

GEOLOGIC ECONOMIC RESOURCE MODEL MODULE PSRK

Geologic Economic Resource Model (Ver 8.29.2005)

The Current UAI AAAAADAD is for

World Level - World Level Resources
Country Level - UNITED STATES OF AMERICA
Region Level - MMS - ALASKA REGION
Basin Level - CHUKCHI SEA SHELF
Play Level - Play 03 - Lisburne
Geologist Kirk W. Sherwood
Remarks 2005 Assessment
Run date Date 16-SEP-05 Time 10:13:06

USER SUPPLIED PARAMETERS

RECOVERABLE RESOURCES? > R

B) Pool Size Distribution

Z PROB.

EXPECTATION = 70876.

S.D. = 0.12666E+06

MU = 10.314

SIG.SQ. = 1.8157

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

Mean	%	70876.	32749.	4980.7	93418.	92865.
TPF 100.00%	134.85	52.433	12.730	246.25	145.37	
TPF 99.00%	1331.0	517.53	125.65	2430.6	1434.9	
TPF 98.00%	1888.3	734.24	178.27	3448.3	2035.7	
TPF 97.00%	2335.6	908.15	220.49	4265.1	2517.9	
TPF 96.00%	2783.8	1082.4	262.81	5083.6	3001.2	
TPF 95.00%	3207.2	1247.1	302.78	5856.8	3457.6	
TPF 90.00%	5178.5	2013.6	488.89	9456.7	5582.8	
TPF 85.00%	7233.4	2937.9	642.62	12342.	8186.8	
TPF 80.00%	9416.0	3919.7	805.90	15407.	10953.	
TPF 75.00%	11921.	5000.9	1004.1	19226.	14022.	
TPF 70.00%	14709.	6203.9	1224.7	23476.	17438.	
TPF 65.00%	17936.	7733.1	1440.0	27474.	21771.	
TPF 60.00%	21593.	9466.4	1684.1	32006.	26683.	
TPF 55.00%	25822.	11329.	2022.2	38221.	31863.	
TPF 50.00%	30747.	13499.	2415.9	45460.	37897.	
TPF 45.00%	36802.	16418.	2798.9	52579.	46247.	
TPF 40.00%	43742.	19765.	3237.8	60739.	55816.	
TPF 35.00%	52411.	23851.	3815.0	71691.	67372.	
TPF 30.00%	63507.	29082.	4553.8	85710.	82163.	

TPF	25.00%	77777.	36183.	5380.4	0.10064E+06	0.10289E+06
TPF	20.00%	96847.	45671.	6485.1	0.12058E+06	0.13058E+06
TPF	15.00%	0.12498E+06	58757.	8410.2	0.15817E+06	0.16675E+06
TPF	10.00%	0.17061E+06	79979.	11532.	0.21914E+06	0.22540E+06
TPF	5.00%	0.26658E+06	0.13357E+06	15139.	0.27893E+06	0.38349E+06
TPF	4.00%	0.30192E+06	0.15331E+06	16467.	0.30095E+06	0.44171E+06
TPF	3.00%	0.35230E+06	0.18145E+06	18360.	0.33234E+06	0.52470E+06
TPF	2.00%	0.43216E+06	0.22604E+06	21361.	0.38210E+06	0.65625E+06
TPF	1.00%	0.58052E+06	0.30889E+06	26937.	0.47453E+06	0.90064E+06
TPF	0.10%	0.13631E+07	0.74592E+06	56345.	0.96213E+06	0.21898E+07
TPF	0.00%	0.39645E+07	0.21987E+07	0.15411E+06	0.25830E+07	0.64751E+07

C) No.of Pools Distribution

Lower Support = 0
Upper Support = 24
Expectation = 3.05
Standard Deviation= 4.12

Rank 1 39.98% 0.27334E+06 0.32241E+06

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

Mean	39.98%	0.27334E+06	0.13735E+06	15393.	0.28314E+06	0.39462E+06
TPF	100.00%	134.85	52.433	12.730	246.25	145.37
TPF	99.00%	22116.	9696.7	1725.9	32774.	27323.
TPF	98.00%	30051.	13192.	2360.3	44437.	37044.
TPF	97.00%	36133.	16096.	2756.6	51793.	45325.
TPF	96.00%	41147.	18513.	3073.7	57688.	52237.
TPF	95.00%	45471.	20580.	3353.0	62924.	58122.
TPF	90.00%	63401.	29032.	4546.7	85577.	82023.
TPF	85.00%	78602.	36593.	5428.2	0.10150E+06	0.10409E+06
TPF	80.00%	92880.	43697.	6255.3	0.11643E+06	0.12482E+06
TPF	75.00%	0.10736E+06	50560.	7204.3	0.13463E+06	0.14409E+06
TPF	70.00%	0.12074E+06	56785.	8120.2	0.15251E+06	0.16130E+06
TPF	65.00%	0.13647E+06	64102.	9196.5	0.17353E+06	0.18152E+06
TPF	60.00%	0.15239E+06	71507.	10286.	0.19480E+06	0.20198E+06
TPF	55.00%	0.16644E+06	78042.	11247.	0.21357E+06	0.22004E+06
TPF	50.00%	0.18830E+06	89857.	12197.	0.23016E+06	0.25453E+06
TPF	45.00%	0.21223E+06	0.10322E+06	13096.	0.24507E+06	0.29396E+06
TPF	40.00%	0.23409E+06	0.11543E+06	13918.	0.25869E+06	0.32997E+06
TPF	35.00%	0.25420E+06	0.12666E+06	14674.	0.27122E+06	0.36310E+06
TPF	30.00%	0.27809E+06	0.14000E+06	15571.	0.28610E+06	0.40245E+06
TPF	25.00%	0.31349E+06	0.15977E+06	16901.	0.30816E+06	0.46075E+06
TPF	20.00%	0.35830E+06	0.18479E+06	18585.	0.33608E+06	0.53457E+06
TPF	15.00%	0.42174E+06	0.22022E+06	20970.	0.37561E+06	0.63909E+06
TPF	10.00%	0.52395E+06	0.27730E+06	24811.	0.43929E+06	0.80745E+06
TPF	5.00%	0.86526E+06	0.46790E+06	37637.	0.65195E+06	0.13697E+07
TPF	4.00%	0.98464E+06	0.53457E+06	42123.	0.72632E+06	0.15663E+07
TPF	3.00%	0.11028E+07	0.60054E+06	46563.	0.79993E+06	0.17610E+07
TPF	2.00%	0.12197E+07	0.66584E+06	50957.	0.87279E+06	0.19536E+07
TPF	1.00%	0.13355E+07	0.73048E+06	55307.	0.94491E+06	0.21442E+07
TPF	0.10%	0.36232E+07	0.20081E+07	0.14128E+06	0.23703E+07	0.59129E+07
TPF	0.00%	0.39645E+07	0.21987E+07	0.15411E+06	0.25830E+07	0.64751E+07

Rank 2 39.85% 0.11355E+06 94290.

Prob.	BOE (MBbl)	Oil (MBbl)	COil(MBbl)	Gas (MMcf)	SGas(MMcf)
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Mean	39.85%	0.11355E+06	53439.	7627.9	0.14290E+06 0.15205E+06
TPF 100.00%	134.85	52.433	12.730	246.25	145.37
TPF 99.00%	8804.6	3644.7	760.17	14549.	10178.
TPF 98.00%	12888.	5418.2	1080.7	20701.	15208.
TPF 97.00%	16042.	6835.8	1313.7	25128.	19229.
TPF 96.00%	18711.	8100.4	1491.7	28435.	22812.
TPF 95.00%	21055.	9211.3	1648.2	31339.	25960.
TPF 90.00%	30513.	13396.	2397.3	45117.	37611.
TPF 85.00%	38584.	17277.	2911.6	54674.	48703.
TPF 80.00%	45652.	20665.	3365.0	63152.	58362.
TPF 75.00%	52357.	23826.	3811.4	71623.	67300.
TPF 70.00%	59581.	27232.	4292.4	80751.	76931.
TPF 65.00%	66579.	30611.	4731.7	88924.	86625.
TPF 60.00%	73838.	34222.	5152.2	96516.	97166.
TPF 55.00%	81350.	37961.	5587.4	0.10437E+06	0.10808E+06
TPF 50.00%	89532.	42031.	6061.4	0.11293E+06	0.11996E+06
TPF 45.00%	97384.	45921.	6521.8	0.12130E+06	0.13127E+06
TPF 40.00%	0.10815E+06	50930.	7258.7	0.13569E+06	0.14511E+06
TPF 35.00%	0.11852E+06	55750.	7967.9	0.14954E+06	0.15844E+06
TPF 30.00%	0.13088E+06	61501.	8813.9	0.16606E+06	0.17433E+06
TPF 25.00%	0.14709E+06	69038.	9922.6	0.18771E+06	0.19516E+06
TPF 20.00%	0.16340E+06	76626.	11039.	0.20950E+06	0.21613E+06
TPF 15.00%	0.19085E+06	91283.	12293.	0.23175E+06	0.25874E+06
TPF 10.00%	0.22886E+06	0.11251E+06	13721.	0.25543E+06	0.32135E+06
TPF 5.00%	0.27875E+06	0.14037E+06	15596.	0.28651E+06	0.40353E+06
TPF 4.00%	0.29809E+06	0.15117E+06	16323.	0.29856E+06	0.43538E+06
TPF 3.00%	0.32683E+06	0.16722E+06	17403.	0.31647E+06	0.48274E+06
TPF 2.00%	0.36719E+06	0.18976E+06	18920.	0.34161E+06	0.54922E+06
TPF 1.00%	0.44002E+06	0.23043E+06	21657.	0.38699E+06	0.66919E+06
TPF 0.10%	0.93253E+06	0.50547E+06	40165.	0.69385E+06	0.14805E+07
TPF 0.00%	0.39645E+07	0.21987E+07	0.15411E+06	0.25830E+07	0.64751E+07

