

GEOLOGIC ECONOMIC RESOURCE MODEL MODULE PSRK

Geologic Economic Resource Model (Ver 8.29.2005)

The Current UAI AAAAADA0 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 14 - Brookian North Chukchi High - Sand Apron
Geologist Kirk W. Sherwood
Remarks 2005 Assessment
Run date Date 16-SEP-05 Time 10:27:34

USER SUPPLIED PARAMETERS

RECOVERABLE RESOURCES? > R

B) Pool Size Distribution

Z PROB.

EXPECTATION = 0.40491E+06

S.D. = 0.12129E+07

MU = 11.745

SIG.SQ. = 2.2926

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

Mean	%	0.40491E+06	0.12947E+06	51090.	0.92316E+06	0.33766E+06
TPF	100.00%	298.98	89.539	37.795	738.96	225.68
TPF	99.00%	4248.5	1272.4	537.07	10501.	3206.9
TPF	98.00%	5904.9	1768.4	746.46	14595.	4457.1
TPF	97.00%	7459.5	2234.0	942.99	18437.	5630.7
TPF	96.00%	8855.8	2652.2	1119.5	21888.	6684.6
TPF	95.00%	10275.	3077.3	1299.0	25397.	7756.1
TPF	90.00%	17486.	5236.7	2210.4	43218.	13199.
TPF	85.00%	25340.	7725.5	3178.9	61686.	19441.
TPF	80.00%	34158.	10520.	4266.2	82421.	26449.
TPF	75.00%	44293.	13707.	5476.2	0.10628E+06	34836.
TPF	70.00%	55985.	17384.	6872.2	0.13381E+06	44510.
TPF	65.00%	69630.	21867.	8533.9	0.16447E+06	55997.
TPF	60.00%	85542.	27095.	10472.	0.20023E+06	69393.
TPF	55.00%	0.10460E+06	33677.	12596.	0.24144E+06	86365.
TPF	50.00%	0.12693E+06	41387.	15086.	0.28972E+06	0.10625E+06
TPF	45.00%	0.15538E+06	49695.	18942.	0.35959E+06	0.12788E+06
TPF	40.00%	0.18978E+06	59744.	23606.	0.44410E+06	0.15405E+06
TPF	35.00%	0.23306E+06	74290.	28333.	0.54212E+06	0.19092E+06
TPF	30.00%	0.28746E+06	92576.	34273.	0.66534E+06	0.23727E+06

TPF	25.00%	0.35814E+06	0.11478E+06	44394.	0.82050E+06	0.29769E+06
TPF	20.00%	0.45547E+06	0.14536E+06	58328.	0.10341E+07	0.38088E+06
TPF	15.00%	0.60612E+06	0.19736E+06	71975.	0.13832E+07	0.50958E+06
TPF	10.00%	0.86753E+06	0.28758E+06	95655.	0.19888E+07	0.73290E+06
TPF	5.00%	0.14639E+07	0.49731E+06	0.16874E+06	0.31878E+07	0.12960E+07
TPF	4.00%	0.17058E+07	0.58240E+06	0.19839E+06	0.36743E+07	0.15245E+07
TPF	3.00%	0.20578E+07	0.70618E+06	0.24153E+06	0.43819E+07	0.18569E+07
TPF	2.00%	0.26511E+07	0.91483E+06	0.31424E+06	0.55747E+07	0.24172E+07
TPF	1.00%	0.41915E+07	0.14566E+07	0.50302E+06	0.86717E+07	0.38718E+07
TPF	0.10%	0.17543E+08	0.61520E+07	0.21393E+07	0.35515E+08	0.16480E+08
TPF	0.00%	0.66107E+08	0.23231E+08	0.80910E+07	0.13315E+09	0.62339E+08

