

# GEOLOGIC ECONOMIC RESOURCE MODEL MODULE PSRK

Geologic Economic Resource Model (Ver 8.29.2005)

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The Current UAI AAAAAEAB is for

World Level - World Level Resources  
Country Level - UNITED STATES OF AMERICA  
Region Level - MMS - ALASKA REGION  
Basin Level - GULF OF ALASKA  
Play Level - Play 01 - Middleton Fold and Thrust Belt  
Geologist Larson, Comer  
Remarks Play 1 Middleton Shelf Fold & Thrust Belt  
Run date Date 16-SEP-05 Time 13:51:16

## USER SUPPLIED PARAMETERS

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RECOVERABLE RESOURCES? > R

## B) Pool Size Distribution

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Z PROB.

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EXPECTATION = 26310.

S.D. = 88461.

MU = 8.9223

SIG.SQ. = 2.4822

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

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Mean	%	26310.	402.73	3616.2	0.12486E+06	414.96
TPF 100.00%	13.011	0.21329	1.7481	61.876	0.22479	
TPF 99.00%	188.62	3.0919	25.341	896.97	3.2587	
TPF 98.00%	291.97	4.7861	39.226	1388.5	5.0442	
TPF 97.00%	381.86	6.2598	51.304	1816.0	6.5974	
TPF 96.00%	471.09	7.7224	63.292	2240.3	8.1389	
TPF 95.00%	561.46	9.2038	75.433	2670.0	9.7001	
TPF 90.00%	1007.6	16.518	135.38	4791.8	17.408	
TPF 85.00%	1476.8	25.273	198.68	7014.4	26.665	
TPF 80.00%	2007.0	35.168	270.22	9526.1	37.126	
TPF 75.00%	2608.7	46.307	350.59	12381.	48.830	
TPF 70.00%	3298.6	59.082	442.76	15656.	62.252	
TPF 65.00%	4117.9	71.788	554.76	19546.	75.826	
TPF 60.00%	5039.5	86.081	680.74	23921.	91.095	
TPF 55.00%	6144.1	107.34	825.10	29174.	115.20	
TPF 50.00%	7447.1	132.42	995.39	35371.	143.64	
TPF 45.00%	9055.6	152.33	1223.1	43000.	162.97	
TPF 40.00%	11118.	177.87	1515.0	52779.	187.76	
TPF 35.00%	13679.	238.40	1843.9	64916.	257.31	
TPF 30.00%	16992.	316.69	2269.1	80613.	347.25	

TPF	25.00%	21596.	359.21	2934.8	0.10248E+06	380.71
TPF	20.00%	28132.	419.55	3879.6	0.13351E+06	428.20
TPF	15.00%	38212.	695.63	5087.2	0.18148E+06	773.23
TPF	10.00%	56110.	1185.8	7231.4	0.26665E+06	1385.8
TPF	5.00%	0.10051E+06	1718.4	13469.	0.47763E+06	1896.6
TPF	4.00%	0.11893E+06	1939.3	16055.	0.56514E+06	2108.4
TPF	3.00%	0.14595E+06	2263.3	19851.	0.69353E+06	2419.2
TPF	2.00%	0.19180E+06	2813.2	26291.	0.91138E+06	2946.5
TPF	1.00%	0.29593E+06	4062.3	40918.	0.14062E+07	4144.4
TPF	0.10%	0.10998E+07	13704.	0.15383E+06	0.52257E+07	13390.
TPF	0.00%	0.98615E+07	0.11879E+06	0.13846E+07	0.46859E+08	0.11417E+06

### C) No.of Pools Distribution

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Lower Support = 0  
Upper Support = 26  
Expectation = 3.31  
Standard Deviation= 3.96

Rank 1 47.93% 0.14816E+06 0.52046E+06

Prob.	BOE (MBbl)	Oil (MBbl)	COil(MBbl)	Gas (MMcf)	SGas(MMcf)
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Mean	47.93%	0.14816E+06	2289.8	20161.	0.70402E+06	2444.6
TPF	100.00%	13.011	0.21329	1.7481	61.876	0.22479
TPF	99.00%	3741.0	65.943	503.24	17756.	69.582
TPF	98.00%	5571.7	96.323	750.29	26452.	102.71
TPF	97.00%	7001.2	123.83	937.12	33250.	133.91
TPF	96.00%	8255.6	142.43	1109.9	39205.	153.36
TPF	95.00%	9389.4	156.47	1270.4	44583.	166.98
TPF	90.00%	14408.	255.64	1937.5	68373.	277.11
TPF	85.00%	18951.	334.79	2552.4	89918.	361.49
TPF	80.00%	23421.	376.06	3198.7	0.11114E+06	393.98
TPF	75.00%	27740.	415.94	3823.0	0.13165E+06	425.35
TPF	70.00%	32958.	551.72	4457.7	0.15648E+06	593.38
TPF	65.00%	37539.	677.20	5006.6	0.17828E+06	750.20
TPF	60.00%	44051.	855.53	5786.7	0.20926E+06	973.07
TPF	55.00%	50243.	1025.1	6528.5	0.23873E+06	1185.0
TPF	50.00%	55773.	1176.6	7191.0	0.26504E+06	1374.3
TPF	45.00%	67665.	1324.4	8854.5	0.32155E+06	1518.8
TPF	40.00%	78960.	1459.9	10441.	0.37522E+06	1648.7
TPF	35.00%	89335.	1584.3	11898.	0.42452E+06	1768.0
TPF	30.00%	98928.	1699.4	13246.	0.47011E+06	1878.4
TPF	25.00%	0.11572E+06	1900.8	15605.	0.54991E+06	2071.5
TPF	20.00%	0.13958E+06	2187.0	18956.	0.66327E+06	2346.0
TPF	15.00%	0.17551E+06	2617.9	24003.	0.83400E+06	2759.2
TPF	10.00%	0.24115E+06	3405.3	33224.	0.11459E+07	3514.3
TPF	5.00%	0.52589E+06	6820.5	73220.	0.24989E+07	6789.5
TPF	4.00%	0.66134E+06	8445.0	92245.	0.31425E+07	8347.4
TPF	3.00%	0.79534E+06	10052.	0.11107E+06	0.37792E+07	9888.8
TPF	2.00%	0.92795E+06	11643.	0.12970E+06	0.44093E+07	11414.
TPF	1.00%	0.10592E+07	13217.	0.14813E+06	0.50329E+07	12924.
TPF	0.10%	0.85931E+07	0.10358E+06	0.12064E+07	0.40832E+08	99582.
TPF	0.00%	0.98615E+07	0.11879E+06	0.13846E+07	0.46859E+08	0.11417E+06

Rank 2 47.51% 34761. 50129.

Prob.	BOE (MBbl)	Oil (MBbl)	COil(MBbl)	Gas (MMcf)	SGas(MMcf)
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Mean	47.51%	34761.	601.12	4673.8	0.16506E+06 655.12
TPF 100.00%	13.011	0.21329	1.7481	61.876	0.22479
TPF 99.00%	1217.5	20.435	163.70	5786.2	21.550
TPF 98.00%	1960.4	34.297	263.93	9305.2	36.206
TPF 97.00%	2587.6	45.917	347.77	12281.	48.420
TPF 96.00%	3153.5	56.394	423.37	14967.	59.429
TPF 95.00%	3682.8	65.040	495.28	17480.	68.618
TPF 90.00%	5888.3	102.42	791.67	27958.	109.62
TPF 85.00%	7816.9	136.99	1047.7	37125.	148.08
TPF 80.00%	9709.1	160.43	1315.6	46099.	170.83
TPF 75.00%	11607.	189.44	1577.9	55100.	201.05
TPF 70.00%	13496.	234.08	1820.4	64050.	252.34
TPF 65.00%	15571.	283.12	2086.8	73882.	308.68
TPF 60.00%	17658.	322.85	2365.5	83778.	352.10
TPF 55.00%	20060.	345.03	2712.8	95184.	369.55
TPF 50.00%	22567.	368.17	3075.1	0.10709E+06	387.76
TPF 45.00%	25518.	395.42	3501.7	0.12110E+06	409.21
TPF 40.00%	28417.	427.37	3913.8	0.13487E+06	437.97
TPF 35.00%	32563.	540.91	4410.5	0.15460E+06	579.88
TPF 30.00%	36595.	651.35	4893.6	0.17379E+06	717.90
TPF 25.00%	42406.	810.48	5589.7	0.20144E+06	916.78
TPF 20.00%	49501.	1004.8	6439.6	0.23520E+06	1159.6
TPF 15.00%	57827.	1206.4	7472.6	0.27481E+06	1405.6
TPF 10.00%	77217.	1439.0	10196.	0.36694E+06	1628.6
TPF 5.00%	99751.	1709.2	13362.	0.47402E+06	1887.8
TPF 4.00%	0.10998E+06	1831.9	14798.	0.52262E+06	2005.5
TPF 3.00%	0.12364E+06	1995.8	16718.	0.58754E+06	2162.6
TPF 2.00%	0.14410E+06	2241.1	19590.	0.68473E+06	2397.9
TPF 1.00%	0.18621E+06	2746.2	25506.	0.88484E+06	2882.3
TPF 0.10%	0.61047E+06	7835.0	85101.	0.29008E+07	7762.3
TPF 0.00%	0.98615E+07	0.11879E+06	0.13846E+07	0.46859E+08	0.11417E+06

Rank 3 46.14% 17487. 18668.