Rank 3 39.31% 66497. 52359.

Prob.	BOE (MBbl)	Oil (MBbl)	COil(MBbl)	Gas (MMcf)	SGas(MMcf)
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Mean	39.31%	66497.	30570.	4727.0	88837. 86505.
TPF 100.00%	134.85	52.433	12.730	246.25	145.37
TPF 99.00%	4191.4	1629.7	395.69	7654.0	4518.6
TPF 98.00%	6314.0	2524.3	573.83	11051.	7021.7
TPF 97.00%	8041.9	3301.6	703.10	13478.	9211.3
TPF 96.00%	9521.1	3965.0	814.22	15567.	11081.
TPF 95.00%	10953.	4583.0	927.52	17750.	12836.
TPF 90.00%	16824.	7206.1	1365.8	26096.	20278.
TPF 85.00%	21716.	9520.6	1693.9	32187.	26834.
TPF 80.00%	26248.	11517.	2056.2	38848.	32385.
TPF 75.00%	30546.	13410.	2399.9	45165.	37651.
TPF 70.00%	35056.	15577.	2688.5	50527.	43840.
TPF 65.00%	39442.	17691.	2965.8	55683.	49887.

TPF	60.00%	43660.	19725.	3232.7	60643.	55704.
TPF	55.00%	48520.	22017.	3555.9	66776.	62186.
TPF	50.00%	53306.	24273.	3874.6	72822.	68565.
TPF	45.00%	58910.	26915.	4247.7	79903.	76036.
TPF	40.00%	64562.	29607.	4614.9	86814.	83695.
TPF	35.00%	71387.	33003.	5010.3	93953.	93607.
TPF	30.00%	78305.	36445.	5411.0	0.10119E+06	0.10365E+06
TPF	25.00%	87473.	41007.	5942.1	0.11078E+06	0.11697E+06
TPF	20.00%	96993.	45739.	6495.1	0.12078E+06	0.13077E+06
TPF	15.00%	0.11188E+06	52664.	7513.9	0.14067E+06	0.14991E+06
TPF	10.00%	0.13079E+06	61461.	8807.9	0.16594E+06	0.17422E+06
TPF	5.00%	0.16453E+06	77150.	11116.	0.21101E+06	0.21757E+06
TPF	4.00%	0.17568E+06	82809.	11723.	0.22229E+06	0.23374E+06
TPF	3.00%	0.19602E+06	94168.	12487.	0.23497E+06	0.26725E+06
TPF	2.00%	0.22042E+06	0.10780E+06	13404.	0.25017E+06	0.30745E+06
TPF	1.00%	0.25325E+06	0.12613E+06	14638.	0.27063E+06	0.36153E+06
TPF	0.10%	0.39305E+06	0.20420E+06	19891.	0.35773E+06	0.59182E+06
TPF	0.00%	0.39645E+07	0.21987E+07	0.15411E+06	0.25830E+07	0.64751E+07

Rank 4 37.91% 43481. 34752.

Prob.	BOE (MBbl)	Oil (MBbl)	COil(MBbl)	Gas (MMcf)	SGas(MMcf)	
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Mean	37.91%	43481.	19639.	3221.3	60432.	55456.
TPF 100.00%	134.85	52.433	12.730	246.25	145.37	
TPF 99.00%	2438.2	948.05	230.18	4452.5	2628.5	
TPF 98.00%	3616.7	1406.3	341.44	6604.6	3899.0	
TPF 97.00%	4599.6	1788.5	434.23	8399.5	4958.7	
TPF 96.00%	5497.9	2157.2	512.78	9905.2	5987.5	
TPF 95.00%	6338.9	2535.5	575.70	11086.	7053.2	
TPF 90.00%	9943.5	4147.4	847.65	16211.	11599.	
TPF 85.00%	13192.	5549.1	1104.7	21163.	15579.	
TPF 80.00%	16243.	6931.0	1327.1	25377.	19499.	
TPF 75.00%	19221.	8342.2	1525.8	29067.	23497.	
TPF 70.00%	22138.	9706.1	1727.6	32806.	27350.	
TPF 65.00%	25125.	11022.	1966.5	37197.	31010.	
TPF 60.00%	28234.	12392.	2215.0	41766.	34818.	
TPF 55.00%	31387.	13807.	2456.4	46213.	38780.	
TPF 50.00%	34948.	15524.	2681.6	50400.	43690.	
TPF 45.00%	38624.	17297.	2914.1	54722.	48759.	
TPF 40.00%	42490.	19161.	3158.6	59268.	54090.	
TPF 35.00%	46974.	21288.	3453.0	64822.	60124.	
TPF 30.00%	51806.	23566.	3774.7	70928.	66566.	
TPF 25.00%	57984.	26479.	4186.1	78733.	74801.	
TPF 20.00%	64976.	29813.	4638.9	87247.	84297.	
TPF 15.00%	74284.	34445.	5178.1	96983.	97814.	
TPF 10.00%	87387.	40964.	5937.1	0.11069E+06	0.11684E+06	
TPF 5.00%	0.11012E+06	51844.	7393.2	0.13831E+06	0.14764E+06	
TPF 4.00%	0.11719E+06	55134.	7877.2	0.14777E+06	0.15673E+06	
TPF 3.00%	0.12563E+06	59057.	8454.4	0.15904E+06	0.16757E+06	
TPF 2.00%	0.14192E+06	66635.	9569.1	0.18080E+06	0.18852E+06	
TPF 1.00%	0.16461E+06	77191.	11122.	0.21112E+06	0.21769E+06	
TPF 0.10%	0.25590E+06	0.12761E+06	14737.	0.27227E+06	0.36589E+06	
TPF 0.00%	0.39645E+07	0.21987E+07	0.15411E+06	0.25830E+07	0.64751E+07	

Rank 5 35.19% 30366. 24871.

Prob.	BOE (MBbl)	Oil (MBbl)	COil(MBbl)	Gas (MMcf)	SGas(MMcf)	
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Mean	35.19%	30366.	13331.	2385.5	44900.	37430.
TPF	100.00%	134.85	52.433	12.730	246.25	145.37
TPF	99.00%	1680.5	653.42	158.65	3068.7	1811.6
TPF	98.00%	2409.0	936.68	227.42	4399.1	2597.0
TPF	97.00%	3046.8	1184.7	287.63	5563.8	3284.6
TPF	96.00%	3604.6	1401.6	340.30	6582.5	3886.0
TPF	95.00%	4126.7	1604.6	389.58	7535.9	4448.9
TPF	90.00%	6497.4	2606.8	587.55	11309.	7254.1
TPF	85.00%	8626.1	3564.4	746.81	14298.	9951.6
TPF	80.00%	10703.	4475.2	907.77	17370.	12530.
TPF	75.00%	12769.	5366.6	1071.2	20518.	15061.
TPF	70.00%	14810.	6251.9	1231.5	23601.	17574.
TPF	65.00%	17006.	7292.4	1378.0	26322.	20523.
TPF	60.00%	19242.	8352.4	1527.2	29093.	23526.
TPF	55.00%	21510.	9426.7	1678.5	31902.	26570.
TPF	50.00%	24043.	10545.	1879.9	35606.	29684.
TPF	45.00%	26663.	11700.	2089.4	39458.	32894.
TPF	40.00%	29559.	12976.	2321.0	43715.	36442.
TPF	35.00%	32871.	14523.	2550.3	47958.	40827.
TPF	30.00%	36533.	16289.	2781.9	52263.	45876.
TPF	25.00%	40858.	18374.	3055.4	57349.	51840.
TPF	20.00%	45947.	20804.	3384.7	63526.	58756.
TPF	15.00%	52353.	23824.	3811.2	71619.	67296.
TPF	10.00%	61929.	28338.	4448.7	83716.	80060.
TPF	5.00%	77864.	36226.	5385.4	0.10073E+06	0.10301E+06
TPF	4.00%	83667.	39113.	5721.6	0.10680E+06	0.11144E+06
TPF	3.00%	90458.	42492.	6115.0	0.11390E+06	0.12130E+06
TPF	2.00%	99894.	47088.	6693.6	0.12465E+06	0.13450E+06
TPF	1.00%	0.11766E+06	55351.	7909.2	0.14839E+06	0.15733E+06
TPF	0.10%	0.18108E+06	85825.	11926.	0.22566E+06	0.24264E+06
TPF	0.00%	0.39645E+07	0.21987E+07	0.15411E+06	0.25830E+07	0.64751E+07

Rank 6 30.99% 22318. 18666.

