

GEOLOGIC ECONOMIC RESOURCE MODEL MODULE PSRK

Geologic Economic Resource Model (Ver 8.29.2005)

The Current UAI AAAAABAM is for

World Level - World Level Resources

Country Level - UNITED STATES OF AMERICA

Region Level - MMS - ALASKA REGION

Basin Level - BEAUFORT SHELF

Play Level - Play 08 - Brookian Faulted Western Topset

Geologist Peter Johnson

Remarks Play 08 2005 Assessment

Run date Date 16-SEP-05 Time 08:55:29

USER SUPPLIED PARAMETERS

RECOVERABLE RESOURCES? > R

B) Pool Size Distribution

Z PROB.

EXPECTATION = 0.11177E+06

S.D. = 0.31544E+06

MU = 10.136

SIG.SQ. = 3.1293

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

Mean	%	0.11177E+06	34074.	15320.	0.34318E+06	7363.7
TPF 100.00%	12.005	1.1194	2.0366	49.481	0.25108	
TPF 99.00%	330.85	30.849	56.128	1363.6	6.9195	
TPF 98.00%	621.80	57.979	105.49	2562.8	13.005	
TPF 97.00%	884.41	82.465	150.04	3645.2	18.497	
TPF 96.00%	1155.4	107.74	196.02	4762.3	24.165	
TPF 95.00%	1419.6	132.37	240.83	5851.1	29.690	
TPF 90.00%	2765.8	257.89	469.22	11400.	57.846	
TPF 85.00%	4224.7	470.06	706.08	17029.	103.81	
TPF 80.00%	5877.5	710.42	974.42	23407.	155.89	
TPF 75.00%	7817.4	1031.5	1283.5	30694.	229.87	
TPF 70.00%	10143.	1416.3	1654.1	39428.	318.56	
TPF 65.00%	12893.	1901.8	2099.3	49552.	419.67	
TPF 60.00%	16199.	2485.5	2634.7	61722.	541.23	
TPF 55.00%	20111.	3058.7	3268.8	76792.	672.87	
TPF 50.00%	24932.	3765.0	4050.2	95359.	835.07	
TPF 45.00%	31028.	5396.4	4939.9	0.11509E+06	1193.4	
TPF 40.00%	39010.	7532.5	6104.8	0.14093E+06	1662.6	
TPF 35.00%	49436.	8115.4	7957.4	0.18572E+06	1784.7	
TPF 30.00%	63039.	8876.0	10374.	0.24415E+06	1943.8	

TPF	25.00%	82095.	19097.	12244.	0.28110E+06	4140.3
TPF	20.00%	0.11053E+06	34347.	15034.	0.33622E+06	7417.6
TPF	15.00%	0.15509E+06	24537.	25303.	0.58601E+06	5484.4
TPF	10.00%	0.24303E+06	5177.1	45569.	0.10789E+07	1669.5
TPF	5.00%	0.48249E+06	0.10515E+06	73943.	0.16815E+07	23585.
TPF	4.00%	0.58924E+06	0.14972E+06	86591.	0.19501E+07	33354.
TPF	3.00%	0.74719E+06	0.21566E+06	0.10531E+06	0.23475E+07	47809.
TPF	2.00%	0.99890E+06	0.32075E+06	0.13513E+06	0.29809E+07	70845.
TPF	1.00%	0.15289E+07	0.54201E+06	0.19793E+06	0.43144E+07	0.11935E+06
TPF	0.10%	0.37480E+07	0.14685E+07	0.46088E+06	0.98983E+07	0.32244E+06
TPF	0.00%	0.12239E+08	0.50133E+07	0.14669E+07	0.31262E+08	0.10995E+07

C) No.of Pools Distribution

Lower Support = 0
Upper Support = 23
Expectation = 5.52
Standard Deviation= 3.66

Rank 1 79.93% 0.54152E+06 0.92539E+06

Prob.	BOE (MBbl)	Oil (MBbl)	COil(MBbl)	Gas (MMcf)	SGas(MMcf)
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Mean	79.93%	0.54152E+06	0.12980E+06	80937.	0.18300E+07	28987.
TPF	100.00%	12.005	1.1194	2.0366	49.481	0.25108
TPF	99.00%	12695.	1866.9	2067.3	48824.	412.40
TPF	98.00%	19271.	2935.6	3132.7	73557.	644.61
TPF	97.00%	24489.	3700.2	3978.5	93656.	820.19
TPF	96.00%	29299.	4933.6	4687.5	0.10950E+06	1091.8
TPF	95.00%	33807.	6140.2	5345.6	0.12409E+06	1356.8
TPF	90.00%	53944.	8367.5	8758.3	0.20508E+06	1837.4
TPF	85.00%	72587.	13997.	11311.	0.26266E+06	3044.4
TPF	80.00%	91577.	24183.	13175.	0.29948E+06	5233.4
TPF	75.00%	0.10996E+06	34045.	14979.	0.33513E+06	7352.7
TPF	70.00%	0.13321E+06	29354.	20261.	0.46335E+06	6433.7
TPF	65.00%	0.15313E+06	24966.	24853.	0.57506E+06	5569.1
TPF	60.00%	0.18531E+06	17884.	32267.	0.75540E+06	4173.4
TPF	55.00%	0.21536E+06	11267.	39193.	0.92387E+06	2869.6
TPF	50.00%	0.24224E+06	5349.4	45388.	0.10746E+07	1703.4
TPF	45.00%	0.30710E+06	31929.	53161.	0.12402E+07	7533.7
TPF	40.00%	0.36754E+06	57160.	60322.	0.13922E+07	13064.
TPF	35.00%	0.42312E+06	80364.	66908.	0.15321E+07	18151.
TPF	30.00%	0.47456E+06	0.10184E+06	73004.	0.16615E+07	22859.
TPF	25.00%	0.57155E+06	0.14233E+06	84495.	0.19056E+07	31735.
TPF	20.00%	0.71075E+06	0.20045E+06	0.10099E+06	0.22558E+07	44474.
TPF	15.00%	0.91014E+06	0.28369E+06	0.12461E+06	0.27575E+07	62722.
TPF	10.00%	0.12506E+07	0.42585E+06	0.16496E+06	0.36143E+07	93884.
TPF	5.00%	0.21643E+07	0.80728E+06	0.27322E+06	0.59132E+07	0.17749E+06
TPF	4.00%	0.25379E+07	0.96330E+06	0.31749E+06	0.68535E+07	0.21169E+06
TPF	3.00%	0.29077E+07	0.11177E+07	0.36131E+06	0.77840E+07	0.24554E+06
TPF	2.00%	0.32737E+07	0.12705E+07	0.40468E+06	0.87049E+07	0.27903E+06
TPF	1.00%	0.36360E+07	0.14217E+07	0.44760E+06	0.96164E+07	0.31218E+06
TPF	0.10%	0.11009E+08	0.45001E+07	0.13213E+07	0.28169E+08	0.98697E+06
TPF	0.00%	0.12239E+08	0.50133E+07	0.14669E+07	0.31262E+08	0.10995E+07

