

GEOLOGIC ECONOMIC RESOURCE MODEL MODULE PSRK

Geologic Economic Resource Model (Ver 8.29.2005)

The Current UAI AAAAADAC is for

World Level - World Level Resources
Country Level - UNITED STATES OF AMERICA
Region Level - MMS - ALASKA REGION
Basin Level - CHUKCHI SEA SHELF
Play Level - Play 02 - Endicott - Arctic Platform
Geologist Kirk W. Sherwood
Remarks 2005 Assessment
Run date Date 16-SEP-05 Time 10:11:48

USER SUPPLIED PARAMETERS

RECOVERABLE RESOURCES? > R

B) Pool Size Distribution

Z PROB.

EXPECTATION = 61859.

S.D. = 0.11127E+06

MU = 10.231

SIG.SQ. = 1.6485

Prob. BOE (MBbl) Oil (MBbl) COil(MBbl) Gas (MMcf) SGas(MMcf)

Mean	%	61859.	3721.6	13114.	0.24653E+06	6499.7
TPF 100.00%	197.87	8.6578	41.224	816.94	14.778	
TPF 99.00%	1579.6	69.112	329.08	6521.4	117.97	
TPF 98.00%	2151.0	94.116	448.14	8880.7	160.65	
TPF 97.00%	2596.1	113.59	540.85	10718.	193.88	
TPF 96.00%	3011.9	131.78	627.49	12435.	224.94	
TPF 95.00%	3392.2	148.42	706.73	14005.	253.35	
TPF 90.00%	5241.2	229.32	1091.9	21639.	391.43	
TPF 85.00%	7085.0	317.72	1489.6	29114.	546.58	
TPF 80.00%	9000.2	409.54	1902.7	36879.	707.74	
TPF 75.00%	11197.	548.91	2355.6	45663.	939.96	
TPF 70.00%	13678.	706.33	2867.2	55585.	1202.2	
TPF 65.00%	16488.	865.13	3478.1	66744.	1506.5	
TPF 60.00%	19685.	1045.9	4173.3	79445.	1852.7	
TPF 55.00%	23366.	1212.8	4942.6	94628.	2093.5	
TPF 50.00%	27725.	1410.6	5853.7	0.11261E+06	2378.8	
TPF 45.00%	32849.	1834.1	6903.8	0.13234E+06	3164.3	
TPF 40.00%	39124.	2352.6	8189.5	0.15650E+06	4126.0	
TPF 35.00%	46582.	2671.6	9818.2	0.18691E+06	4692.0	
TPF 30.00%	56091.	3078.2	11895.	0.22567E+06	5413.5	

TPF	25.00%	68350.	4445.6	14486.	0.27001E+06	7722.1
TPF	20.00%	85100.	6313.9	18026.	0.33060E+06	10876.
TPF	15.00%	0.10888E+06	6273.0	22900.	0.43711E+06	10859.
TPF	10.00%	0.14737E+06	6206.7	30787.	0.60948E+06	10832.
TPF	5.00%	0.22799E+06	16212.	48314.	0.89045E+06	28246.
TPF	4.00%	0.25708E+06	19821.	54636.	0.99180E+06	34528.
TPF	3.00%	0.29631E+06	24690.	63166.	0.11285E+07	43002.
TPF	2.00%	0.36181E+06	32818.	77404.	0.13568E+07	57149.
TPF	1.00%	0.49342E+06	49150.	0.10601E+06	0.18154E+07	85574.
TPF	0.10%	0.12260E+07	0.14007E+06	0.26528E+06	0.43685E+07	0.24381E+06
TPF	0.00%	0.55652E+07	0.67854E+06	0.12086E+07	0.19490E+08	0.11810E+07

C) No.of Pools Distribution

Lower Support = 0
Upper Support = 16
Expectation = 1.98
Standard Deviation= 2.39

Rank 1 49.26% 0.16008E+06 0.28061E+06

Prob.	BOE (MBbl)	Oil (MBbl)	COil(MBbl)	Gas (MMcf)	SGas(MMcf)
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Mean	49.26%	0.16008E+06	7784.4	33551.	0.65379E+06	13578.
TPF	100.00%	197.87	8.6578	41.224	816.94	14.778
TPF	99.00%	5749.5	253.69	1201.6	23699.	434.20
TPF	98.00%	8614.8	391.06	1819.5	35316.	675.31
TPF	97.00%	11084.	541.74	2332.3	45211.	928.00
TPF	96.00%	13365.	686.47	2802.7	54334.	1169.2
TPF	95.00%	15502.	809.40	3263.7	62828.	1399.7
TPF	90.00%	24802.	1278.0	5242.8	0.10055E+06	2187.5
TPF	85.00%	33171.	1860.7	6969.8	0.13358E+06	3213.6
TPF	80.00%	41556.	2456.6	8720.6	0.16642E+06	4310.6
TPF	75.00%	49818.	2810.0	10525.	0.20010E+06	4937.5
TPF	70.00%	58341.	3329.1	12370.	0.23381E+06	5837.1
TPF	65.00%	67193.	4316.5	14241.	0.26583E+06	7504.1
TPF	60.00%	77349.	5449.4	16388.	0.30256E+06	9416.7
TPF	55.00%	87453.	6309.9	18508.	0.34113E+06	10875.
TPF	50.00%	99481.	6289.2	20973.	0.39500E+06	10866.
TPF	45.00%	0.11137E+06	6268.7	23410.	0.44827E+06	10858.
TPF	40.00%	0.12762E+06	6240.7	26740.	0.52103E+06	10846.
TPF	35.00%	0.14263E+06	6214.9	29815.	0.58824E+06	10835.
TPF	30.00%	0.16665E+06	8599.1	34978.	0.67667E+06	14996.
TPF	25.00%	0.19394E+06	11986.	40911.	0.77177E+06	20890.
TPF	20.00%	0.21954E+06	15163.	46477.	0.86100E+06	26421.
TPF	15.00%	0.25625E+06	19719.	54457.	0.98892E+06	34349.
TPF	10.00%	0.32155E+06	27822.	68652.	0.12165E+07	48454.
TPF	5.00%	0.45732E+06	44670.	98166.	0.16896E+07	77777.
TPF	4.00%	0.49153E+06	48915.	0.10560E+06	0.18088E+07	85166.
TPF	3.00%	0.69121E+06	73695.	0.14901E+06	0.25047E+07	0.12829E+06
TPF	2.00%	0.89863E+06	99435.	0.19410E+06	0.32275E+07	0.17310E+06
TPF	1.00%	0.11040E+07	0.12492E+06	0.23875E+06	0.39433E+07	0.21746E+06
TPF	0.10%	0.44856E+07	0.54457E+06	0.97387E+06	0.15728E+08	0.94785E+06
TPF	0.00%	0.55652E+07	0.67854E+06	0.12086E+07	0.19490E+08	0.11810E+07