Prob.	BOE (MBbl)	Oil (MBbl)	COil(MBbl)	Gas (MMcf)	SGas(MMcf)	
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Mean	30.99%	22318.	9785.6	1742.0	33071.	27571.
TPF	100.00%	134.85	52.433	12.730	246.25	145.37
TPF	99.00%	1269.8	493.74	119.88	2318.8	1368.9
TPF	98.00%	1818.6	707.11	171.68	3320.9	1960.5
TPF	97.00%	2236.9	869.79	211.18	4084.9	2411.6
TPF	96.00%	2633.3	1023.9	248.59	4808.7	2838.8
TPF	95.00%	3008.2	1169.7	283.99	5493.4	3243.0
TPF	90.00%	4632.1	1801.1	437.30	8458.8	4993.7
TPF	85.00%	6151.0	2451.0	561.64	10822.	6815.1
TPF	80.00%	7611.4	3107.9	670.90	12873.	8665.8
TPF	75.00%	9054.3	3757.0	778.85	14899.	10494.
TPF	70.00%	10582.	4423.1	898.21	17186.	12382.
TPF	65.00%	12129.	5090.5	1020.6	19543.	14277.

TPF	60.00%	13781.	5803.3	1151.3	22061.	16301.
TPF	55.00%	15512.	6584.5	1278.3	24471.	18517.
TPF	50.00%	17372.	7466.1	1402.4	26776.	21015.
TPF	45.00%	19406.	8429.7	1538.1	29296.	23745.
TPF	40.00%	21536.	9439.3	1680.3	31935.	26606.
TPF	35.00%	24045.	10546.	1880.1	35609.	29686.
TPF	30.00%	26792.	11756.	2099.7	39647.	33051.
TPF	25.00%	29999.	13169.	2356.1	44360.	36980.
TPF	20.00%	34088.	15110.	2627.3	49389.	42505.
TPF	15.00%	39163.	17557.	2948.2	55355.	49502.
TPF	10.00%	46157.	20903.	3398.6	63791.	59036.
TPF	5.00%	58540.	26741.	4223.1	79436.	75543.
TPF	4.00%	62358.	28540.	4477.3	84258.	80631.
TPF	3.00%	67824.	31230.	4803.9	90226.	88433.
TPF	2.00%	75120.	34861.	5226.5	97858.	99029.
TPF	1.00%	88347.	41442.	5992.7	0.11169E+06	0.11824E+06
TPF	0.10%	0.13530E+06	63558.	9116.5	0.17197E+06	0.18001E+06
TPF	0.00%	0.39645E+07	0.21987E+07	0.15411E+06	0.25830E+07	0.64751E+07

Rank 7 25.61% 17135. 14510.

Prob.	BOE (MBbl)	Oil (MBbl)	COil(MBbl)	Gas (MMcf)	SGas(MMcf)	
-----	-----	-----	-----	-----	-----	
Mean	25.61%	17135.	7353.5	1386.6	26482.	20696.
TPF	100.00%	134.85	52.433	12.730	246.25	145.37
TPF	99.00%	876.14	340.67	82.713	1599.9	944.54
TPF	98.00%	1461.1	568.12	137.94	2668.1	1575.2
TPF	97.00%	1799.9	699.87	169.92	3286.9	1940.4
TPF	96.00%	2086.8	811.42	197.01	3810.8	2249.7
TPF	95.00%	2353.9	915.29	222.23	4298.6	2537.7
TPF	90.00%	3583.9	1393.5	338.34	6544.7	3863.7
TPF	85.00%	4693.1	1824.8	443.06	8570.3	5059.5
TPF	80.00%	5796.3	2291.5	535.10	10324.	6365.6
TPF	75.00%	6895.3	2785.8	617.32	11867.	7758.3
TPF	70.00%	8023.0	3293.1	701.69	13451.	9187.4
TPF	65.00%	9160.3	3804.7	786.78	15048.	10629.
TPF	60.00%	10423.	4354.3	885.60	16943.	12187.
TPF	55.00%	11727.	4917.2	988.81	18931.	13785.
TPF	50.00%	13171.	5540.4	1103.1	21132.	15554.
TPF	45.00%	14663.	6184.3	1221.1	23407.	17383.
TPF	40.00%	16430.	7019.7	1339.6	25609.	19750.
TPF	35.00%	18317.	7913.8	1465.5	27947.	22284.
TPF	30.00%	20514.	8955.0	1612.1	30669.	25234.
TPF	25.00%	23066.	10115.	1801.8	34170.	28487.
TPF	20.00%	26088.	11446.	2043.4	38612.	32189.
TPF	15.00%	30042.	13188.	2359.6	44425.	37034.
TPF	10.00%	35770.	15921.	2733.6	51367.	44824.
TPF	5.00%	45294.	20496.	3341.2	62700.	57886.
TPF	4.00%	48505.	22010.	3554.9	66757.	62165.
TPF	3.00%	52324.	23811.	3809.2	71582.	67257.
TPF	2.00%	58516.	26729.	4221.5	79405.	75510.
TPF	1.00%	68831.	31731.	4862.2	91279.	89895.
TPF	0.10%	0.10509E+06	49503.	7048.8	0.13159E+06	0.14117E+06
TPF	0.00%	0.39645E+07	0.21987E+07	0.15411E+06	0.25830E+07	0.64751E+07

Rank 8 19.74% 13663. 11609.

Prob.	BOE (MBbl)	Oil (MBbl)	COil(MBbl)	Gas (MMcf)	SGas(MMcf)	
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Mean	19.74%	13663.	5752.5	1142.0	21881.	16157.
TPF	100.00%	134.85	52.433	12.730	246.25	145.37
TPF	99.00%	661.50	257.21	62.450	1208.0	713.14
TPF	98.00%	1186.8	461.49	112.05	2167.3	1279.5
TPF	97.00%	1508.0	586.37	142.37	2753.9	1625.8
TPF	96.00%	1751.7	681.12	165.37	3198.8	1888.5
TPF	95.00%	1973.8	767.49	186.34	3604.5	2127.9
TPF	90.00%	2937.0	1142.0	277.27	5363.3	3166.3
TPF	85.00%	3806.3	1480.0	359.34	6950.8	4103.5
TPF	80.00%	4655.3	1810.1	439.49	8501.1	5018.7
TPF	75.00%	5519.6	2167.0	514.40	9935.6	6015.0
TPF	70.00%	6411.3	2568.1	581.11	11188.	7145.0
TPF	65.00%	7317.0	2975.5	648.87	12460.	8292.7
TPF	60.00%	8288.3	3412.4	721.54	13824.	9523.6
TPF	55.00%	9279.5	3858.3	795.69	15216.	10780.
TPF	50.00%	10427.	4356.2	885.95	16949.	12192.
TPF	45.00%	11635.	4877.5	981.53	18791.	13672.
TPF	40.00%	13005.	5468.5	1089.9	20878.	15350.
TPF	35.00%	14481.	6105.7	1206.7	23129.	17160.
TPF	30.00%	16270.	6943.7	1328.9	25410.	19535.
TPF	25.00%	18294.	7903.0	1464.0	27919.	22253.
TPF	20.00%	20795.	9088.1	1630.8	31017.	25611.
TPF	15.00%	24011.	10532.	1877.4	35560.	29645.
TPF	10.00%	28507.	12512.	2236.8	42168.	35153.
TPF	5.00%	36345.	16198.	2770.0	52042.	45616.
TPF	4.00%	38946.	17452.	2934.5	55100.	49203.
TPF	3.00%	42143.	18994.	3136.7	58859.	53611.
TPF	2.00%	46867.	21238.	3445.9	64687.	59982.
TPF	1.00%	55071.	25105.	3992.1	75053.	70918.
TPF	0.10%	84454.	39505.	5767.2	0.10762E+06	0.11258E+06
TPF	0.00%	0.39645E+07	0.21987E+07	0.15411E+06	0.25830E+07	0.64751E+07

