

GEOLOGIC ECONOMIC RESOURCE MODEL MODULE PSRK

Geologic Economic Resource Model (Ver 8.29.2005)

The Current UAI AAAAABAQ 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 10 - Brookian Faulted Western Turbidite

Geologist Peter Johnson

Remarks Play 10 2005 Assessment

Run date Date 16-SEP-05 Time 08:56:58

USER SUPPLIED PARAMETERS

RECOVERABLE RESOURCES? > R

B) Pool Size Distribution

Z PROB.

EXPECTATION = 64772.

S.D. = 0.15184E+06

MU = 10.054

SIG.SQ. = 2.0697

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

Mean	%	64772.	4361.8	12082.	0.26855E+06	3056.4
TPF 100.00%	41.831	2.3002	7.2787	179.64	1.6151	
TPF 99.00%	608.86	33.481	105.94	2614.7	23.509	
TPF 98.00%	1075.0	59.116	187.06	4616.8	41.509	
TPF 97.00%	1461.5	80.368	254.31	6276.5	56.431	
TPF 96.00%	1865.3	102.57	324.56	8010.3	72.020	
TPF 95.00%	2208.7	121.45	384.32	9485.2	85.280	
TPF 90.00%	3847.6	211.57	669.49	16523.	148.56	
TPF 85.00%	5480.9	331.30	961.66	23307.	228.96	
TPF 80.00%	7271.7	462.57	1282.0	30745.	317.12	
TPF 75.00%	9222.9	567.10	1628.3	39115.	379.92	
TPF 70.00%	11377.	682.54	2010.7	48356.	449.27	
TPF 65.00%	13829.	875.18	2449.0	58446.	592.76	
TPF 60.00%	16627.	1095.0	2949.3	69961.	756.53	
TPF 55.00%	19842.	1374.8	3513.2	83084.	958.30	
TPF 50.00%	23487.	1692.0	4152.7	97963.	1187.1	
TPF 45.00%	27908.	2011.1	4981.1	0.11616E+06	1387.5	
TPF 40.00%	33189.	2392.2	5970.8	0.13790E+06	1626.9	
TPF 35.00%	39690.	2853.9	7065.5	0.16536E+06	1949.1	
TPF 30.00%	47836.	3432.5	8437.3	0.19978E+06	2352.9	

TPF	25.00%	59029.	4046.6	10846.	0.24522E+06	2817.8
TPF	20.00%	74805.	4912.3	14242.	0.30929E+06	3473.2
TPF	15.00%	98511.	7851.6	17149.	0.40751E+06	5616.5
TPF	10.00%	0.14057E+06	13067.	22307.	0.58180E+06	9419.7
TPF	5.00%	0.24737E+06	19291.	44655.	0.10169E+07	13934.
TPF	4.00%	0.29335E+06	21971.	54276.	0.12042E+07	15877.
TPF	3.00%	0.36157E+06	25947.	68553.	0.14822E+07	18761.
TPF	2.00%	0.47286E+06	32433.	91841.	0.19356E+07	23465.
TPF	1.00%	0.70477E+06	45948.	0.14037E+06	0.28805E+07	33267.
TPF	0.10%	0.18600E+07	0.11327E+06	0.38211E+06	0.75870E+07	82094.
TPF	0.00%	0.59358E+07	0.35081E+06	0.12350E+07	0.24193E+08	0.25437E+06

C) No.of Pools Distribution

Lower Support = 0
Upper Support = 15
Expectation = 3.63
Standard Deviation= 2.51

Rank 1 79.52% 0.20538E+06 0.37711E+06

Prob.	BOE (MBbl)	Oil (MBbl)	COil(MBbl)	Gas (MMcf)	SGas(MMcf)
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Mean	79.52%	0.20538E+06	16844.	35869.	0.84584E+06	12159.
TPF	100.00%	41.831	2.3002	7.2787	179.64	1.6151
TPF	99.00%	6170.3	381.83	1085.0	26171.	262.90
TPF	98.00%	9533.1	583.72	1683.3	40445.	389.91
TPF	97.00%	12243.	750.58	2165.5	51920.	499.95
TPF	96.00%	14612.	936.68	2588.9	61667.	638.57
TPF	95.00%	16733.	1104.2	2967.8	70392.	763.17
TPF	90.00%	25846.	1862.3	4594.7	0.10767E+06	1294.0
TPF	85.00%	33771.	2433.5	6068.8	0.14035E+06	1655.7
TPF	80.00%	41544.	2985.6	7377.8	0.17320E+06	2041.0
TPF	75.00%	49267.	3511.0	8745.3	0.20559E+06	2412.4
TPF	70.00%	57616.	3969.1	10542.	0.23949E+06	2759.2
TPF	65.00%	67096.	4489.3	12582.	0.27798E+06	3152.9
TPF	60.00%	76428.	5113.5	14441.	0.31601E+06	3619.9
TPF	55.00%	88162.	6568.4	15880.	0.36463E+06	4680.8
TPF	50.00%	98887.	7898.3	17195.	0.40907E+06	5650.6
TPF	45.00%	0.11593E+06	10012.	19285.	0.47970E+06	7191.6
TPF	40.00%	0.13157E+06	11950.	21202.	0.54448E+06	8605.2
TPF	35.00%	0.15437E+06	13871.	25195.	0.63802E+06	10003.
TPF	30.00%	0.18845E+06	15857.	32326.	0.77687E+06	11443.
TPF	25.00%	0.22029E+06	17713.	38989.	0.90659E+06	12789.
TPF	20.00%	0.25340E+06	19642.	45917.	0.10415E+07	14189.
TPF	15.00%	0.32399E+06	23756.	60688.	0.13291E+07	17172.
TPF	10.00%	0.43892E+06	30454.	84738.	0.17973E+07	22030.
TPF	5.00%	0.67613E+06	44279.	0.13438E+06	0.27637E+07	32056.
TPF	4.00%	0.84036E+06	53850.	0.16874E+06	0.34328E+07	38997.
TPF	3.00%	0.11316E+07	70822.	0.22968E+06	0.46193E+07	51306.
TPF	2.00%	0.14199E+07	87628.	0.29002E+06	0.57942E+07	63495.
TPF	1.00%	0.17055E+07	0.10427E+06	0.34978E+06	0.69577E+07	75565.
TPF	0.10%	0.50416E+07	0.29870E+06	0.10479E+07	0.20549E+08	0.21657E+06
TPF	0.00%	0.59358E+07	0.35081E+06	0.12350E+07	0.24193E+08	0.25437E+06