Prob.	BOE (MBbl)	Oil (MBbl)	COil(MBbl)	Gas (MMcf)	SGas(MMcf)
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Mean	46.14%	17487.	321.27	2340.8	82966. 350.86
TPF 100.00%	13.011	0.21329	1.7481	61.876	0.22479
TPF 99.00%	534.24	8.7577	71.777	2540.6	9.2300
TPF 98.00%	881.43	14.449	118.42	4191.7	15.228
TPF 97.00%	1186.7	19.859	159.54	5640.0	20.941
TPF 96.00%	1459.5	24.950	196.34	6932.3	26.323
TPF 95.00%	1731.7	30.029	233.07	8221.7	31.693
TPF 90.00%	2932.3	52.299	393.83	13917.	55.126
TPF 85.00%	4033.4	70.478	543.21	19144.	74.426
TPF 80.00%	5070.7	86.681	684.81	24070.	91.776
TPF 75.00%	6118.2	106.84	821.72	29051.	114.64
TPF 70.00%	7188.6	127.44	961.61	34141.	138.00
TPF 65.00%	8313.8	143.15	1118.1	39481.	154.06

TPF	60.00%	9491.2	157.73	1284.8	45065.	168.21
TPF	55.00%	10778.	173.66	1466.9	51166.	183.67
TPF	50.00%	12199.	203.44	1653.9	57906.	217.13
TPF	45.00%	13634.	237.35	1838.1	64705.	256.10
TPF	40.00%	15415.	279.42	2066.7	73141.	304.44
TPF	35.00%	17240.	318.98	2305.0	81791.	349.06
TPF	30.00%	19662.	341.35	2655.2	93293.	366.66
TPF	25.00%	22322.	365.91	3039.7	0.10592E+06	385.98
TPF	20.00%	25900.	398.95	3557.0	0.12291E+06	411.99
TPF	15.00%	30555.	485.93	4170.0	0.14504E+06	511.16
TPF	10.00%	37107.	665.35	4954.8	0.17622E+06	735.40
TPF	5.00%	50690.	1037.4	6582.0	0.24085E+06	1200.3
TPF	4.00%	54314.	1136.6	7016.2	0.25810E+06	1324.4
TPF	3.00%	61876.	1255.0	8041.4	0.29405E+06	1452.2
TPF	2.00%	74121.	1401.8	9761.4	0.35223E+06	1593.0
TPF	1.00%	90551.	1598.9	12069.	0.43030E+06	1782.0
TPF	0.10%	0.16112E+06	2445.3	21982.	0.76562E+06	2593.7
TPF	0.00%	0.98615E+07	0.11879E+06	0.13846E+07	0.46859E+08	0.11417E+06

Rank 4 43.20% 10570. 10819.

Prob.	BOE (MBbl)	Oil (MBbl)	COil(MBbl)	Gas (MMcf)	SGas(MMcf)	
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Mean	43.20%	10570.	171.09	1437.5	50182.	181.17
TPF	100.00%	13.011	0.21329	1.7481	61.876	0.22479
TPF	99.00%	307.40	5.0391	41.299	1461.8	5.3108
TPF	98.00%	488.17	8.0023	65.586	2321.5	8.4339
TPF	97.00%	657.33	10.775	88.313	3125.9	11.356
TPF	96.00%	815.39	13.366	109.55	3877.6	14.087
TPF	95.00%	964.56	15.812	129.59	4587.0	16.664
TPF	90.00%	1660.9	28.708	223.51	7886.3	30.296
TPF	85.00%	2324.5	41.045	312.63	11033.	43.302
TPF	80.00%	2980.2	53.186	400.23	14145.	56.058
TPF	75.00%	3652.4	64.568	491.12	17335.	68.113
TPF	70.00%	4338.9	75.216	584.97	20595.	79.488
TPF	65.00%	5025.1	85.857	678.76	23853.	90.856
TPF	60.00%	5791.5	100.55	779.02	27498.	107.51
TPF	55.00%	6588.6	115.89	883.20	31288.	124.90
TPF	50.00%	7414.3	131.79	991.12	35215.	142.92
TPF	45.00%	8396.3	144.17	1129.8	39873.	155.05
TPF	40.00%	9456.7	157.30	1279.9	44902.	167.79
TPF	35.00%	10696.	172.65	1455.4	50781.	182.69
TPF	30.00%	12148.	202.21	1647.3	57660.	215.73
TPF	25.00%	13761.	240.33	1854.3	65303.	259.52
TPF	20.00%	15925.	291.48	2132.2	75559.	318.29
TPF	15.00%	18772.	333.13	2526.5	89068.	360.19
TPF	10.00%	22893.	371.19	3122.3	0.10864E+06	390.14
TPF	5.00%	30591.	486.91	4174.2	0.14521E+06	512.38
TPF	4.00%	33320.	561.65	4501.2	0.15820E+06	605.79
TPF	3.00%	36474.	648.03	4879.0	0.17321E+06	713.75
TPF	2.00%	41984.	798.92	5539.1	0.19943E+06	902.33
TPF	1.00%	51508.	1059.8	6680.1	0.24475E+06	1228.3
TPF	0.10%	92884.	1626.9	12397.	0.44139E+06	1808.8
TPF	0.00%	0.98615E+07	0.11879E+06	0.13846E+07	0.46859E+08	0.11417E+06

Rank 5 38.41% 7065.2 7159.0

Prob.	BOE (MBbl)	Oil (MBbl)	COil(MBbl)	Gas (MMcf)	SGas(MMcf)	
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Mean	38.41%	7065.2	125.07	945.48	33555.	135.30
TPF 100.00%	13.011	0.21329	1.7481	61.876	0.22479	
TPF 99.00%	209.50	3.4342	28.146	996.27	3.6194	
TPF 98.00%	325.00	5.3276	43.664	1545.5	5.6149	
TPF 97.00%	426.38	6.9895	57.285	2027.7	7.3664	
TPF 96.00%	525.21	8.6096	70.563	2497.7	9.0739	
TPF 95.00%	621.20	10.183	83.460	2954.2	10.732	
TPF 90.00%	1068.2	17.648	143.55	5078.9	18.604	
TPF 85.00%	1489.6	25.512	200.41	7075.0	26.917	
TPF 80.00%	1924.3	33.624	259.06	9134.3	35.494	
TPF 75.00%	2371.9	41.924	318.97	11258.	44.225	
TPF 70.00%	2832.7	50.456	380.52	13445.	53.189	
TPF 65.00%	3305.7	59.192	443.74	15689.	62.370	
TPF 60.00%	3844.8	67.552	517.42	18249.	71.301	
TPF 55.00%	4399.6	76.156	593.26	20883.	80.493	
TPF 50.00%	4976.9	85.109	672.17	23624.	90.057	
TPF 45.00%	5649.1	97.814	760.41	26821.	104.40	
TPF 40.00%	6367.9	111.65	854.35	30238.	120.09	
TPF 35.00%	7184.7	127.37	961.11	34123.	137.91	
TPF 30.00%	8157.1	141.21	1095.9	38738.	152.17	
TPF 25.00%	9285.9	155.19	1255.7	44092.	165.74	
TPF 20.00%	10761.	173.45	1464.5	51087.	183.47	
TPF 15.00%	12697.	215.20	1717.8	60263.	230.64	
TPF 10.00%	15468.	280.68	2073.5	73394.	305.88	
TPF 5.00%	20503.	349.12	2776.8	97288.	372.77	
TPF 4.00%	22160.	364.42	3016.4	0.10516E+06	384.81	
TPF 3.00%	24633.	387.25	3373.8	0.11690E+06	402.78	
TPF 2.00%	27704.	415.61	3817.8	0.13148E+06	425.10	
TPF 1.00%	34200.	585.75	4606.6	0.16239E+06	635.91	
TPF 0.10%	57887.	1207.1	7481.1	0.27509E+06	1406.3	
TPF 0.00%	0.98615E+07	0.11879E+06	0.13846E+07	0.46859E+08	0.11417E+06	

Rank 6 32.12% 5073.6 5119.6

Prob.	BOE (MBbl)	Oil (MBbl)	COil(MBbl)	Gas (MMcf)	SGas(MMcf)	
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Mean	32.12%	5073.6	86.737	685.19	24083.	91.839
TPF 100.00%	13.011	0.21329	1.7481	61.876	0.22479	
TPF 99.00%	146.88	2.4077	19.733	698.47	2.5375	
TPF 98.00%	241.82	3.9641	32.489	1150.0	4.1778	
TPF 97.00%	315.15	5.1661	42.341	1498.7	5.4447	
TPF 96.00%	381.15	6.2480	51.208	1812.6	6.5849	
TPF 95.00%	445.89	7.3093	59.906	2120.4	7.7034	
TPF 90.00%	760.35	12.464	102.15	3615.9	13.136	
TPF 85.00%	1061.5	17.524	142.65	5047.2	18.472	
TPF 80.00%	1363.1	23.150	183.33	6475.5	24.421	
TPF 75.00%	1677.9	29.025	225.81	7966.8	30.632	
TPF 70.00%	1998.9	35.016	269.12	9487.6	36.965	
TPF 65.00%	2354.9	41.609	316.70	11177.	43.894	