Rank 9 14.14% 11253. 9521.6

Prob.	BOE (MBbl)	Oil (MBbl)	COil(MBbl)	Gas (MMcf)	SGas(MMcf)	
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Mean	14.14%	11253.	4712.6	951.30	18208.	13204.
TPF	100.00%	134.85	52.433	12.730	246.25	145.37
TPF	99.00%	533.03	207.26	50.322	973.39	574.65
TPF	98.00%	931.82	362.32	87.969	1701.6	1004.6
TPF	97.00%	1331.1	517.58	125.66	2430.8	1435.0
TPF	96.00%	1517.5	590.06	143.26	2771.2	1636.0
TPF	95.00%	1704.3	662.68	160.89	3112.2	1837.3
TPF	90.00%	2494.9	970.09	235.53	4556.0	2689.7
TPF	85.00%	3231.4	1256.5	305.07	5901.0	3483.7
TPF	80.00%	3914.0	1521.9	369.50	7147.4	4219.5
TPF	75.00%	4608.8	1792.0	435.09	8416.2	4968.6
TPF	70.00%	5324.2	2079.1	499.79	9661.3	5767.5
TPF	65.00%	6082.4	2420.2	556.51	10726.	6728.3

TPF	60.00%	6862.9	2771.3	614.90	11822.	7717.3
TPF	55.00%	7697.5	3146.7	677.34	12994.	8774.9
TPF	50.00%	8589.6	3548.0	744.08	14247.	9905.4
TPF	45.00%	9539.9	3973.2	815.71	15596.	11104.
TPF	40.00%	10672.	4461.9	905.33	17323.	12492.
TPF	35.00%	11881.	4983.4	1000.9	19165.	13973.
TPF	30.00%	13330.	5608.7	1115.6	21373.	15748.
TPF	25.00%	14963.	6324.5	1241.7	23791.	17780.
TPF	20.00%	17052.	7314.1	1381.1	26379.	20584.
TPF	15.00%	19708.	8572.9	1558.3	29670.	24151.
TPF	10.00%	23429.	10275.	1830.9	34704.	28932.
TPF	5.00%	29797.	13080.	2339.9	44063.	36733.
TPF	4.00%	31929.	14069.	2490.7	46850.	39527.
TPF	3.00%	34765.	15436.	2670.1	50185.	43438.
TPF	2.00%	38672.	17320.	2917.2	54779.	48826.
TPF	1.00%	45318.	20508.	3342.8	62731.	57918.
TPF	0.10%	69621.	32125.	4908.0	92106.	91043.
TPF	0.00%	0.39645E+07	0.21987E+07	0.15411E+06	0.25830E+07	0.64751E+07

Rank 10 9.42% 9525.8 7982.4

Prob.	BOE (MBbl)	Oil (MBbl)	COil(MBbl)	Gas (MMcf)	SGas(MMcf)	
-----	-----	-----	-----	-----	-----	
Mean	9.42%	9525.8	3967.1	814.60	15575.	11087.
TPF	100.00%	134.85	52.433	12.730	246.25	145.37
TPF	99.00%	450.25	175.07	42.507	822.22	485.40
TPF	98.00%	766.88	298.19	72.398	1400.4	826.75
TPF	97.00%	1084.8	421.79	102.41	1980.9	1169.4
TPF	96.00%	1365.0	530.75	128.86	2492.6	1471.5
TPF	95.00%	1514.3	588.81	142.96	2765.3	1632.5
TPF	90.00%	2195.1	853.53	207.23	4008.6	2366.5
TPF	85.00%	2815.5	1094.8	265.80	5141.6	3035.4
TPF	80.00%	3404.4	1323.7	321.39	6216.8	3670.1
TPF	75.00%	3982.4	1548.5	375.96	7272.4	4293.3
TPF	70.00%	4579.0	1780.5	432.29	8361.9	4936.5
TPF	65.00%	5197.7	2022.2	490.32	9483.6	5607.1
TPF	60.00%	5867.6	2323.5	540.43	10424.	6456.0
TPF	55.00%	6567.5	2638.4	592.80	11407.	7343.0
TPF	50.00%	7307.4	2971.2	648.15	12446.	8280.5
TPF	45.00%	8133.9	3343.0	709.98	13607.	9327.9
TPF	40.00%	9015.5	3739.5	775.94	14845.	10445.
TPF	35.00%	10047.	4192.1	855.85	16369.	11726.
TPF	30.00%	11239.	4706.3	950.14	18186.	13186.
TPF	25.00%	12637.	5309.7	1060.8	20317.	14899.
TPF	20.00%	14320.	6036.2	1194.0	22884.	16962.
TPF	15.00%	16572.	7086.8	1349.0	25784.	19940.
TPF	10.00%	19720.	8578.6	1559.1	29685.	24167.
TPF	5.00%	25097.	11010.	1964.2	37156.	30976.
TPF	4.00%	26870.	11791.	2106.0	39762.	33148.
TPF	3.00%	29168.	12803.	2289.7	43139.	35962.
TPF	2.00%	32488.	14338.	2526.1	47508.	40298.
TPF	1.00%	38284.	17133.	2892.6	54322.	48291.
TPF	0.10%	58491.	26718.	4219.8	79373.	75477.
TPF	0.00%	0.39645E+07	0.21987E+07	0.15411E+06	0.25830E+07	0.64751E+07

Rank 11 5.84% 8249.6 6821.9

Prob.	BOE (MBbl)	Oil (MBbl)	COil(MBbl)	Gas (MMcf)	SGas(MMcf)	
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Mean	5.84%	8249.6	3395.0	718.64	13769.	9474.6
TPF 100.00%	134.85	52.433	12.730	246.25	145.37	
TPF 99.00%	393.70	153.08	37.167	718.94	424.43	
TPF 98.00%	653.94	254.27	61.735	1194.2	704.99	
TPF 97.00%	915.59	356.01	86.438	1672.0	987.07	
TPF 96.00%	1178.7	458.32	111.28	2152.5	1270.7	
TPF 95.00%	1383.3	537.88	130.59	2526.1	1491.3	
TPF 90.00%	1986.4	772.37	187.53	3627.4	2141.5	
TPF 85.00%	2505.8	974.32	236.56	4575.8	2701.4	
TPF 80.00%	3029.0	1177.8	285.95	5531.3	3265.5	
TPF 75.00%	3531.3	1373.1	333.38	6448.7	3807.0	
TPF 70.00%	4040.9	1571.2	381.48	7379.1	4356.3	
TPF 65.00%	4572.5	1777.9	431.67	8350.0	4929.5	
TPF 60.00%	5129.5	1994.5	484.26	9367.1	5530.0	
TPF 55.00%	5738.7	2265.5	530.79	10243.	6292.6	
TPF 50.00%	6385.9	2556.7	579.21	11152.	7112.8	
TPF 45.00%	7075.9	2867.1	630.84	12121.	7987.2	
TPF 40.00%	7854.2	3217.1	689.06	13214.	8973.5	
TPF 35.00%	8710.5	3602.4	753.13	14417.	10059.	
TPF 30.00%	9689.4	4037.7	827.54	15824.	11288.	
TPF 25.00%	10905.	4562.4	923.75	17678.	12777.	
TPF 20.00%	12350.	5185.8	1038.1	19880.	14548.	
TPF 15.00%	14221.	5993.2	1186.1	22732.	16840.	
TPF 10.00%	16930.	7256.3	1372.9	26228.	20420.	
TPF 5.00%	21523.	9433.2	1679.4	31919.	26589.	
TPF 4.00%	23098.	10129.	1804.4	34217.	28526.	
TPF 3.00%	25033.	10982.	1959.1	37062.	30897.	
TPF 2.00%	27864.	12229.	2185.5	41223.	34366.	
TPF 1.00%	32801.	14489.	2545.9	47875.	40730.	
TPF 0.10%	49990.	22710.	3653.8	68633.	64145.	
TPF 0.00%	0.39645E+07	0.21987E+07	0.15411E+06	0.25830E+07	0.64751E+07	