Rank 2 76.66% 60353. 75346.

Prob.	BOE (MBbl)	Oil (MBbl)	COil(MBbl)	Gas (MMcf)	SGas(MMcf)
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Mean	76.66%	60353.	4119.3	11131.	0.25060E+06 2872.9
TPF 100.00%	41.831	2.3002	7.2787	179.64	1.6151
TPF 99.00%	1998.7	109.91	347.78	8583.5	77.173
TPF 98.00%	3228.8	177.55	561.81	13866.	124.67
TPF 97.00%	4290.7	244.06	748.76	18364.	170.37
TPF 96.00%	5232.3	313.07	917.19	22275.	216.72
TPF 95.00%	6138.9	379.53	1079.4	26040.	261.36
TPF 90.00%	10115.	614.89	1786.6	42940.	408.63
TPF 85.00%	13647.	860.83	2416.3	57694.	582.07
TPF 80.00%	17088.	1135.1	3030.0	71839.	785.42
TPF 75.00%	20479.	1430.2	3624.9	85682.	998.25
TPF 70.00%	23832.	1716.9	4217.3	99382.	1202.7
TPF 65.00%	27415.	1975.5	4888.7	0.11413E+06	1365.1
TPF 60.00%	31231.	2250.9	5603.9	0.12984E+06	1538.1
TPF 55.00%	35248.	2538.4	6317.4	0.14659E+06	1728.9
TPF 50.00%	39448.	2836.8	7024.8	0.16434E+06	1937.1
TPF 45.00%	44394.	3188.0	7857.7	0.18524E+06	2182.3
TPF 40.00%	49724.	3536.1	8843.5	0.20744E+06	2431.3
TPF 35.00%	56158.	3889.2	10228.	0.23357E+06	2698.6
TPF 30.00%	63910.	4314.5	11897.	0.26505E+06	3020.6
TPF 25.00%	72819.	4803.3	13814.	0.30122E+06	3390.6
TPF 20.00%	85411.	6227.3	15542.	0.35323E+06	4432.1
TPF 15.00%	0.10035E+06	8080.1	17375.	0.41515E+06	5783.2
TPF 10.00%	0.12751E+06	11447.	20705.	0.52767E+06	8238.4
TPF 5.00%	0.18850E+06	15860.	32336.	0.77706E+06	11445.
TPF 4.00%	0.20782E+06	16986.	36379.	0.85578E+06	12262.
TPF 3.00%	0.22916E+06	18230.	40845.	0.94273E+06	13164.
TPF 2.00%	0.26102E+06	20087.	47512.	0.10725E+07	14511.
TPF 1.00%	0.34387E+06	24915.	64847.	0.14100E+07	18012.
TPF 0.10%	0.70637E+06	46041.	0.14070E+06	0.28869E+07	33334.
TPF 0.00%	0.59358E+07	0.35081E+06	0.12350E+07	0.24193E+08	0.25437E+06

Rank 3 68.70% 30480. 32208.

Prob.	BOE (MBbl)	Oil (MBbl)	COil(MBbl)	Gas (MMcf)	SGas(MMcf)
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Mean	68.70%	30480.	2196.7	5463.2	0.12675E+06 1504.1
TPF 100.00%	41.831	2.3002	7.2787	179.64	1.6151
TPF 99.00%	901.62	49.579	156.88	3872.0	34.812
TPF 98.00%	1536.4	84.483	267.33	6597.9	59.320
TPF 97.00%	2098.5	115.39	365.15	9012.0	81.025
TPF 96.00%	2574.3	141.56	447.94	11055.	99.396
TPF 95.00%	3027.9	166.50	526.87	13003.	116.91
TPF 90.00%	5081.0	301.99	890.13	21646.	209.28
TPF 85.00%	7000.3	442.67	1233.5	29618.	303.76
TPF 80.00%	8885.4	549.02	1568.4	37667.	369.06
TPF 75.00%	10776.	650.33	1904.0	45778.	429.92
TPF 70.00%	12728.	788.68	2252.2	53916.	528.34
TPF 65.00%	14758.	948.14	2615.0	62267.	647.11