Rank 2 45.91% 57838. 59534.

Prob.	BOE (MBbl)	Oil (MBbl)	COil(MBbl)	Gas (MMcf)	SGas(MMcf)
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Mean	45.91%	57838.	3273.0	12264.	0.23199E+06 5742.4
TPF 100.00%	197.87	8.6578	41.224	816.94	14.778
TPF 99.00%	2596.2	113.59	540.87	10718.	193.89
TPF 98.00%	3666.3	160.41	763.82	15136.	273.81
TPF 97.00%	4600.2	201.28	958.39	18992.	343.56
TPF 96.00%	5466.4	240.12	1140.5	22552.	410.38
TPF 95.00%	6273.6	278.82	1314.6	25824.	478.31
TPF 90.00%	9892.3	466.14	2086.6	40446.	802.05
TPF 85.00%	13359.	686.10	2801.5	54310.	1168.5
TPF 80.00%	16806.	883.12	3547.3	68009.	1540.9
TPF 75.00%	20296.	1073.6	4301.0	81966.	1892.7
TPF 70.00%	23871.	1235.8	5048.2	96713.	2126.6
TPF 65.00%	27632.	1406.4	5834.2	0.11223E+06	2372.7
TPF 60.00%	31692.	1738.5	6666.7	0.12789E+06	2986.9
TPF 55.00%	36098.	2102.6	7569.5	0.14485E+06	3662.2
TPF 50.00%	40769.	2423.0	8548.8	0.16321E+06	4250.9
TPF 45.00%	45777.	2637.1	9642.4	0.18362E+06	4630.9
TPF 40.00%	51719.	2891.2	10940.	0.20785E+06	5081.7
TPF 35.00%	58204.	3313.9	12341.	0.23331E+06	5811.5
TPF 30.00%	65852.	4166.9	13958.	0.26097E+06	7251.6
TPF 25.00%	75384.	5230.2	15972.	0.29545E+06	9046.7
TPF 20.00%	86393.	6311.7	18291.	0.33639E+06	10875.
TPF 15.00%	0.10211E+06	6284.6	21512.	0.40679E+06	10864.
TPF 10.00%	0.12550E+06	6244.4	26304.	0.51151E+06	10848.
TPF 5.00%	0.16956E+06	8959.8	35610.	0.68679E+06	15624.
TPF 4.00%	0.18577E+06	10972.	39134.	0.74329E+06	19125.
TPF 3.00%	0.20368E+06	13194.	43028.	0.80570E+06	22994.
TPF 2.00%	0.22428E+06	15751.	47507.	0.87750E+06	27444.
TPF 1.00%	0.27178E+06	21646.	57833.	0.10430E+07	37704.
TPF 0.10%	0.47882E+06	47339.	0.10284E+06	0.17646E+07	82423.
TPF 0.00%	0.55652E+07	0.67854E+06	0.12086E+07	0.19490E+08	0.11810E+07

Rank 3 38.62% 31607. 30844.

Prob.	BOE (MBbl)	Oil (MBbl)	COil(MBbl)	Gas (MMcf)	SGas(MMcf)
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Mean	38.62%	31607.	1731.4	6649.1	0.12756E+06 2973.8
TPF 100.00%	197.87	8.6578	41.224	816.94	14.778
TPF 99.00%	1719.4	75.231	358.22	7098.8	128.41
TPF 98.00%	2355.2	103.05	490.68	9723.7	175.90
TPF 97.00%	2863.9	125.31	596.66	11824.	213.89
TPF 96.00%	3317.2	145.14	691.09	13695.	247.74
TPF 95.00%	3738.3	163.56	778.81	15434.	279.19
TPF 90.00%	5708.9	251.74	1192.8	23535.	430.79
TPF 85.00%	7523.8	338.76	1584.2	30893.	583.51
TPF 80.00%	9295.1	428.26	1963.5	38058.	738.92
TPF 75.00%	11162.	546.71	2348.4	45524.	936.28
TPF 70.00%	13158.	673.34	2760.0	53506.	1147.3
TPF 65.00%	15258.	795.63	3210.7	61860.	1373.3

TPF	60.00%	17471.	920.71	3691.9	70651.	1613.0
TPF	55.00%	19806.	1051.4	4198.7	79945.	1860.6
TPF	50.00%	22426.	1170.2	4746.1	90750.	2032.0
TPF	45.00%	25321.	1301.6	5351.4	0.10270E+06	2221.5
TPF	40.00%	28501.	1474.7	6012.7	0.11560E+06	2497.7
TPF	35.00%	32131.	1774.7	6756.6	0.12958E+06	3054.2
TPF	30.00%	36505.	2136.2	7652.8	0.14642E+06	3724.6
TPF	25.00%	41593.	2458.2	8728.7	0.16657E+06	4313.4
TPF	20.00%	47741.	2721.1	10071.	0.19163E+06	4779.9
TPF	15.00%	55926.	3071.1	11859.	0.22500E+06	5400.9
TPF	10.00%	67958.	4401.8	14403.	0.26859E+06	7648.1
TPF	5.00%	90442.	6304.7	19120.	0.35452E+06	10873.
TPF	4.00%	98076.	6291.6	20685.	0.38871E+06	10867.
TPF	3.00%	0.10682E+06	6276.5	22477.	0.42787E+06	10861.
TPF	2.00%	0.12263E+06	6249.3	25718.	0.49869E+06	10850.
TPF	1.00%	0.14580E+06	6209.4	30466.	0.60246E+06	10833.
TPF	0.10%	0.24270E+06	18037.	51512.	0.94171E+06	31423.
TPF	0.00%	0.55652E+07	0.67854E+06	0.12086E+07	0.19490E+08	0.11810E+07

Rank 4 28.41% 20435. 19471.