TPF	60.00%	2721.9	48.404	365.72	12919.	51.034
TPF	55.00%	3123.6	55.841	419.38	14825.	58.848
TPF	50.00%	3568.2	63.262	479.61	16935.	66.719
TPF	45.00%	4049.8	70.731	545.44	19222.	74.697
TPF	40.00%	4592.7	79.151	619.66	21800.	83.692
TPF	35.00%	5183.8	88.858	699.60	24608.	94.244
TPF	30.00%	5892.2	102.49	792.18	27977.	109.71
TPF	25.00%	6732.7	118.67	902.02	31973.	128.05
TPF	20.00%	7751.0	136.18	1038.4	36812.	147.29
TPF	15.00%	9090.6	152.77	1228.1	43165.	163.39
TPF	10.00%	11128.	178.11	1516.3	52828.	188.03
TPF	5.00%	14816.	265.28	1989.9	70306.	288.19
TPF	4.00%	16013.	293.56	2143.5	75976.	320.68
TPF	3.00%	17592.	322.24	2356.0	83466.	351.62
TPF	2.00%	20057.	345.00	2712.3	95171.	369.53
TPF	1.00%	24465.	385.70	3349.6	0.11610E+06	401.56
TPF	0.10%	41307.	780.40	5458.1	0.19621E+06	879.18
TPF	0.00%	0.98615E+07	0.11879E+06	0.13846E+07	0.46859E+08	0.11417E+06

Rank 7 25.15% 3851.7 3868.5

Prob.	BOE (MBbl)	Oil (MBbl)	COil(MBbl)	Gas (MMcf)	SGas(MMcf)	
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Mean	25.15%	3851.7	67.660	518.37	18282.	71.416
TPF	100.00%	13.011	0.21329	1.7481	61.876	0.22479
TPF	99.00%	106.64	1.7481	14.327	507.13	1.8424
TPF	98.00%	195.23	3.2004	26.230	928.44	3.3730
TPF	97.00%	249.87	4.0960	33.570	1188.3	4.3169
TPF	96.00%	302.68	4.9617	40.665	1439.4	5.2293
TPF	95.00%	349.83	5.7346	47.000	1663.6	6.0438
TPF	90.00%	582.76	9.5529	78.294	2771.3	10.068
TPF	85.00%	811.01	13.295	108.96	3856.8	14.012
TPF	80.00%	1038.4	17.092	139.53	4937.7	18.016
TPF	75.00%	1274.5	21.498	171.38	6056.0	22.673
TPF	70.00%	1514.4	25.975	203.76	7192.6	27.407
TPF	65.00%	1781.4	30.957	239.77	8457.2	32.674
TPF	60.00%	2056.2	36.077	276.78	9759.3	38.082
TPF	55.00%	2365.3	41.801	318.08	11226.	44.095
TPF	50.00%	2690.7	47.827	361.56	12771.	50.427
TPF	45.00%	3061.3	54.689	411.07	14530.	57.637
TPF	40.00%	3472.1	61.773	466.49	16480.	65.128
TPF	35.00%	3947.9	69.151	531.52	18738.	73.009
TPF	30.00%	4492.9	77.605	606.03	21326.	82.040
TPF	25.00%	5114.8	87.531	690.58	24280.	92.739
TPF	20.00%	5919.5	103.02	795.74	28106.	110.30
TPF	15.00%	6962.8	123.10	932.11	33068.	133.07
TPF	10.00%	8473.6	145.13	1140.7	40239.	155.98
TPF	5.00%	11221.	180.30	1528.2	53267.	190.55
TPF	4.00%	12205.	203.57	1654.7	57933.	217.29
TPF	3.00%	13376.	231.24	1804.9	63480.	249.08
TPF	2.00%	15209.	274.56	2040.3	72166.	298.85
TPF	1.00%	18428.	329.95	2476.8	87432.	357.69
TPF	0.10%	30961.	497.05	4218.6	0.14698E+06	525.05
TPF	0.00%	0.98615E+07	0.11879E+06	0.13846E+07	0.46859E+08	0.11417E+06

Rank 8 18.42% 3056.8 3048.4

Prob.	BOE (MBbl)	Oil (MBbl)	COil(MBbl)	Gas (MMcf)	SGas(MMcf)	
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Mean	18.42%	3056.8	54.604	410.46	14508.	57.548
TPF 100.00%	13.011	0.21329	1.7481	61.876	0.22479	
TPF 99.00%	83.292	1.3654	11.190	396.10	1.4390	
TPF 98.00%	153.59	2.5177	20.635	730.40	2.6535	
TPF 97.00%	209.39	3.4324	28.132	995.75	3.6175	
TPF 96.00%	250.79	4.1111	33.694	1192.6	4.3328	
TPF 95.00%	292.18	4.7897	39.255	1389.5	5.0480	
TPF 90.00%	472.09	7.7389	63.427	2245.1	8.1562	
TPF 85.00%	653.50	10.713	87.799	3107.7	11.290	
TPF 80.00%	835.34	13.693	112.23	3972.5	14.432	
TPF 75.00%	1019.9	16.747	137.03	4850.0	17.651	
TPF 70.00%	1216.3	20.411	163.53	5780.2	21.525	
TPF 65.00%	1416.3	24.144	190.52	6727.9	25.472	
TPF 60.00%	1639.7	28.314	220.66	7786.3	29.880	
TPF 55.00%	1877.5	32.750	252.74	8912.5	34.570	
TPF 50.00%	2138.9	37.609	287.83	10152.	39.691	
TPF 45.00%	2429.0	42.980	326.59	11529.	45.335	
TPF 40.00%	2751.5	48.951	369.67	13059.	51.609	
TPF 35.00%	3120.9	55.792	419.03	14812.	58.796	
TPF 30.00%	3558.2	63.108	478.25	16888.	66.554	
TPF 25.00%	4071.6	71.069	548.42	19326.	75.058	
TPF 20.00%	4711.0	80.987	635.84	22362.	85.653	
TPF 15.00%	5542.2	95.755	746.43	26312.	102.07	
TPF 10.00%	6739.8	118.80	902.95	32007.	128.20	
TPF 5.00%	8860.0	149.91	1195.4	42072.	160.62	
TPF 4.00%	9621.0	159.34	1303.2	45681.	169.77	
TPF 3.00%	10598.	171.43	1441.5	50316.	181.51	
TPF 2.00%	12027.	199.36	1631.8	57089.	212.45	
TPF 1.00%	14527.	258.44	1952.7	68933.	280.32	
TPF 0.10%	24217.	383.40	3313.6	0.11492E+06	399.75	
TPF 0.00%	0.98615E+07	0.11879E+06	0.13846E+07	0.46859E+08	0.11417E+06	

Rank 9 12.67% 2514.1 2483.9

Prob.	BOE (MBbl)	Oil (MBbl)	COil(MBbl)	Gas (MMcf)	SGas(MMcf)	
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Mean	12.67%	2514.1	44.557	337.96	11933.	46.991
TPF 100.00%	13.011	0.21329	1.7481	61.876	0.22479	
TPF 99.00%	68.578	1.1242	9.2136	326.13	1.1848	
TPF 98.00%	124.31	2.0377	16.701	591.14	2.1476	
TPF 97.00%	180.20	2.9540	24.210	856.96	3.1133	
TPF 96.00%	216.66	3.5517	29.109	1030.3	3.7432	
TPF 95.00%	249.76	4.0943	33.556	1187.8	4.3151	
TPF 90.00%	400.53	6.5658	53.812	1904.7	6.9199	
TPF 85.00%	548.52	8.9916	73.694	2608.5	9.4765	
TPF 80.00%	698.79	11.455	93.883	3323.1	12.073	
TPF 75.00%	852.46	13.974	114.53	4053.9	14.728	
TPF 70.00%	1010.4	16.570	135.75	4805.0	17.463	
TPF 65.00%	1181.4	19.761	158.82	5615.0	20.837	

TPF	60.00%	1358.3	23.062	182.69	6453.0	24.327
TPF	55.00%	1550.6	26.651	208.64	7364.1	28.122
TPF	50.00%	1767.7	30.702	237.93	8392.5	32.404
TPF	45.00%	1996.0	34.962	268.73	9474.0	36.909
TPF	40.00%	2269.2	40.021	305.24	10770.	42.226
TPF	35.00%	2563.2	45.466	344.52	12166.	47.946
TPF	30.00%	2922.3	52.115	392.49	13870.	54.932
TPF	25.00%	3331.1	59.586	447.21	15810.	62.791
TPF	20.00%	3873.3	67.995	521.32	18384.	71.774
TPF	15.00%	4559.2	78.631	615.08	21641.	83.137
TPF	10.00%	5540.3	95.719	746.19	26303.	102.02
TPF	5.00%	7267.8	128.97	971.97	34518.	139.73
TPF	4.00%	7865.9	137.60	1054.7	37357.	148.67
TPF	3.00%	8637.3	147.15	1163.9	41016.	157.94
TPF	2.00%	9796.4	161.51	1328.0	46513.	171.88
TPF	1.00%	11858.	195.36	1610.0	56286.	207.85
TPF	0.10%	19560.	340.41	2640.5	92810.	365.92
TPF	0.00%	0.98615E+07	0.11879E+06	0.13846E+07	0.46859E+08	0.11417E+06