Rank 2 79.40% 0.14965E+06 0.20856E+06

Prob.	BOE (MBbl)	Oil (MBbl)	COil(MBbl)	Gas (MMcf)	SGas(MMcf)
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Mean	79.40%	0.14965E+06	25733.	24051.	0.55555E+06 5720.1
TPF 100.00%	12.005	1.1194	2.0366	49.481	0.25108
TPF 99.00%	3775.6	404.74	633.16	15296.	89.661
TPF 98.00%	6230.2	768.79	1030.6	24732.	169.34
TPF 97.00%	8344.2	1118.7	1367.5	32673.	249.97
TPF 96.00%	10241.	1433.7	1670.0	39791.	322.18
TPF 95.00%	12064.	1755.5	1965.1	46501.	389.20
TPF 90.00%	19840.	3018.9	3224.8	75745.	663.73
TPF 85.00%	27055.	4333.2	4360.0	0.10223E+06	959.88
TPF 80.00%	34263.	6262.2	5412.1	0.12557E+06	1383.6
TPF 75.00%	41698.	7682.8	6582.4	0.15248E+06	1694.1
TPF 70.00%	49214.	8103.0	7917.9	0.18476E+06	1782.1
TPF 65.00%	57712.	8578.2	9427.9	0.22127E+06	1881.5
TPF 60.00%	66312.	10631.	10695.	0.25049E+06	2321.1
TPF 55.00%	76097.	15880.	11656.	0.26947E+06	3449.0
TPF 50.00%	86663.	21547.	12692.	0.28995E+06	4666.8
TPF 45.00%	99348.	28351.	13937.	0.31455E+06	6129.0
TPF 40.00%	0.11190E+06	34044.	15350.	0.34392E+06	7358.0
TPF 35.00%	0.13007E+06	30044.	19538.	0.44579E+06	6569.6
TPF 30.00%	0.14778E+06	26145.	23619.	0.54504E+06	5801.4
TPF 25.00%	0.17520E+06	20108.	29939.	0.69876E+06	4611.8
TPF 20.00%	0.20995E+06	12460.	37945.	0.89352E+06	3104.5
TPF 15.00%	0.25049E+06	8291.6	46453.	0.10977E+07	2352.2
TPF 10.00%	0.35509E+06	51965.	58848.	0.13609E+07	11925.
TPF 5.00%	0.47692E+06	0.10283E+06	73283.	0.16675E+07	23075.
TPF 4.00%	0.53435E+06	0.12680E+06	80088.	0.18120E+07	28330.
TPF 3.00%	0.61280E+06	0.15956E+06	89383.	0.20094E+07	35510.
TPF 2.00%	0.73298E+06	0.20973E+06	0.10362E+06	0.23118E+07	46508.
TPF 1.00%	0.96426E+06	0.30629E+06	0.13103E+06	0.28937E+07	67675.
TPF 0.10%	0.23842E+07	0.89913E+06	0.29928E+06	0.64667E+07	0.19763E+06
TPF 0.00%	0.12239E+08	0.50133E+07	0.14669E+07	0.31262E+08	0.10995E+07

Rank 3 77.48% 68610. 85727.

Prob.	BOE (MBbl)	Oil (MBbl)	COil(MBbl)	Gas (MMcf)	SGas(MMcf)
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Mean	77.48%	68610.	11864.	10921.	0.25495E+06 2586.0
TPF 100.00%	12.005	1.1194	2.0366	49.481	0.25108
TPF 99.00%	1429.0	133.24	242.42	5889.6	29.886
TPF 98.00%	2519.9	234.96	427.49	10386.	52.702
TPF 97.00%	3492.5	363.58	587.21	14204.	80.743
TPF 96.00%	4368.4	490.96	729.41	17584.	108.34
TPF 95.00%	5227.9	615.94	868.95	20900.	135.42
TPF 90.00%	9165.6	1254.6	1498.4	35758.	281.29
TPF 85.00%	12847.	1893.7	2091.9	49383.	417.99
TPF 80.00%	16562.	2538.7	2693.5	63122.	553.45
TPF 75.00%	20221.	3074.8	3286.6	77216.	676.57
TPF 70.00%	24124.	3646.7	3919.3	92249.	807.90
TPF 65.00%	28326.	4673.5	4545.6	0.10635E+06	1034.6

TPF	60.00%	32773.	5863.4	5194.6	0.12074E+06	1296.0
TPF	55.00%	37681.	7176.9	5910.9	0.13663E+06	1584.5
TPF	50.00%	43319.	7773.4	6870.5	0.15944E+06	1713.1
TPF	45.00%	49096.	8096.4	7896.9	0.18425E+06	1780.7
TPF	40.00%	56286.	8498.4	9174.4	0.21514E+06	1864.8
TPF	35.00%	63597.	9175.3	10429.	0.24523E+06	2008.2
TPF	30.00%	73561.	14520.	11407.	0.26455E+06	3156.7
TPF	25.00%	84396.	20331.	12470.	0.28556E+06	4405.6
TPF	20.00%	99926.	28661.	13994.	0.31567E+06	6195.7
TPF	15.00%	0.11983E+06	32298.	17179.	0.38839E+06	7013.8
TPF	10.00%	0.14885E+06	25910.	23865.	0.55104E+06	5755.0
TPF	5.00%	0.21407E+06	11553.	38895.	0.91661E+06	2925.8
TPF	4.00%	0.23199E+06	7605.6	43027.	0.10171E+07	2148.0
TPF	3.00%	0.26855E+06	15832.	48593.	0.11432E+07	4004.9
TPF	2.00%	0.33517E+06	43645.	56487.	0.13108E+07	10102.
TPF	1.00%	0.42468E+06	81018.	67093.	0.15360E+07	18294.
TPF	0.10%	0.82000E+06	0.24606E+06	0.11393E+06	0.25307E+07	54472.
TPF	0.00%	0.12239E+08	0.50133E+07	0.14669E+07	0.31262E+08	0.10995E+07

Rank 4 72.95% 38458. 45725.

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

Mean	72.95%	38458.	7384.8	6024.3	0.13914E+06	1630.2
TPF	100.00%	12.005	1.1194	2.0366	49.481	0.25108
TPF	99.00%	682.01	63.592	115.70	2811.0	14.264
TPF	98.00%	1231.0	114.78	208.83	5073.6	25.745
TPF	97.00%	1742.0	162.43	295.53	7180.0	36.434
TPF	96.00%	2223.4	207.32	377.20	9164.0	46.501
TPF	95.00%	2676.0	249.52	453.98	11030.	55.967
TPF	90.00%	4843.4	560.03	806.52	19416.	123.31
TPF	85.00%	6933.3	885.15	1142.6	27373.	196.16
TPF	80.00%	9079.7	1240.4	1484.7	35435.	278.02
TPF	75.00%	11309.	1622.3	1842.9	43723.	361.45
TPF	70.00%	13624.	2031.0	2217.8	52245.	446.57
TPF	65.00%	16054.	2459.8	2611.1	61187.	535.88
TPF	60.00%	18718.	2854.6	3043.0	71425.	625.99
TPF	55.00%	21541.	3268.2	3500.6	82300.	720.99
TPF	50.00%	24565.	3711.2	3990.7	93946.	822.72
TPF	45.00%	28184.	4635.4	4524.9	0.10589E+06	1026.3
TPF	40.00%	32092.	5681.1	5095.2	0.11854E+06	1256.0
TPF	35.00%	36860.	6957.3	5791.2	0.13397E+06	1536.3
TPF	30.00%	42496.	7727.4	6724.3	0.15591E+06	1703.4
TPF	25.00%	48967.	8089.2	7873.9	0.18370E+06	1779.2
TPF	20.00%	57701.	8577.5	9425.8	0.22122E+06	1881.4
TPF	15.00%	69076.	12114.	10967.	0.25585E+06	2639.7
TPF	10.00%	85826.	21098.	12610.	0.28833E+06	4570.4
TPF	5.00%	0.11870E+06	32548.	16917.	0.38202E+06	7063.1
TPF	4.00%	0.13087E+06	29869.	19721.	0.45023E+06	6535.2
TPF	3.00%	0.14494E+06	26769.	22966.	0.52915E+06	5924.4
TPF	2.00%	0.16914E+06	21443.	28542.	0.66479E+06	4874.7
TPF	1.00%	0.21655E+06	11006.	39467.	0.93053E+06	2818.0
TPF	0.10%	0.43513E+06	85382.	68332.	0.15623E+07	19251.
TPF	0.00%	0.12239E+08	0.50133E+07	0.14669E+07	0.31262E+08	0.10995E+07

Rank 5 65.11% 24253. 28166.