Prob.	BOE (MBbl)	Oil (MBbl)	COil(MBbl)	Gas (MMcf)	SGas(MMcf)	
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Mean	28.41%	20435.	1079.9	4330.0	82538.	1901.8
TPF	100.00%	197.87	8.6578	41.224	816.94	14.778
TPF	99.00%	1142.2	49.973	237.95	4715.5	85.301
TPF	98.00%	1786.8	78.180	372.26	7377.0	133.45
TPF	97.00%	2167.9	94.854	451.65	8950.3	161.91
TPF	96.00%	2466.6	107.93	513.89	10184.	184.22
TPF	95.00%	2752.7	120.44	573.50	11365.	205.59
TPF	90.00%	4007.6	175.35	834.93	16546.	299.31
TPF	85.00%	5196.6	227.37	1082.6	21454.	388.10
TPF	80.00%	6361.6	283.04	1333.6	26181.	485.71
TPF	75.00%	7527.8	338.95	1585.1	30909.	583.85
TPF	70.00%	8711.7	395.71	1840.5	35709.	683.47
TPF	65.00%	10022.	474.37	2113.3	40965.	815.75
TPF	60.00%	11399.	561.73	2397.3	46471.	961.31
TPF	55.00%	12937.	659.34	2714.5	52624.	1124.0
TPF	50.00%	14603.	758.60	3068.3	59258.	1302.4
TPF	45.00%	16399.	860.14	3458.9	66394.	1496.9
TPF	40.00%	18487.	978.13	3912.8	74686.	1723.0
TPF	35.00%	20811.	1096.9	4408.6	84089.	1926.4
TPF	30.00%	23451.	1216.7	4960.5	94980.	2099.1
TPF	25.00%	26765.	1367.1	5653.2	0.10865E+06	2316.0
TPF	20.00%	30837.	1667.8	6491.5	0.12459E+06	2855.9
TPF	15.00%	36224.	2113.0	7595.4	0.14534E+06	3681.6
TPF	10.00%	43933.	2558.3	9239.6	0.17611E+06	4490.9
TPF	5.00%	57707.	3258.5	12236.	0.23152E+06	5717.8
TPF	4.00%	62562.	3800.0	13262.	0.24908E+06	6632.1
TPF	3.00%	68241.	4433.4	14463.	0.26962E+06	7701.5
TPF	2.00%	77832.	5503.2	16490.	0.30431E+06	9507.7
TPF	1.00%	94110.	6298.4	19872.	0.37095E+06	10870.
TPF	0.10%	0.15428E+06	7064.2	32290.	0.63356E+06	12325.
TPF	0.00%	0.55652E+07	0.67854E+06	0.12086E+07	0.19490E+08	0.11810E+07

Rank 5 18.05% 14721. 13594.

Prob.	BOE (MBbl)	Oil (MBbl)	COil(MBbl)	Gas (MMcf)	SGas(MMcf)
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Mean	18.05%	14721.	765.27	3093.9	59727. 1315.2
TPF 100.00%	197.87	8.6578	41.224	816.94	14.778
TPF 99.00%	811.33	35.499	169.03	3349.6	60.593
TPF 98.00%	1425.4	62.365	296.95	5884.7	106.45
TPF 97.00%	1770.0	77.445	368.76	7307.6	132.19
TPF 96.00%	2024.5	88.581	421.78	8358.4	151.20
TPF 95.00%	2250.9	98.488	468.95	9293.2	168.11
TPF 90.00%	3188.2	139.49	664.21	13163.	238.11
TPF 85.00%	4029.2	176.29	839.42	16635.	300.92
TPF 80.00%	4874.1	213.26	1015.5	20123.	364.02
TPF 75.00%	5729.9	252.75	1197.3	23620.	432.55
TPF 70.00%	6599.5	294.45	1384.9	27146.	505.73
TPF 65.00%	7503.1	337.76	1579.8	30809.	581.76
TPF 60.00%	8448.4	383.09	1783.7	34642.	661.31
TPF 55.00%	9483.8	440.23	2002.4	38813.	758.87
TPF 50.00%	10639.	513.54	2240.7	43434.	881.02
TPF 45.00%	11926.	595.20	2506.0	48581.	1017.1
TPF 40.00%	13353.	685.70	2800.2	54285.	1167.9
TPF 35.00%	15021.	782.21	3159.1	60918.	1347.6
TPF 30.00%	16906.	888.75	3569.0	68405.	1551.7
TPF 25.00%	19180.	1017.3	4063.6	77440.	1798.1
TPF 20.00%	22024.	1152.0	4662.1	89092.	2005.7
TPF 15.00%	25769.	1321.9	5444.9	0.10454E+06	2250.8
TPF 10.00%	31183.	1696.4	6562.3	0.12592E+06	2908.8
TPF 5.00%	40967.	2431.4	8592.1	0.16402E+06	4265.9
TPF 4.00%	44190.	2569.3	9295.8	0.17715E+06	4510.4
TPF 3.00%	48411.	2749.8	10218.	0.19436E+06	4830.8
TPF 2.00%	54590.	3014.0	11567.	0.21955E+06	5299.6
TPF 1.00%	65749.	4155.4	13936.	0.26060E+06	7232.1
TPF 0.10%	0.10684E+06	6276.5	22481.	0.42796E+06	10861.
TPF 0.00%	0.55652E+07	0.67854E+06	0.12086E+07	0.19490E+08	0.11810E+07

Rank 6 9.91% 11441. 10183.