TPF	60.00%	16869.	1116.0	2991.6	70945.	771.67
TPF	55.00%	19166.	1316.0	3394.6	80324.	915.86
TPF	50.00%	21605.	1528.3	3822.5	90281.	1068.9
TPF	45.00%	24213.	1744.4	4288.8	0.10095E+06	1220.0
TPF	40.00%	27193.	1959.5	4847.2	0.11322E+06	1355.1
TPF	35.00%	30619.	2206.7	5489.2	0.12732E+06	1510.4
TPF	30.00%	34475.	2483.5	6187.4	0.14333E+06	1690.6
TPF	25.00%	39059.	2809.1	6959.2	0.16269E+06	1917.8
TPF	20.00%	44938.	3226.6	7949.2	0.18753E+06	2209.2
TPF	15.00%	52845.	3707.3	9515.3	0.22012E+06	2561.0
TPF	10.00%	64758.	4361.0	12079.	0.26849E+06	3055.8
TPF	5.00%	87277.	6458.6	15771.	0.36096E+06	4600.8
TPF	4.00%	94302.	7329.7	16633.	0.39007E+06	5236.0
TPF	3.00%	0.10531E+06	8694.2	17982.	0.43567E+06	6230.9
TPF	2.00%	0.12252E+06	10828.	20093.	0.50699E+06	7787.2
TPF	1.00%	0.15392E+06	13845.	25099.	0.63616E+06	9983.6
TPF	0.10%	0.28753E+06	21631.	53058.	0.11805E+07	15631.
TPF	0.00%	0.59358E+07	0.35081E+06	0.12350E+07	0.24193E+08	0.25437E+06

Rank 4 54.95% 18850. 18735.

Prob.	BOE (MBbl)	Oil (MBbl)	COil(MBbl)	Gas (MMcf)	SGas(MMcf)	
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Mean	54.95%	18850.	1288.5	3339.2	79033.	896.02
TPF	100.00%	41.831	2.3002	7.2787	179.64	1.6151
TPF	99.00%	507.27	27.894	88.267	2178.5	19.586
TPF	98.00%	903.27	49.670	157.17	3879.0	34.876
TPF	97.00%	1242.2	68.307	216.15	5334.6	47.962
TPF	96.00%	1552.1	85.346	270.06	6665.2	59.926
TPF	95.00%	1867.7	102.70	324.98	8020.7	72.113
TPF	90.00%	3127.0	171.95	544.11	13429.	120.74
TPF	85.00%	4313.6	245.73	752.84	18459.	171.50
TPF	80.00%	5453.5	329.29	956.76	23193.	227.61
TPF	75.00%	6662.6	417.92	1173.0	28216.	287.13
TPF	70.00%	7896.6	496.05	1392.9	33426.	337.23
TPF	65.00%	9162.2	563.85	1617.5	38854.	377.97
TPF	60.00%	10537.	637.52	1861.6	44752.	422.22
TPF	55.00%	11985.	730.29	2119.3	50858.	484.84
TPF	50.00%	13552.	853.39	2399.4	57305.	576.53
TPF	45.00%	15317.	992.11	2715.1	64570.	679.86
TPF	40.00%	17233.	1147.7	3055.5	72432.	794.53
TPF	35.00%	19403.	1336.6	3436.1	81290.	930.72
TPF	30.00%	21905.	1554.3	3875.1	91503.	1087.7
TPF	25.00%	24852.	1790.5	4408.5	0.10358E+06	1248.9
TPF	20.00%	28499.	2053.7	5091.9	0.11859E+06	1414.3
TPF	15.00%	33248.	2396.3	5980.7	0.13814E+06	1629.8
TPF	10.00%	40253.	2893.9	7160.3	0.16774E+06	1977.0
TPF	5.00%	53247.	3729.4	9601.9	0.22175E+06	2577.7
TPF	4.00%	57445.	3959.8	10505.	0.23880E+06	2752.1
TPF	3.00%	63706.	4303.3	11853.	0.26422E+06	3012.1
TPF	2.00%	72268.	4773.1	13696.	0.29899E+06	3367.8
TPF	1.00%	89139.	6689.6	16000.	0.36868E+06	4769.2
TPF	0.10%	0.16272E+06	14358.	26941.	0.67203E+06	10356.
TPF	0.00%	0.59358E+07	0.35081E+06	0.12350E+07	0.24193E+08	0.25437E+06

Rank 5 38.32% 13109. 12637.

Prob.	BOE (MBbl)	Oil (MBbl)	COil(MBbl)	Gas (MMcf)	SGas(MMcf)
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Mean	38.32%	13109.	818.56	2320.2	55481. 550.59
TPF 100.00%	41.831	2.3002	7.2787	179.64	1.6151
TPF 99.00%	328.14	18.044	57.097	1409.2	12.670
TPF 98.00%	613.08	33.713	106.68	2632.9	23.672
TPF 97.00%	847.75	46.617	147.51	3640.6	32.732
TPF 96.00%	1080.9	59.437	188.08	4641.9	41.734
TPF 95.00%	1274.9	70.108	221.84	5475.2	49.227
TPF 90.00%	2215.5	121.83	385.49	9514.2	85.540
TPF 85.00%	3034.1	166.84	527.94	13030.	117.15
TPF 80.00%	3853.4	212.00	670.53	16547.	148.84
TPF 75.00%	4673.5	272.11	817.23	19954.	189.21
TPF 70.00%	5501.9	332.84	965.42	23395.	230.00
TPF 65.00%	6419.0	400.06	1129.5	27204.	275.14
TPF 60.00%	7358.1	467.20	1297.3	31116.	319.90
TPF 55.00%	8395.2	522.76	1481.4	35564.	353.28
TPF 50.00%	9484.9	581.14	1674.8	40239.	388.35
TPF 45.00%	10700.	646.26	1890.5	45452.	427.48
TPF 40.00%	12048.	735.21	2130.5	51115.	488.50
TPF 35.00%	13563.	854.27	2401.4	57351.	577.19
TPF 30.00%	15367.	995.99	2723.9	64773.	682.75
TPF 25.00%	17468.	1168.2	3096.8	73393.	809.31
TPF 20.00%	20025.	1390.7	3545.2	83828.	969.74
TPF 15.00%	23320.	1677.4	4123.3	97279.	1176.5
TPF 10.00%	28197.	2031.9	5035.3	0.11735E+06	1400.6
TPF 5.00%	36977.	2661.2	6608.7	0.15390E+06	1814.6
TPF 4.00%	39693.	2854.1	7066.0	0.16537E+06	1949.3
TPF 3.00%	43725.	3140.5	7745.1	0.18241E+06	2149.1
TPF 2.00%	49187.	3506.6	8728.1	0.20526E+06	2409.0
TPF 1.00%	59474.	4071.1	10942.	0.24703E+06	2836.3
TPF 0.10%	0.10106E+06	8167.6	17461.	0.41807E+06	5847.0
TPF 0.00%	0.59358E+07	0.35081E+06	0.12350E+07	0.24193E+08	0.25437E+06

