

GEOLOGIC ECONOMIC RESOURCE MODEL MODULE PSRK

Geologic Economic Resource Model (Ver 8.29.2005)

The Current UAI AAAAAHAD is for

World Level - World Level Resources
Country Level - UNITED STATES OF AMERICA
Region Level - MMS - ALASKA REGION
Basin Level - NORTH ALEUTIAN BASIN
Play Level - Play 3 - Black Hills Uplift - Amak Basin
Geologist Sherwood / Comer / Larson
Remarks 2005 Assessment
Run date Date 16-SEP-05 Time 14:21:00

USER SUPPLIED PARAMETERS

RECOVERABLE RESOURCES? > R

B) Pool Size Distribution

Z PROB.

EXPECTATION = 0.14040E+06

S.D. = 0.32343E+06

MU = 10.662

SIG.SQ. = 2.6655

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

Mean	%	0.14040E+06	92839.	4956.5	0.19984E+06	39588.
TPF 100.00%	17.078	9.1528	0.87611	35.851	3.7664	
TPF 99.00%	777.08	416.46	39.864	1631.3	171.38	
TPF 98.00%	1271.6	681.49	65.233	2669.3	280.44	
TPF 97.00%	1751.7	938.77	89.860	3677.1	386.31	
TPF 96.00%	2204.9	1181.7	113.11	4628.5	486.26	
TPF 95.00%	2657.6	1424.3	136.33	5578.8	586.11	
TPF 90.00%	5118.4	2743.1	262.57	10745.	1128.8	
TPF 85.00%	7791.0	4366.6	376.27	15297.	1833.4	
TPF 80.00%	10884.	6245.6	507.87	20567.	2648.9	
TPF 75.00%	14598.	8431.8	668.48	27386.	3509.3	
TPF 70.00%	18867.	10945.	853.11	35226.	4498.4	
TPF 65.00%	23705.	13993.	1052.5	42870.	5799.2	
TPF 60.00%	29450.	17611.	1289.2	51945.	7343.5	
TPF 55.00%	36546.	22136.	1550.0	63041.	9232.4	
TPF 50.00%	44973.	27509.	1859.7	76220.	11476.	
TPF 45.00%	55176.	34313.	2214.6	90422.	14383.	
TPF 40.00%	67823.	42746.	2654.5	0.10802E+06	17987.	
TPF 35.00%	84374.	52915.	3363.3	0.13589E+06	22007.	
TPF 30.00%	0.10507E+06	65630.	4249.6	0.17073E+06	27034.	

TPF	25.00%	0.13350E+06	87525.	4818.4	0.19415E+06	37136.
TPF	20.00%	0.17329E+06	0.11817E+06	5614.4	0.22694E+06	51273.
TPF	15.00%	0.23301E+06	0.15317E+06	8412.3	0.33724E+06	64200.
TPF	10.00%	0.33514E+06	0.21302E+06	13197.	0.52587E+06	86306.
TPF	5.00%	0.56881E+06	0.40986E+06	15724.	0.63181E+06	0.17312E+06
TPF	4.00%	0.65999E+06	0.48667E+06	16710.	0.67315E+06	0.20700E+06
TPF	3.00%	0.79574E+06	0.60102E+06	18178.	0.73470E+06	0.25743E+06
TPF	2.00%	0.10204E+07	0.79025E+06	20607.	0.83655E+06	0.34089E+06
TPF	1.00%	0.14732E+07	0.11717E+07	25503.	0.10419E+07	0.50912E+06
TPF	0.10%	0.37612E+07	0.30991E+07	50243.	0.20793E+07	0.13592E+07
TPF	0.00%	0.11119E+08	0.92972E+07	0.12980E+06	0.54154E+07	0.40928E+07