Prob.	BOE (MBbl)	Oil (MBbl)	COil(MBbl)	Gas (MMcf)	SGas(MMcf)
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Mean	9.91%	11441.	564.40	2405.9	46639. 965.76
TPF 100.00%	197.87	8.6578	41.224	816.94	14.778
TPF 99.00%	641.01	28.047	133.55	2646.5	47.874
TPF 98.00%	1086.0	47.517	226.26	4483.7	81.108
TPF 97.00%	1532.9	67.071	319.36	6328.7	114.48
TPF 96.00%	1745.9	76.391	363.74	7208.1	130.39
TPF 95.00%	1932.4	84.549	402.59	7978.0	144.32
TPF 90.00%	2709.0	118.53	564.38	11184.	202.32
TPF 85.00%	3379.6	147.87	704.10	13953.	252.40
TPF 80.00%	4023.9	176.06	838.33	16613.	300.52
TPF 75.00%	4687.1	205.08	976.49	19351.	350.05
TPF 70.00%	5371.7	235.58	1120.1	22168.	402.41
TPF 65.00%	6079.5	269.52	1272.7	25038.	461.98

TPF	60.00%	6815.9	304.82	1431.6	28023.	523.94
TPF	55.00%	7604.7	342.64	1601.7	31221.	590.32
TPF	50.00%	8444.4	382.89	1782.8	34625.	660.97
TPF	45.00%	9380.8	433.69	1981.1	38401.	747.98
TPF	40.00%	10466.	502.52	2204.8	42739.	862.66
TPF	35.00%	11690.	580.17	2457.2	47633.	992.04
TPF	30.00%	13127.	671.34	2753.5	53380.	1144.0
TPF	25.00%	14858.	773.00	3123.7	60270.	1330.0
TPF	20.00%	16965.	892.11	3581.9	68640.	1558.2
TPF	15.00%	19719.	1047.4	4180.5	79587.	1855.0
TPF	10.00%	23761.	1230.8	5025.1	96257.	2119.4
TPF	5.00%	31078.	1687.7	6540.7	0.12552E+06	2892.7
TPF	4.00%	33444.	1883.2	7025.6	0.13463E+06	3255.4
TPF	3.00%	36767.	2157.8	7706.5	0.14743E+06	3764.8
TPF	2.00%	41402.	2450.0	8687.0	0.16579E+06	4298.9
TPF	1.00%	49618.	2801.4	10481.	0.19928E+06	4922.3
TPF	0.10%	80412.	5790.9	17035.	0.31364E+06	9993.4
TPF	0.00%	0.55652E+07	0.67854E+06	0.12086E+07	0.19490E+08	0.11810E+07

Rank 7 4.75% 9391.4 8041.8

Prob.	BOE (MBbl)	Oil (MBbl)	COil(MBbl)	Gas (MMcf)	SGas(MMcf)	
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Mean	4.75%	9391.4	434.36	1983.3	38443.	749.09
TPF	100.00%	197.87	8.6578	41.224	816.94	14.778
TPF	99.00%	541.44	23.690	112.80	2235.4	40.437
TPF	98.00%	887.05	38.812	184.80	3662.2	66.249
TPF	97.00%	1234.7	54.024	257.24	5097.7	92.215
TPF	96.00%	1581.6	69.202	329.51	6529.8	118.12
TPF	95.00%	1727.2	75.571	359.84	7130.8	128.99
TPF	90.00%	2398.7	104.95	499.73	9903.1	179.14
TPF	85.00%	2969.6	129.93	618.68	12260.	221.79
TPF	80.00%	3499.1	153.10	728.99	14446.	261.33
TPF	75.00%	4033.4	176.48	840.30	16652.	301.23
TPF	70.00%	4590.2	200.84	956.31	18951.	342.82
TPF	65.00%	5172.5	226.32	1077.6	21355.	386.30
TPF	60.00%	5782.4	255.27	1208.7	23833.	436.97
TPF	55.00%	6425.6	286.11	1347.4	26440.	491.09
TPF	50.00%	7108.7	318.86	1494.7	29210.	548.58
TPF	45.00%	7865.6	355.14	1657.9	32279.	612.26
TPF	40.00%	8680.5	394.22	1833.7	35583.	680.84
TPF	35.00%	9650.5	450.80	2036.8	39479.	776.49
TPF	30.00%	10772.	521.95	2268.0	43964.	895.04
TPF	25.00%	12139.	608.69	2549.9	49431.	1039.6
TPF	20.00%	13791.	712.69	2891.7	56032.	1214.4
TPF	15.00%	16013.	838.30	3374.9	64859.	1455.1
TPF	10.00%	19189.	1017.8	4065.4	77473.	1799.0
TPF	5.00%	24889.	1281.9	5260.9	0.10091E+06	2193.2
TPF	4.00%	26773.	1367.4	5654.8	0.10868E+06	2316.5
TPF	3.00%	29296.	1540.5	6175.6	0.11866E+06	2619.6
TPF	2.00%	32798.	1829.9	6893.4	0.13215E+06	3156.5
TPF	1.00%	39319.	2361.0	8232.1	0.15730E+06	4140.8
TPF	0.10%	63233.	3874.8	13404.	0.25150E+06	6758.4
TPF	0.00%	0.55652E+07	0.67854E+06	0.12086E+07	0.19490E+08	0.11810E+07