Rank 12 3.38% 7280.9 5929.3

Prob.	BOE (MBbl)	Oil (MBbl)	COil(MBbl)	Gas (MMcf)	SGas(MMcf)	
-----	-----	-----	-----	-----	-----	
Mean	3.38%	7280.9	2959.3	646.17	12409.	8247.0
TPF 100.00%	134.85	52.433	12.730	246.25	145.37	
TPF 99.00%	353.20	137.34	33.344	644.99	380.77	
TPF 98.00%	572.94	222.78	54.089	1046.3	617.67	
TPF 97.00%	794.11	308.78	74.969	1450.1	856.11	
TPF 96.00%	1016.7	395.33	95.985	1856.7	1096.1	
TPF 95.00%	1240.8	482.47	117.14	2265.9	1337.7	
TPF 90.00%	1821.8	708.37	171.99	3326.8	1964.0	
TPF 85.00%	2278.0	885.78	215.06	4160.0	2455.9	
TPF 80.00%	2739.3	1065.1	258.61	5002.3	2953.2	
TPF 75.00%	3195.8	1242.6	301.70	5835.9	3445.3	
TPF 70.00%	3638.4	1414.7	343.49	6644.2	3922.5	
TPF 65.00%	4101.9	1595.0	387.25	7490.6	4422.2	

TPF	60.00%	4590.2	1784.8	433.34	8382.3	4948.5
TPF	55.00%	5107.1	1985.8	482.14	9326.2	5505.8
TPF	50.00%	5677.8	2238.2	526.24	10158.	6215.6
TPF	45.00%	6293.2	2515.0	572.28	11022.	6995.4
TPF	40.00%	6959.0	2814.5	622.09	11957.	7839.1
TPF	35.00%	7715.5	3154.8	678.68	13019.	8797.7
TPF	30.00%	8573.6	3540.8	742.88	14224.	9885.1
TPF	25.00%	9562.9	3983.1	817.53	15631.	11133.
TPF	20.00%	10857.	4541.6	919.94	17604.	12718.
TPF	15.00%	12481.	5242.4	1048.4	20080.	14708.
TPF	10.00%	14755.	6225.7	1227.8	23533.	17500.
TPF	5.00%	18850.	8166.4	1501.1	28607.	22999.
TPF	4.00%	20175.	8794.3	1589.5	30249.	24778.
TPF	3.00%	21834.	9572.3	1703.3	32360.	26977.
TPF	2.00%	24319.	10667.	1902.0	36012.	30022.
TPF	1.00%	28563.	12537.	2241.4	42251.	35222.
TPF	0.10%	43413.	19606.	3217.0	60353.	55363.
TPF	0.00%	0.39645E+07	0.21987E+07	0.15411E+06	0.25830E+07	0.64751E+07

Rank 13 1.83% 6527.6 5229.9

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

Mean	1.83%	6527.6	2620.4	589.81	11351.	7292.4
TPF	100.00%	134.85	52.433	12.730	246.25	145.37
TPF	99.00%	323.09	125.63	30.501	590.00	348.31
TPF	98.00%	512.66	199.34	48.398	936.19	552.68
TPF	97.00%	703.59	273.58	66.423	1284.8	758.52
TPF	96.00%	895.91	348.36	84.579	1636.0	965.85
TPF	95.00%	1089.6	423.68	102.87	1989.8	1174.7
TPF	90.00%	1680.1	653.29	158.62	3068.2	1811.3
TPF	85.00%	2106.5	819.09	198.87	3846.8	2271.0
TPF	80.00%	2508.7	975.45	236.83	4581.1	2704.5
TPF	75.00%	2921.6	1136.0	275.82	5335.2	3149.7
TPF	70.00%	3329.8	1294.7	314.35	6080.7	3589.8
TPF	65.00%	3739.0	1453.8	352.98	6827.9	4030.9
TPF	60.00%	4171.8	1622.1	393.84	7618.2	4497.5
TPF	55.00%	4631.9	1801.0	437.28	8458.4	4993.5
TPF	50.00%	5124.0	1992.4	483.74	9357.2	5524.1
TPF	45.00%	5674.5	2236.7	525.99	10153.	6211.3
TPF	40.00%	6275.3	2506.9	570.94	10997.	6972.7
TPF	35.00%	6935.9	2804.1	620.36	11925.	7809.9
TPF	30.00%	7700.2	3147.9	677.54	12998.	8778.3
TPF	25.00%	8590.6	3548.4	744.16	14248.	9906.7
TPF	20.00%	9664.0	4026.7	825.53	15785.	11257.
TPF	15.00%	11123.	4656.2	940.95	18009.	13044.
TPF	10.00%	13163.	5536.8	1102.4	21119.	15544.
TPF	5.00%	16712.	7153.3	1358.4	25958.	20129.
TPF	4.00%	17835.	7685.2	1433.3	27349.	21636.
TPF	3.00%	19390.	8422.1	1537.1	29276.	23724.
TPF	2.00%	21475.	9410.2	1676.2	31859.	26524.
TPF	1.00%	25228.	11068.	1974.7	37349.	31136.
TPF	0.10%	38501.	17238.	2906.3	54577.	48589.
TPF	0.00%	0.39645E+07	0.21987E+07	0.15411E+06	0.25830E+07	0.64751E+07

Rank 14 0.93% 5929.1 4672.4

Prob.	BOE (MBbl)	Oil (MBbl)	COil(MBbl)	Gas (MMcf)	SGas(MMcf)	
-----	-----	-----	-----	-----	-----	
Mean	0.93%	5929.1	2351.2	545.04	10511.	6534.0
TPF	100.00%	134.85	52.433	12.730	246.25	145.37
TPF	99.00%	299.99	116.65	28.321	547.83	323.41
TPF	98.00%	466.39	181.35	44.030	851.70	502.80
TPF	97.00%	634.07	246.55	59.860	1157.9	683.57
TPF	96.00%	803.05	312.25	75.812	1466.5	865.74
TPF	95.00%	973.35	378.47	91.890	1777.5	1049.3
TPF	90.00%	1570.8	610.77	148.29	2868.5	1693.4
TPF	85.00%	1973.6	767.41	186.32	3604.1	2127.7
TPF	80.00%	2329.2	905.68	219.89	4253.5	2511.1
TPF	75.00%	2703.0	1051.0	255.18	4936.0	2914.0
TPF	70.00%	3078.9	1197.2	290.67	5622.5	3319.3
TPF	65.00%	3453.1	1342.7	325.99	6305.8	3722.7
TPF	60.00%	3840.7	1493.4	362.59	7013.6	4140.5
TPF	55.00%	4254.2	1654.2	401.62	7768.6	4586.3
TPF	50.00%	4697.9	1826.7	443.51	8578.9	5064.6
TPF	45.00%	5177.7	2013.2	488.80	9455.1	5581.9
TPF	40.00%	5723.4	2258.7	529.65	10222.	6273.2
TPF	35.00%	6325.8	2529.7	574.72	11068.	7036.7
TPF	30.00%	7000.8	2833.3	625.22	12016.	7892.1
TPF	25.00%	7806.0	3195.5	685.46	13146.	8912.4
TPF	20.00%	8769.8	3629.0	757.56	14500.	10134.
TPF	15.00%	10033.	4185.9	854.71	16348.	11708.
TPF	10.00%	11830.	4961.4	996.91	19087.	13910.
TPF	5.00%	14962.	6324.0	1241.6	23790.	17779.
TPF	4.00%	16036.	6832.7	1313.3	25120.	19220.
TPF	3.00%	17364.	7462.3	1401.9	26766.	21004.
TPF	2.00%	19300.	8379.8	1531.1	29165.	23604.
TPF	1.00%	22609.	9913.7	1765.3	33499.	27927.
TPF	0.10%	34352.	15237.	2644.0	49699.	42869.
TPF	0.00%	0.39645E+07	0.21987E+07	0.15411E+06	0.25830E+07	0.64751E+07

Rank 15 0.45% 5444.5 4220.9

Prob.	BOE (MBbl)	Oil (MBbl)	COil(MBbl)	Gas (MMcf)	SGas(MMcf)	
-----	-----	-----	-----	-----	-----	
Mean	0.45%	5444.5	2133.2	508.78	9830.1	5919.8
TPF	100.00%	134.85	52.433	12.730	246.25	145.37
TPF	99.00%	281.82	109.58	26.606	514.65	303.83
TPF	98.00%	429.97	167.19	40.592	785.19	463.54
TPF	97.00%	579.31	225.26	54.691	1057.9	624.54
TPF	96.00%	729.87	283.80	68.904	1332.8	786.85
TPF	95.00%	881.66	342.82	83.234	1610.0	950.50
TPF	90.00%	1484.3	577.16	140.13	2710.6	1600.2
TPF	85.00%	1863.3	724.51	175.91	3402.6	2008.8
TPF	80.00%	2186.9	850.32	206.45	3993.5	2357.6
TPF	75.00%	2522.1	980.67	238.10	4605.7	2719.0
TPF	70.00%	2870.9	1116.3	271.03	5242.6	3095.0
TPF	65.00%	3223.5	1253.4	304.32	5886.6	3475.2