Prob.	BOE (MBbl)	Oil (MBbl)	COil(MBbl)	Gas (MMcf)	SGas(MMcf)	
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Mean	65.11%	24253.	3665.6	3940.2	92745.	812.23
TPF	100.00%	12.005	1.1194	2.0366	49.481	0.25108
TPF	99.00%	387.64	36.145	65.763	1597.7	8.1073
TPF	98.00%	714.39	66.612	121.20	2944.4	14.941
TPF	97.00%	1013.2	94.469	171.88	4175.8	21.189
TPF	96.00%	1304.7	121.66	221.35	5377.7	27.288
TPF	95.00%	1588.0	148.07	269.40	6545.1	33.212
TPF	90.00%	2924.7	280.99	495.01	12013.	62.850
TPF	85.00%	4212.9	468.34	704.16	16984.	103.44
TPF	80.00%	5547.4	662.41	920.83	22133.	145.49
TPF	75.00%	6948.4	887.66	1145.1	27430.	196.73
TPF	70.00%	8423.0	1131.7	1380.0	32968.	252.97
TPF	65.00%	9992.7	1391.5	1630.1	38865.	312.84
TPF	60.00%	11753.	1700.5	1914.7	45355.	377.75
TPF	55.00%	13611.	2028.6	2215.7	52196.	446.08
TPF	50.00%	15661.	2390.6	2547.6	59744.	521.46
TPF	45.00%	17967.	2744.5	2921.2	68532.	600.71
TPF	40.00%	20435.	3106.1	3321.2	78038.	683.75
TPF	35.00%	23438.	3546.2	3808.1	89607.	784.82
TPF	30.00%	26943.	4303.3	4343.7	0.10187E+06	953.32
TPF	25.00%	31017.	5393.5	4938.3	0.11506E+06	1192.8
TPF	20.00%	36716.	6918.7	5770.1	0.13351E+06	1527.8
TPF	15.00%	44254.	7825.7	7036.7	0.16346E+06	1724.0
TPF	10.00%	55277.	8442.0	8995.2	0.21081E+06	1853.0
TPF	5.00%	75616.	15622.	11608.	0.26853E+06	3393.5
TPF	4.00%	81839.	18960.	12219.	0.28060E+06	4110.9
TPF	3.00%	92578.	24720.	13273.	0.30142E+06	5348.7
TPF	2.00%	0.10610E+06	31972.	14599.	0.32764E+06	6907.2
TPF	1.00%	0.13375E+06	29235.	20385.	0.46638E+06	6410.2
TPF	0.10%	0.24179E+06	5449.3	45284.	0.10720E+07	1723.1
TPF	0.00%	0.12239E+08	0.50133E+07	0.14669E+07	0.31262E+08	0.10995E+07

Rank 6 54.40% 16626. 19074.

Prob.	BOE (MBbl)	Oil (MBbl)	COil(MBbl)	Gas (MMcf)	SGas(MMcf)	
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Mean	54.40%	16626.	2548.0	2703.8	63365.	555.58
TPF	100.00%	12.005	1.1194	2.0366	49.481	0.25108
TPF	99.00%	249.02	23.220	42.246	1026.4	5.2081
TPF	98.00%	469.71	43.797	79.685	1936.0	9.8236
TPF	97.00%	674.88	62.928	114.49	2781.6	14.115
TPF	96.00%	862.96	80.465	146.40	3556.8	18.048
TPF	95.00%	1054.1	98.292	178.83	4344.8	22.047
TPF	90.00%	1972.8	183.95	334.68	8131.1	41.259
TPF	85.00%	2860.6	271.68	484.61	11765.	60.832
TPF	80.00%	3778.1	405.11	633.57	15306.	89.741
TPF	75.00%	4725.6	542.89	787.39	18962.	119.59
TPF	70.00%	5707.5	685.69	946.82	22751.	150.53
TPF	65.00%	6809.5	864.67	1122.9	26908.	191.44

TPF	60.00%	7949.9	1053.4	1304.6	31191.	234.93
TPF	55.00%	9284.0	1274.2	1517.2	36203.	285.81
TPF	50.00%	10709.	1516.2	1745.7	41511.	339.36
TPF	45.00%	12306.	1798.3	2004.4	47393.	398.11
TPF	40.00%	14146.	2123.0	2302.2	54164.	465.74
TPF	35.00%	16163.	2479.2	2628.9	61591.	539.91
TPF	30.00%	18649.	2844.4	3031.7	71158.	623.65
TPF	25.00%	21569.	3272.2	3505.0	82405.	721.91
TPF	20.00%	25158.	3825.6	4083.2	96092.	848.38
TPF	15.00%	30199.	5174.7	4819.0	0.11241E+06	1144.7
TPF	10.00%	37832.	7217.4	5933.0	0.13712E+06	1593.4
TPF	5.00%	52133.	8266.2	8436.6	0.19730E+06	1816.2
TPF	4.00%	57084.	8543.0	9316.2	0.21857E+06	1874.1
TPF	3.00%	62929.	8869.8	10355.	0.24368E+06	1942.5
TPF	2.00%	73193.	14322.	11371.	0.26384E+06	3114.3
TPF	1.00%	91085.	23919.	13126.	0.29853E+06	5176.6
TPF	0.10%	0.16234E+06	22939.	26975.	0.62668E+06	5169.6
TPF	0.00%	0.12239E+08	0.50133E+07	0.14669E+07	0.31262E+08	0.10995E+07

Rank 7 42.28% 12154. 13802.

	Prob.	BOE (MBbl)	Oil (MBbl)	COil(MBbl)	Gas (MMcf)	SGas(MMcf)
	-----	-----	-----	-----	-----	-----
Mean	42.28%	12154.	1771.4	1979.7	46832.	392.51
TPF	100.00%	12.005	1.1194	2.0366	49.481	0.25108
TPF	99.00%	175.97	16.408	29.854	725.30	3.6804
TPF	98.00%	338.56	31.568	57.436	1395.4	7.0807
TPF	97.00%	487.03	45.412	82.624	2007.4	10.186
TPF	96.00%	633.69	59.087	107.50	2611.8	13.253
TPF	95.00%	766.76	71.495	130.08	3160.3	16.036
TPF	90.00%	1436.4	133.93	243.68	5920.2	30.041
TPF	85.00%	2103.9	196.17	356.93	8671.5	44.002
TPF	80.00%	2765.8	257.90	469.22	11400.	57.846
TPF	75.00%	3480.1	361.77	585.18	14156.	80.350
TPF	70.00%	4194.2	465.62	701.13	16912.	102.85
TPF	65.00%	5002.8	583.21	832.41	20032.	128.33
TPF	60.00%	5823.0	702.49	965.57	23197.	154.17
TPF	55.00%	6790.3	861.48	1119.9	26835.	190.70
TPF	50.00%	7787.3	1026.5	1278.7	30581.	228.73
TPF	45.00%	9009.8	1228.8	1473.5	35172.	275.35
TPF	40.00%	10308.	1445.6	1680.9	40038.	324.65
TPF	35.00%	11884.	1723.8	1936.0	45839.	382.59
TPF	30.00%	13689.	2042.4	2228.2	52483.	448.94
TPF	25.00%	15855.	2424.7	2578.9	60454.	528.56
TPF	20.00%	18620.	2840.3	3027.1	71049.	622.70
TPF	15.00%	22263.	3374.0	3617.6	85080.	745.27
TPF	10.00%	27697.	4505.1	4453.8	0.10431E+06	997.65
TPF	5.00%	37871.	7227.8	5938.7	0.13725E+06	1595.7
TPF	4.00%	41548.	7674.4	6555.8	0.15183E+06	1692.3
TPF	3.00%	46339.	7942.3	7407.1	0.17241E+06	1748.4
TPF	2.00%	53346.	8334.1	8652.1	0.20251E+06	1830.4
TPF	1.00%	65825.	10370.	10648.	0.24955E+06	2265.0
TPF	0.10%	0.11713E+06	32893.	16556.	0.37324E+06	7131.1
TPF	0.00%	0.12239E+08	0.50133E+07	0.14669E+07	0.31262E+08	0.10995E+07

Rank 8 30.56% 9349.3 10488.