C) No.of Pools Distribution

Lower Support = 0
Upper Support = 13
Expectation = 1.53
Standard Deviation= 2.12

Rank 1 41.28% 0.37814E+06 0.68713E+06

Prob.	BOE (MBbl)	Oil (MBbl)	COil(MBbl)	Gas (MMcf)	SGas(MMcf)
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Mean	41.28%	0.37814E+06	0.24924E+06	13662.	0.54536E+06	0.10228E+06
TPF	100.00%	17.078	9.1528	0.87611	35.851	3.7664
TPF	99.00%	5157.8	2767.1	264.25	10812.	1139.2
TPF	98.00%	9107.5	5166.3	432.28	17540.	2180.5
TPF	97.00%	12804.	7375.5	590.88	24091.	3093.6
TPF	96.00%	16344.	9459.9	744.00	30593.	3913.9
TPF	95.00%	19665.	11448.	886.01	36487.	4713.1
TPF	90.00%	35337.	21365.	1505.6	61152.	8910.6
TPF	85.00%	50856.	31432.	2064.3	84408.	13152.
TPF	80.00%	66370.	41778.	2604.0	0.10600E+06	17573.
TPF	75.00%	83297.	52253.	3317.2	0.13408E+06	21746.
TPF	70.00%	0.10120E+06	63254.	4084.0	0.16422E+06	26095.
TPF	65.00%	0.12125E+06	78091.	4573.3	0.18406E+06	32783.
TPF	60.00%	0.14278E+06	94676.	5004.2	0.20181E+06	40435.
TPF	55.00%	0.16637E+06	0.11284E+06	5476.1	0.22124E+06	48816.
TPF	50.00%	0.19489E+06	0.13083E+06	6626.6	0.26684E+06	55950.
TPF	45.00%	0.22408E+06	0.14793E+06	7993.8	0.32074E+06	62266.
TPF	40.00%	0.26364E+06	0.17112E+06	9847.4	0.39381E+06	70830.
TPF	35.00%	0.30615E+06	0.19603E+06	11839.	0.47233E+06	80032.
TPF	30.00%	0.35942E+06	0.23347E+06	13460.	0.53687E+06	95326.
TPF	25.00%	0.44422E+06	0.30491E+06	14377.	0.57532E+06	0.12683E+06
TPF	20.00%	0.52394E+06	0.37207E+06	15239.	0.61147E+06	0.15645E+06
TPF	15.00%	0.62807E+06	0.45978E+06	16365.	0.65868E+06	0.19514E+06
TPF	10.00%	0.83486E+06	0.63398E+06	18601.	0.75244E+06	0.27197E+06
TPF	5.00%	0.13019E+07	0.10274E+07	23650.	0.96419E+06	0.44547E+06
TPF	4.00%	0.14291E+07	0.11346E+07	25026.	0.10219E+07	0.49274E+06
TPF	3.00%	0.19331E+07	0.15592E+07	30476.	0.12504E+07	0.68001E+06
TPF	2.00%	0.26338E+07	0.21494E+07	38053.	0.15681E+07	0.94033E+06
TPF	1.00%	0.33278E+07	0.27341E+07	45558.	0.18828E+07	0.11982E+07
TPF	0.10%	0.91374E+07	0.76280E+07	0.10838E+06	0.45169E+07	0.33566E+07
TPF	0.00%	0.11119E+08	0.92972E+07	0.12980E+06	0.54154E+07	0.40928E+07

Rank 2 38.00% 0.11027E+06 0.14857E+06

Prob.	BOE (MBbl)	Oil (MBbl)	COil(MBbl)	Gas (MMcf)	SGas(MMcf)
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Mean	38.00%	0.11027E+06	69639.	4353.7	0.17502E+06 28884.
TPF 100.00%	17.078	9.1528	0.87611	35.851	3.7664
TPF 99.00%	1553.7	832.67	79.704	3261.5	342.65
TPF 98.00%	2652.6	1421.6	136.08	5568.3	585.00
TPF 97.00%	3755.8	2012.8	192.67	7884.2	828.30
TPF 96.00%	4792.0	2568.2	245.83	10059.	1056.8
TPF 95.00%	5825.5	3172.6	292.66	11949.	1315.2
TPF 90.00%	10815.	6203.7	504.94	20449.	2630.8
TPF 85.00%	16203.	9376.9	737.91	30334.	3881.3
TPF 80.00%	21627.	12684.	966.88	39587.	5240.6
TPF 75.00%	27282.	16246.	1199.9	48521.	6760.8
TPF 70.00%	33498.	20192.	1438.0	58276.	8421.1
TPF 65.00%	40248.	24496.	1686.1	68832.	10218.
TPF 60.00%	47495.	29191.	1947.4	79730.	12194.
TPF 55.00%	55269.	34375.	2217.8	90550.	14409.
TPF 50.00%	64413.	40473.	2535.9	0.10328E+06	17015.
TPF 45.00%	74861.	47070.	2955.9	0.11987E+06	19696.
TPF 40.00%	86433.	54180.	3451.5	0.13936E+06	22507.
TPF 35.00%	0.10011E+06	62585.	4037.4	0.16239E+06	25830.
TPF 30.00%	0.11689E+06	74735.	4486.1	0.18047E+06	31235.
TPF 25.00%	0.13645E+06	89801.	4877.5	0.19659E+06	38186.
TPF 20.00%	0.16322E+06	0.11042E+06	5413.1	0.21865E+06	47697.
TPF 15.00%	0.20024E+06	0.13396E+06	6877.1	0.27671E+06	57107.
TPF 10.00%	0.25530E+06	0.16623E+06	9456.6	0.37841E+06	69025.
TPF 5.00%	0.36467E+06	0.23789E+06	13516.	0.53925E+06	97278.
TPF 4.00%	0.41544E+06	0.28066E+06	14065.	0.56227E+06	0.11614E+06
TPF 3.00%	0.47161E+06	0.32798E+06	14673.	0.58774E+06	0.13701E+06
TPF 2.00%	0.53633E+06	0.38250E+06	15373.	0.61709E+06	0.16106E+06
TPF 1.00%	0.66656E+06	0.49220E+06	16781.	0.67613E+06	0.20944E+06
TPF 0.10%	0.13767E+07	0.10904E+07	24460.	0.99813E+06	0.47329E+06
TPF 0.00%	0.11119E+08	0.92972E+07	0.12980E+06	0.54154E+07	0.40928E+07

Rank 3 30.94% 51775. 65589.