Rank 8 2.01% 8023.3 6615.5

Prob.	BOE (MBbl)	Oil (MBbl)	COil(MBbl)	Gas (MMcf)	SGas(MMcf)	
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Mean	2.01%	8023.3	362.71	1692.0	32918.	625.54
TPF 100.00%	197.87	8.6578	41.224	816.94	14.778	
TPF 99.00%	477.78	20.905	99.540	1972.6	35.683	
TPF 98.00%	759.64	33.237	158.26	3136.2	56.733	
TPF 97.00%	1043.5	45.656	217.39	4308.1	77.931	
TPF 96.00%	1329.3	58.163	276.95	5488.2	99.280	
TPF 95.00%	1595.1	69.794	332.33	6585.7	119.13	
TPF 90.00%	2192.2	95.916	456.71	9050.6	163.72	
TPF 85.00%	2679.0	117.22	558.13	11060.	200.08	
TPF 80.00%	3146.0	137.65	655.43	12989.	234.96	
TPF 75.00%	3598.4	157.44	749.67	14856.	268.74	
TPF 70.00%	4065.3	177.87	846.94	16784.	303.61	
TPF 65.00%	4556.4	199.36	949.26	18811.	340.29	
TPF 60.00%	5075.1	222.06	1057.3	20953.	379.03	
TPF 55.00%	5624.7	247.71	1174.6	23194.	423.71	
TPF 50.00%	6211.1	275.82	1301.1	25571.	473.04	
TPF 45.00%	6841.5	306.05	1437.1	28127.	526.10	
TPF 40.00%	7542.4	339.65	1588.2	30968.	585.07	
TPF 35.00%	8321.1	376.99	1756.2	34126.	650.60	
TPF 30.00%	9214.5	423.14	1946.9	37736.	730.40	
TPF 25.00%	10340.	494.55	2178.9	42237.	849.37	
TPF 20.00%	11709.	581.37	2461.1	47709.	994.04	
TPF 15.00%	13502.	695.16	2830.9	54881.	1183.6	
TPF 10.00%	16120.	844.35	3398.1	65284.	1466.7	
TPF 5.00%	20764.	1094.8	4398.8	83895.	1923.3	
TPF 4.00%	22293.	1164.2	4718.5	90205.	2023.4	
TPF 3.00%	24313.	1255.8	5140.5	98534.	2155.5	
TPF 2.00%	27229.	1388.1	5750.0	0.11056E+06	2346.3	
TPF 1.00%	32413.	1798.1	6814.5	0.13066E+06	3097.5	
TPF 0.10%	51712.	2891.0	10939.	0.20782E+06	5081.2	
TPF 0.00%	0.55652E+07	0.67854E+06	0.12086E+07	0.19490E+08	0.11810E+07	

Rank 9 0.77% 7060.3 5618.3

Prob.	BOE (MBbl)	Oil (MBbl)	COil(MBbl)	Gas (MMcf)	SGas(MMcf)	
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Mean	0.77%	7060.3	316.54	1484.3	29014.	544.51
TPF 100.00%	197.87	8.6578	41.224	816.94	14.778	
TPF 99.00%	434.31	19.003	90.482	1793.1	32.436	
TPF 98.00%	672.54	29.426	140.11	2776.6	50.228	
TPF 97.00%	912.59	39.929	190.13	3767.7	68.156	
TPF 96.00%	1154.5	50.514	240.53	4766.5	86.224	
TPF 95.00%	1398.3	61.182	291.32	5773.1	104.43	
TPF 90.00%	2021.1	88.432	421.07	8344.3	150.95	
TPF 85.00%	2469.3	108.04	514.44	10195.	184.41	
TPF 80.00%	2887.2	126.33	601.52	11920.	215.63	
TPF 75.00%	3290.8	143.98	685.58	13586.	245.77	
TPF 70.00%	3695.4	161.69	769.88	15257.	275.99	
TPF 65.00%	4119.6	180.25	858.27	17008.	307.67	

TPF	60.00%	4569.6	199.94	952.01	18866.	341.27
TPF	55.00%	5049.2	220.92	1051.9	20846.	377.10
TPF	50.00%	5562.7	244.74	1161.3	22942.	418.49
TPF	45.00%	6117.0	271.31	1280.8	25189.	465.13
TPF	40.00%	6721.1	300.28	1411.1	27639.	515.97
TPF	35.00%	7398.9	332.77	1557.3	30387.	573.00
TPF	30.00%	8172.8	369.87	1724.2	33524.	638.12
TPF	25.00%	9063.7	413.57	1915.8	37133.	714.46
TPF	20.00%	10251.	488.91	2160.6	41881.	839.98
TPF	15.00%	11769.	585.22	2473.6	47951.	1000.4
TPF	10.00%	13959.	722.22	2928.3	56702.	1232.7
TPF	5.00%	17888.	944.26	3782.5	72306.	1658.1
TPF	4.00%	19152.	1015.7	4057.3	77326.	1795.0
TPF	3.00%	20862.	1099.3	4419.4	84301.	1929.7
TPF	2.00%	23237.	1207.0	4915.7	94098.	2085.1
TPF	1.00%	27591.	1404.6	5825.7	0.11206E+06	2370.0
TPF	0.10%	43611.	2544.5	9169.4	0.17480E+06	4466.5
TPF	0.00%	0.55652E+07	0.67854E+06	0.12086E+07	0.19490E+08	0.11810E+07

Rank 10 0.27% 6350.7 4890.3

Prob.	BOE (MBbl)	Oil (MBbl)	COil(MBbl)	Gas (MMcf)	SGas(MMcf)	