Prob.	BOE (MBbl)	Oil (MBbl)	COil(MBbl)	Gas (MMcf)	SGas(MMcf)	
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Mean	30.56%	9349.3	1285.0	1527.6	36448.	288.30
TPF 100.00%	12.005	1.1194	2.0366	49.481	0.25108	
TPF 99.00%	134.35	12.527	22.792	553.72	2.8097	
TPF 98.00%	256.76	23.942	43.560	1058.3	5.3701	
TPF 97.00%	375.04	34.970	63.625	1545.8	7.8437	
TPF 96.00%	486.93	45.403	82.607	2006.9	10.184	
TPF 95.00%	598.92	55.845	101.61	2468.5	12.526	
TPF 90.00%	1115.5	104.01	189.25	4597.8	23.330	
TPF 85.00%	1634.8	152.43	277.34	6738.0	34.191	
TPF 80.00%	2164.4	201.82	367.19	8920.9	45.267	
TPF 75.00%	2701.3	251.87	458.27	11134.	56.495	
TPF 70.00%	3287.5	333.76	553.92	13413.	74.283	
TPF 65.00%	3891.4	421.58	651.96	15743.	93.310	
TPF 60.00%	4548.3	517.11	758.61	18278.	114.01	
TPF 55.00%	5270.3	622.12	875.84	21064.	136.76	
TPF 50.00%	6042.4	737.71	1000.7	24026.	162.18	
TPF 45.00%	6957.0	889.07	1146.4	27462.	197.06	
TPF 40.00%	7937.8	1051.4	1302.7	31146.	234.47	
TPF 35.00%	9159.9	1253.6	1497.4	35736.	281.07	
TPF 30.00%	10533.	1485.3	1717.3	40866.	332.92	
TPF 25.00%	12231.	1784.9	1992.1	47115.	395.33	
TPF 20.00%	14382.	2164.7	2340.5	55034.	474.42	
TPF 15.00%	17190.	2630.7	2795.4	65541.	574.59	
TPF 10.00%	21306.	3233.7	3462.4	81392.	713.06	
TPF 5.00%	28976.	4847.2	4640.4	0.10845E+06	1072.8	
TPF 4.00%	31497.	5522.1	5008.4	0.11661E+06	1221.0	
TPF 3.00%	35282.	6535.0	5560.9	0.12887E+06	1443.5	
TPF 2.00%	40487.	7615.1	6367.4	0.14728E+06	1679.9	
TPF 1.00%	50086.	8151.8	8072.9	0.18851E+06	1792.3	
TPF 0.10%	88402.	22480.	12863.	0.29332E+06	4867.3	
TPF 0.00%	0.12239E+08	0.50133E+07	0.14669E+07	0.31262E+08	0.10995E+07	

Rank 9 20.60% 7487.3 8279.5

Prob.	BOE (MBbl)	Oil (MBbl)	COil(MBbl)	Gas (MMcf)	SGas(MMcf)	
-----	-----	-----	-----	-----	-----	
Mean	20.60%	7487.3	976.83	1230.9	29454.	217.28
TPF 100.00%	12.005	1.1194	2.0366	49.481	0.25108	
TPF 99.00%	108.38	10.105	18.386	446.68	2.2666	
TPF 98.00%	205.06	19.121	34.788	845.19	4.2887	
TPF 97.00%	302.07	28.166	51.246	1245.0	6.3176	
TPF 96.00%	393.41	36.683	66.742	1621.5	8.2280	
TPF 95.00%	482.55	44.994	81.864	1988.9	10.092	
TPF 90.00%	903.46	84.241	153.27	3723.7	18.895	
TPF 85.00%	1327.3	123.76	225.18	5470.6	27.760	
TPF 80.00%	1760.7	164.17	298.70	7257.0	36.824	
TPF 75.00%	2207.0	205.78	374.41	9096.3	46.157	
TPF 70.00%	2666.0	248.58	452.28	10988.	55.757	
TPF 65.00%	3171.0	316.82	535.01	12963.	70.613	

TPF	60.00%	3703.0	394.19	621.38	15016.	87.376
TPF	55.00%	4261.1	475.35	711.99	17170.	104.96
TPF	50.00%	4917.8	570.84	818.60	19703.	125.65
TPF	45.00%	5609.5	671.44	930.91	22373.	147.45
TPF	40.00%	6425.1	801.05	1061.7	25464.	176.78
TPF	35.00%	7349.9	954.09	1209.0	28937.	212.04
TPF	30.00%	8461.4	1138.1	1386.1	33113.	254.44
TPF	25.00%	9793.2	1358.5	1598.4	38115.	305.23
TPF	20.00%	11515.	1658.5	1876.2	44478.	368.99
TPF	15.00%	13762.	2055.3	2240.1	52753.	451.64
TPF	10.00%	17075.	2613.8	2776.6	65095.	570.69
TPF	5.00%	23092.	3495.5	3752.0	88274.	773.17
TPF	4.00%	25014.	3787.0	4062.2	95626.	839.91
TPF	3.00%	27921.	4565.1	4486.5	0.10504E+06	1010.8
TPF	2.00%	31888.	5626.6	5065.4	0.11788E+06	1244.0
TPF	1.00%	39403.	7554.4	6174.7	0.14262E+06	1667.2
TPF	0.10%	69272.	12219.	10986.	0.25623E+06	2662.3
TPF	0.00%	0.12239E+08	0.50133E+07	0.14669E+07	0.31262E+08	0.10995E+07

Rank 10 13.02% 6188.2 6735.1

Prob.	BOE (MBbl)	Oil (MBbl)	COil(MBbl)	Gas (MMcf)	SGas(MMcf)	
-----	-----	-----	-----	-----	-----	
Mean	13.02%	6188.2	761.84	1023.9	24574.	167.74
TPF	100.00%	12.005	1.1194	2.0366	49.481	0.25108
TPF	99.00%	90.973	8.4826	15.433	374.96	1.9026
TPF	98.00%	170.33	15.882	28.896	702.02	3.5622
TPF	97.00%	250.07	23.317	42.424	1030.7	5.2301
TPF	96.00%	330.22	30.790	56.021	1361.0	6.9062
TPF	95.00%	403.78	37.650	68.501	1664.2	8.4448
TPF	90.00%	762.05	71.056	129.28	3140.9	15.938
TPF	85.00%	1115.8	104.04	189.30	4599.0	23.337
TPF	80.00%	1477.3	137.75	250.62	6088.8	30.897
TPF	75.00%	1855.8	173.04	314.84	7649.1	38.814
TPF	70.00%	2248.2	209.63	381.41	9266.4	47.020
TPF	65.00%	2656.4	247.69	450.66	10949.	55.557
TPF	60.00%	3109.1	307.82	524.96	12725.	68.663
TPF	55.00%	3593.8	378.30	603.64	14595.	83.933
TPF	50.00%	4105.0	452.65	686.64	16567.	100.04
TPF	45.00%	4704.2	539.79	783.93	18879.	118.92
TPF	40.00%	5362.8	635.56	890.85	21421.	139.67
TPF	35.00%	6109.5	748.82	1011.4	24278.	164.74
TPF	30.00%	7026.2	900.52	1157.4	27722.	199.70
TPF	25.00%	8095.3	1077.5	1327.8	31738.	240.47
TPF	20.00%	9499.4	1309.8	1551.5	37012.	294.02
TPF	15.00%	11359.	1631.0	1851.0	43905.	363.27
TPF	10.00%	14076.	2110.7	2290.9	53908.	463.18
TPF	5.00%	18977.	2892.5	3084.9	72421.	634.69
TPF	4.00%	20583.	3127.8	3345.3	78609.	688.74
TPF	3.00%	22854.	3460.6	3713.4	87356.	765.15
TPF	2.00%	26049.	4064.1	4213.3	98977.	900.77
TPF	1.00%	31975.	5650.0	5078.2	0.11816E+06	1249.1
TPF	0.10%	55913.	8477.6	9108.2	0.21354E+06	1860.4
TPF	0.00%	0.12239E+08	0.50133E+07	0.14669E+07	0.31262E+08	0.10995E+07