Prob.	BOE (MBbl)	Oil (MBbl)	COil(MBbl)	Gas (MMcf)	SGas(MMcf)
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Mean	30.94%	51775.	32045.	2096.3	85687. 13414.
TPF 100.00%	17.078	9.1528	0.87611	35.851	3.7664
TPF 99.00%	812.78	435.60	41.696	1706.2	179.25
TPF 98.00%	1331.3	713.50	68.297	2794.7	293.61
TPF 97.00%	1823.2	977.09	93.528	3827.2	402.08
TPF 96.00%	2283.3	1223.7	117.13	4793.1	503.56
TPF 95.00%	2742.1	1469.6	140.67	5756.2	604.74
TPF 90.00%	5087.6	2726.6	260.99	10680.	1122.0
TPF 85.00%	7463.1	4167.4	362.32	14739.	1747.0
TPF 80.00%	10009.	5714.1	470.65	19076.	2418.2
TPF 75.00%	12805.	7376.4	590.94	24094.	3094.0
TPF 70.00%	15818.	9150.5	721.27	29628.	3792.2
TPF 65.00%	19013.	11037.	859.13	35456.	4537.7

TPF	60.00%	22525.	13249.	1003.9	41005.	5481.9
TPF	55.00%	26400.	15690.	1163.6	47127.	6523.6
TPF	50.00%	30689.	18401.	1334.8	53883.	7673.3
TPF	45.00%	35682.	21585.	1518.3	61691.	9002.4
TPF	40.00%	41484.	25284.	1731.5	70763.	10547.
TPF	35.00%	48081.	29582.	1967.8	80546.	12361.
TPF	30.00%	55721.	34676.	2233.6	91180.	14538.
TPF	25.00%	65460.	41171.	2572.3	0.10474E+06	17313.
TPF	20.00%	78296.	49181.	3103.0	0.12566E+06	20531.
TPF	15.00%	95374.	59674.	3834.4	0.15441E+06	24679.
TPF	10.00%	0.12124E+06	78081.	4573.1	0.18405E+06	32779.
TPF	5.00%	0.16947E+06	0.11523E+06	5538.1	0.22380E+06	49918.
TPF	4.00%	0.18807E+06	0.12683E+06	6306.9	0.25424E+06	54473.
TPF	3.00%	0.21162E+06	0.14063E+06	7410.3	0.29774E+06	59571.
TPF	2.00%	0.24524E+06	0.16034E+06	8985.6	0.35983E+06	66848.
TPF	1.00%	0.31170E+06	0.19928E+06	12099.	0.48257E+06	81233.
TPF	0.10%	0.57497E+06	0.41505E+06	15790.	0.63461E+06	0.17541E+06
TPF	0.00%	0.11119E+08	0.92972E+07	0.12980E+06	0.54154E+07	0.40928E+07

Rank 4 21.41% 29895. 37069.

Prob.	BOE (MBbl)	Oil (MBbl)	COil(MBbl)	Gas (MMcf)	SGas(MMcf)	
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Mean	21.41%	29895.	17895.	1305.6	52642.	7462.1
TPF 100.00%	17.078	9.1528	0.87611	35.851	3.7664	
TPF 99.00%	465.85	249.67	23.898	977.92	102.74	
TPF 98.00%	865.66	463.94	44.408	1817.2	190.91	
TPF 97.00%	1155.9	619.47	59.296	2426.4	254.92	
TPF 96.00%	1440.2	771.84	73.881	3023.2	317.62	
TPF 95.00%	1720.4	921.99	88.254	3611.4	379.41	
TPF 90.00%	3067.1	1643.8	157.34	6438.4	676.41	
TPF 85.00%	4479.8	2400.9	229.81	9404.0	987.97	
TPF 80.00%	5950.4	3248.5	297.97	12162.	1348.1	
TPF 75.00%	7472.8	4173.3	362.74	14755.	1749.5	
TPF 70.00%	9188.1	5215.2	435.71	17677.	2201.7	
TPF 65.00%	10980.	6301.9	512.01	20742.	2671.1	
TPF 60.00%	13134.	7570.2	605.18	24698.	3170.2	
TPF 55.00%	15430.	8921.7	704.46	28914.	3702.1	
TPF 50.00%	17997.	10433.	815.51	33629.	4297.0	
TPF 45.00%	20872.	12208.	935.76	38394.	5037.6	
TPF 40.00%	24018.	14190.	1065.4	43365.	5883.4	
TPF 35.00%	27861.	16610.	1223.8	49436.	6916.4	
TPF 30.00%	32508.	19561.	1401.6	56727.	8157.5	
TPF 25.00%	38156.	23162.	1609.2	65559.	9661.0	
TPF 20.00%	45235.	27684.	1868.8	76585.	11550.	
TPF 15.00%	54904.	34131.	2205.1	90043.	14305.	
TPF 10.00%	69683.	43889.	2734.2	0.11116E+06	18439.	
TPF 5.00%	98095.	61345.	3950.9	0.15899E+06	25340.	
TPF 4.00%	0.10734E+06	67376.	4295.0	0.17260E+06	27840.	
TPF 3.00%	0.12125E+06	78093.	4573.4	0.18406E+06	32784.	
TPF 2.00%	0.14066E+06	93037.	4961.6	0.20005E+06	39679.	
TPF 1.00%	0.17619E+06	0.11987E+06	5750.7	0.23231E+06	51903.	
TPF 0.10%	0.32439E+06	0.20672E+06	12694.	0.50602E+06	83980.	
TPF 0.00%	0.11119E+08	0.92972E+07	0.12980E+06	0.54154E+07	0.40928E+07	

