PM

A) Risks

	GEOLOGICAL FACTOR		MARGINAL PROBABILITY
PLAY LEVEL	Overall Play Level Risk	=	1.00
PROSPECT LEVEL	Presence of Closure	(1)	.50
	Presence of Reservoir Facies	(2)	.50
	Adequate Seal	(4)	.50
	Adequate Maturation	(7)	.90
	Adequate Preservation	(8)	.33
	Overall Prospect Level Risk	=	.04
EXPLORATION RISK:		=	.04

B) No. of Prospects Distribution

Minimum	=	10
Maximum	=	150
Mean	=	77.67
S.D.	=	40.81

Frequency	No. of Prospects
99.00	10
95	16
90	22
80	36
75	42
60	62
50	75

40	90
25	113
20	120
10	135
5	143
1	149
0	150

C) No. of Pools Distribution

Minimum	=	0
Maximum	=	17
Mean	=	2.88
S.D.	=	2.25

Frequency	No. of Pools
86.11	0
80	1
75	1
60	2
50	2
40	3
25	4
20	5
10	6
5	7
1	9
0	17

PETRIMES MODULE PSRK

INDIVIDUAL POOL SIZES BY RANK
WHERE N IS A RANDOM VARIABLE
****

UAI	C5A39501
PLAY	Whitehorse Takwahoni Structural Oil Play
Assessor	Peter Hannigan
Geologist	Peter Hannigan
Operator	PH
Remarks	Intermontane Oil & Gas Assessment Project PH
Run date	MON, FEB 27, 1995, 1:29 PM

A) Basic Information

TYPE OF RESOURCE =Oil In Place
SYSTEM OF MEASUREMENT =S.I.
UNIT OF MEASUREMENT =M cu m (19)

B) Lognormal Pool Size Distribution

Summary	mu	= .86886	MEAN	= 4.6011			
Statistics	sig. sq=	1.3149	S.D.	= 7.5943			
Upper	99.99% =	.33519E-01	60.00% =	1.7831	15.00% =	7.8249	
Percentiles	99.00% =	.16551	55.00% =	2.0643	10.00% =	10.365	
	95.00% =	.36159	50.00% =	2.3842	8.00% =	11.942	
	90.00% =	.54845	45.00% =	2.7537	6.00% =	14.178	
	85.00% =	.72645	40.00% =	3.1879	5.00% =	15.721	
	80.00% =	.90828	35.00% =	3.7088	4.00% =	17.749	
	75.00% =	1.1001	30.00% =	4.3500	2.00% =	25.125	
	70.00% =	1.3068	25.00% =	5.1670	1.00% =	34.344	
	65.00% =	1.5327	20.00% =	6.2584	.01% =	169.59	

C) No. of Pools Distribution

Lower Support = 0
Upper Support = 17
Expectation = 2.88
Standard Deviation= 2.25

D) Pool Sizes By Rank

Pool Rank			Distribution			
1	MEAN	= 9.3263	S.D.	= 11.945	P(N>=r)=	.86114
	99%	= .34025	75%	= 2.9530	10%	= 20.066
	95%	= .87714	50%	= 5.9591	5%	= 28.408
	90%	= 1.4230	25%	= 11.338	1%	= 55.664
2	MEAN	= 4.0267	S.D.	= 3.8102	P(N>=r)=	.67701
	99%	= .21978	75%	= 1.5437	10%	= 8.4158
	95%	= .50804	50%	= 2.9711	5%	= 11.049
	90%	= .78482	25%	= 5.2549	1%	= 18.293
3	MEAN	= 2.5434	S.D.	= 2.1844	P(N>=r)=	.49972

	99%	= .17090	75%	= 1.0469	10%	= 5.2217
	95%	= .37169	50%	= 1.9551	5%	= 6.6901
	90%	= .55576	25%	= 3.3665	1%	= 10.462
4	MEAN	= 1.8382	S.D.	= 1.4976	P(N>=r)	= .34604
	99%	= .14274	75%	= .79260	10%	= 3.7220
	95%	= .29797	50%	= 1.4426	5%	= 4.7123
	90%	= .43532	25%	= 2.4399	1%	= 7.1681
5	MEAN	= 1.4298	S.D.	= 1.1215	P(N>=r)	= .22335
	99%	= .12415	75%	= .63987	10%	= 2.8590
	95%	= .25153	50%	= 1.1385	5%	= 3.5926
	90%	= .36113	25%	= 1.8963	1%	= 5.3749
6	MEAN	= 1.1672	S.D.	= .88688	P(N>=r)	= .13368
	99%	= .11098	75%	= .53944	10%	= 2.3061
	95%	= .21974	50%	= .94082	5%	= 2.8812
	90%	= .31125	25%	= 1.5449	1%	= 4.2604
7	MEAN	= .98674	S.D.	= .72865	P(N>=r)	= .73982E-01
	99%	= .10119	75%	= .46921	10%	= 1.9271
	95%	= .19674	50%	= .80409	5%	= 2.3958
	90%	= .27569	25%	= 1.3030	1%	= 3.5094

E) The mean of the potential = 13.213