Rank 6 23.15% 9868.4 9308.3

Prob.	BOE (MBbl)	Oil (MBbl)	COil(MBbl)	Gas (MMcf)	SGas(MMcf)
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Mean	23.15%	9868.4	601.69	1742.8	41883. 400.70
TPF 100.00%	41.831	2.3002	7.2787	179.64	1.6151
TPF 99.00%	241.59	13.285	42.037	1037.5	9.3280
TPF 98.00%	441.94	24.302	76.899	1897.9	17.064
TPF 97.00%	636.85	35.020	110.81	2734.9	24.589
TPF 96.00%	802.59	44.133	139.65	3446.7	30.989
TPF 95.00%	968.86	53.277	168.58	4160.7	37.409
TPF 90.00%	1693.2	93.108	294.62	7271.5	65.377
TPF 85.00%	2342.9	128.83	407.67	10061.	90.461
TPF 80.00%	2957.3	162.62	514.58	12700.	114.18
TPF 75.00%	3586.5	197.22	624.05	15402.	138.48
TPF 70.00%	4231.3	239.70	738.13	18117.	167.45
TPF 65.00%	4895.0	288.35	856.85	20874.	200.12

TPF	60.00%	5591.2	339.39	981.40	23766.	234.39
TPF	55.00%	6373.5	396.73	1121.3	27015.	272.90
TPF	50.00%	7190.9	456.64	1267.5	30410.	313.14
TPF	45.00%	8119.9	508.01	1432.5	34384.	344.42
TPF	40.00%	9112.2	561.17	1608.6	38640.	376.36
TPF	35.00%	10273.	623.37	1814.7	43619.	413.72
TPF	30.00%	11567.	697.40	2044.5	49135.	460.34
TPF	25.00%	13160.	822.63	2329.4	55693.	553.62
TPF	20.00%	15120.	976.59	2679.7	63757.	668.30
TPF	15.00%	17660.	1184.9	3130.4	74176.	821.35
TPF	10.00%	21282.	1500.1	3765.9	88962.	1048.7
TPF	5.00%	27624.	1990.5	4927.8	0.11499E+06	1374.6
TPF	4.00%	29849.	2151.1	5344.8	0.12415E+06	1475.4
TPF	3.00%	32584.	2348.5	5857.4	0.13541E+06	1599.5
TPF	2.00%	36764.	2646.1	6572.9	0.15300E+06	1804.1
TPF	1.00%	44059.	3164.2	7801.2	0.18382E+06	2165.7
TPF	0.10%	72634.	4793.2	13774.	0.30047E+06	3383.0
TPF	0.00%	0.59358E+07	0.35081E+06	0.12350E+07	0.24193E+08	0.25437E+06

Rank 7 12.18% 7854.6 7264.4

Prob.	BOE (MBbl)	Oil (MBbl)	COil(MBbl)	Gas (MMcf)	SGas(MMcf)	
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Mean	12.18%	7854.6	493.80	1385.5	33246.	335.88
TPF	100.00%	41.831	2.3002	7.2787	179.64	1.6151
TPF	99.00%	192.95	10.610	33.574	828.63	7.4500
TPF	98.00%	344.86	18.964	60.007	1481.0	13.315
TPF	97.00%	497.58	27.361	86.580	2136.8	19.212
TPF	96.00%	643.61	35.391	111.99	2763.9	24.850
TPF	95.00%	770.53	42.370	134.07	3309.0	29.751
TPF	90.00%	1357.7	74.657	236.24	5830.5	52.421
TPF	85.00%	1919.4	105.54	333.98	8242.7	74.109
TPF	80.00%	2415.3	132.81	420.27	10372.	93.257
TPF	75.00%	2915.1	160.30	507.23	12519.	112.55
TPF	70.00%	3434.0	188.83	597.53	14747.	132.59
TPF	65.00%	3974.3	220.87	692.16	17050.	154.80
TPF	60.00%	4538.1	262.19	793.01	19391.	182.55
TPF	55.00%	5130.6	305.62	898.99	21852.	211.72
TPF	50.00%	5783.3	353.46	1015.7	24563.	243.85
TPF	45.00%	6513.5	406.99	1146.4	27596.	279.79
TPF	40.00%	7298.9	464.03	1286.8	30862.	317.99
TPF	35.00%	8223.5	513.56	1450.9	34828.	347.75
TPF	30.00%	9240.2	568.03	1631.4	39189.	380.48
TPF	25.00%	10493.	635.16	1853.7	44563.	420.80
TPF	20.00%	12006.	731.90	2123.0	50942.	486.04
TPF	15.00%	13971.	886.34	2474.4	59030.	601.08
TPF	10.00%	16831.	1112.7	2984.9	70790.	769.28
TPF	5.00%	21868.	1551.1	3868.6	91352.	1085.4
TPF	4.00%	23424.	1686.5	4141.6	97706.	1183.1
TPF	3.00%	25698.	1851.6	4567.0	0.10706E+06	1287.3
TPF	2.00%	28819.	2076.8	5151.9	0.11991E+06	1428.8
TPF	1.00%	34420.	2479.6	6178.0	0.14310E+06	1687.9
TPF	0.10%	55564.	3856.6	10101.	0.23116E+06	2673.9
TPF	0.00%	0.59358E+07	0.35081E+06	0.12350E+07	0.24193E+08	0.25437E+06