Rank 5 12.36% 19663. 23828.

Prob.	BOE (MBbl)	Oil (MBbl)	COil(MBbl)	Gas (MMcf)	SGas(MMcf)	
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Mean	12.36%	19663.	11447.	885.93	36484.	4712.5
TPF 100.00%	17.078	9.1528	0.87611	35.851	3.7664	
TPF 99.00%	309.29	165.76	15.866	649.26	68.210	
TPF 98.00%	602.28	322.78	30.897	1264.3	132.83	
TPF 97.00%	854.52	457.96	43.837	1793.8	188.46	
TPF 96.00%	1046.2	560.71	53.672	2196.3	230.74	
TPF 95.00%	1238.5	663.76	63.536	2599.9	273.14	
TPF 90.00%	2157.5	1156.3	110.68	4529.1	475.82	
TPF 85.00%	3096.7	1659.6	158.86	6500.5	682.94	
TPF 80.00%	4098.8	2196.7	210.27	8604.2	903.95	
TPF 75.00%	5124.0	2746.5	262.81	10754.	1130.3	
TPF 70.00%	6265.4	3439.8	311.37	12698.	1431.2	
TPF 65.00%	7440.0	4153.3	361.34	14699.	1740.9	
TPF 60.00%	8789.1	4972.9	418.73	16997.	2096.5	
TPF 55.00%	10246.	5858.1	480.73	19480.	2480.7	
TPF 50.00%	11943.	6869.0	553.67	22511.	2894.3	
TPF 45.00%	13859.	7996.7	636.51	26029.	3338.1	
TPF 40.00%	16077.	9302.9	732.47	30103.	3852.1	
TPF 35.00%	18565.	10767.	840.05	34671.	4428.5	
TPF 30.00%	21573.	12650.	964.64	39501.	5226.0	
TPF 25.00%	25153.	14905.	1112.2	45157.	6188.3	
TPF 20.00%	29674.	17754.	1297.5	52296.	7403.2	
TPF 15.00%	36130.	21870.	1534.7	62391.	9121.6	
TPF 10.00%	45696.	27992.	1884.9	77227.	11682.	
TPF 5.00%	63728.	40016.	2512.1	0.10232E+06	16820.	
TPF 4.00%	69846.	43990.	2741.2	0.11143E+06	18478.	
TPF 3.00%	78661.	49405.	3118.7	0.12627E+06	20619.	
TPF 2.00%	91273.	57154.	3658.8	0.14750E+06	23683.	
TPF 1.00%	0.11443E+06	72841.	4436.9	0.17845E+06	30361.	
TPF 0.10%	0.20946E+06	0.13936E+06	7309.0	0.29374E+06	59102.	
TPF 0.00%	0.11119E+08	0.92972E+07	0.12980E+06	0.54154E+07	0.40928E+07	

Rank 6 5.92% 14157. 16714.

Prob.	BOE (MBbl)	Oil (MBbl)	COil(MBbl)	Gas (MMcf)	SGas(MMcf)	
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Mean	5.92%	14157.	8172.6	649.43	26578.	3407.3
TPF 100.00%	17.078	9.1528	0.87611	35.851	3.7664	
TPF 99.00%	228.17	122.28	11.705	478.97	50.320	
TPF 98.00%	440.39	236.02	22.592	924.46	97.123	
TPF 97.00%	653.77	350.37	33.538	1372.4	144.18	
TPF 96.00%	836.45	448.28	42.910	1755.9	184.47	
TPF 95.00%	976.83	523.52	50.111	2050.6	215.43	
TPF 90.00%	1678.8	899.71	86.121	3524.1	370.24	
TPF 85.00%	2357.5	1263.4	120.94	4948.8	519.91	
TPF 80.00%	3088.5	1655.2	158.44	6483.3	681.13	
TPF 75.00%	3872.9	2075.6	198.68	8130.0	854.12	
TPF 70.00%	4688.0	2512.4	240.49	9841.0	1033.9	
TPF 65.00%	5574.0	3019.8	281.95	11521.	1248.9	