Rank 10 8.21% 2128.3 2079.8

Prob.	BOE (MBbl)	Oil (MBbl)	COil(MBbl)	Gas (MMcf)	SGas(MMcf)	
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Mean	8.21%	2128.3	37.414	286.42	10102.	39.486
TPF	100.00%	13.011	0.21329	1.7481	61.876	0.22479
TPF	99.00%	58.689	0.96207	7.8850	279.10	1.0140
TPF	98.00%	104.58	1.7143	14.050	497.32	1.8068
TPF	97.00%	150.68	2.4700	20.244	716.56	2.6032
TPF	96.00%	193.55	3.1728	26.004	920.44	3.3439
TPF	95.00%	220.94	3.6219	29.684	1050.7	3.8172
TPF	90.00%	351.13	5.7559	47.175	1669.8	6.0664
TPF	85.00%	474.67	7.7812	63.773	2257.3	8.2008
TPF	80.00%	602.67	9.8793	80.969	2866.0	10.412
TPF	75.00%	733.64	12.026	98.566	3488.9	12.675
TPF	70.00%	869.22	14.249	116.78	4133.6	15.017
TPF	65.00%	1010.2	16.565	135.72	4803.9	17.459
TPF	60.00%	1164.6	19.448	156.56	5535.6	20.506
TPF	55.00%	1326.5	22.467	178.39	6302.2	23.699
TPF	50.00%	1499.6	25.698	201.75	7122.1	27.114
TPF	45.00%	1703.9	29.510	229.31	8089.9	31.144
TPF	40.00%	1922.3	33.586	258.78	9124.6	35.454
TPF	35.00%	2178.6	38.344	293.13	10340.	40.463
TPF	30.00%	2471.6	43.769	332.28	11731.	46.163
TPF	25.00%	2825.8	50.328	379.60	13412.	53.055
TPF	20.00%	3253.7	58.250	436.76	15442.	61.378
TPF	15.00%	3848.8	67.615	517.98	18268.	71.368
TPF	10.00%	4677.8	80.471	631.29	22204.	85.102
TPF	5.00%	6126.3	107.00	822.77	29090.	114.81
TPF	4.00%	6635.9	116.80	889.38	31513.	125.94
TPF	3.00%	7257.6	128.77	970.63	34470.	139.50
TPF	2.00%	8211.6	141.88	1103.6	38997.	152.83
TPF	1.00%	9914.8	162.97	1344.7	47075.	173.30
TPF	0.10%	16214.	298.30	2169.2	76926.	326.13
TPF	0.00%	0.98615E+07	0.11879E+06	0.13846E+07	0.46859E+08	0.11417E+06



Rank 11 5.05% 1844.4 1780.9

Prob.	BOE (MBbl)	Oil (MBbl)	COil(MBbl)	Gas (MMcf)	SGas(MMcf)	
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Mean	5.05%	1844.4	32.132	248.27	8755.6	33.917
TPF 100.00%	13.011	0.21329	1.7481	61.876	0.22479	
TPF 99.00%	51.698	0.84747	6.9457	245.85	0.89317	
TPF 98.00%	90.606	1.4853	12.173	430.88	1.5654	
TPF 97.00%	129.74	2.1268	17.431	616.98	2.2415	
TPF 96.00%	169.10	2.7720	22.719	804.17	2.9215	
TPF 95.00%	200.44	3.2857	26.929	953.18	3.4629	
TPF 90.00%	315.58	5.1732	42.399	1500.8	5.4522	
TPF 85.00%	421.89	6.9159	56.682	2006.3	7.2889	
TPF 80.00%	532.20	8.7241	71.502	2530.9	9.1946	
TPF 75.00%	646.27	10.594	86.827	3073.4	11.165	
TPF 70.00%	764.65	12.535	102.73	3636.3	13.211	
TPF 65.00%	888.34	14.562	119.35	4224.5	15.348	
TPF 60.00%	1018.6	16.723	136.86	4843.9	17.625	
TPF 55.00%	1162.4	19.407	156.27	5525.2	20.463	
TPF 50.00%	1314.9	22.252	176.83	6247.4	23.471	
TPF 45.00%	1477.7	25.290	198.80	7018.6	26.682	
TPF 40.00%	1675.6	28.982	225.50	7955.9	30.586	
TPF 35.00%	1890.8	32.998	254.53	8975.3	34.832	
TPF 30.00%	2144.3	37.709	288.56	10178.	39.796	
TPF 25.00%	2446.6	43.306	328.94	11612.	45.677	
TPF 20.00%	2822.3	50.263	379.13	13395.	52.987	
TPF 15.00%	3302.0	59.135	443.23	15672.	62.309	
TPF 10.00%	4033.0	70.472	543.16	19143.	74.420	
TPF 5.00%	5291.5	90.930	713.67	25120.	96.594	
TPF 4.00%	5716.7	99.113	769.24	27142.	105.87	
TPF 3.00%	6251.1	109.40	839.09	29683.	117.54	
TPF 2.00%	7051.6	124.80	943.70	33490.	135.01	
TPF 1.00%	8471.3	145.10	1140.4	40228.	155.95	
TPF 0.10%	13774.	240.65	1856.1	65367.	259.89	
TPF 0.00%	0.98615E+07	0.11879E+06	0.13846E+07	0.46859E+08	0.11417E+06	

Rank 12 2.96% 1629.0 1553.4

Prob.	BOE (MBbl)	Oil (MBbl)	COil(MBbl)	Gas (MMcf)	SGas(MMcf)	
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Mean	2.96%	1629.0	28.113	219.21	7735.3	29.667
TPF 100.00%	13.011	0.21329	1.7481	61.876	0.22479	
TPF 99.00%	46.550	0.76308	6.2541	221.37	0.80423	
TPF 98.00%	80.307	1.3164	10.789	381.90	1.3874	
TPF 97.00%	114.29	1.8734	15.354	543.49	1.9745	
TPF 96.00%	148.49	2.4341	19.950	706.15	2.5654	
TPF 95.00%	182.92	2.9986	24.576	869.90	3.1603	
TPF 90.00%	288.72	4.7329	38.790	1373.0	4.9881	
TPF 85.00%	382.44	6.2691	51.381	1818.7	6.6072	
TPF 80.00%	478.77	7.8484	64.324	2276.8	8.2716	
TPF 75.00%	580.13	9.5099	77.942	2758.8	10.023	
TPF 70.00%	685.01	11.229	92.033	3257.6	11.835	
TPF 65.00%	795.06	13.033	106.82	3781.0	13.736	

TPF	60.00%	911.02	14.934	122.40	4332.4	15.739
TPF	55.00%	1035.2	17.031	139.09	4922.2	17.952
TPF	50.00%	1172.7	19.597	157.64	5573.6	20.664
TPF	45.00%	1320.1	22.349	177.54	6272.2	23.574
TPF	40.00%	1480.0	25.333	199.11	7029.6	26.728
TPF	35.00%	1677.1	29.011	225.71	7963.3	30.617
TPF	30.00%	1895.7	33.090	255.20	8998.8	34.929
TPF	25.00%	2160.9	38.017	290.78	10257.	40.120
TPF	20.00%	2486.2	44.039	334.23	11800.	46.447
TPF	15.00%	2919.0	52.053	392.05	13854.	54.868
TPF	10.00%	3542.2	62.859	476.06	16812.	66.288
TPF	5.00%	4650.8	80.052	627.60	22076.	84.655
TPF	4.00%	4995.3	85.395	674.69	23711.	90.362
TPF	3.00%	5491.9	94.787	739.86	26073.	100.97
TPF	2.00%	6159.9	107.64	827.17	29250.	115.55
TPF	1.00%	7371.6	130.96	985.53	35012.	141.99
TPF	0.10%	12012.	199.01	1629.9	57019.	212.05
TPF	0.00%	0.98615E+07	0.11879E+06	0.13846E+07	0.46859E+08	0.11417E+06