Rank 8 5.64% 6501.0 5900.1

Prob.	BOE (MBbl)	Oil (MBbl)	COil(MBbl)	Gas (MMcf)	SGas(MMcf)	
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Mean	5.64%	6501.0	406.07	1144.1	27544.	279.18
TPF 100.00%	41.831	2.3002	7.2787	179.64	1.6151	
TPF 99.00%	162.31	8.9254	28.243	697.05	6.2671	
TPF 98.00%	283.58	15.594	49.343	1217.8	10.949	
TPF 97.00%	405.64	22.306	70.583	1742.0	15.662	
TPF 96.00%	528.52	29.063	91.963	2269.7	20.406	
TPF 95.00%	644.51	35.441	112.15	2767.8	24.885	
TPF 90.00%	1148.5	63.157	199.85	4932.3	44.346	
TPF 85.00%	1600.8	88.023	278.54	6874.4	61.806	
TPF 80.00%	2052.4	112.86	357.13	8814.1	79.246	
TPF 75.00%	2469.5	135.80	429.70	10605.	95.351	
TPF 70.00%	2898.2	159.37	504.29	12446.	111.90	
TPF 65.00%	3347.9	184.10	582.54	14377.	129.26	
TPF 60.00%	3821.7	210.15	664.99	16412.	147.56	
TPF 55.00%	4321.8	246.33	754.32	18493.	171.90	
TPF 50.00%	4854.2	285.36	849.55	20704.	198.11	
TPF 45.00%	5425.0	327.20	951.67	23075.	226.21	
TPF 40.00%	6096.6	376.43	1071.8	25864.	259.27	
TPF 35.00%	6836.5	430.67	1204.2	28938.	295.69	
TPF 30.00%	7691.2	485.04	1356.4	32545.	330.62	
TPF 25.00%	8700.4	539.11	1535.6	36874.	363.10	
TPF 20.00%	9938.3	605.43	1755.3	42183.	402.95	
TPF 15.00%	11516.	693.41	2035.4	48926.	457.37	
TPF 10.00%	13816.	874.11	2446.6	58390.	591.97	
TPF 5.00%	17940.	1209.2	3179.5	75318.	838.89	
TPF 4.00%	19262.	1324.3	3411.5	80716.	921.89	
TPF 3.00%	21017.	1477.0	3719.3	87878.	1032.0	
TPF 2.00%	23423.	1686.5	4141.5	97703.	1183.1	
TPF 1.00%	27893.	2010.0	4978.4	0.11610E+06	1386.8	
TPF 0.10%	44430.	3190.6	7863.7	0.18539E+06	2184.1	
TPF 0.00%	0.59358E+07	0.35081E+06	0.12350E+07	0.24193E+08	0.25437E+06	

Rank 9 2.31% 5528.5 4929.0

Prob.	BOE (MBbl)	Oil (MBbl)	COil(MBbl)	Gas (MMcf)	SGas(MMcf)	
-----	-----	-----	-----	-----	-----	
Mean	2.31%	5528.5	334.79	970.18	23505.	231.31
TPF 100.00%	41.831	2.3002	7.2787	179.64	1.6151	
TPF 99.00%	141.19	7.7638	24.567	606.33	5.4514	
TPF 98.00%	241.27	13.267	41.982	1036.1	9.3157	
TPF 97.00%	342.09	18.811	59.525	1469.1	13.208	
TPF 96.00%	443.66	24.396	77.198	1905.3	17.130	
TPF 95.00%	546.00	30.024	95.005	2344.8	21.081	
TPF 90.00%	987.74	54.314	171.87	4241.8	38.137	
TPF 85.00%	1374.3	75.570	239.13	5901.8	53.062	
TPF 80.00%	1775.6	97.638	308.96	7625.2	68.557	
TPF 75.00%	2149.8	118.21	374.07	9232.2	83.005	
TPF 70.00%	2514.1	138.25	437.46	10797.	97.073	
TPF 65.00%	2895.4	159.21	503.80	12434.	111.79	