TPF	60.00%	6540.2	3606.8	323.06	13167.	1503.6
TPF	55.00%	7556.3	4224.0	366.29	14897.	1771.5
TPF	50.00%	8763.0	4957.0	417.62	16953.	2089.7
TPF	45.00%	10087.	5761.1	473.94	19208.	2438.7
TPF	40.00%	11632.	6685.9	540.22	21940.	2822.2
TPF	35.00%	13481.	7774.3	620.17	25335.	3250.5
TPF	30.00%	15648.	9050.4	713.91	29315.	3752.7
TPF	25.00%	18259.	10587.	826.81	34109.	4357.5
TPF	20.00%	21570.	12648.	964.51	39497.	5225.2
TPF	15.00%	25969.	15419.	1145.8	46447.	6407.8
TPF	10.00%	32697.	19682.	1408.6	57024.	8208.0
TPF	5.00%	45194.	27656.	1867.4	76527.	11539.
TPF	4.00%	49744.	30691.	2025.7	82861.	12835.
TPF	3.00%	55265.	34372.	2217.7	90545.	14408.
TPF	2.00%	64102.	40265.	2525.1	0.10284E+06	16926.
TPF	1.00%	80343.	50439.	3190.7	0.12910E+06	21028.
TPF	0.10%	0.14524E+06	96565.	5053.3	0.20383E+06	41307.
TPF	0.00%	0.11119E+08	0.92972E+07	0.12980E+06	0.54154E+07	0.40928E+07

Rank 7 2.36% 10876. 12493.

	Prob.	BOE (MBbl)	Oil (MBbl)	COil(MBbl)	Gas (MMcf)	SGas(MMcf)
	-----	-----	-----	-----	-----	-----
Mean	2.36%	10876.	6240.8	507.53	20553.	2646.8
TPF	100.00%	17.078	9.1528	0.87611	35.851	3.7664
TPF	99.00%	180.31	96.634	9.2499	378.51	39.765
TPF	98.00%	344.65	184.71	17.680	723.49	76.009
TPF	97.00%	510.12	273.39	26.169	1070.8	112.50
TPF	96.00%	676.73	362.68	34.716	1420.6	149.25
TPF	95.00%	820.96	439.98	42.115	1723.4	181.06
TPF	90.00%	1375.7	737.26	70.571	2887.8	303.39
TPF	85.00%	1927.5	1033.0	98.883	4046.3	425.10
TPF	80.00%	2479.8	1329.0	127.22	5205.7	546.90
TPF	75.00%	3090.7	1656.4	158.55	6488.1	681.63
TPF	70.00%	3746.6	2008.0	192.20	7865.0	826.28
TPF	65.00%	4436.0	2377.4	227.57	9312.0	978.31
TPF	60.00%	5167.3	2772.8	264.66	10828.	1141.7
TPF	55.00%	6005.2	3281.8	300.30	12255.	1362.6
TPF	50.00%	6899.0	3824.8	338.33	13778.	1598.3
TPF	45.00%	7869.9	4414.5	379.63	15432.	1854.2
TPF	40.00%	9073.9	5145.9	430.85	17483.	2171.6
TPF	35.00%	10393.	5946.9	486.95	19729.	2519.3
TPF	30.00%	12052.	6933.1	558.38	22711.	2919.5
TPF	25.00%	14042.	8104.5	644.43	26365.	3380.5
TPF	20.00%	16617.	9620.4	755.79	31094.	3977.1
TPF	15.00%	19962.	11635.	898.27	36957.	4793.0
TPF	10.00%	24879.	14732.	1100.9	44724.	6114.7
TPF	5.00%	34279.	20690.	1466.7	59498.	8629.1
TPF	4.00%	37475.	22728.	1584.2	64495.	9479.9
TPF	3.00%	41900.	25550.	1746.8	71414.	10658.
TPF	2.00%	48284.	29717.	1974.9	80828.	12419.
TPF	1.00%	59992.	37525.	2382.1	97125.	15755.
TPF	0.10%	0.10645E+06	66694.	4277.2	0.17187E+06	27525.
TPF	0.00%	0.11119E+08	0.92972E+07	0.12980E+06	0.54154E+07	0.40928E+07