Rank 11 7.75% 5240.7 5610.1

Prob.	BOE (MBbl)	Oil (MBbl)	COil(MBbl)	Gas (MMcf)	SGas(MMcf)	
-----	-----	-----	-----	-----	-----	
Mean	7.75%	5240.7	617.80	871.02	20949.	135.82
TPF	100.00%	12.005	1.1194	2.0366	49.481	0.25108
TPF	99.00%	78.602	7.3291	13.335	323.97	1.6439
TPF	98.00%	145.59	13.575	24.700	600.08	3.0450
TPF	97.00%	212.98	19.859	36.133	877.84	4.4544
TPF	96.00%	280.79	26.181	47.635	1157.3	5.8724
TPF	95.00%	347.42	32.394	58.939	1431.9	7.2660
TPF	90.00%	660.47	61.584	112.05	2722.2	13.813
TPF	85.00%	958.77	89.398	162.65	3951.7	20.052
TPF	80.00%	1272.3	118.63	215.84	5243.9	26.609
TPF	75.00%	1596.2	148.83	270.79	6578.9	33.383
TPF	70.00%	1936.7	180.59	328.57	7982.5	40.506
TPF	65.00%	2292.9	213.80	388.99	9450.5	47.955
TPF	60.00%	2667.0	248.68	452.45	10992.	55.778
TPF	55.00%	3086.4	304.51	521.27	12637.	67.946
TPF	50.00%	3540.3	370.52	594.96	14388.	82.248
TPF	45.00%	4025.3	441.05	673.70	16260.	97.528
TPF	40.00%	4590.7	523.28	765.50	18442.	115.35
TPF	35.00%	5235.3	617.03	870.16	20929.	135.66
TPF	30.00%	5959.1	723.92	987.41	23713.	159.00
TPF	25.00%	6898.4	879.37	1137.1	27242.	194.82
TPF	20.00%	8015.6	1064.3	1315.1	31438.	237.43
TPF	15.00%	9577.7	1322.8	1564.0	37306.	297.01
TPF	10.00%	11854.	1718.5	1931.2	45729.	381.48
TPF	5.00%	15932.	2438.3	2591.4	60738.	531.40
TPF	4.00%	17355.	2654.8	2822.0	66173.	580.11
TPF	3.00%	19152.	2918.1	3113.3	73096.	640.58
TPF	2.00%	21837.	3311.5	3548.5	83438.	730.93
TPF	1.00%	26671.	4230.5	4304.0	0.10099E+06	937.32
TPF	0.10%	46025.	7924.7	7351.3	0.17106E+06	1744.7
TPF	0.00%	0.12239E+08	0.50133E+07	0.14669E+07	0.31262E+08	0.10995E+07

Rank 12 4.37% 4520.9 4760.5

Prob.	BOE (MBbl)	Oil (MBbl)	COil(MBbl)	Gas (MMcf)	SGas(MMcf)	
-----	-----	-----	-----	-----	-----	
Mean	4.37%	4520.9	513.13	754.17	18172.	113.15
TPF	100.00%	12.005	1.1194	2.0366	49.481	0.25108
TPF	99.00%	69.344	6.4658	11.764	285.81	1.4503
TPF	98.00%	127.06	11.848	21.556	523.71	2.6574
TPF	97.00%	185.17	17.266	31.414	763.20	3.8727
TPF	96.00%	243.67	22.721	41.339	1004.3	5.0962
TPF	95.00%	302.57	28.213	51.332	1247.1	6.3282
TPF	90.00%	579.56	54.040	98.321	2388.7	12.121
TPF	85.00%	840.75	78.394	142.63	3465.3	17.584
TPF	80.00%	1115.3	103.99	189.21	4596.9	23.326
TPF	75.00%	1396.9	130.25	236.98	5757.4	29.215
TPF	70.00%	1695.6	158.10	287.66	6988.7	35.463
TPF	65.00%	2009.8	187.40	340.96	8283.6	42.033

TPF	60.00%	2341.1	218.29	397.16	9649.1	48.963
TPF	55.00%	2692.2	251.03	456.73	11096.	56.305
TPF	50.00%	3091.6	305.27	522.11	12657.	68.110
TPF	45.00%	3526.9	368.58	592.79	14337.	81.827
TPF	40.00%	3998.3	437.13	669.32	16156.	96.680
TPF	35.00%	4552.8	517.77	759.35	18295.	114.15
TPF	30.00%	5201.8	612.15	864.71	20799.	134.60
TPF	25.00%	5946.2	721.79	985.37	23665.	158.51
TPF	20.00%	6947.9	887.58	1145.0	27428.	196.72
TPF	15.00%	8229.6	1099.7	1349.2	32242.	245.60
TPF	10.00%	10121.	1412.7	1650.6	39347.	317.73
TPF	5.00%	13639.	2033.5	2220.1	52298.	447.10
TPF	4.00%	14835.	2244.7	2413.8	56702.	491.08
TPF	3.00%	16322.	2503.5	2654.6	62196.	545.37
TPF	2.00%	18617.	2839.7	3026.6	71035.	622.58
TPF	1.00%	22655.	3431.5	3681.2	86592.	758.48
TPF	0.10%	38341.	7353.4	6007.2	0.13877E+06	1623.3
TPF	0.00%	0.12239E+08	0.50133E+07	0.14669E+07	0.31262E+08	0.10995E+07

Rank 13 2.34% 3954.1 4098.2

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

Mean	2.34%	3954.1	430.70	662.14	15985.	95.286
TPF	100.00%	12.005	1.1194	2.0366	49.481	0.25108
TPF	99.00%	62.092	5.7897	10.534	255.92	1.2986
TPF	98.00%	112.54	10.493	19.092	463.84	2.3537
TPF	97.00%	163.35	15.231	27.712	673.26	3.4163
TPF	96.00%	214.53	20.004	36.395	884.22	4.4868
TPF	95.00%	266.09	24.811	45.142	1096.7	5.5651
TPF	90.00%	512.43	47.780	86.933	2112.0	10.717
TPF	85.00%	749.08	69.846	127.08	3087.4	15.666
TPF	80.00%	988.00	92.124	167.61	4072.2	20.663
TPF	75.00%	1240.3	115.64	210.41	5111.9	25.939
TPF	70.00%	1502.1	140.06	254.83	6191.0	31.415
TPF	65.00%	1781.5	166.11	302.23	7342.7	37.259
TPF	60.00%	2077.1	193.67	352.38	8561.0	43.441
TPF	55.00%	2391.4	222.98	405.69	9856.4	50.014
TPF	50.00%	2727.5	254.33	462.73	11242.	57.045
TPF	45.00%	3116.9	308.94	526.21	12754.	68.906
TPF	40.00%	3543.5	370.99	595.49	14401.	82.350
TPF	35.00%	4012.6	439.20	671.63	16211.	97.128
TPF	30.00%	4577.0	521.28	763.27	18388.	114.91
TPF	25.00%	5250.9	619.29	872.68	20989.	136.15
TPF	20.00%	6066.7	741.73	1004.6	24117.	163.10
TPF	15.00%	7194.2	928.32	1184.2	28353.	206.11
TPF	10.00%	8842.5	1201.1	1446.9	34544.	268.97
TPF	5.00%	11824.	1713.1	1926.3	45617.	380.37
TPF	4.00%	12775.	1881.0	2080.3	49119.	415.35
TPF	3.00%	14161.	2125.7	2304.7	54220.	466.30
TPF	2.00%	16034.	2456.3	2607.9	61114.	535.15
TPF	1.00%	19469.	2964.5	3164.6	74316.	651.24
TPF	0.10%	32648.	5830.1	5176.4	0.12034E+06	1288.7
TPF	0.00%	0.12239E+08	0.50133E+07	0.14669E+07	0.31262E+08	0.10995E+07