Mean	0.27%	6350.7	282.52	1331.2	26137.	484.79
TPF	100.00%	197.87	8.6578	41.224	816.94	14.778
TPF	99.00%	403.03	17.634	83.965	1663.9	30.100
TPF	98.00%	609.83	26.682	127.05	2517.7	45.544
TPF	97.00%	818.30	35.804	170.48	3378.4	61.114
TPF	96.00%	1028.5	45.000	214.27	4246.1	76.811
TPF	95.00%	1240.4	54.272	258.42	5121.1	92.638
TPF	90.00%	1888.8	82.643	393.51	7798.1	141.07
TPF	85.00%	2312.7	101.19	481.81	9548.0	172.72
TPF	80.00%	2689.4	117.67	560.31	11104.	200.86
TPF	75.00%	3061.3	133.94	637.78	12639.	228.63
TPF	70.00%	3423.5	149.79	713.24	14134.	255.68
TPF	65.00%	3797.3	166.15	791.11	15677.	283.60
TPF	60.00%	4194.8	183.54	873.93	17319.	313.29
TPF	55.00%	4619.8	202.13	962.47	19073.	345.03
TPF	50.00%	5077.1	222.14	1057.7	20961.	379.18
TPF	45.00%	5571.8	245.17	1163.2	22979.	419.25
TPF	40.00%	6112.6	271.10	1279.9	25171.	464.76
TPF	35.00%	6711.1	299.79	1409.0	27598.	515.12
TPF	30.00%	7395.1	332.59	1556.5	30371.	572.68
TPF	25.00%	8195.7	370.97	1729.1	33617.	640.04
TPF	20.00%	9160.3	419.70	1935.7	37519.	724.67
TPF	15.00%	10494.	504.30	2210.6	42851.	865.63
TPF	10.00%	12400.	625.24	2603.7	50474.	1067.1
TPF	5.00%	15753.	823.61	3318.4	63827.	1426.9
TPF	4.00%	16847.	885.47	3556.3	68174.	1545.4
TPF	3.00%	18327.	969.09	3878.0	74050.	1705.6
TPF	2.00%	20394.	1078.0	4321.5	82369.	1899.1
TPF	1.00%	24074.	1245.0	5090.6	97549.	2139.9
TPF	0.10%	37630.	2229.2	7883.5	0.15075E+06	3897.1
TPF	0.00%	0.55652E+07	0.67854E+06	0.12086E+07	0.19490E+08	0.11810E+07

Rank 11 0.09% 5804.0 4334.4

Prob.	BOE (MBbl)	Oil (MBbl)	COil(MBbl)	Gas (MMcf)	SGas(MMcf)	
----	-----	-----	-----	-----	-----	
Mean	0.09%	5804.0	256.31	1213.3	23920.	438.79
TPF 100.00%	197.87	8.6578	41.224	816.94	14.778	
TPF 99.00%	379.46	16.603	79.055	1566.6	28.339	
TPF 98.00%	562.55	24.614	117.20	2322.5	42.013	
TPF 97.00%	747.17	32.692	155.66	3084.8	55.802	
TPF 96.00%	933.37	40.838	194.45	3853.5	69.708	
TPF 95.00%	1121.2	49.055	233.58	4628.8	83.733	
TPF 90.00%	1788.7	78.262	372.65	7384.7	133.59	
TPF 85.00%	2193.8	95.989	457.06	9057.5	163.85	
TPF 80.00%	2534.9	110.91	528.12	10466.	189.32	
TPF 75.00%	2874.5	125.77	598.85	11867.	214.68	
TPF 70.00%	3210.4	140.47	668.85	13254.	239.77	
TPF 65.00%	3549.8	155.32	739.56	14656.	265.12	
TPF 60.00%	3906.1	170.91	813.79	16127.	291.73	
TPF 55.00%	4287.9	187.61	893.32	17703.	320.24	
TPF 50.00%	4699.5	205.62	979.08	19402.	350.98	
TPF 45.00%	5146.8	225.19	1072.3	21249.	384.38	
TPF 40.00%	5636.3	248.27	1177.1	23241.	424.68	
TPF 35.00%	6179.4	274.30	1294.3	25442.	470.38	
TPF 30.00%	6791.4	303.65	1426.3	27924.	521.88	
TPF 25.00%	7511.4	338.16	1581.6	30843.	582.46	
TPF 20.00%	8377.4	379.68	1768.3	34354.	655.33	
TPF 15.00%	9514.9	442.20	2008.8	38937.	762.15	
TPF 10.00%	11155.	546.27	2347.0	45497.	935.56	
TPF 5.00%	14113.	730.91	2961.8	57312.	1249.3	
TPF 4.00%	15104.	786.91	3177.2	61248.	1356.6	
TPF 3.00%	16334.	856.47	3444.8	66136.	1489.9	
TPF 2.00%	18191.	961.44	3848.6	73513.	1691.0	
TPF 1.00%	21388.	1123.1	4529.3	86471.	1964.2	
TPF 0.10%	32859.	1834.9	6905.7	0.13238E+06	3165.7	
TPF 0.00%	0.55652E+07	0.67854E+06	0.12086E+07	0.19490E+08	0.11810E+07	

Rank 12 0.03% 5360.9 3886.6

Prob.	BOE (MBbl)	Oil (MBbl)	COil(MBbl)	Gas (MMcf)	SGas(MMcf)	
----	-----	-----	-----	-----	-----	
Mean	0.03%	5360.9	235.06	1117.7	22124.	401.51
TPF 100.00%	197.87	8.6578	41.224	816.94	14.778	
TPF 99.00%	360.81	15.787	75.171	1489.6	26.947	
TPF 98.00%	525.14	22.977	109.41	2168.1	39.220	
TPF 97.00%	690.88	30.229	143.94	2852.4	51.598	
TPF 96.00%	858.07	37.544	178.77	3542.6	64.084	
TPF 95.00%	1026.7	44.923	213.90	4238.9	76.680	
TPF 90.00%	1709.2	74.785	356.09	7056.6	127.65	
TPF 85.00%	2084.7	91.212	434.31	8606.7	155.69	
TPF 80.00%	2406.5	105.30	501.37	9935.6	179.73	
TPF 75.00%	2721.5	119.08	566.99	11236.	203.26	
TPF 70.00%	3039.1	132.97	633.15	12547.	226.97	
TPF 65.00%	3350.0	146.57	697.92	13831.	250.19	