Rank 8 0.78% 8761.1 9794.3

Prob.	BOE (MBbl)	Oil (MBbl)	COil(MBbl)	Gas (MMcf)	SGas(MMcf)	
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Mean	0.78%	8761.1	4955.8	417.54	16950.	2089.2
TPF 100.00%	17.078	9.1528	0.87611	35.851	3.7664	
TPF 99.00%	149.36	80.045	7.6620	313.53	32.939	
TPF 98.00%	282.64	151.48	14.500	593.33	62.334	
TPF 97.00%	416.96	223.46	21.390	875.28	91.956	
TPF 96.00%	552.32	296.01	28.334	1159.4	121.81	
TPF 95.00%	688.75	369.12	35.333	1445.8	151.90	
TPF 90.00%	1174.3	629.36	60.243	2465.2	258.99	
TPF 85.00%	1637.6	877.62	84.007	3437.6	361.15	
TPF 80.00%	2098.4	1124.6	107.65	4405.0	462.78	
TPF 75.00%	2574.6	1379.8	132.08	5404.6	567.80	
TPF 70.00%	3111.9	1667.8	159.64	6532.6	686.31	
TPF 65.00%	3687.1	1976.1	189.15	7740.0	813.16	
TPF 60.00%	4297.3	2303.1	220.45	9020.9	947.73	
TPF 55.00%	4948.0	2651.8	253.83	10387.	1091.2	
TPF 50.00%	5691.5	3091.2	286.95	11721.	1279.9	
TPF 45.00%	6510.9	3589.0	321.81	13117.	1495.9	
TPF 40.00%	7404.5	4131.8	359.83	14639.	1731.5	
TPF 35.00%	8484.5	4787.8	405.77	16479.	2016.2	
TPF 30.00%	9761.2	5563.4	460.09	18653.	2352.8	
TPF 25.00%	11286.	6481.8	525.22	21303.	2741.9	
TPF 20.00%	13338.	7690.4	614.01	25073.	3217.5	
TPF 15.00%	16039.	9280.4	730.81	30033.	3843.3	
TPF 10.00%	19972.	11642.	898.68	36973.	4795.7	
TPF 5.00%	27159.	16168.	1194.8	48326.	6727.6	
TPF 4.00%	29501.	17643.	1291.1	52025.	7357.0	
TPF 3.00%	33049.	19906.	1421.5	57573.	8301.5	
TPF 2.00%	37981.	23051.	1602.8	65287.	9614.6	
TPF 1.00%	47042.	28889.	1931.7	79100.	12065.	
TPF 0.10%	82812.	51956.	3296.5	0.13326E+06	21628.	
TPF 0.00%	0.11119E+08	0.92972E+07	0.12980E+06	0.54154E+07	0.40928E+07	

Rank 9 0.22% 7308.8 7962.0

Prob.	BOE (MBbl)	Oil (MBbl)	COil(MBbl)	Gas (MMcf)	SGas(MMcf)	
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Mean	0.22%	7308.8	4073.7	355.76	14476.	1706.3
TPF 100.00%	17.078	9.1528	0.87611	35.851	3.7664	
TPF 99.00%	127.92	68.557	6.5623	268.53	28.212	
TPF 98.00%	239.67	128.45	12.295	503.11	52.856	
TPF 97.00%	352.33	188.83	18.075	739.62	77.704	
TPF 96.00%	465.94	249.71	23.903	978.11	102.76	
TPF 95.00%	580.50	311.11	29.780	1218.6	128.02	
TPF 90.00%	1031.7	552.90	52.924	2165.7	227.52	
TPF 85.00%	1427.0	764.78	73.205	2995.6	314.71	
TPF 80.00%	1829.6	980.56	93.860	3840.7	403.50	
TPF 75.00%	2234.0	1197.3	114.60	4689.6	492.69	
TPF 70.00%	2660.7	1425.9	136.49	5585.3	586.78	
TPF 65.00%	3151.9	1689.2	161.69	6616.5	695.12	

TPF	60.00%	3674.9	1969.5	188.52	7714.3	810.46
TPF	55.00%	4234.6	2269.5	217.24	8889.4	933.90
TPF	50.00%	4837.5	2592.6	248.17	10155.	1066.9
TPF	45.00%	5524.1	2989.5	279.83	11436.	1235.8
TPF	40.00%	6302.7	3462.5	312.96	12762.	1441.0
TPF	35.00%	7165.7	3986.7	349.67	14232.	1668.6
TPF	30.00%	8191.4	4609.8	393.31	15979.	1939.0
TPF	25.00%	9482.4	5394.0	448.23	18178.	2279.3
TPF	20.00%	11033.	6333.1	514.30	20840.	2683.4
TPF	15.00%	13294.	7664.4	612.10	24992.	3207.3
TPF	10.00%	16558.	9586.2	753.28	30987.	3963.6
TPF	5.00%	22387.	13163.	998.19	40788.	5444.9
TPF	4.00%	24322.	14381.	1077.9	43844.	5965.0
TPF	3.00%	27026.	16084.	1189.4	48116.	6691.9
TPF	2.00%	30923.	18550.	1343.4	54249.	7735.6
TPF	1.00%	38231.	23210.	1611.9	65677.	9680.9
TPF	0.10%	66247.	41695.	2599.7	0.10583E+06	17538.
TPF	0.00%	0.11119E+08	0.92972E+07	0.12980E+06	0.54154E+07	0.40928E+07