TPF	60.00%	3299.0	181.41	574.03	14167.	127.38
TPF	55.00%	3728.5	205.03	648.77	16012.	143.96
TPF	50.00%	4187.2	236.47	730.24	17934.	165.28
TPF	45.00%	4681.4	272.69	818.65	19987.	189.61
TPF	40.00%	5219.1	312.11	914.83	22220.	216.07
TPF	35.00%	5842.5	357.80	1026.3	24809.	246.76
TPF	30.00%	6566.6	410.88	1155.9	27817.	282.41
TPF	25.00%	7401.4	469.52	1305.0	31302.	321.29
TPF	20.00%	8452.0	525.80	1491.5	35808.	355.11
TPF	15.00%	9787.2	597.34	1728.4	41535.	398.08
TPF	10.00%	11681.	706.37	2064.9	49604.	467.02
TPF	5.00%	15078.	973.28	2672.2	63584.	665.84
TPF	4.00%	16170.	1059.1	2867.4	68077.	729.74
TPF	3.00%	17645.	1183.6	3127.8	74116.	820.42
TPF	2.00%	19692.	1361.7	3486.8	82470.	948.85
TPF	1.00%	23283.	1674.3	4116.9	97130.	1174.3
TPF	0.10%	36749.	2645.0	6570.3	0.15294E+06	1803.4
TPF	0.00%	0.59358E+07	0.35081E+06	0.12350E+07	0.24193E+08	0.25437E+06

Rank 10 0.84% 4790.9 4202.4

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

Mean	0.84%	4790.9	280.72	838.23	20441.	194.99
TPF	100.00%	41.831	2.3002	7.2787	179.64	1.6151
TPF	99.00%	125.57	6.9047	21.849	539.24	4.8482
TPF	98.00%	209.96	11.545	36.533	901.66	8.1067
TPF	97.00%	295.02	16.223	51.334	1266.9	11.391
TPF	96.00%	380.76	20.938	66.254	1635.2	14.702
TPF	95.00%	467.20	25.691	81.294	2006.4	18.039
TPF	90.00%	856.68	47.108	149.06	3679.0	33.077
TPF	85.00%	1209.3	66.501	210.43	5193.5	46.694
TPF	80.00%	1543.0	84.845	268.48	6626.2	59.575
TPF	75.00%	1899.1	104.43	330.45	8155.8	73.327
TPF	70.00%	2223.0	122.24	386.81	9546.7	85.833
TPF	65.00%	2550.7	140.26	443.83	10954.	98.484
TPF	60.00%	2898.8	159.40	504.41	12449.	111.93
TPF	55.00%	3270.7	179.85	569.12	14046.	126.29
TPF	50.00%	3670.5	201.83	638.67	15763.	141.72
TPF	45.00%	4102.5	230.26	715.09	17582.	161.11
TPF	40.00%	4574.1	264.83	799.45	19541.	184.32
TPF	35.00%	5095.5	303.05	892.72	21707.	209.99
TPF	30.00%	5700.1	347.36	1000.9	24218.	239.75
TPF	25.00%	6435.0	401.23	1132.3	27270.	275.93
TPF	20.00%	7303.5	464.27	1287.6	30882.	318.14
TPF	15.00%	8464.2	526.46	1493.6	35861.	355.50
TPF	10.00%	10084.	613.25	1781.1	42809.	407.64
TPF	5.00%	12918.	803.55	2286.0	54694.	539.41
TPF	4.00%	13817.	874.20	2446.8	58394.	592.03
TPF	3.00%	15085.	973.88	2673.6	63615.	666.29
TPF	2.00%	16806.	1110.6	2980.5	70688.	767.72
TPF	1.00%	19880.	1378.1	3519.9	83238.	960.66
TPF	0.10%	31008.	2234.8	5562.0	0.12892E+06	1528.0
TPF	0.00%	0.59358E+07	0.35081E+06	0.12350E+07	0.24193E+08	0.25437E+06

Rank 11 0.27% 4208.1 3637.7

Prob.	BOE (MBbl)	Oil (MBbl)	COil(MBbl)	Gas (MMcf)	SGas(MMcf)	
-----	-----	-----	-----	-----	-----	
Mean	0.27%	4208.1	238.00	733.99	18021.	166.31
TPF 100.00%	41.831	2.3002	7.2787	179.64	1.6151	
TPF 99.00%	113.44	6.2380	19.739	487.17	4.3800	
TPF 98.00%	185.64	10.208	32.302	797.24	7.1678	
TPF 97.00%	258.45	14.212	44.971	1109.9	9.9789	
TPF 96.00%	331.87	18.249	57.745	1425.2	12.814	
TPF 95.00%	405.91	22.320	70.629	1743.2	15.673	
TPF 90.00%	754.47	41.487	131.28	3240.0	29.131	
TPF 85.00%	1080.4	59.407	187.98	4639.5	41.713	
TPF 80.00%	1364.8	75.049	237.48	5861.1	52.696	
TPF 75.00%	1673.3	92.010	291.15	7185.7	64.606	
TPF 70.00%	1983.0	109.04	345.04	8515.8	76.564	
TPF 65.00%	2277.7	125.25	396.33	9781.6	87.945	
TPF 60.00%	2580.8	141.92	449.07	11083.	99.648	
TPF 55.00%	2905.6	159.77	505.57	12478.	112.19	
TPF 50.00%	3255.7	179.03	566.50	13981.	125.70	
TPF 45.00%	3636.2	199.95	632.70	15615.	140.39	
TPF 40.00%	4052.8	226.62	706.20	17376.	158.66	
TPF 35.00%	4514.6	260.47	788.81	19294.	181.39	
TPF 30.00%	5035.2	298.63	881.94	21456.	207.02	
TPF 25.00%	5649.2	343.64	991.77	24006.	237.25	
TPF 20.00%	6427.7	400.70	1131.0	27240.	275.57	
TPF 15.00%	7403.0	469.60	1305.3	31308.	321.34	
TPF 10.00%	8808.1	544.88	1554.7	37335.	366.57	
TPF 5.00%	11213.	673.70	1981.4	47649.	443.96	
TPF 4.00%	12030.	733.78	2127.3	51040.	487.44	
TPF 3.00%	13075.	815.90	2314.1	55341.	548.61	
TPF 2.00%	14572.	933.56	2581.8	61503.	636.25	
TPF 1.00%	17197.	1144.6	3049.1	72284.	792.25	
TPF 0.10%	26558.	1913.7	4728.2	0.11060E+06	1326.3	
TPF 0.00%	0.59358E+07	0.35081E+06	0.12350E+07	0.24193E+08	0.25437E+06	