TPF	60.00%	3673.7	160.74	765.37	15167.	274.37
TPF	55.00%	4019.9	175.88	837.48	16596.	300.22
TPF	50.00%	4393.7	192.24	915.36	18140.	328.14
TPF	45.00%	4800.5	210.04	1000.1	19819.	358.52
TPF	40.00%	5247.6	229.63	1093.3	21665.	391.98
TPF	35.00%	5743.6	253.41	1200.3	23675.	433.71
TPF	30.00%	6303.7	280.26	1321.1	25946.	480.84
TPF	25.00%	6949.7	311.24	1460.4	28566.	535.20
TPF	20.00%	7741.4	349.19	1631.2	31775.	601.82
TPF	15.00%	8731.1	396.64	1844.6	35788.	685.09
TPF	10.00%	10213.	486.52	2152.8	41730.	835.99
TPF	5.00%	12807.	651.06	2687.6	52101.	1110.1
TPF	4.00%	13629.	703.22	2857.1	55389.	1197.1
TPF	3.00%	14782.	768.75	3107.3	59971.	1321.8
TPF	2.00%	16344.	857.01	3446.9	66174.	1490.9
TPF	1.00%	19155.	1015.9	4058.2	77342.	1795.4
TPF	0.10%	29220.	1534.1	6160.0	0.11837E+06	2607.9
TPF	0.00%	0.55652E+07	0.67854E+06	0.12086E+07	0.19490E+08	0.11810E+07

Rank 13 0.01% 4975.9 3499.2

Prob.	BOE (MBbl)	Oil (MBbl)	COil(MBbl)	Gas (MMcf)	SGas(MMcf)	
-----	-----	-----	-----	-----	-----	
Mean	0.01%	4975.9	217.72	1036.7	20544.	371.62
TPF	100.00%	197.87	8.6578	41.224	816.94	14.778
TPF	99.00%	345.15	15.102	71.908	1425.0	25.777
TPF	98.00%	493.70	21.601	102.86	2038.3	36.872
TPF	97.00%	643.55	28.158	134.08	2657.0	48.063
TPF	96.00%	794.73	34.772	165.57	3281.1	59.353
TPF	95.00%	947.25	41.446	197.35	3910.8	70.744
TPF	90.00%	1642.2	71.853	342.13	6780.0	122.65
TPF	85.00%	1982.1	86.726	412.95	8183.4	148.03
TPF	80.00%	2297.9	100.54	478.73	9486.8	171.61
TPF	75.00%	2591.5	113.39	539.89	10699.	193.54
TPF	70.00%	2882.2	126.11	600.46	11899.	215.25
TPF	65.00%	3175.6	138.95	661.60	13111.	237.17
TPF	60.00%	3474.9	152.04	723.94	14346.	259.52
TPF	55.00%	3789.8	165.82	789.55	15646.	283.04
TPF	50.00%	4130.2	180.71	860.47	17052.	308.46
TPF	45.00%	4501.2	196.94	937.75	18583.	336.17
TPF	40.00%	4909.2	214.80	1022.8	20268.	366.64
TPF	35.00%	5363.3	235.18	1118.3	22134.	401.71
TPF	30.00%	5875.9	259.75	1228.8	24212.	444.85
TPF	25.00%	6468.0	288.14	1356.5	26613.	494.67
TPF	20.00%	7176.0	322.08	1509.2	29483.	554.24
TPF	15.00%	8087.0	365.76	1705.7	33176.	630.90
TPF	10.00%	9358.4	432.27	1976.5	38311.	745.61
TPF	5.00%	11647.	577.48	2448.5	47464.	987.56
TPF	4.00%	12414.	626.16	2606.7	50532.	1068.7
TPF	3.00%	13373.	686.97	2804.3	54365.	1170.0
TPF	2.00%	14799.	769.70	3111.0	60039.	1323.7
TPF	1.00%	17241.	907.74	3642.0	69739.	1588.1
TPF	0.10%	25961.	1330.6	5485.0	0.10533E+06	2263.3
TPF	0.00%	0.55652E+07	0.67854E+06	0.12086E+07	0.19490E+08	0.11810E+07

Rank 14 0.00% 4603.1 3130.2

Prob.	BOE (MBbl)	Oil (MBbl)	COil(MBbl)	Gas (MMcf)	SGas(MMcf)	
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Mean	0.00%	4603.1	201.41	959.00	19004.	343.78
TPF	100.00%	197.87	8.6578	41.224	816.94	14.778
TPF	99.00%	330.64	14.467	68.884	1365.1	24.694
TPF	98.00%	464.56	20.326	96.784	1918.0	34.695
TPF	97.00%	599.65	26.237	124.93	2475.7	44.784
TPF	96.00%	735.94	32.200	153.32	3038.4	54.963
TPF	95.00%	873.45	38.217	181.97	3606.1	65.233
TPF	90.00%	1579.8	69.123	329.13	6522.4	117.99
TPF	85.00%	1886.3	82.535	392.99	7787.9	140.88
TPF	80.00%	2196.0	96.081	457.50	9066.2	164.00
TPF	75.00%	2460.8	107.67	512.67	10160.	183.78
TPF	70.00%	2731.7	119.52	569.10	11278.	204.01
TPF	65.00%	3010.2	131.71	627.14	12428.	224.82
TPF	60.00%	3282.5	143.62	683.87	13552.	245.15
TPF	55.00%	3569.8	156.19	743.72	14738.	266.61
TPF	50.00%	3877.1	169.64	807.74	16007.	289.56
TPF	45.00%	4212.1	184.29	877.53	17390.	314.58
TPF	40.00%	4580.8	200.43	954.34	18912.	342.11
TPF	35.00%	4991.5	218.40	1039.9	20608.	372.79
TPF	30.00%	5455.9	239.62	1138.2	22509.	409.50
TPF	25.00%	5992.1	265.32	1253.9	24683.	454.62
TPF	20.00%	6630.9	295.95	1391.7	27273.	508.38
TPF	15.00%	7441.3	334.80	1566.4	30558.	576.56
TPF	10.00%	8558.7	388.38	1807.4	35089.	670.59
TPF	5.00%	10546.	507.62	2221.4	43061.	871.16
TPF	4.00%	11173.	547.38	2350.6	45567.	937.41
TPF	3.00%	12057.	603.47	2532.9	49102.	1030.9
TPF	2.00%	13261.	679.87	2781.2	53917.	1158.2
TPF	1.00%	15406.	804.02	3243.0	62450.	1389.4
TPF	0.10%	22868.	1190.3	4838.6	92576.	2061.0
TPF	0.00%	0.55652E+07	0.67854E+06	0.12086E+07	0.19490E+08	0.11810E+07