Rank 10 0.05% 6256.2 6648.9

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

Mean	0.05%	6256.2	3434.3	310.98	12683.	1428.8
TPF	100.00%	17.078	9.1528	0.87611	35.851	3.7664
TPF	99.00%	112.25	60.157	5.7583	235.63	24.755
TPF	98.00%	208.23	111.60	10.682	437.11	45.923
TPF	97.00%	305.03	163.48	15.648	640.33	67.272
TPF	96.00%	402.68	215.81	20.658	845.31	88.807
TPF	95.00%	501.19	268.60	25.711	1052.1	110.53
TPF	90.00%	926.81	496.71	47.545	1945.6	204.40
TPF	85.00%	1271.8	681.60	65.243	2669.8	280.48
TPF	80.00%	1623.7	870.21	83.297	3408.5	358.09
TPF	75.00%	1981.1	1061.7	101.63	4158.7	436.91
TPF	70.00%	2351.4	1260.2	120.63	4936.1	518.58
TPF	65.00%	2752.0	1474.9	141.18	5777.1	606.93
TPF	60.00%	3208.1	1719.3	164.57	6734.4	707.51
TPF	55.00%	3697.4	1981.6	189.68	7761.7	815.43
TPF	50.00%	4226.0	2264.9	216.79	8871.2	932.00
TPF	45.00%	4801.4	2573.2	246.31	10079.	1058.9
TPF	40.00%	5461.0	2951.2	277.15	11328.	1219.1
TPF	35.00%	6225.0	3415.3	309.65	12630.	1420.6
TPF	30.00%	7088.3	3939.7	346.38	14100.	1648.1
TPF	25.00%	8130.3	4572.7	390.71	15875.	1922.9
TPF	20.00%	9499.6	5404.5	448.96	18208.	2283.9
TPF	15.00%	11265.	6469.4	524.31	21265.	2737.0
TPF	10.00%	14005.	8082.7	642.83	26297.	3371.9
TPF	5.00%	18911.	10973.	854.93	35296.	4510.4
TPF	4.00%	20621.	12050.	925.41	37997.	4970.1
TPF	3.00%	22751.	13392.	1013.2	41363.	5542.8
TPF	2.00%	25978.	15424.	1146.2	46461.	6410.2
TPF	1.00%	31859.	19147.	1377.8	55713.	7984.8
TPF	0.10%	54639.	33955.	2195.9	89674.	14230.
TPF	0.00%	0.11119E+08	0.92972E+07	0.12980E+06	0.54154E+07	0.40928E+07

Rank 11 0.01% 5445.9 5646.8

Prob.	BOE (MBbl)	Oil (MBbl)	COil(MBbl)	Gas (MMcf)	SGas(MMcf)	
----	-----	-----	-----	-----	-----	
Mean	0.01%	5445.9	2942.0	276.51	11302.	1215.1
TPF	100.00%	17.078	9.1528	0.87611	35.851	3.7664
TPF	99.00%	100.17	53.686	5.1389	210.28	22.092
TPF	98.00%	184.00	98.610	9.4390	386.24	40.578
TPF	97.00%	268.56	143.93	13.777	563.76	59.228
TPF	96.00%	353.88	189.66	18.154	742.87	78.045
TPF	95.00%	439.97	235.79	22.570	923.59	97.031
TPF	90.00%	845.70	453.24	43.384	1775.3	186.51
TPF	85.00%	1147.8	615.16	58.883	2409.5	253.14
TPF	80.00%	1460.0	782.49	74.900	3064.9	322.00
TPF	75.00%	1783.9	956.04	91.513	3744.7	393.42
TPF	70.00%	2109.7	1130.7	108.23	4428.7	465.27
TPF	65.00%	2456.0	1316.3	125.99	5155.7	541.65
TPF	60.00%	2840.8	1522.5	145.73	5963.4	626.51
TPF	55.00%	3273.3	1754.3	167.92	6871.3	721.89
TPF	50.00%	3741.3	2005.1	191.93	7853.8	825.11
TPF	45.00%	4251.9	2278.7	218.12	8925.6	937.71
TPF	40.00%	4814.3	2580.1	246.97	10106.	1061.7
TPF	35.00%	5469.3	2956.3	277.50	11342.	1221.3
TPF	30.00%	6241.0	3425.1	310.33	12657.	1424.8
TPF	25.00%	7134.2	3967.6	348.33	14178.	1660.3
TPF	20.00%	8263.7	4653.7	396.38	16103.	1958.0
TPF	15.00%	9802.7	5588.6	461.86	18724.	2363.8
TPF	10.00%	12080.	6949.5	559.58	22762.	2926.0
TPF	5.00%	16288.	9427.2	741.60	30491.	3901.0
TPF	4.00%	17685.	10250.	802.02	33057.	4224.8
TPF	3.00%	19509.	11350.	879.58	36241.	4671.1
TPF	2.00%	22192.	13039.	990.13	40479.	5392.3
TPF	1.00%	27022.	16082.	1189.2	48110.	6690.9
TPF	0.10%	45897.	28125.	1891.8	77506.	11739.
TPF	0.00%	0.11119E+08	0.92972E+07	0.12980E+06	0.54154E+07	0.40928E+07