Rank 12 0.07% 3734.1 3185.2

Prob.	BOE (MBbl)	Oil (MBbl)	COil(MBbl)	Gas (MMcf)	SGas(MMcf)	
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Mean	0.07%	3734.1	205.33	649.75	16036.	144.18
TPF 100.00%	41.831	2.3002	7.2787	179.64	1.6151	
TPF 99.00%	103.75	5.7051	18.053	445.56	4.0059	
TPF 98.00%	166.20	9.1393	28.920	713.75	6.4172	
TPF 97.00%	229.20	12.603	39.881	984.28	8.8495	
TPF 96.00%	292.74	16.098	50.938	1257.2	11.303	
TPF 95.00%	356.85	19.623	62.093	1532.5	13.778	
TPF 90.00%	672.49	36.979	117.01	2888.0	25.965	
TPF 85.00%	956.37	52.590	166.41	4107.1	36.926	
TPF 80.00%	1224.1	67.310	212.99	5256.7	47.263	
TPF 75.00%	1486.0	81.716	258.58	6381.8	57.377	
TPF 70.00%	1774.5	97.579	308.77	7620.7	68.516	
TPF 65.00%	2048.9	112.67	356.51	8798.9	79.109	

TPF	60.00%	2322.0	127.68	404.03	9971.7	89.654
TPF	55.00%	2607.4	143.38	453.70	11198.	100.68
TPF	50.00%	2916.0	160.35	507.39	12523.	112.59
TPF	45.00%	3252.2	178.83	565.89	13966.	125.57
TPF	40.00%	3622.1	199.17	630.25	15555.	139.85
TPF	35.00%	4033.4	225.20	702.74	17295.	157.71
TPF	30.00%	4498.0	259.25	785.83	19225.	180.58
TPF	25.00%	5034.8	298.60	881.86	21454.	207.00
TPF	20.00%	5692.5	346.81	999.51	24186.	239.38
TPF	15.00%	6565.6	410.81	1155.7	27812.	282.36
TPF	10.00%	7783.5	489.99	1372.8	32941.	333.59
TPF	5.00%	9889.3	602.81	1746.6	41973.	401.37
TPF	4.00%	10575.	639.56	1868.3	44916.	423.45
TPF	3.00%	11440.	687.48	2021.9	48615.	452.95
TPF	2.00%	12760.	791.18	2257.9	54047.	530.20
TPF	1.00%	15025.	969.15	2662.8	63367.	662.76
TPF	0.10%	22987.	1648.5	4064.9	95920.	1155.6
TPF	0.00%	0.59358E+07	0.35081E+06	0.12350E+07	0.24193E+08	0.25437E+06

Rank 13 0.02% 3335.8 2808.8

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

Mean	0.02%	3335.8	183.43	580.44	14326.	128.80
TPF	100.00%	41.831	2.3002	7.2787	179.64	1.6151
TPF	99.00%	95.821	5.2691	16.673	411.50	3.6997
TPF	98.00%	150.29	8.2641	26.150	645.41	5.8027
TPF	97.00%	205.24	11.286	35.712	881.40	7.9245
TPF	96.00%	260.69	14.335	45.361	1119.5	10.065
TPF	95.00%	316.64	17.412	55.097	1359.8	12.226
TPF	90.00%	604.36	33.233	105.16	2595.4	23.335
TPF	85.00%	853.45	46.930	148.50	3665.1	32.952
TPF	80.00%	1108.0	60.929	192.80	4758.3	42.781
TPF	75.00%	1336.9	73.512	232.62	5741.1	51.617
TPF	70.00%	1584.7	87.140	275.74	6805.4	61.186
TPF	65.00%	1854.4	101.97	322.67	7963.7	71.601
TPF	60.00%	2101.5	115.56	365.66	9024.7	81.139
TPF	55.00%	2358.3	129.68	410.36	10128.	91.058
TPF	50.00%	2631.3	144.69	457.84	11300.	101.59
TPF	45.00%	2929.2	161.07	509.69	12579.	113.10
TPF	40.00%	3257.8	179.14	566.87	13991.	125.79
TPF	35.00%	3624.7	199.32	630.70	15566.	139.95
TPF	30.00%	4040.3	225.70	703.95	17324.	158.04
TPF	25.00%	4521.2	260.95	789.98	19321.	181.72
TPF	20.00%	5095.9	303.07	892.78	21708.	210.01
TPF	15.00%	5847.4	358.17	1027.2	24830.	247.01
TPF	10.00%	6916.2	436.51	1218.4	29269.	299.62
TPF	5.00%	8758.2	542.21	1545.8	37121.	364.96
TPF	4.00%	9343.6	573.57	1649.7	39632.	383.81
TPF	3.00%	10139.	616.19	1790.9	43045.	409.41
TPF	2.00%	11221.	674.14	1982.9	47684.	444.22
TPF	1.00%	13189.	824.89	2334.6	55812.	555.31
TPF	0.10%	20109.	1398.1	3560.1	84175.	975.07
TPF	0.00%	0.59358E+07	0.35081E+06	0.12350E+07	0.24193E+08	0.25437E+06