Rank 15 0.00% 4174.5 2738.4

Prob.	BOE (MBbl)	Oil (MBbl)	COil(MBbl)	Gas (MMcf)	SGas(MMcf)	
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Mean	0.00%	4174.5	182.65	869.70	17235.	311.77
TPF	100.00%	197.87	8.6578	41.224	816.94	14.778
TPF	99.00%	314.00	13.739	65.418	1296.4	23.451
TPF	98.00%	431.11	18.863	89.815	1779.9	32.197
TPF	97.00%	549.21	24.030	114.42	2267.5	41.017
TPF	96.00%	668.33	29.242	139.24	2759.3	49.914
TPF	95.00%	788.49	34.500	164.27	3255.3	58.888
TPF	90.00%	1405.6	61.501	292.84	5803.2	104.98
TPF	85.00%	1775.0	77.664	369.80	7328.3	132.57
TPF	80.00%	2056.0	89.957	428.34	8488.3	153.55
TPF	75.00%	2307.7	100.97	480.77	9527.4	172.35
TPF	70.00%	2551.8	111.65	531.62	10535.	190.58
TPF	65.00%	2797.1	122.38	582.73	11548.	208.90

TPF	60.00%	3052.2	133.55	635.88	12601.	227.95
TPF	55.00%	3306.6	144.68	688.89	13652.	246.95
TPF	50.00%	3576.5	156.49	745.12	14766.	267.11
TPF	45.00%	3868.3	169.25	805.91	15971.	288.90
TPF	40.00%	4189.8	183.32	872.88	17298.	312.91
TPF	35.00%	4548.5	199.01	947.61	18779.	339.70
TPF	30.00%	4955.3	216.81	1032.4	20458.	370.08
TPF	25.00%	5426.4	238.20	1131.9	22389.	407.02
TPF	20.00%	5988.7	265.16	1253.2	24669.	454.34
TPF	15.00%	6693.5	298.95	1405.2	27527.	513.64
TPF	10.00%	7673.0	345.91	1616.4	31498.	596.07
TPF	5.00%	9324.4	430.11	1969.5	38175.	742.01
TPF	4.00%	9893.2	466.20	2086.8	40450.	802.14
TPF	3.00%	10610.	511.65	2234.5	43314.	877.87
TPF	2.00%	11639.	576.95	2446.7	47430.	986.67
TPF	1.00%	13440.	691.21	2818.1	54632.	1177.1
TPF	0.10%	19820.	1052.0	4201.5	80001.	1861.5
TPF	0.00%	0.55652E+07	0.67854E+06	0.12086E+07	0.19490E+08	0.11810E+07

Rank 16 0.00% 3563.5 2291.9

Prob.	BOE (MBbl)	Oil (MBbl)	COil(MBbl)	Gas (MMcf)	SGas(MMcf)	

Mean	0.00%	3563.5	155.91	742.40	14712.	266.13
TPF	100.00%	197.87	8.6578	41.224	816.94	14.778
TPF	99.00%	284.64	12.454	59.300	1175.1	21.258
TPF	98.00%	372.23	16.286	77.548	1536.8	27.799
TPF	97.00%	460.66	20.156	95.972	1901.9	34.404
TPF	96.00%	549.95	24.062	114.57	2270.5	41.072
TPF	95.00%	640.11	28.007	133.36	2642.8	47.806
TPF	90.00%	1104.7	48.336	230.16	4561.0	82.506
TPF	85.00%	1585.6	69.377	330.34	6546.4	118.42
TPF	80.00%	1799.6	78.738	374.91	7429.6	134.40
TPF	75.00%	2026.4	88.664	422.18	8366.3	151.34
TPF	70.00%	2242.1	98.099	467.11	9256.6	167.45
TPF	65.00%	2443.2	106.90	509.00	10087.	182.47
TPF	60.00%	2655.2	116.18	553.17	10962.	198.30
TPF	55.00%	2873.6	125.73	598.68	11864.	214.62
TPF	50.00%	3103.1	135.77	646.48	12811.	231.75
TPF	45.00%	3342.1	146.23	696.28	13798.	249.60
TPF	40.00%	3601.5	157.58	750.33	14869.	268.98
TPF	35.00%	3891.7	170.28	810.79	16067.	290.65
TPF	30.00%	4223.8	184.81	879.97	17438.	315.45
TPF	25.00%	4612.4	201.81	960.93	19043.	344.47
TPF	20.00%	5082.0	222.36	1058.8	20982.	379.55
TPF	15.00%	5676.7	250.20	1185.9	23404.	428.08
TPF	10.00%	6496.3	289.50	1362.6	26727.	497.05
TPF	5.00%	7879.8	355.83	1661.0	32336.	613.46
TPF	4.00%	8319.7	376.92	1755.9	34120.	650.48
TPF	3.00%	8877.9	403.68	1876.3	36383.	697.45
TPF	2.00%	9742.9	456.66	2055.8	39849.	786.25
TPF	1.00%	11202.	549.25	2356.7	45684.	940.52
TPF	0.10%	16527.	867.36	3486.7	66902.	1510.8
TPF	0.00%	0.55652E+07	0.67854E+06	0.12086E+07	0.19490E+08	0.11810E+07