Rank 13 1.66% 1461.2 1375.9

Prob.	BOE (MBbl)	Oil (MBbl)	COil(MBbl)	Gas (MMcf)	SGas(MMcf)	
-----						
Mean	1.66%	1461.2	24.982	196.57	6940.5	26.357
TPF	100.00%	13.011	0.21329	1.7481	61.876	0.22479
TPF	99.00%	42.631	0.69884	5.7276	202.73	0.73652
TPF	98.00%	72.460	1.1878	9.7351	344.58	1.2519
TPF	97.00%	102.50	1.6803	13.771	487.45	1.7709
TPF	96.00%	132.76	2.1763	17.836	631.34	2.2936
TPF	95.00%	163.24	2.6759	21.931	776.28	2.8202
TPF	90.00%	265.40	4.3507	35.658	1262.1	4.5853
TPF	85.00%	351.82	5.7673	47.268	1673.1	6.0783
TPF	80.00%	437.88	7.1780	58.830	2082.4	7.5651
TPF	75.00%	528.33	8.6608	70.983	2512.5	9.1279
TPF	70.00%	622.87	10.210	83.683	2962.1	10.761
TPF	65.00%	721.94	11.834	96.994	3433.2	12.473
TPF	60.00%	826.68	13.551	111.07	3931.3	14.282
TPF	55.00%	937.96	15.376	126.02	4460.5	16.205
TPF	50.00%	1059.5	17.485	142.37	5037.3	18.431
TPF	45.00%	1194.1	19.998	160.54	5675.2	21.088
TPF	40.00%	1340.4	22.727	180.27	6368.0	23.973
TPF	35.00%	1504.1	25.782	202.36	7143.6	27.203
TPF	30.00%	1706.3	29.555	229.64	8101.3	31.192
TPF	25.00%	1935.9	33.839	260.61	9189.0	35.722
TPF	20.00%	2230.3	39.302	300.05	10586.	41.469
TPF	15.00%	2600.2	46.151	349.46	12341.	48.666
TPF	10.00%	3153.5	56.395	423.38	14967.	59.430
TPF	5.00%	4134.1	72.040	556.97	19623.	76.095
TPF	4.00%	4467.0	77.202	602.48	21203.	81.610
TPF	3.00%	4876.2	83.548	658.41	23146.	88.389
TPF	2.00%	5492.7	94.803	739.97	26077.	100.99
TPF	1.00%	6565.5	115.45	880.18	31178.	124.40
TPF	0.10%	10548.	170.81	1434.4	50077.	180.91
TPF	0.00%	0.98615E+07	0.11879E+06	0.13846E+07	0.46859E+08	0.11417E+06

Rank 14 0.90% 1327.3 1234.0

Prob.	BOE (MBbl)	Oil (MBbl)	COil(MBbl)	Gas (MMcf)	SGas(MMcf)	
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Mean	0.90%	1327.3	22.484	178.51	6306.3	23.716
TPF 100.00%	13.011	0.21329	1.7481	61.876	0.22479	
TPF 99.00%	39.561	0.64851	5.3151	188.14	0.68349	
TPF 98.00%	66.309	1.0870	8.9088	315.34	1.1456	
TPF 97.00%	93.260	1.5288	12.530	443.50	1.6112	
TPF 96.00%	120.42	1.9739	16.178	572.64	2.0804	
TPF 95.00%	147.78	2.4225	19.855	702.78	2.5532	
TPF 90.00%	247.04	4.0497	33.191	1174.8	4.2681	
TPF 85.00%	327.63	5.3708	44.018	1558.1	5.6604	
TPF 80.00%	405.54	6.6479	54.486	1928.6	7.0065	
TPF 75.00%	486.95	7.9824	65.423	2315.7	8.4129	
TPF 70.00%	573.27	9.3974	77.019	2726.2	9.9041	
TPF 65.00%	663.37	10.874	89.124	3154.7	11.461	
TPF 60.00%	758.86	12.440	101.95	3608.8	13.111	
TPF 55.00%	860.60	14.107	115.62	4092.6	14.868	
TPF 50.00%	969.65	15.895	130.27	4611.2	16.752	
TPF 45.00%	1091.5	18.083	146.69	5189.2	19.063	
TPF 40.00%	1226.4	20.600	164.89	5828.2	21.725	
TPF 35.00%	1375.0	23.374	184.95	6532.3	24.657	
TPF 30.00%	1549.6	26.632	208.50	7359.3	28.102	
TPF 25.00%	1763.8	30.628	237.40	8373.8	32.327	
TPF 20.00%	2015.9	35.332	271.40	9568.2	37.298	
TPF 15.00%	2364.4	41.784	317.96	11222.	44.078	
TPF 10.00%	2854.3	50.856	383.41	13547.	53.609	
TPF 5.00%	3733.6	65.828	502.23	17721.	69.459	
TPF 4.00%	4018.7	70.249	541.20	19075.	74.182	
TPF 3.00%	4401.8	76.191	593.56	20894.	80.530	
TPF 2.00%	4927.5	84.344	665.42	23390.	89.239	
TPF 1.00%	5890.4	102.46	791.94	27968.	109.66	
TPF 0.10%	9357.8	156.08	1265.9	44433.	166.60	
TPF 0.00%	0.98615E+07	0.11879E+06	0.13846E+07	0.46859E+08	0.11417E+06	

Rank 15 0.47% 1218.0 1117.9

Prob.	BOE (MBbl)	Oil (MBbl)	COil(MBbl)	Gas (MMcf)	SGas(MMcf)	
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Mean	0.47%	1218.0	20.444	163.76	5788.5	21.559
TPF 100.00%	13.011	0.21329	1.7481	61.876	0.22479	
TPF 99.00%	37.096	0.60809	4.9839	176.41	0.64089	
TPF 98.00%	61.367	1.0060	8.2448	291.83	1.0602	
TPF 97.00%	85.829	1.4070	11.531	408.16	1.4828	
TPF 96.00%	110.49	1.8112	14.844	525.42	1.9088	
TPF 95.00%	135.34	2.2186	18.183	643.62	2.3382	
TPF 90.00%	232.23	3.8069	31.201	1104.4	4.0122	
TPF 85.00%	308.07	5.0501	41.390	1465.0	5.3225	
TPF 80.00%	379.30	6.2178	50.960	1803.8	6.5531	
TPF 75.00%	453.53	7.4346	60.933	2156.8	7.8355	
TPF 70.00%	532.46	8.7285	71.537	2532.2	9.1992	
TPF 65.00%	615.47	10.089	82.689	2926.9	10.633	

TPF	60.00%	703.24	11.528	94.481	3344.3	12.150
TPF	55.00%	796.94	13.064	107.07	3789.9	13.768
TPF	50.00%	897.59	14.714	120.59	4268.5	15.507
TPF	45.00%	1006.5	16.500	135.23	4786.6	17.389
TPF	40.00%	1131.6	18.831	152.10	5379.1	19.854
TPF	35.00%	1269.8	21.411	170.75	6033.9	22.582
TPF	30.00%	1424.9	24.304	191.67	6768.3	25.640
TPF	25.00%	1618.5	27.918	217.80	7685.8	29.461
TPF	20.00%	1854.4	32.319	249.62	8803.0	34.114
TPF	15.00%	2162.6	38.048	291.00	10264.	40.152
TPF	10.00%	2597.5	46.101	349.11	12329.	48.614
TPF	5.00%	3384.2	60.409	454.46	16062.	63.670
TPF	4.00%	3658.2	64.659	491.92	17363.	68.211
TPF	3.00%	3997.2	69.916	538.26	18972.	73.826
TPF	2.00%	4490.8	77.571	605.73	21316.	82.004
TPF	1.00%	5340.1	91.866	720.03	25351.	97.655
TPF	0.10%	8429.7	144.58	1134.5	40031.	155.45
TPF	0.00%	0.98615E+07	0.11879E+06	0.13846E+07	0.46859E+08	0.11417E+06

Rank 16 0.24% 1126.7 1020.9

Prob.	BOE (MBbl)	Oil (MBbl)	COil(MBbl)	Gas (MMcf)	SGas(MMcf)	
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Mean	0.24%	1126.7	18.740	151.44	5355.9	19.758
TPF	100.00%	13.011	0.21329	1.7481	61.876	0.22479
TPF	99.00%	35.066	0.57483	4.7112	166.76	0.60583
TPF	98.00%	57.298	0.93926	7.6980	272.48	0.98991
TPF	97.00%	79.709	1.3066	10.709	379.06	1.3771
TPF	96.00%	102.30	1.6770	13.745	486.51	1.7675
TPF	95.00%	125.09	2.0505	16.806	594.86	2.1611
TPF	90.00%	220.00	3.6063	29.557	1046.2	3.8008
TPF	85.00%	291.87	4.7845	39.213	1388.0	5.0425
TPF	80.00%	357.39	5.8586	48.016	1699.6	6.1746
TPF	75.00%	425.92	6.9819	57.223	2025.5	7.3584
TPF	70.00%	498.34	8.1692	66.953	2369.9	8.6097
TPF	65.00%	575.47	9.4334	77.315	2736.7	9.9422
TPF	60.00%	656.66	10.764	88.223	3122.8	11.345
TPF	55.00%	743.49	12.188	99.889	3535.7	12.845
TPF	50.00%	836.92	13.719	112.44	3980.0	14.459
TPF	45.00%	938.23	15.380	126.05	4461.8	16.209
TPF	40.00%	1051.2	17.332	141.26	4998.4	18.269
TPF	35.00%	1180.4	19.741	158.68	5610.0	20.816
TPF	30.00%	1325.5	22.449	178.26	6297.5	23.679
TPF	25.00%	1493.9	25.592	200.99	7095.4	27.002
TPF	20.00%	1716.0	29.736	230.95	8147.3	31.383
TPF	15.00%	1989.7	34.845	267.88	9444.1	36.784
TPF	10.00%	2400.2	42.447	322.74	11392.	44.775
TPF	5.00%	3109.5	55.581	417.51	14758.	58.574
TPF	4.00%	3337.1	59.679	448.03	15838.	62.890
TPF	3.00%	3663.2	64.736	492.60	17386.	68.292
TPF	2.00%	4099.5	71.503	552.24	19458.	75.521
TPF	1.00%	4872.2	83.486	657.87	23127.	88.323
TPF	0.10%	7621.8	134.58	1020.1	36199.	145.74
TPF	0.00%	0.98615E+07	0.11879E+06	0.13846E+07	0.46859E+08	0.11417E+06