TPF	60.00%	3574.0	1389.7	337.41	6526.6	3853.0
TPF	55.00%	3948.7	1535.4	372.78	7210.9	4257.0
TPF	50.00%	4352.0	1692.2	410.85	7947.3	4691.7
TPF	45.00%	4789.2	1862.2	452.13	8745.8	5163.1
TPF	40.00%	5271.6	2055.5	495.85	9587.4	5700.8
TPF	35.00%	5824.1	2304.0	537.18	10363.	6400.9
TPF	30.00%	6445.4	2583.4	583.66	11236.	7188.2
TPF	25.00%	7158.4	2904.2	637.00	12237.	8091.7
TPF	20.00%	8048.2	3304.5	703.58	13487.	9219.4
TPF	15.00%	9152.5	3801.2	786.19	15037.	10619.
TPF	10.00%	10801.	4517.4	915.50	17519.	12650.
TPF	5.00%	13620.	5734.1	1138.6	21817.	16104.
TPF	4.00%	14505.	6115.9	1208.6	23165.	17189.
TPF	3.00%	15745.	6694.9	1293.9	24760.	18830.
TPF	2.00%	17452.	7503.9	1407.8	26875.	21122.
TPF	1.00%	20456.	8927.6	1608.2	30597.	25156.
TPF	0.10%	30748.	13499.	2416.0	45461.	37898.
TPF	0.00%	0.39645E+07	0.21987E+07	0.15411E+06	0.25830E+07	0.64751E+07

Rank 16 0.20% 5045.0 3849.3

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

Mean	0.20%	5045.0	1961.7	476.28	9212.8	5438.9
TPF	100.00%	134.85	52.433	12.730	246.25	145.37
TPF	99.00%	267.22	103.90	25.227	487.97	288.08
TPF	98.00%	400.68	155.80	37.827	731.69	431.96
TPF	97.00%	535.26	208.13	50.532	977.45	577.04
TPF	96.00%	670.97	260.89	63.344	1225.3	723.35
TPF	95.00%	807.84	314.11	76.265	1475.2	870.90
TPF	90.00%	1414.6	550.03	133.54	2583.2	1525.0
TPF	85.00%	1757.1	683.21	165.88	3208.7	1894.3
TPF	80.00%	2071.4	805.44	195.56	3782.7	2233.2
TPF	75.00%	2375.2	923.54	224.23	4337.3	2560.6
TPF	70.00%	2696.6	1048.5	254.57	4924.3	2907.1
TPF	65.00%	3023.4	1175.6	285.43	5521.2	3259.5
TPF	60.00%	3355.6	1304.8	316.79	6127.8	3617.6
TPF	55.00%	3697.9	1437.9	349.11	6752.9	3986.6
TPF	50.00%	4067.1	1581.4	383.96	7427.0	4384.6
TPF	45.00%	4468.3	1737.4	421.83	8159.6	4817.1
TPF	40.00%	4908.4	1908.6	463.39	8963.4	5291.6
TPF	35.00%	5406.5	2116.1	505.94	9776.7	5871.6
TPF	30.00%	5981.0	2374.5	548.92	10584.	6599.7
TPF	25.00%	6642.5	2672.1	598.41	11512.	7438.0
TPF	20.00%	7438.7	3030.3	657.98	12631.	8447.0
TPF	15.00%	8471.3	3494.8	735.23	14081.	9755.6
TPF	10.00%	9918.3	4136.5	845.66	16173.	11568.
TPF	5.00%	12483.	5243.4	1048.6	20083.	14711.
TPF	4.00%	13326.	5607.2	1115.3	21368.	15744.
TPF	3.00%	14376.	6060.4	1198.4	22969.	17031.
TPF	2.00%	15961.	6797.5	1308.3	25028.	19120.
TPF	1.00%	18657.	8075.0	1488.2	28368.	22740.
TPF	0.10%	28051.	12311.	2200.4	41498.	34595.
TPF	0.00%	0.39645E+07	0.21987E+07	0.15411E+06	0.25830E+07	0.64751E+07

Rank 17 0.09% 4710.1 3537.9

Prob.	BOE (MBbl)	Oil (MBbl)	COil(MBbl)	Gas (MMcf)	SGas(MMcf)	
-----	-----	-----	-----	-----	-----	
Mean	0.09%	4710.1	1831.4	444.66	8601.2	5077.8
TPF 100.00%	134.85	52.433	12.730	246.25	145.37	
TPF 99.00%	255.25	99.250	24.097	466.12	275.18	
TPF 98.00%	376.68	146.46	35.561	687.86	406.08	
TPF 97.00%	499.14	194.08	47.122	911.50	538.11	
TPF 96.00%	622.67	242.12	58.784	1137.1	671.28	
TPF 95.00%	747.28	290.57	70.548	1364.6	805.62	
TPF 90.00%	1357.2	527.74	128.13	2478.5	1463.2	
TPF 85.00%	1669.7	649.22	157.63	3049.0	1800.0	
TPF 80.00%	1976.3	768.44	186.57	3608.9	2130.6	
TPF 75.00%	2253.9	876.40	212.79	4116.0	2429.9	
TPF 70.00%	2548.1	990.78	240.56	4653.2	2747.0	
TPF 65.00%	2856.5	1110.7	269.67	5216.3	3079.5	
TPF 60.00%	3171.6	1233.2	299.42	5791.7	3419.2	
TPF 55.00%	3488.9	1356.6	329.38	6371.2	3761.3	
TPF 50.00%	3829.1	1488.9	361.49	6992.4	4128.0	
TPF 45.00%	4199.4	1632.9	396.45	7668.6	4527.2	
TPF 40.00%	4606.5	1791.1	434.88	8412.0	4966.1	
TPF 35.00%	5059.4	1967.3	477.64	9239.2	5454.4	
TPF 30.00%	5588.1	2197.8	519.53	10032.	6101.8	
TPF 25.00%	6204.2	2474.9	565.62	10897.	6882.5	
TPF 20.00%	6936.7	2804.5	620.42	11926.	7810.9	
TPF 15.00%	7886.3	3231.6	691.47	13259.	9014.2	
TPF 10.00%	9187.8	3817.0	788.83	15087.	10663.	
TPF 5.00%	11530.	4832.0	973.18	18630.	13543.	
TPF 4.00%	12288.	5159.2	1033.2	19786.	14472.	
TPF 3.00%	13290.	5591.6	1112.5	21313.	15700.	
TPF 2.00%	14644.	6175.8	1219.6	23377.	17358.	
TPF 1.00%	17143.	7357.3	1387.1	26492.	20707.	
TPF 0.10%	25587.	11226.	2003.4	37876.	31576.	
TPF 0.00%	0.39645E+07	0.21987E+07	0.15411E+06	0.25830E+07	0.64751E+07	

Rank 18 0.04% 4423.8 3270.9

Prob.	BOE (MBbl)	Oil (MBbl)	COil(MBbl)	Gas (MMcf)	SGas(MMcf)	
-----	-----	-----	-----	-----	-----	
Mean	0.04%	4423.8	1720.1	417.64	8078.5	4769.2
TPF 100.00%	134.85	52.433	12.730	246.25	145.37	
TPF 99.00%	245.27	95.370	23.155	447.90	264.42	
TPF 98.00%	356.66	138.68	33.670	651.30	384.50	
TPF 97.00%	469.01	182.37	44.278	856.48	505.63	
TPF 96.00%	582.36	226.44	54.979	1063.5	627.83	
TPF 95.00%	696.73	270.91	65.775	1272.3	751.12	
TPF 90.00%	1284.5	499.44	121.26	2345.6	1384.7	
TPF 85.00%	1596.5	620.77	150.72	2915.4	1721.1	
TPF 80.00%	1896.5	737.42	179.04	3463.2	2044.5	
TPF 75.00%	2152.2	836.85	203.18	3930.2	2320.2	
TPF 70.00%	2423.2	942.21	228.76	4425.0	2612.3	
TPF 65.00%	2711.7	1054.4	256.00	4952.0	2923.4	