Rank 14 1.19% 3493.9 3568.1

Prob.	BOE (MBbl)	Oil (MBbl)	COil(MBbl)	Gas (MMcf)	SGas(MMcf)	
-----	-----	-----	-----	-----	-----	
Mean	1.19%	3493.9	363.77	587.42	14209.	80.785
TPF 100.00%	12.005	1.1194	2.0366	49.481	0.25108	
TPF 99.00%	56.188	5.2392	9.5323	231.59	1.1751	
TPF 98.00%	100.70	9.3900	17.084	415.07	2.1062	
TPF 97.00%	145.56	13.573	24.694	599.95	3.0443	
TPF 96.00%	190.76	17.787	32.363	786.26	3.9897	
TPF 95.00%	236.32	22.035	40.091	974.02	4.9425	
TPF 90.00%	457.49	42.658	77.613	1885.6	9.5681	
TPF 85.00%	673.83	62.830	114.32	2777.3	14.093	
TPF 80.00%	883.24	82.356	149.84	3640.4	18.472	
TPF 75.00%	1109.8	103.48	188.27	4574.0	23.210	
TPF 70.00%	1343.2	125.24	227.87	5536.1	28.092	
TPF 65.00%	1591.7	148.42	270.03	6560.4	33.289	
TPF 60.00%	1856.8	173.14	315.01	7653.2	38.834	
TPF 55.00%	2139.5	199.49	362.96	8818.2	44.746	
TPF 50.00%	2442.7	227.76	414.40	10068.	51.087	
TPF 45.00%	2770.7	258.61	470.02	11419.	58.000	
TPF 40.00%	3158.0	314.93	532.89	12913.	70.203	
TPF 35.00%	3585.2	377.06	602.25	14562.	83.663	
TPF 30.00%	4063.5	446.61	679.91	16407.	98.734	
TPF 25.00%	4661.0	533.50	776.91	18713.	117.56	
TPF 20.00%	5388.0	639.23	894.94	21518.	140.47	
TPF 15.00%	6349.5	788.54	1049.6	25180.	173.89	
TPF 10.00%	7731.9	1017.3	1269.9	30372.	226.61	
TPF 5.00%	10312.	1446.2	1681.5	40052.	324.79	
TPF 4.00%	11218.	1606.1	1828.2	43386.	358.09	
TPF 3.00%	12339.	1804.0	2009.6	47512.	399.30	
TPF 2.00%	14026.	2101.9	2282.8	53723.	461.34	
TPF 1.00%	16982.	2600.2	2761.5	64737.	567.56	
TPF 0.10%	28161.	4629.2	4521.5	0.10581E+06	1024.9	
TPF 0.00%	0.12239E+08	0.50133E+07	0.14669E+07	0.31262E+08	0.10995E+07	

Rank 15 0.57% 3111.4 3135.1

Prob.	BOE (MBbl)	Oil (MBbl)	COil(MBbl)	Gas (MMcf)	SGas(MMcf)	
-----	-----	-----	-----	-----	-----	
Mean	0.57%	3111.4	308.16	525.33	12733.	68.735
TPF 100.00%	12.005	1.1194	2.0366	49.481	0.25108	
TPF 99.00%	51.241	4.7779	8.6930	211.20	1.0717	
TPF 98.00%	90.786	8.4652	15.402	374.19	1.8987	
TPF 97.00%	130.65	12.182	22.164	538.48	2.7324	
TPF 96.00%	170.83	15.928	28.981	704.09	3.5727	
TPF 95.00%	211.33	19.706	35.853	871.04	4.4199	
TPF 90.00%	411.29	38.350	69.775	1695.2	8.6019	
TPF 85.00%	609.20	56.804	103.35	2510.9	12.741	
TPF 80.00%	797.47	74.359	135.29	3286.9	16.679	
TPF 75.00%	997.44	93.004	169.21	4111.1	20.861	
TPF 70.00%	1209.7	112.80	205.23	4986.0	25.300	
TPF 65.00%	1430.3	133.36	242.65	5895.1	29.914	

TPF	60.00%	1669.0	155.63	283.15	6879.1	34.907
TPF	55.00%	1924.1	179.41	326.43	7930.6	40.242
TPF	50.00%	2198.4	204.99	372.96	9061.2	45.979
TPF	45.00%	2495.7	232.70	423.39	10286.	52.195
TPF	40.00%	2825.3	266.55	478.88	11629.	59.720
TPF	35.00%	3215.1	323.23	542.17	13133.	72.002
TPF	30.00%	3653.0	386.91	613.26	14823.	85.799
TPF	25.00%	4155.0	459.92	694.76	16760.	101.62
TPF	20.00%	4816.8	556.16	802.21	19314.	122.47
TPF	15.00%	5644.1	676.47	936.52	22506.	148.53
TPF	10.00%	6894.3	878.70	1136.4	27226.	194.67
TPF	5.00%	9134.0	1249.4	1493.3	35639.	280.09
TPF	4.00%	9861.1	1369.7	1609.2	38370.	307.82
TPF	3.00%	10877.	1546.0	1773.0	42132.	345.57
TPF	2.00%	12310.	1798.9	2004.9	47405.	398.23
TPF	1.00%	14923.	2260.2	2428.0	57025.	494.31
TPF	0.10%	24418.	3689.7	3966.9	93380.	817.78
TPF	0.00%	0.12239E+08	0.50133E+07	0.14669E+07	0.31262E+08	0.10995E+07

Rank 16 0.26% 2788.7 2775.9

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

Mean	0.26%	2788.7	261.22	472.93	11488.	58.565
TPF	100.00%	12.005	1.1194	2.0366	49.481	0.25108
TPF	99.00%	47.025	4.3848	7.9777	193.82	0.98350
TPF	98.00%	82.331	7.6768	13.967	339.34	1.7219
TPF	97.00%	117.93	10.996	20.006	486.05	2.4664
TPF	96.00%	153.82	14.343	26.096	633.99	3.2171
TPF	95.00%	190.02	17.718	32.236	783.18	3.9741
TPF	90.00%	371.82	34.669	63.078	1532.5	7.7763
TPF	85.00%	549.07	51.197	93.150	2263.1	11.484
TPF	80.00%	723.95	67.504	122.82	2983.9	15.141
TPF	75.00%	900.99	84.011	152.85	3713.5	18.844
TPF	70.00%	1093.3	101.94	185.48	4506.2	22.866
TPF	65.00%	1293.6	120.62	219.46	5331.7	27.055
TPF	60.00%	1506.8	140.50	255.63	6210.6	31.515
TPF	55.00%	1737.8	162.03	294.81	7162.4	36.344
TPF	50.00%	1986.6	185.24	337.02	8188.0	41.548
TPF	45.00%	2256.8	210.43	382.87	9301.8	47.200
TPF	40.00%	2553.1	238.06	433.13	10523.	53.397
TPF	35.00%	2891.6	276.18	489.63	11885.	61.807
TPF	30.00%	3293.0	334.55	554.80	13434.	74.455
TPF	25.00%	3754.7	401.70	629.77	15215.	89.003
TPF	20.00%	4311.8	482.72	720.22	17365.	106.56
TPF	15.00%	5079.2	594.32	844.80	20326.	130.74
TPF	10.00%	6144.8	754.66	1017.0	24411.	166.08
TPF	5.00%	8092.1	1076.9	1327.3	31725.	240.35
TPF	4.00%	8780.5	1190.9	1437.0	34311.	266.60
TPF	3.00%	9638.1	1332.8	1573.6	37533.	299.31
TPF	2.00%	10912.	1552.2	1778.7	42261.	346.86
TPF	1.00%	13133.	1944.3	2138.3	50437.	428.51
TPF	0.10%	21517.	3264.6	3496.6	82205.	720.16
TPF	0.00%	0.12239E+08	0.50133E+07	0.14669E+07	0.31262E+08	0.10995E+07

Rank 17 0.11% 2513.4 2474.2

Prob.	BOE (MBbl)	Oil (MBbl)	COil(MBbl)	Gas (MMcf)	SGas(MMcf)	
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Mean	0.11%	2513.4	234.36	426.40	10359.	52.566
TPF 100.00%	12.005	1.1194	2.0366	49.481	0.25108	
TPF 99.00%	43.404	4.0471	7.3635	178.90	0.90777	
TPF 98.00%	75.068	6.9995	12.735	309.40	1.5700	
TPF 97.00%	107.00	9.9770	18.152	441.01	2.2378	
TPF 96.00%	139.21	12.980	23.616	573.75	2.9114	
TPF 95.00%	171.69	16.009	29.127	707.65	3.5908	
TPF 90.00%	337.84	31.501	57.314	1392.4	7.0657	
TPF 85.00%	497.26	46.366	84.359	2049.5	10.400	
TPF 80.00%	660.51	61.588	112.05	2722.4	13.814	
TPF 75.00%	819.71	76.432	139.06	3378.5	17.144	
TPF 70.00%	991.35	92.437	168.18	4086.0	20.733	
TPF 65.00%	1175.3	109.59	199.38	4844.0	24.580	
TPF 60.00%	1367.0	127.46	231.91	5634.3	28.590	
TPF 55.00%	1575.6	146.92	267.30	6494.1	32.953	
TPF 50.00%	1801.9	168.02	305.70	7427.0	37.686	
TPF 45.00%	2048.2	190.98	347.48	8442.0	42.837	
TPF 40.00%	2318.8	216.22	393.39	9557.4	48.497	
TPF 35.00%	2619.8	244.28	444.45	10798.	54.791	
TPF 30.00%	2976.0	288.46	503.35	12211.	64.469	
TPF 25.00%	3401.1	350.29	572.37	13851.	77.864	
TPF 20.00%	3906.4	423.77	654.40	15801.	93.783	
TPF 15.00%	4575.9	521.13	763.10	18384.	114.88	
TPF 10.00%	5532.6	660.27	918.43	22076.	145.02	
TPF 5.00%	7259.0	939.06	1194.6	28596.	208.58	
TPF 4.00%	7801.5	1028.8	1281.0	30634.	229.27	
TPF 3.00%	8611.0	1162.8	1410.0	33675.	260.14	
TPF 2.00%	9709.8	1344.7	1585.1	37802.	302.05	
TPF 1.00%	11716.	1694.0	1908.8	45219.	376.40	
TPF 0.10%	19021.	2899.0	3092.1	72592.	636.19	
TPF 0.00%	0.12239E+08	0.50133E+07	0.14669E+07	0.31262E+08	0.10995E+07	