Rank 17 0.12% 1048.6 937.68

Prob.	BOE (MBbl)	Oil (MBbl)	COil(MBbl)	Gas (MMcf)	SGas(MMcf)	
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Mean	0.12%	1048.6	17.282	140.90	4985.9	18.217
TPF 100.00%	13.011	0.21329	1.7481	61.876	0.22479	
TPF 99.00%	33.354	0.54676	4.4812	158.62	0.57625	
TPF 98.00%	53.864	0.88297	7.2367	256.15	0.93059	
TPF 97.00%	74.544	1.2220	10.015	354.50	1.2879	
TPF 96.00%	95.397	1.5638	12.817	453.67	1.6481	
TPF 95.00%	116.43	1.9086	15.642	553.68	2.0115	
TPF 90.00%	209.65	3.4367	28.167	996.99	3.6220	
TPF 85.00%	276.10	4.5259	37.094	1313.0	4.7700	
TPF 80.00%	338.79	5.5537	45.517	1611.1	5.8532	
TPF 75.00%	402.43	6.5969	54.068	1913.8	6.9527	
TPF 70.00%	469.29	7.6929	63.050	2231.7	8.1078	
TPF 65.00%	541.05	8.8693	72.692	2573.0	9.3476	
TPF 60.00%	616.80	10.111	82.869	2933.2	10.656	
TPF 55.00%	697.64	11.436	93.729	3317.7	12.053	
TPF 50.00%	784.75	12.864	105.43	3731.9	13.558	
TPF 45.00%	879.34	14.415	118.14	4181.8	15.192	
TPF 40.00%	983.04	16.115	132.07	4674.9	16.984	
TPF 35.00%	1102.7	18.292	148.21	5242.3	19.285	
TPF 30.00%	1239.0	20.834	166.59	5887.6	21.972	
TPF 25.00%	1395.6	23.757	187.72	6629.5	25.062	
TPF 20.00%	1594.4	27.467	214.54	7571.4	28.985	
TPF 15.00%	1853.3	32.299	249.48	8798.0	34.093	
TPF 10.00%	2224.5	39.194	299.27	10558.	41.356	
TPF 5.00%	2874.2	51.223	386.06	13641.	53.995	
TPF 4.00%	3086.3	55.151	414.40	14648.	58.123	
TPF 3.00%	3359.5	60.026	451.09	15945.	63.262	
TPF 2.00%	3779.4	66.538	508.49	17938.	70.218	
TPF 1.00%	4485.7	77.493	605.04	21292.	81.920	
TPF 0.10%	6966.8	123.17	932.62	33087.	133.16	
TPF 0.00%	0.98615E+07	0.11879E+06	0.13846E+07	0.46859E+08	0.11417E+06	

Rank 18 0.06% 980.15 864.67

Prob.	BOE (MBbl)	Oil (MBbl)	COil(MBbl)	Gas (MMcf)	SGas(MMcf)	
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Mean	0.06%	980.15	16.067	131.68	4661.1	16.934
TPF 100.00%	13.011	0.21329	1.7481	61.876	0.22479	
TPF 99.00%	31.874	0.52249	4.2823	151.58	0.55067	
TPF 98.00%	50.894	0.83428	6.8377	242.03	0.87927	
TPF 97.00%	70.074	1.1487	9.4146	333.24	1.2107	
TPF 96.00%	89.419	1.4658	12.014	425.23	1.5449	
TPF 95.00%	108.93	1.7856	14.635	518.02	1.8819	
TPF 90.00%	200.68	3.2896	26.961	954.32	3.4670	
TPF 85.00%	262.40	4.3015	35.254	1247.9	4.5334	
TPF 80.00%	322.62	5.2886	43.344	1534.2	5.5738	
TPF 75.00%	381.98	6.2617	51.320	1816.5	6.5994	
TPF 70.00%	444.25	7.2824	59.686	2112.6	7.6751	
TPF 65.00%	510.83	8.3738	68.630	2429.3	8.8254	

TPF	60.00%	581.91	9.5390	78.180	2767.3	10.053
TPF	55.00%	657.42	10.777	88.326	3126.4	11.358
TPF	50.00%	738.89	12.112	99.271	3513.8	12.766
TPF	45.00%	827.46	13.564	111.17	3935.0	14.296
TPF	40.00%	924.68	15.158	124.23	4397.3	15.975
TPF	35.00%	1034.0	17.009	138.93	4916.6	17.928
TPF	30.00%	1162.1	19.400	156.21	5523.4	20.455
TPF	25.00%	1309.6	22.152	176.12	6222.2	23.366
TPF	20.00%	1485.5	25.435	199.85	7055.5	26.836
TPF	15.00%	1730.5	30.007	232.90	8216.0	31.669
TPF	10.00%	2065.1	36.242	277.97	9801.5	38.255
TPF	5.00%	2658.0	47.221	357.18	12615.	49.790
TPF	4.00%	2860.8	50.975	384.27	13578.	53.735
TPF	3.00%	3113.1	55.647	417.98	14775.	58.644
TPF	2.00%	3481.1	61.912	467.71	16522.	65.277
TPF	1.00%	4122.0	71.851	555.32	19565.	75.894
TPF	0.10%	6366.0	111.61	854.11	30230.	120.05
TPF	0.00%	0.98615E+07	0.11879E+06	0.13846E+07	0.46859E+08	0.11417E+06

Rank 19 0.03% 918.64 798.91

Prob.	BOE (MBbl)	Oil (MBbl)	COil(MBbl)	Gas (MMcf)	SGas(MMcf)	
-----						
Mean	0.03%	918.64	15.059	123.42	4368.6	15.871
TPF	100.00%	13.011	0.21329	1.7481	61.876	0.22479
TPF	99.00%	30.561	0.50098	4.1060	145.34	0.52800
TPF	98.00%	48.260	0.79111	6.4838	229.50	0.83377
TPF	97.00%	66.110	1.0837	8.8820	314.39	1.1422
TPF	96.00%	84.115	1.3789	11.301	400.01	1.4532
TPF	95.00%	102.28	1.6766	13.741	486.39	1.7670
TPF	90.00%	192.71	3.1589	25.890	916.42	3.3293
TPF	85.00%	250.22	4.1018	33.618	1189.9	4.3230
TPF	80.00%	308.22	5.0525	41.409	1465.7	5.3249
TPF	75.00%	363.61	5.9605	48.851	1729.1	6.2819
TPF	70.00%	421.89	6.9158	56.681	2006.3	7.2888
TPF	65.00%	483.79	7.9306	64.998	2300.7	8.3583
TPF	60.00%	550.51	9.0243	73.962	2618.0	9.5110
TPF	55.00%	621.33	10.185	83.477	2954.8	10.734
TPF	50.00%	697.65	11.436	93.731	3317.7	12.053
TPF	45.00%	780.71	12.798	104.89	3712.7	13.488
TPF	40.00%	871.98	14.294	117.15	4146.7	15.065
TPF	35.00%	973.47	15.958	130.79	4629.4	16.818
TPF	30.00%	1092.2	18.097	146.79	5192.7	19.078
TPF	25.00%	1231.2	20.691	165.55	5851.1	21.820
TPF	20.00%	1396.3	23.771	187.82	6633.0	25.077
TPF	15.00%	1617.4	27.897	217.65	7680.6	29.439
TPF	10.00%	1927.9	33.691	259.54	9151.3	35.565
TPF	5.00%	2474.7	43.827	332.70	11746.	46.225
TPF	4.00%	2648.2	47.040	355.88	12569.	49.600
TPF	3.00%	2888.9	51.496	388.03	13711.	54.282
TPF	2.00%	3213.0	57.496	431.32	15249.	60.586
TPF	1.00%	3810.4	67.019	512.73	18086.	70.732
TPF	0.10%	5830.8	101.31	784.16	27684.	108.36
TPF	0.00%	0.98615E+07	0.11879E+06	0.13846E+07	0.46859E+08	0.11417E+06