TPF	60.00%	3006.9	1169.2	283.87	5491.1	3241.7
TPF	55.00%	3312.1	1287.8	312.68	6048.3	3570.6
TPF	50.00%	3627.2	1410.4	342.43	6623.7	3910.4
TPF	45.00%	3970.8	1544.0	374.86	7251.1	4280.8
TPF	40.00%	4349.0	1691.0	410.57	7941.9	4688.6
TPF	35.00%	4770.6	1855.0	450.38	8711.8	5143.1
TPF	30.00%	5251.0	2046.2	494.31	9558.5	5674.7
TPF	25.00%	5826.6	2305.1	537.37	10367.	6404.1
TPF	20.00%	6512.7	2613.7	588.70	11330.	7273.5
TPF	15.00%	7376.9	3002.5	653.36	12544.	8368.7
TPF	10.00%	8603.2	3554.1	745.10	14266.	9922.6
TPF	5.00%	10732.	4487.6	910.04	17414.	12565.
TPF	4.00%	11417.	4783.3	964.25	18458.	13405.
TPF	3.00%	12314.	5170.3	1035.2	19825.	14504.
TPF	2.00%	13605.	5727.6	1137.4	21794.	16086.
TPF	1.00%	15834.	6737.0	1299.8	24870.	18949.
TPF	0.10%	23557.	10332.	1841.1	34893.	29089.
TPF	0.00%	0.39645E+07	0.21987E+07	0.15411E+06	0.25830E+07	0.64751E+07

Rank 19 0.01% 4172.5 3034.2

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

Mean	0.01%	4172.5	1622.4	393.91	7619.6	4498.3
TPF	100.00%	134.85	52.433	12.730	246.25	145.37
TPF	99.00%	236.78	92.069	22.354	432.40	255.27
TPF	98.00%	339.62	132.05	32.062	620.18	366.13
TPF	97.00%	443.36	172.39	41.856	809.64	477.98
TPF	96.00%	548.04	213.10	51.739	1000.8	590.83
TPF	95.00%	653.67	254.17	61.711	1193.7	704.70
TPF	90.00%	1196.7	465.33	112.98	2185.4	1290.2
TPF	85.00%	1534.0	596.46	144.82	2801.3	1653.7
TPF	80.00%	1813.5	705.13	171.20	3311.6	1955.0
TPF	75.00%	2065.1	802.96	194.95	3771.1	2226.3
TPF	70.00%	2316.0	900.54	218.65	4229.3	2496.8
TPF	65.00%	2583.6	1004.6	243.91	4718.1	2785.4
TPF	60.00%	2865.1	1114.1	270.48	5232.1	3088.8
TPF	55.00%	3155.9	1227.1	297.93	5763.1	3402.3
TPF	50.00%	3452.6	1342.5	325.94	6304.8	3722.1
TPF	45.00%	3772.5	1466.9	356.15	6889.0	4067.0
TPF	40.00%	4125.1	1604.0	389.44	7533.0	4447.2
TPF	35.00%	4518.6	1757.0	426.59	8251.6	4871.4
TPF	30.00%	4964.8	1930.5	468.71	9066.4	5352.4
TPF	25.00%	5494.4	2155.7	512.52	9900.3	5983.1
TPF	20.00%	6137.5	2444.9	560.63	10803.	6798.0
TPF	15.00%	6941.1	2806.4	620.75	11932.	7816.4
TPF	10.00%	8077.0	3317.4	705.73	13527.	9255.8
TPF	5.00%	10002.	4172.7	852.29	16301.	11671.
TPF	4.00%	10650.	4452.5	903.59	17289.	12465.
TPF	3.00%	11463.	4803.0	967.86	18527.	13461.
TPF	2.00%	12637.	5309.8	1060.8	20318.	14900.
TPF	1.00%	14614.	6162.8	1217.2	23331.	17322.
TPF	0.10%	21586.	9462.8	1683.6	31997.	26673.
TPF	0.00%	0.39645E+07	0.21987E+07	0.15411E+06	0.25830E+07	0.64751E+07

Rank 20 0.01% 3941.9 2813.2

Prob.	BOE (MBbl)	Oil (MBbl)	Coil(MBbl)	Gas (MMcf)	SGas(MMcf)	
----	-----	-----	-----	-----	-----	
Mean	0.01%	3941.9	1532.7	372.14	7198.4	4249.6
TPF	100.00%	134.85	52.433	12.730	246.25	145.37
TPF	99.00%	229.34	89.175	21.651	418.80	247.24
TPF	98.00%	324.67	126.24	30.651	592.90	350.02
TPF	97.00%	420.86	163.65	39.732	768.55	453.72
TPF	96.00%	517.93	201.39	48.895	945.80	558.36
TPF	95.00%	615.88	239.47	58.143	1124.7	663.96
TPF	90.00%	1119.6	435.35	105.70	2044.6	1207.0
TPF	85.00%	1478.9	575.06	139.62	2700.7	1594.4
TPF	80.00%	1738.4	675.96	164.12	3174.6	1874.1
TPF	75.00%	1988.0	773.00	187.68	3630.4	2143.2
TPF	70.00%	2221.3	863.70	209.70	4056.3	2394.7
TPF	65.00%	2469.9	960.38	233.17	4510.4	2662.7
TPF	60.00%	2736.2	1063.9	258.32	4996.7	2949.8
TPF	55.00%	3009.5	1170.2	284.12	5495.8	3244.5
TPF	50.00%	3296.1	1281.6	311.18	6019.2	3553.5
TPF	45.00%	3594.3	1397.6	339.32	6563.6	3874.9
TPF	40.00%	3923.0	1525.4	370.36	7164.0	4229.3
TPF	35.00%	4290.1	1668.1	405.02	7834.4	4625.1
TPF	30.00%	4706.6	1830.1	444.33	8594.9	5074.1
TPF	25.00%	5189.7	2018.6	489.72	9472.4	5597.0
TPF	20.00%	5790.7	2289.0	534.69	10316.	6358.6
TPF	15.00%	6542.4	2627.1	590.92	11372.	7311.1
TPF	10.00%	7579.9	3093.8	668.54	12829.	8625.9
TPF	5.00%	9314.9	3874.2	798.35	15265.	10825.
TPF	4.00%	9909.2	4132.6	844.94	16159.	11557.
TPF	3.00%	10673.	4462.4	905.41	17324.	12493.
TPF	2.00%	11712.	4910.6	987.59	18907.	13766.
TPF	1.00%	13557.	5706.9	1133.6	21720.	16027.
TPF	0.10%	19861.	8645.4	1568.5	29860.	24357.
TPF	0.00%	0.39645E+07	0.21987E+07	0.15411E+06	0.25830E+07	0.64751E+07

Rank 21 0.00% 3712.8 2591.2

Prob.	BOE (MBbl)	Oil (MBbl)	COil(MBbl)	Gas (MMcf)	SGas(MMcf)	
-----	-----	-----	-----	-----	-----	
Mean	0.00%	3712.8	1443.6	350.51	6780.0	4002.6
TPF	100.00%	134.85	52.433	12.730	246.25	145.37
TPF	99.00%	222.41	86.480	20.997	406.15	239.77
TPF	98.00%	310.75	120.83	29.337	567.47	335.01
TPF	97.00%	399.89	155.49	37.752	730.25	431.11
TPF	96.00%	489.84	190.47	46.244	894.51	528.08
TPF	95.00%	580.61	225.76	54.813	1060.3	625.94
TPF	90.00%	1047.5	407.29	98.888	1912.8	1129.3
TPF	85.00%	1427.3	554.98	134.75	2606.4	1538.7
TPF	80.00%	1667.8	648.50	157.45	3045.6	1798.0
TPF	75.00%	1915.3	744.71	180.81	3497.5	2064.8
TPF	70.00%	2131.4	828.77	201.22	3892.3	2297.8
TPF	65.00%	2361.7	918.29	222.96	4312.7	2546.0

TPF	60.00%	2608.5	1014.3	246.25	4763.4	2812.1
TPF	55.00%	2869.0	1115.6	270.85	5239.1	3093.0
TPF	50.00%	3140.6	1221.2	296.49	5735.1	3385.8
TPF	45.00%	3421.3	1330.3	322.99	6247.7	3688.4
TPF	40.00%	3725.7	1448.7	351.73	6803.7	4016.6
TPF	35.00%	4065.5	1580.8	383.81	7424.2	4382.9
TPF	30.00%	4450.9	1730.7	420.19	8127.9	4798.4
TPF	25.00%	4897.4	1904.3	462.35	8943.3	5279.8
TPF	20.00%	5441.4	2131.8	508.55	9825.8	5915.9
TPF	15.00%	6136.6	2444.5	560.56	10802.	6796.9
TPF	10.00%	7077.9	2868.0	630.98	12124.	7989.7
TPF	5.00%	8677.0	3587.3	750.62	14369.	10016.
TPF	4.00%	9170.3	3809.2	787.53	15062.	10641.
TPF	3.00%	9845.4	4105.0	839.89	16062.	11479.
TPF	2.00%	10815.	4523.3	916.58	17540.	12667.
TPF	1.00%	12441.	5225.3	1045.3	20019.	14660.
TPF	0.10%	18032.	7778.5	1446.4	27593.	21900.
TPF	0.00%	0.39645E+07	0.21987E+07	0.15411E+06	0.25830E+07	0.64751E+07