Rank 18 0.04% 2276.5 2217.4

Prob.	BOE (MBbl)	Oil (MBbl)	COil(MBbl)	Gas (MMcf)	SGas(MMcf)	
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Mean	0.04%	2276.5	212.27	386.21	9382.9	47.612
TPF 100.00%	12.005	1.1194	2.0366	49.481	0.25108	
TPF 99.00%	40.286	3.7564	6.8344	166.04	0.84255	
TPF 98.00%	68.810	6.4161	11.674	283.61	1.4391	
TPF 97.00%	97.583	9.0989	16.555	402.20	2.0409	
TPF 96.00%	126.61	11.805	21.479	521.83	2.6479	
TPF 95.00%	155.89	14.536	26.447	642.53	3.2604	
TPF 90.00%	306.37	28.567	51.975	1262.7	6.4075	
TPF 85.00%	452.48	42.191	76.763	1865.0	9.4634	
TPF 80.00%	603.86	56.306	102.44	2488.9	12.629	
TPF 75.00%	749.73	69.907	127.19	3090.1	15.680	
TPF 70.00%	902.89	84.188	153.17	3721.4	18.883	
TPF 65.00%	1070.3	99.797	181.57	4411.4	22.384	

TPF	60.00%	1246.7	116.25	211.51	5138.6	26.075
TPF	55.00%	1434.3	133.74	243.32	5911.5	29.997
TPF	50.00%	1640.7	152.98	278.34	6762.2	34.313
TPF	45.00%	1865.6	173.96	316.50	7689.5	39.019
TPF	40.00%	2113.3	197.05	358.52	8710.3	44.198
TPF	35.00%	2389.3	222.79	405.35	9847.9	49.971
TPF	30.00%	2701.9	251.93	458.37	11136.	56.508
TPF	25.00%	3088.3	304.79	521.57	12644.	68.006
TPF	20.00%	3555.3	372.70	597.39	14446.	82.720
TPF	15.00%	4138.0	457.45	692.01	16695.	101.08
TPF	10.00%	5017.8	585.39	834.84	20089.	128.80
TPF	5.00%	6543.1	820.57	1080.5	25907.	181.27
TPF	4.00%	7054.1	905.15	1161.9	27827.	200.77
TPF	3.00%	7694.4	1011.1	1263.9	30232.	225.18
TPF	2.00%	8711.3	1179.4	1426.0	34051.	263.97
TPF	1.00%	10436.	1468.0	1701.5	40506.	329.33
TPF	0.10%	16895.	2587.4	2747.5	64403.	564.64
TPF	0.00%	0.12239E+08	0.50133E+07	0.14669E+07	0.31262E+08	0.10995E+07

Rank 19 0.02% 2069.7 1994.1

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

Mean	0.02%	2069.7	192.98	351.12	8530.4	43.286
TPF	100.00%	12.005	1.1194	2.0366	49.481	0.25108
TPF	99.00%	37.587	3.5047	6.3766	154.92	0.78611
TPF	98.00%	63.395	5.9111	10.755	261.29	1.3259
TPF	97.00%	89.431	8.3388	15.172	368.60	1.8704
TPF	96.00%	115.70	10.788	19.629	476.88	2.4198
TPF	95.00%	142.21	13.260	24.126	586.14	2.9742
TPF	90.00%	278.50	25.969	47.248	1147.9	5.8247
TPF	85.00%	413.61	38.566	70.168	1704.7	8.6503
TPF	80.00%	550.98	51.375	93.474	2271.0	11.523
TPF	75.00%	688.81	64.227	116.86	2839.0	14.406
TPF	70.00%	827.57	77.165	140.40	3410.9	17.308
TPF	65.00%	978.16	91.207	165.94	4031.6	20.458
TPF	60.00%	1141.2	106.41	193.60	4703.4	23.867
TPF	55.00%	1312.4	122.37	222.65	5409.3	27.448
TPF	50.00%	1499.0	139.77	254.30	6178.2	31.350
TPF	45.00%	1704.9	158.97	289.23	7026.8	35.656
TPF	40.00%	1931.9	180.13	327.74	7962.4	40.403
TPF	35.00%	2185.3	203.76	370.73	9006.8	45.703
TPF	30.00%	2472.7	230.56	419.49	10192.	51.715
TPF	25.00%	2809.2	264.20	476.26	11567.	59.212
TPF	20.00%	3240.6	326.94	546.30	13232.	72.804
TPF	15.00%	3780.4	405.43	633.93	15315.	89.812
TPF	10.00%	4549.7	517.32	758.85	18283.	114.05
TPF	5.00%	5883.7	711.44	975.40	23430.	156.13
TPF	4.00%	6363.2	790.80	1051.8	25231.	174.41
TPF	3.00%	6965.2	890.43	1147.7	27493.	197.37
TPF	2.00%	7784.4	1026.0	1278.3	30570.	228.62
TPF	1.00%	9368.6	1288.2	1530.7	36520.	289.03
TPF	0.10%	15048.	2282.3	2448.4	57487.	498.92
TPF	0.00%	0.12239E+08	0.50133E+07	0.14669E+07	0.31262E+08	0.10995E+07

Rank 20 0.01% 1882.9 1791.9

Prob.	BOE (MBbl)	Oil (MBbl)	COil(MBbl)	Gas (MMcf)	SGas(MMcf)	
----	-----	-----	-----	-----	-----	
Mean	0.01%	1882.9	175.57	319.43	7760.6	39.380
TPF	100.00%	12.005	1.1194	2.0366	49.481	0.25108
TPF	99.00%	35.213	3.2834	5.9738	145.13	0.73645
TPF	98.00%	58.628	5.4666	9.9461	241.64	1.2262
TPF	97.00%	82.253	7.6696	13.954	339.02	1.7203
TPF	96.00%	106.09	9.8926	17.999	437.28	2.2189
TPF	95.00%	130.16	12.136	22.081	536.46	2.7221
TPF	90.00%	253.91	23.676	43.076	1046.5	5.3104
TPF	85.00%	379.24	35.362	64.338	1563.1	7.9316
TPF	80.00%	504.15	47.009	85.529	2077.9	10.544
TPF	75.00%	634.75	59.186	107.68	2616.2	13.275
TPF	70.00%	761.10	70.967	129.12	3137.0	15.918
TPF	65.00%	896.04	83.549	152.01	3693.1	18.740
TPF	60.00%	1044.7	97.410	177.23	4305.8	21.849
TPF	55.00%	1203.5	112.21	204.17	4960.2	25.170
TPF	50.00%	1372.5	127.98	232.85	5657.0	28.705
TPF	45.00%	1559.9	145.45	264.63	6429.2	32.623
TPF	40.00%	1767.6	164.82	299.87	7285.5	36.968
TPF	35.00%	1999.8	186.46	339.26	8242.3	41.824
TPF	30.00%	2263.4	211.05	383.99	9329.0	47.338
TPF	25.00%	2569.4	239.58	435.90	10590.	53.738
TPF	20.00%	2949.8	284.64	499.08	12109.	63.641
TPF	15.00%	3447.2	356.99	579.85	14029.	79.316
TPF	10.00%	4123.0	455.26	689.56	16637.	100.61
TPF	5.00%	5346.6	633.21	888.23	21358.	139.16
TPF	4.00%	5727.2	688.56	950.02	22827.	151.15
TPF	3.00%	6263.1	774.24	1035.9	24855.	170.60
TPF	2.00%	7030.1	901.17	1158.1	27736.	199.85
TPF	1.00%	8369.9	1122.9	1371.6	32769.	250.95
TPF	0.10%	13314.	1976.1	2167.5	51102.	435.15
TPF	0.00%	0.12239E+08	0.50133E+07	0.14669E+07	0.31262E+08	0.10995E+07