Rank 20 0.01% 861.86 737.96

Prob.	BOE (MBbl)	Oil (MBbl)	COil(MBbl)	Gas (MMcf)	SGas(MMcf)	
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Mean	0.01%	861.86	14.128	115.79	4098.6	14.890
TPF	100.00%	13.011	0.21329	1.7481	61.876	0.22479
TPF	99.00%	29.370	0.48145	3.9459	139.67	0.50741
TPF	98.00%	45.869	0.75191	6.1626	218.13	0.79246
TPF	97.00%	62.510	1.0247	8.3984	297.27	1.0800
TPF	96.00%	79.298	1.2999	10.654	377.10	1.3700
TPF	95.00%	96.234	1.5775	12.929	457.64	1.6626
TPF	90.00%	183.25	3.0039	24.619	871.44	3.1659
TPF	85.00%	239.13	3.9200	32.128	1137.2	4.1314
TPF	80.00%	295.09	4.8372	39.645	1403.3	5.0981
TPF	75.00%	346.83	5.6855	46.598	1649.4	5.9921
TPF	70.00%	401.45	6.5808	53.935	1909.1	6.9356
TPF	65.00%	459.20	7.5274	61.694	2183.7	7.9334
TPF	60.00%	521.49	8.5486	70.063	2480.0	9.0096
TPF	55.00%	588.18	9.6419	79.024	2797.1	10.162
TPF	50.00%	659.71	10.814	88.633	3137.3	11.398
TPF	45.00%	737.61	12.091	99.099	3507.7	12.743
TPF	40.00%	823.27	13.496	110.61	3915.1	14.223
TPF	35.00%	918.60	15.058	123.42	4368.4	15.870
TPF	30.00%	1027.3	16.885	138.03	4885.1	17.797
TPF	25.00%	1158.1	19.326	155.68	5504.7	20.378
TPF	20.00%	1313.6	22.227	176.66	6241.2	23.445
TPF	15.00%	1510.7	25.906	203.26	7175.2	27.335
TPF	10.00%	1803.9	31.377	242.81	8563.9	33.118
TPF	5.00%	2304.0	40.665	309.88	10935.	42.902
TPF	4.00%	2463.6	43.621	331.21	11693.	46.008
TPF	3.00%	2670.6	47.454	358.87	12675.	50.035
TPF	2.00%	2978.6	53.156	400.01	14137.	56.026
TPF	1.00%	3503.1	62.254	470.72	16627.	65.641
TPF	0.10%	5326.6	91.607	718.26	25287.	97.361
TPF	0.00%	0.98615E+07	0.11879E+06	0.13846E+07	0.46859E+08	0.11417E+06

Rank 21 0.01% 807.66 679.54

Prob.	BOE (MBbl)	Oil (MBbl)	COil(MBbl)	Gas (MMcf)	SGas(MMcf)	
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Mean	0.01%	807.66	13.240	108.51	3840.9	13.954
TPF	100.00%	13.011	0.21329	1.7481	61.876	0.22479
TPF	99.00%	28.261	0.46327	3.7969	134.40	0.48825
TPF	98.00%	43.642	0.71541	5.8634	207.54	0.75399
TPF	97.00%	59.158	0.96976	7.9480	281.33	1.0221
TPF	96.00%	74.811	1.2263	10.051	355.76	1.2925
TPF	95.00%	90.603	1.4852	12.173	430.86	1.5653
TPF	90.00%	171.76	2.8155	23.076	816.79	2.9674
TPF	85.00%	228.77	3.7502	30.736	1087.9	3.9525
TPF	80.00%	281.43	4.6134	37.811	1338.4	4.8622
TPF	75.00%	331.12	5.4280	44.487	1574.7	5.7207
TPF	70.00%	382.27	6.2664	51.358	1817.9	6.6043
TPF	65.00%	436.23	7.1510	58.608	2074.5	7.5366

TPF	60.00%	494.16	8.1005	66.391	2350.0	8.5374
TPF	55.00%	556.84	9.1281	74.813	2648.1	9.6204
TPF	50.00%	623.81	10.226	83.810	2966.6	10.777
TPF	45.00%	696.71	11.421	93.605	3313.2	12.037
TPF	40.00%	776.90	12.736	104.38	3694.6	13.422
TPF	35.00%	866.18	14.199	116.37	4119.2	14.965
TPF	30.00%	967.13	15.854	129.94	4599.2	16.709
TPF	25.00%	1087.6	18.010	146.17	5170.7	18.986
TPF	20.00%	1233.3	20.730	165.83	5861.1	21.862
TPF	15.00%	1414.6	24.111	190.28	6719.5	25.437
TPF	10.00%	1681.5	29.093	226.30	7984.0	30.703
TPF	5.00%	2133.1	37.502	287.06	10124.	39.578
TPF	4.00%	2283.3	40.283	307.13	10837.	42.501
TPF	3.00%	2470.9	43.756	332.18	11727.	46.150
TPF	2.00%	2741.3	48.762	368.31	13011.	51.410
TPF	1.00%	3207.4	57.393	430.58	15223.	60.478
TPF	0.10%	4846.4	83.086	654.34	23004.	87.895
TPF	0.00%	0.98615E+07	0.11879E+06	0.13846E+07	0.46859E+08	0.11417E+06

Rank 22 0.00% 753.49 621.27

Prob.	BOE (MBbl)	Oil (MBbl)	COil(MBbl)	Gas (MMcf)	SGas(MMcf)	
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Mean	0.00%	753.49	12.352	101.23	3583.3	13.018
TPF	100.00%	13.011	0.21329	1.7481	61.876	0.22479
TPF	99.00%	27.191	0.44574	3.6532	129.31	0.46977
TPF	98.00%	41.494	0.68019	5.5748	197.33	0.71688
TPF	97.00%	55.922	0.91671	7.5132	265.94	0.96614
TPF	96.00%	70.478	1.1553	9.4688	335.16	1.2176
TPF	95.00%	85.164	1.3961	11.442	405.00	1.4714
TPF	90.00%	160.64	2.6333	21.582	763.93	2.7753
TPF	85.00%	218.73	3.5856	29.387	1040.2	3.7790
TPF	80.00%	267.72	4.3886	35.968	1273.1	4.6253
TPF	75.00%	315.82	5.1772	42.431	1501.9	5.4564
TPF	70.00%	363.41	5.9572	48.825	1728.2	6.2785
TPF	65.00%	413.75	6.7825	55.588	1967.6	7.1482
TPF	60.00%	467.37	7.6614	62.792	2222.6	8.0745
TPF	55.00%	525.63	8.6165	70.620	2499.7	9.0812
TPF	50.00%	588.32	9.6441	79.042	2797.8	10.164
TPF	45.00%	656.11	10.755	88.149	3120.2	11.335
TPF	40.00%	730.66	11.977	98.165	3474.7	12.623
TPF	35.00%	813.63	13.338	109.31	3869.3	14.057
TPF	30.00%	907.42	14.875	121.91	4315.3	15.677
TPF	25.00%	1016.1	16.675	136.52	4831.8	17.575
TPF	20.00%	1151.3	19.200	154.77	5472.6	20.244
TPF	15.00%	1319.5	22.338	177.46	6269.3	23.562
TPF	10.00%	1554.4	26.721	209.15	7381.9	28.195
TPF	5.00%	1960.4	34.298	263.93	9305.4	36.206
TPF	4.00%	2094.2	36.781	281.86	9939.7	38.821
TPF	3.00%	2269.3	40.024	305.26	10771.	42.228
TPF	2.00%	2506.5	44.416	336.95	11897.	46.843
TPF	1.00%	2929.8	52.253	393.49	13905.	55.078
TPF	0.10%	4390.4	76.014	592.00	20839.	80.340
TPF	0.00%	0.98615E+07	0.11879E+06	0.13846E+07	0.46859E+08	0.11417E+06



Rank 23 0.00% 695.72 560.55

Prob.	BOE (MBbl)	Oil (MBbl)	COil(MBbl)	Gas (MMcf)	SGas(MMcf)	
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Mean	0.00%	695.72	11.405	93.471	3308.5	12.020
TPF 100.00%	13.011	0.21329	1.7481	61.876	0.22479	
TPF 99.00%	26.090	0.42768	3.5052	124.07	0.45074	
TPF 98.00%	39.281	0.64391	5.2774	186.80	0.67864	
TPF 97.00%	52.586	0.86203	7.0651	250.08	0.90852	
TPF 96.00%	66.009	1.0821	8.8684	313.91	1.1404	
TPF 95.00%	79.551	1.3040	10.688	378.31	1.3744	
TPF 90.00%	149.13	2.4446	20.036	709.20	2.5765	
TPF 85.00%	208.30	3.4146	27.986	990.60	3.5988	
TPF 80.00%	253.42	4.1543	34.048	1205.2	4.3783	
TPF 75.00%	299.82	4.9148	40.281	1425.8	5.1799	
TPF 70.00%	343.60	5.6325	46.163	1634.0	5.9362	
TPF 65.00%	390.04	6.3938	52.402	1854.8	6.7386	
TPF 60.00%	439.29	7.2011	59.020	2089.1	7.5895	
TPF 55.00%	492.41	8.0718	66.156	2341.7	8.5071	
TPF 50.00%	550.20	9.0192	73.920	2616.5	9.5056	
TPF 45.00%	612.44	10.040	82.283	2912.5	10.581	
TPF 40.00%	680.67	11.158	91.450	3237.0	11.760	
TPF 35.00%	756.53	12.402	101.64	3597.7	13.070	
TPF 30.00%	842.21	13.806	113.15	4005.2	14.551	
TPF 25.00%	941.01	15.426	126.43	4475.0	16.258	
TPF 20.00%	1061.0	17.514	142.58	5044.8	18.462	
TPF 15.00%	1214.5	20.379	163.29	5772.0	21.491	
TPF 10.00%	1421.1	24.233	191.16	6750.3	25.565	
TPF 5.00%	1786.5	31.052	240.46	8481.4	32.775	
TPF 4.00%	1900.2	33.175	255.81	9020.3	35.019	
TPF 3.00%	2047.7	35.921	275.65	9719.2	37.917	
TPF 2.00%	2267.8	39.996	305.06	10764.	42.199	
TPF 1.00%	2626.8	46.643	353.02	12467.	49.183	
TPF 0.10%	3921.8	68.746	527.95	18614.	72.577	
TPF 0.00%	0.98615E+07	0.11879E+06	0.13846E+07	0.46859E+08	0.11417E+06	