Rank 12 0.00% 4743.7 4792.7

Prob.	BOE (MBbl)	Oil (MBbl)	COil(MBbl)	Gas (MMcf)	SGas(MMcf)	
-----	-----	-----	-----	-----	-----	
Mean	0.00%	4743.7	2542.3	243.35	9958.0	1046.2
TPF	100.00%	17.078	9.1528	0.87611	35.851	3.7664
TPF	99.00%	89.832	48.144	4.6084	188.58	19.812
TPF	98.00%	163.23	87.480	8.3737	342.65	35.999
TPF	97.00%	237.28	127.17	12.173	498.10	52.330
TPF	96.00%	312.00	167.21	16.006	654.95	68.809
TPF	95.00%	387.40	207.62	19.874	813.24	85.438
TPF	90.00%	775.11	415.41	39.763	1627.1	170.94
TPF	85.00%	1040.6	557.70	53.383	2184.5	229.50
TPF	80.00%	1318.0	706.36	67.613	2766.7	290.67
TPF	75.00%	1603.8	859.55	82.277	3366.8	353.71
TPF	70.00%	1898.2	1017.3	97.377	3984.7	418.63
TPF	65.00%	2202.8	1180.5	113.00	4624.1	485.80

TPF	60.00%	2528.3	1355.0	129.70	5307.5	557.60
TPF	55.00%	2897.9	1553.1	148.66	6083.3	639.10
TPF	50.00%	3310.5	1774.2	169.83	6949.5	730.10
TPF	45.00%	3761.2	2015.8	192.95	7895.6	829.50
TPF	40.00%	4258.5	2282.3	218.46	8939.4	939.16
TPF	35.00%	4814.0	2580.0	246.96	10106.	1061.7
TPF	30.00%	5472.9	2958.5	277.66	11349.	1222.3
TPF	25.00%	6267.9	3441.4	311.48	12703.	1431.9
TPF	20.00%	7219.1	4019.2	351.94	14323.	1682.6
TPF	15.00%	8509.1	4802.8	406.82	16521.	2022.7
TPF	10.00%	10383.	5941.0	486.54	19712.	2516.7
TPF	5.00%	13913.	8028.5	638.85	26128.	3350.6
TPF	4.00%	15092.	8722.6	689.84	28293.	3623.8
TPF	3.00%	16702.	9670.5	759.47	31250.	3996.8
TPF	2.00%	18898.	10965.	854.38	35275.	4506.7
TPF	1.00%	22923.	13500.	1020.3	41634.	5588.8
TPF	0.10%	38550.	23414.	1623.7	66176.	9766.0
TPF	0.00%	0.11119E+08	0.92972E+07	0.12980E+06	0.54154E+07	0.40928E+07

Rank 13 0.00% 3925.5 3902.4

Prob.	BOE (MBbl)	Oil (MBbl)	COil(MBbl)	Gas (MMcf)	SGas(MMcf)	
-----	-----	-----	-----	-----	-----	
Mean	0.00%	3925.5	2103.8	201.38	8240.5	865.73
TPF	100.00%	17.078	9.1528	0.87611	35.851	3.7664
TPF	99.00%	75.811	40.630	3.8891	159.14	16.719
TPF	98.00%	135.10	72.402	6.9304	283.59	29.794
TPF	97.00%	194.94	104.47	10.000	409.22	42.992
TPF	96.00%	255.36	136.85	13.100	536.05	56.316
TPF	95.00%	316.36	169.55	16.229	664.10	69.769
TPF	90.00%	630.55	337.93	32.347	1323.6	139.06
TPF	85.00%	896.93	480.70	46.013	1882.8	197.81
TPF	80.00%	1124.1	602.47	57.669	2359.8	247.92
TPF	75.00%	1362.1	730.02	69.878	2859.4	300.41
TPF	70.00%	1610.7	863.22	82.628	3381.2	355.22
TPF	65.00%	1869.2	1001.8	95.891	3923.9	412.24
TPF	60.00%	2138.4	1146.0	109.70	4488.8	471.59
TPF	55.00%	2428.8	1301.7	124.60	5098.5	535.65
TPF	50.00%	2752.2	1475.0	141.19	5777.5	606.97
TPF	45.00%	3128.9	1676.9	160.51	6568.1	690.04
TPF	40.00%	3546.3	1900.6	181.93	7444.4	782.10
TPF	35.00%	4015.0	2151.8	205.97	8428.4	885.47
TPF	30.00%	4550.2	2438.6	233.42	9551.7	1003.5
TPF	25.00%	5179.8	2780.4	265.19	10849.	1145.0
TPF	20.00%	5997.5	3277.1	299.97	12242.	1360.6
TPF	15.00%	7031.1	3905.0	343.95	14003.	1633.1
TPF	10.00%	8553.3	4829.6	408.71	16596.	2034.4
TPF	5.00%	11316.	6499.9	526.55	21360.	2749.0
TPF	4.00%	12320.	7090.9	569.97	23203.	2981.6
TPF	3.00%	13589.	7838.0	624.85	25534.	3275.6
TPF	2.00%	15440.	8927.8	704.91	28933.	3704.5
TPF	1.00%	18721.	10859.	846.81	34959.	4464.7
TPF	0.10%	31181.	18715.	1352.9	54653.	7804.3
TPF	0.00%	0.11119E+08	0.92972E+07	0.12980E+06	0.54154E+07	0.40928E+07