Rank 14 0.00% 2971.9 2469.8

Prob.	BOE (MBbl)	Oil (MBbl)	COil(MBbl)	Gas (MMcf)	SGas(MMcf)	
----	-----	-----	-----	-----	-----	
Mean	0.00%	2971.9	163.42	517.11	12763.	114.75
TPF 100.00%	41.831	2.3002	7.2787	179.64	1.6151	
TPF 99.00%	88.855	4.8860	15.461	381.58	3.4308	
TPF 98.00%	136.30	7.4949	23.716	585.33	5.2626	
TPF 97.00%	184.17	10.127	32.046	790.91	7.1110	
TPF 96.00%	232.48	12.784	40.452	998.37	8.9762	
TPF 95.00%	281.23	15.465	48.935	1207.7	10.859	
TPF 90.00%	532.01	29.255	92.571	2284.7	20.541	
TPF 85.00%	762.22	41.914	132.63	3273.3	29.430	
TPF 80.00%	990.33	54.457	172.32	4252.9	38.237	
TPF 75.00%	1204.7	66.244	209.62	5173.4	46.514	
TPF 70.00%	1416.7	77.903	246.51	6084.0	54.700	
TPF 65.00%	1650.7	90.771	287.23	7088.9	63.735	
TPF 60.00%	1897.7	104.35	330.21	8149.7	73.272	
TPF 55.00%	2129.2	117.08	370.49	9144.0	82.212	
TPF 50.00%	2372.5	130.46	412.82	10189.	91.604	
TPF 45.00%	2634.6	144.87	458.42	11314.	101.72	
TPF 40.00%	2924.0	160.79	508.79	12557.	112.90	
TPF 35.00%	3247.9	178.60	565.14	13948.	125.40	
TPF 30.00%	3616.2	198.85	629.22	15530.	139.62	
TPF 25.00%	4043.7	225.95	704.57	17338.	158.21	
TPF 20.00%	4555.4	263.46	796.11	19463.	183.40	
TPF 15.00%	5198.7	310.61	911.18	22135.	215.07	
TPF 10.00%	6133.0	379.10	1078.3	26016.	261.06	
TPF 5.00%	7732.4	487.25	1363.8	32722.	331.95	
TPF 4.00%	8257.7	515.39	1457.0	34974.	348.85	
TPF 3.00%	8919.6	550.85	1574.5	37814.	370.16	
TPF 2.00%	9887.1	602.69	1746.2	41963.	401.30	
TPF 1.00%	11535.	694.91	2038.8	49005.	458.49	
TPF 0.10%	17537.	1174.2	3108.8	73672.	813.60	
TPF 0.00%	0.59358E+07	0.35081E+06	0.12350E+07	0.24193E+08	0.25437E+06	

Rank 15 0.00% 2539.0 2108.0

Prob.	BOE (MBbl)	Oil (MBbl)	COil(MBbl)	Gas (MMcf)	SGas(MMcf)	
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Mean	0.00%	2539.0	139.62	441.79	10904.	98.033
TPF 100.00%	41.831	2.3002	7.2787	179.64	1.6151	
TPF 99.00%	79.811	4.3887	13.887	342.74	3.0816	
TPF 98.00%	118.15	6.4969	20.558	507.39	4.5619	
TPF 97.00%	156.86	8.6253	27.293	673.61	6.0563	
TPF 96.00%	195.94	10.774	34.094	841.45	7.5653	
TPF 95.00%	235.40	12.944	40.960	1010.9	9.0890	
TPF 90.00%	438.72	24.125	76.339	1884.1	16.939	
TPF 85.00%	645.05	35.470	112.24	2770.1	24.906	
TPF 80.00%	831.05	45.699	144.61	3568.9	32.088	
TPF 75.00%	1028.2	56.542	178.92	4415.8	39.701	
TPF 70.00%	1210.2	66.549	210.58	5197.3	46.728	
TPF 65.00%	1396.2	76.777	242.95	5996.1	53.910	

TPF	60.00%	1602.1	88.098	278.77	6880.2	61.859
TPF	55.00%	1827.8	100.51	318.04	7849.4	70.573
TPF	50.00%	2042.4	112.31	355.39	8771.1	78.860
TPF	45.00%	2269.1	124.77	394.82	9744.4	87.611
TPF	40.00%	2512.1	138.14	437.12	10788.	96.996
TPF	35.00%	2785.4	153.17	484.67	11962.	107.55
TPF	30.00%	3097.9	170.35	539.04	13304.	119.61
TPF	25.00%	3463.3	190.45	602.63	14873.	133.72
TPF	20.00%	3904.4	215.74	679.66	16759.	151.36
TPF	15.00%	4461.8	256.60	779.37	19075.	178.80
TPF	10.00%	5229.5	312.87	916.69	22263.	216.59
TPF	5.00%	6592.5	412.78	1160.5	27924.	283.68
TPF	4.00%	7025.6	444.53	1238.0	29723.	305.00
TPF	3.00%	7601.7	480.25	1340.6	32161.	327.74
TPF	2.00%	8425.5	524.38	1486.8	35694.	354.25
TPF	1.00%	9841.6	600.25	1738.1	41768.	399.83
TPF	0.10%	14895.	958.91	2639.5	62831.	655.14
TPF	0.00%	0.59358E+07	0.35081E+06	0.12350E+07	0.24193E+08	0.25437E+06