Rank 21 0.00% 1700.5 1595.3

Prob.	BOE (MBbl)	Oil (MBbl)	COil(MBbl)	Gas (MMcf)	SGas(MMcf)	
----	-----	-----	-----	-----	-----	
Mean	0.00%	1700.5	158.56	288.48	7008.7	35.564
TPF	100.00%	12.005	1.1194	2.0366	49.481	0.25108
TPF	99.00%	32.992	3.0763	5.5971	135.98	0.69001
TPF	98.00%	54.168	5.0507	9.1895	223.26	1.1329
TPF	97.00%	75.535	7.0431	12.814	311.33	1.5798
TPF	96.00%	97.097	9.0536	16.472	400.20	2.0307
TPF	95.00%	118.86	11.083	20.164	489.89	2.4858
TPF	90.00%	230.80	21.520	39.154	951.26	4.8269
TPF	85.00%	346.83	32.339	58.839	1429.5	7.2537
TPF	80.00%	459.83	42.876	78.010	1895.3	9.6171
TPF	75.00%	579.25	54.011	98.269	2387.4	12.115
TPF	70.00%	697.71	65.057	118.37	2875.7	14.592
TPF	65.00%	819.49	76.411	139.03	3377.6	17.139

TPF	60.00%	951.93	88.761	161.49	3923.5	19.909
TPF	55.00%	1096.7	102.26	186.06	4520.4	22.938
TPF	50.00%	1251.2	116.67	212.27	5157.1	26.169
TPF	45.00%	1418.4	132.26	240.64	5846.3	29.666
TPF	40.00%	1606.6	149.80	272.55	6621.6	33.600
TPF	35.00%	1816.9	169.41	308.23	7488.4	37.998
TPF	30.00%	2055.8	191.69	348.77	8473.3	42.996
TPF	25.00%	2333.4	217.57	395.85	9617.3	48.801
TPF	20.00%	2665.9	248.57	452.26	10988.	55.755
TPF	15.00%	3110.0	307.95	525.10	12728.	68.691
TPF	10.00%	3726.4	397.59	625.18	15106.	88.112
TPF	5.00%	4794.3	552.89	798.55	19227.	121.76
TPF	4.00%	5144.8	603.86	855.46	20579.	132.80
TPF	3.00%	5586.9	668.16	927.24	22285.	146.73
TPF	2.00%	6247.1	771.59	1033.3	24795.	169.99
TPF	1.00%	7410.3	964.09	1218.7	29164.	214.35
TPF	0.10%	11729.	1696.3	1910.8	45266.	376.87
TPF	0.00%	0.12239E+08	0.50133E+07	0.14669E+07	0.31262E+08	0.10995E+07

Rank 22 0.00% 1492.3 1383.8

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

Mean	0.00%	1492.3	139.14	253.16	6150.6	31.210
TPF	100.00%	12.005	1.1194	2.0366	49.481	0.25108
TPF	99.00%	30.462	2.8404	5.1678	125.55	0.63709
TPF	98.00%	49.079	4.5763	8.3262	202.29	1.0265
TPF	97.00%	67.860	6.3275	11.512	279.69	1.4192
TPF	96.00%	86.807	8.0941	14.727	357.79	1.8155
TPF	95.00%	105.92	9.8767	17.970	436.58	2.2153
TPF	90.00%	204.19	19.039	34.640	841.59	4.2705
TPF	85.00%	307.28	28.652	52.129	1266.5	6.4265
TPF	80.00%	408.33	38.074	69.273	1683.0	8.5400
TPF	75.00%	512.85	47.820	87.005	2113.8	10.726
TPF	70.00%	623.47	58.134	105.77	2569.7	13.039
TPF	65.00%	729.93	68.061	123.83	3008.5	15.266
TPF	60.00%	843.86	78.684	143.16	3478.1	17.649
TPF	55.00%	969.14	90.365	164.41	3994.4	20.269
TPF	50.00%	1106.4	103.16	187.69	4560.0	23.139
TPF	45.00%	1253.8	116.91	212.71	5167.8	26.223
TPF	40.00%	1415.4	131.97	240.12	5833.7	29.602
TPF	35.00%	1599.6	149.15	271.37	6592.9	33.454
TPF	30.00%	1809.3	168.70	306.95	7457.3	37.840
TPF	25.00%	2053.4	191.47	348.36	8463.4	42.946
TPF	20.00%	2346.7	218.81	398.11	9672.2	49.079
TPF	15.00%	2716.5	253.29	460.85	11196.	56.814
TPF	10.00%	3261.3	329.95	549.66	13312.	73.457
TPF	5.00%	4161.0	460.78	695.73	16783.	101.80
TPF	4.00%	4469.8	505.71	745.88	17975.	111.54
TPF	3.00%	4871.8	564.16	811.14	19526.	124.20
TPF	2.00%	5425.2	644.64	900.99	21662.	141.64
TPF	1.00%	6418.2	799.90	1060.6	25438.	176.51
TPF	0.10%	10039.	1399.2	1637.5	39039.	314.61
TPF	0.00%	0.12239E+08	0.50133E+07	0.14669E+07	0.31262E+08	0.10995E+07

Rank 23 0.00% 1201.1 1133.5

Prob.	BOE (MBbl)	Oil (MBbl)	COil(MBbl)	Gas (MMcf)	SGas(MMcf)	
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Mean	0.00%	1201.1	112.00	203.77	4950.6	25.121
TPF 100.00%	12.005	1.1194	2.0366	49.481	0.25108	
TPF 99.00%	25.934	2.4182	4.3998	106.89	0.54240	
TPF 98.00%	39.999	3.7297	6.7859	164.86	0.83656	
TPF 97.00%	54.202	5.0540	9.1954	223.40	1.1336	
TPF 96.00%	68.546	6.3914	11.629	282.52	1.4336	
TPF 95.00%	83.033	7.7422	14.086	342.23	1.7366	
TPF 90.00%	157.73	14.707	26.759	650.11	3.2988	
TPF 85.00%	236.51	22.053	40.123	974.80	4.9464	
TPF 80.00%	319.85	29.824	54.262	1318.3	6.6894	
TPF 75.00%	401.55	37.442	68.123	1655.1	8.3982	
TPF 70.00%	487.62	45.467	82.724	2009.8	10.198	
TPF 65.00%	579.77	54.060	98.358	2389.6	12.126	
TPF 60.00%	673.41	62.790	114.24	2775.5	14.084	
TPF 55.00%	770.39	71.833	130.70	3175.3	16.112	
TPF 50.00%	876.20	81.700	148.65	3611.4	18.325	
TPF 45.00%	996.13	92.882	168.99	4105.7	20.833	
TPF 40.00%	1129.8	105.35	191.68	4656.8	23.630	
TPF 35.00%	1277.4	119.11	216.72	5265.1	26.717	
TPF 30.00%	1446.5	134.88	245.40	5962.1	30.253	
TPF 25.00%	1648.3	153.69	279.63	6793.6	34.473	
TPF 20.00%	1893.0	176.51	321.15	7802.4	39.591	
TPF 15.00%	2205.1	205.61	374.09	9088.5	46.118	
TPF 10.00%	2638.3	246.01	447.59	10874.	55.179	
TPF 5.00%	3411.3	351.77	574.02	13891.	78.185	
TPF 4.00%	3658.6	387.74	614.17	14845.	85.977	
TPF 3.00%	3974.0	433.59	665.37	16062.	95.912	
TPF 2.00%	4436.6	500.87	740.48	17847.	110.49	
TPF 1.00%	5264.4	621.26	874.88	21041.	136.57	
TPF 0.10%	8256.0	1104.1	1353.4	32341.	246.60	
TPF 0.00%	0.12239E+08	0.50133E+07	0.14669E+07	0.31262E+08	0.10995E+07	