Rank 24 0.00% 628.84 494.80

Prob.	BOE (MBbl)	Oil (MBbl)	COil(MBbl)	Gas (MMcf)	SGas(MMcf)	
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Mean	0.00%	628.84	10.308	84.486	2990.5	10.864
TPF 100.00%	13.011	0.21329	1.7481	61.876	0.22479	
TPF 99.00%	24.806	0.40664	3.3328	117.97	0.42857	
TPF 98.00%	36.700	0.60161	4.9307	174.53	0.63405	
TPF 97.00%	48.694	0.79822	6.5421	231.57	0.84127	
TPF 96.00%	60.790	0.99650	8.1672	289.09	1.0502	
TPF 95.00%	72.990	1.1965	9.8063	347.10	1.2610	
TPF 90.00%	135.62	2.2232	18.221	644.94	2.3430	
TPF 85.00%	196.00	3.2130	26.333	932.11	3.3863	
TPF 80.00%	236.49	3.8767	31.773	1124.6	4.0857	
TPF 75.00%	279.10	4.5752	37.498	1327.3	4.8220	
TPF 70.00%	319.93	5.2445	42.983	1521.4	5.5273	
TPF 65.00%	361.45	5.9251	48.561	1718.9	6.2446	

TPF	60.00%	405.51	6.6473	54.481	1928.4	7.0058
TPF	55.00%	452.55	7.4184	60.800	2152.1	7.8185
TPF	50.00%	503.69	8.2567	67.671	2395.3	8.7020
TPF	45.00%	559.54	9.1723	75.175	2660.9	9.6669
TPF	40.00%	620.10	10.165	83.312	2948.9	10.713
TPF	35.00%	687.39	11.268	92.352	3268.9	11.876
TPF	30.00%	763.38	12.514	102.56	3630.3	13.189
TPF	25.00%	851.09	13.952	114.35	4047.4	14.704
TPF	20.00%	955.46	15.663	128.37	4543.7	16.507
TPF	15.00%	1089.6	18.048	146.44	5180.3	19.026
TPF	10.00%	1274.6	21.500	171.40	6056.7	22.676
TPF	5.00%	1585.0	27.292	213.28	7527.0	28.800
TPF	4.00%	1688.5	29.224	227.25	8017.3	30.842
TPF	3.00%	1818.9	31.656	244.83	8634.8	33.414
TPF	2.00%	1997.0	34.981	268.87	9478.8	36.929
TPF	1.00%	2325.9	41.072	312.82	11040.	43.330
TPF	0.10%	3434.3	61.187	461.32	16300.	64.501
TPF	0.00%	0.98615E+07	0.11879E+06	0.13846E+07	0.46859E+08	0.11417E+06

Rank 25 0.00% 544.67 421.91

Prob.	BOE (MBbl)	Oil (MBbl)	COil(MBbl)	Gas (MMcf)	SGas(MMcf)	
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Mean	0.00%	544.67	8.9286	73.177	2590.2	9.4101
TPF	100.00%	13.011	0.21329	1.7481	61.876	0.22479
TPF	99.00%	22.991	0.37688	3.0889	109.33	0.39721
TPF	98.00%	33.047	0.54172	4.4399	157.15	0.57093
TPF	97.00%	43.179	0.70782	5.8012	205.34	0.74600
TPF	96.00%	53.392	0.87523	7.1733	253.91	0.92243
TPF	95.00%	63.685	1.0440	8.5562	302.86	1.1003
TPF	90.00%	116.43	1.9086	15.642	553.68	2.0115
TPF	85.00%	171.49	2.8111	23.039	815.51	2.9627
TPF	80.00%	212.47	3.4829	28.545	1010.4	3.6707
TPF	75.00%	248.13	4.0675	33.337	1180.0	4.2869
TPF	70.00%	285.76	4.6844	38.393	1359.0	4.9370
TPF	65.00%	321.27	5.2664	43.163	1527.8	5.5505
TPF	60.00%	358.24	5.8725	48.131	1703.6	6.1893
TPF	55.00%	397.76	6.5204	53.440	1891.6	6.8720
TPF	50.00%	440.25	7.2168	59.148	2093.6	7.6060
TPF	45.00%	486.71	7.9785	65.391	2314.6	8.4088
TPF	40.00%	538.29	8.8240	72.320	2559.9	9.2999
TPF	35.00%	595.37	9.7597	79.989	2831.3	10.286
TPF	30.00%	659.77	10.815	88.641	3137.6	11.399
TPF	25.00%	734.47	12.040	98.677	3492.8	12.689
TPF	20.00%	823.91	13.506	110.69	3918.1	14.234
TPF	15.00%	936.31	15.349	125.80	4452.7	16.176
TPF	10.00%	1094.0	18.130	147.03	5201.1	19.113
TPF	5.00%	1357.8	23.052	182.62	6450.5	24.317
TPF	4.00%	1439.8	24.583	193.69	6839.1	25.935
TPF	3.00%	1552.4	26.683	208.87	7372.3	28.155
TPF	2.00%	1713.9	29.698	230.67	8137.7	31.343
TPF	1.00%	1980.6	34.675	266.66	9401.1	36.605
TPF	0.10%	2941.9	52.477	395.11	13963.	55.312
TPF	0.00%	0.98615E+07	0.11879E+06	0.13846E+07	0.46859E+08	0.11417E+06

Rank 26 0.00% 431.49 340.91

Prob.	BOE (MBbl)	Oil (MBbl)	COil(MBbl)	Gas (MMcf)	SGas(MMcf)	
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Mean	0.00%	431.49	7.0732	57.971	2052.0	7.4547
TPF 100.00%	13.011	0.21329	1.7481	61.876	0.22479	
TPF 99.00%	19.798	0.32454	2.6599	94.150	0.34204	
TPF 98.00%	26.651	0.43688	3.5806	126.74	0.46044	
TPF 97.00%	33.571	0.55033	4.5104	159.65	0.58000	
TPF 96.00%	40.561	0.66491	5.4495	192.89	0.70076	
TPF 95.00%	47.621	0.78063	6.3980	226.46	0.82273	
TPF 90.00%	84.028	1.3774	11.289	399.60	1.4517	
TPF 85.00%	122.44	2.0070	16.449	582.25	2.1153	
TPF 80.00%	163.08	2.6733	21.910	775.53	2.8175	
TPF 75.00%	198.99	3.2620	26.735	946.31	3.4379	
TPF 70.00%	226.08	3.7060	30.374	1075.1	3.9059	
TPF 65.00%	255.09	4.1816	34.272	1213.1	4.4071	
TPF 60.00%	286.34	4.6938	38.470	1361.7	4.9470	
TPF 55.00%	316.52	5.1886	42.525	1505.2	5.4684	
TPF 50.00%	348.67	5.7156	46.844	1658.1	6.0238	
TPF 45.00%	384.05	6.2956	51.598	1826.4	6.6351	
TPF 40.00%	423.16	6.9367	56.852	2012.4	7.3108	
TPF 35.00%	467.28	7.6600	62.780	2222.2	8.0731	
TPF 30.00%	518.54	8.5002	69.667	2465.9	8.9586	
TPF 25.00%	578.61	9.4850	77.738	2751.6	9.9965	
TPF 20.00%	650.91	10.670	87.451	3095.4	11.246	
TPF 15.00%	743.21	12.183	99.851	3534.3	12.840	
TPF 10.00%	871.57	14.287	117.10	4144.8	15.058	
TPF 5.00%	1090.5	18.064	146.56	5184.3	19.043	
TPF 4.00%	1162.0	19.398	156.20	5522.9	20.453	
TPF 3.00%	1253.2	21.100	168.51	5955.1	22.253	
TPF 2.00%	1380.1	23.468	185.63	6556.1	24.756	
TPF 1.00%	1607.5	27.712	216.31	7633.4	29.243	
TPF 0.10%	2407.9	42.591	323.78	11429.	44.925	
TPF 0.00%	0.98615E+07	0.11879E+06	0.13846E+07	0.46859E+08	0.11417E+06	