Rank 22 0.00% 3454.5 2348.6

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

Mean	0.00%	3454.5	1343.2	326.13	6308.4	3724.2
TPF	100.00%	134.85	52.433	12.730	246.25	145.37
TPF	99.00%	215.01	83.605	20.299	392.65	231.80
TPF	98.00%	295.89	115.05	27.933	540.32	318.98
TPF	97.00%	377.47	146.77	35.636	689.31	406.94
TPF	96.00%	459.79	178.78	43.407	839.63	495.68
TPF	95.00%	542.85	211.08	51.248	991.31	585.23
TPF	90.00%	969.84	377.10	91.559	1771.0	1045.6
TPF	85.00%	1371.4	533.26	129.47	2504.4	1478.5
TPF	80.00%	1591.0	618.64	150.20	2905.4	1715.2
TPF	75.00%	1822.8	708.75	172.08	3328.6	1965.1
TPF	70.00%	2032.7	790.38	191.90	3712.0	2191.4
TPF	65.00%	2242.2	871.84	211.68	4094.5	2417.2
TPF	60.00%	2466.4	959.01	232.84	4503.9	2658.9
TPF	55.00%	2707.5	1052.8	255.61	4944.3	2918.9
TPF	50.00%	2958.2	1150.2	279.27	5402.0	3189.1
TPF	45.00%	3225.6	1254.2	304.52	5890.4	3477.4
TPF	40.00%	3501.3	1361.4	330.54	6393.8	3774.6
TPF	35.00%	3808.8	1481.0	359.57	6955.3	4106.1
TPF	30.00%	4157.3	1616.5	392.47	7591.7	4481.8
TPF	25.00%	4561.0	1773.4	430.58	8328.9	4917.0
TPF	20.00%	5043.2	1960.9	476.11	9209.5	5436.9
TPF	15.00%	5666.7	2233.2	525.41	10142.	6201.4
TPF	10.00%	6520.6	2617.3	589.29	11341.	7283.5
TPF	5.00%	7942.9	3257.1	695.70	13339.	9086.0
TPF	4.00%	8394.9	3460.4	729.51	13973.	9658.7
TPF	3.00%	8964.3	3716.5	772.12	14773.	10380.
TPF	2.00%	9791.6	4081.8	835.63	15980.	11413.
TPF	1.00%	11253.	4712.3	951.24	18207.	13203.
TPF	0.10%	16219.	6919.5	1325.5	25347.	19466.
TPF	0.00%	0.39645E+07	0.21987E+07	0.15411E+06	0.25830E+07	0.64751E+07

Rank 23 0.00% 3115.2 2066.7

Prob.	BOE (MBbl)	Oil (MBbl)	COil(MBbl)	Gas (MMcf)	SGas(MMcf)	
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Mean	0.00%	3115.2	1211.3	294.10	5688.8	3358.4
TPF 100.00%	134.85	52.433	12.730	246.25	145.37	
TPF 99.00%	204.76	79.616	19.330	373.91	220.74	
TPF 98.00%	275.24	107.02	25.984	502.62	296.73	
TPF 97.00%	346.30	134.65	32.693	632.40	373.34	
TPF 96.00%	417.97	162.52	39.459	763.27	450.60	
TPF 95.00%	490.24	190.62	46.282	895.25	528.52	
TPF 90.00%	861.22	334.87	81.304	1572.7	928.45	
TPF 85.00%	1249.5	485.85	117.96	2281.8	1347.1	
TPF 80.00%	1483.0	576.63	140.00	2708.1	1598.8	
TPF 75.00%	1683.1	654.45	158.90	3073.6	1814.5	
TPF 70.00%	1893.5	736.26	178.76	3457.8	2041.4	
TPF 65.00%	2074.0	806.44	195.80	3787.4	2235.9	
TPF 60.00%	2266.8	881.39	214.00	4139.4	2443.7	
TPF 55.00%	2474.1	962.03	233.57	4518.1	2667.3	
TPF 50.00%	2698.7	1049.3	254.77	4928.1	2909.4	
TPF 45.00%	2934.8	1141.2	277.07	5359.4	3164.0	
TPF 40.00%	3190.0	1240.4	301.15	5825.3	3439.0	
TPF 35.00%	3456.6	1344.0	326.32	6312.2	3726.4	
TPF 30.00%	3758.0	1461.2	354.78	6862.7	4051.4	
TPF 25.00%	4108.2	1597.4	387.84	7502.2	4429.0	
TPF 20.00%	4528.2	1760.7	427.49	8269.0	4881.7	
TPF 15.00%	5056.6	1966.2	477.37	9234.0	5451.4	
TPF 10.00%	5804.4	2295.1	535.71	10336.	6376.0	
TPF 5.00%	7035.9	2849.1	627.84	12065.	7936.5	
TPF 4.00%	7430.4	3026.5	657.36	12619.	8436.5	
TPF 3.00%	7945.4	3258.2	695.89	13342.	9089.1	
TPF 2.00%	8654.1	3577.0	748.91	14337.	9987.2	
TPF 1.00%	9883.1	4121.3	842.87	16119.	11525.	
TPF 0.10%	14187.	5978.6	1183.4	22680.	16799.	
TPF 0.00%	0.39645E+07	0.21987E+07	0.15411E+06	0.25830E+07	0.64751E+07	

Rank 24 0.00% 2607.7 1737.4

Prob.	BOE (MBbl)	Oil (MBbl)	COil(MBbl)	Gas (MMcf)	SGas(MMcf)	
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Mean	0.00%	2607.7	1013.9	246.18	4761.9	2811.2
TPF 100.00%	134.85	52.433	12.730	246.25	145.37	
TPF 99.00%	184.93	71.905	17.458	337.70	199.36	
TPF 98.00%	235.49	91.568	22.232	430.04	253.88	
TPF 97.00%	286.56	111.42	27.053	523.29	308.93	
TPF 96.00%	338.13	131.48	31.921	617.47	364.53	
TPF 95.00%	390.22	151.73	36.839	712.59	420.68	
TPF 90.00%	658.81	256.17	62.195	1203.1	710.24	
TPF 85.00%	942.10	366.32	88.940	1720.4	1015.6	
TPF 80.00%	1241.8	482.86	117.24	2267.7	1338.8	
TPF 75.00%	1437.7	559.04	135.73	2625.5	1550.0	
TPF 70.00%	1595.8	620.50	150.65	2914.1	1720.4	
TPF 65.00%	1765.1	686.33	166.64	3223.3	1902.9	

TPF	60.00%	1935.7	752.66	182.74	3534.8	2086.8
TPF	55.00%	2094.1	814.27	197.70	3824.2	2257.6
TPF	50.00%	2267.1	881.50	214.02	4139.9	2444.0
TPF	45.00%	2457.7	955.62	232.02	4488.0	2649.5
TPF	40.00%	2669.9	1038.2	252.06	4875.7	2878.4
TPF	35.00%	2902.4	1128.5	274.00	5300.1	3129.0
TPF	30.00%	3161.9	1229.4	298.50	5774.0	3408.7
TPF	25.00%	3448.8	1341.0	325.58	6297.9	3718.0
TPF	20.00%	3793.1	1474.9	358.10	6926.8	4089.3
TPF	15.00%	4232.4	1645.7	399.57	7729.0	4562.9
TPF	10.00%	4842.7	1883.0	457.18	8843.5	5220.8
TPF	5.00%	5891.4	2334.3	542.22	10458.	6486.2
TPF	4.00%	6227.1	2485.3	567.34	10929.	6911.6
TPF	3.00%	6655.4	2677.9	599.37	11531.	7454.3
TPF	2.00%	7251.3	2946.0	643.96	12367.	8209.5
TPF	1.00%	8307.0	3420.9	722.94	13850.	9547.4
TPF	0.10%	11927.	5003.4	1004.6	19235.	14030.
TPF	0.00%	0.39645E+07	0.21987E+07	0.15411E+06	0.25830E+07	0.64751E+07