C) No.of Pools Distribution

Lower Support = 0
Upper Support = 23
Expectation = 3.66
Standard Deviation= 3.43

Rank 1 63.71% 0.16943E+07 0.40709E+07

Prob.	BOE (MBbl)	Oil (MBbl)	COil(MBbl)	Gas (MMcf)	SGas(MMcf)
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Mean	63.71%	0.16943E+07	0.57835E+06	0.19698E+06	0.36511E+07	0.15137E+07
TPF	100.00%	298.98	89.539	37.795	738.96	225.68
TPF	99.00%	38993.	12040.	4843.4	93803.	30450.
TPF	98.00%	62334.	19470.	7645.4	0.14807E+06	49855.
TPF	97.00%	81634.	25811.	9995.8	0.19145E+06	66103.
TPF	96.00%	99042.	31757.	11977.	0.22942E+06	81414.
TPF	95.00%	0.11498E+06	37262.	13754.	0.26389E+06	95610.
TPF	90.00%	0.18551E+06	58496.	23027.	0.43361E+06	0.15080E+06
TPF	85.00%	0.24987E+06	79940.	30168.	0.58019E+06	0.20524E+06
TPF	80.00%	0.31074E+06	99891.	37607.	0.71646E+06	0.25718E+06
TPF	75.00%	0.36994E+06	0.11849E+06	46083.	0.84641E+06	0.30778E+06
TPF	70.00%	0.43286E+06	0.13825E+06	55091.	0.98451E+06	0.36155E+06
TPF	65.00%	0.50271E+06	0.16166E+06	62607.	0.11436E+07	0.42123E+06
TPF	60.00%	0.57384E+06	0.18621E+06	69051.	0.13084E+07	0.48200E+06
TPF	55.00%	0.65881E+06	0.21554E+06	76748.	0.15053E+07	0.55459E+06
TPF	50.00%	0.75590E+06	0.24905E+06	85543.	0.17302E+07	0.63753E+06
TPF	45.00%	0.84360E+06	0.27932E+06	93487.	0.19334E+07	0.71245E+06
TPF	40.00%	0.99532E+06	0.33252E+06	0.11132E+06	0.22458E+07	0.85357E+06
TPF	35.00%	0.11629E+07	0.39144E+06	0.13185E+06	0.25826E+07	0.10118E+07
TPF	30.00%	0.13178E+07	0.44592E+06	0.15083E+06	0.28940E+07	0.11581E+07
TPF	25.00%	0.14618E+07	0.49657E+06	0.16848E+06	0.31836E+07	0.12941E+07
TPF	20.00%	0.17448E+07	0.59609E+06	0.20316E+06	0.37525E+07	0.15613E+07
TPF	15.00%	0.21581E+07	0.74145E+06	0.25382E+06	0.45835E+07	0.19516E+07
TPF	10.00%	0.29065E+07	0.10046E+07	0.34554E+06	0.60881E+07	0.26583E+07
TPF	5.00%	0.57869E+07	0.20176E+07	0.69854E+06	0.11879E+08	0.53783E+07
TPF	4.00%	0.84908E+07	0.29685E+07	0.10299E+07	0.17315E+08	0.79317E+07
TPF	3.00%	0.11166E+08	0.39094E+07	0.13578E+07	0.22694E+08	0.10458E+08
TPF	2.00%	0.13813E+08	0.48404E+07	0.16822E+07	0.28017E+08	0.12958E+08
TPF	1.00%	0.16433E+08	0.57618E+07	0.20033E+07	0.33284E+08	0.15432E+08
TPF	0.10%	0.57657E+08	0.20259E+08	0.70554E+07	0.11616E+09	0.54360E+08
TPF	0.00%	0.66107E+08	0.23231E+08	0.80910E+07	0.13315E+09	0.62339E+08

Rank 2 62.22% 0.45268E+06 0.60526E+06

Prob.	BOE (MBbl)	Oil (MBbl)	COil(MBbl)	Gas (MMcf)	SGas(MMcf)
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Mean	62.22%	0.45268E+06	0.14448E+06	57929.	0.10280E+07 0.37850E+06
TPF 100.00%	298.98	89.539	37.795	738.96	225.68
TPF 99.00%	12969.	3883.9	1639.4	32053.	9789.0
TPF 98.00%	20899.	6318.3	2631.3	51244.	15911.
TPF 97.00%	27992.	8566.1	3506.0	67923.	21549.
TPF 96.00%	34500.	10627.	4307.0	83225.	26732.
TPF 95.00%	40944.	12654.	5076.4	98397.	32065.
TPF 90.00%	69609.	21860.	8531.3	0.16442E+06	55979.
TPF 85.00%	96693.	30946.	11715.	0.22434E+06	79323.
TPF 80.00%	0.12252E+06	39863.	14593.	0.28018E+06	0.10232E+06
TPF 75.00%	0.14964E+06	48021.	18165.	0.34551E+06	0.12352E+06
TPF 70.00%	0.17767E+06	56207.	21965.	0.41436E+06	0.14484E+06
TPF 65.00%	0.20683E+06	65475.	25468.	0.48272E+06	0.16857E+06
TPF 60.00%	0.23651E+06	75450.	28709.	0.54994E+06	0.19386E+06
TPF 55.00%	0.26977E+06	86631.	32342.	0.62528E+06	0.22220E+06
TPF 50.00%	0.30454E+06	97943.	36719.	0.70284E+06	0.25188E+06
TPF 45.00%	0.34216E+06	0.10976E+06	42106.	0.78543E+06	0.28403E+06
TPF 40.00%	0.38538E+06	0.12334E+06	48293.	0.88029E+06	0.32097E+06
TPF 35.00%	0.43274E+06	0.13822E+06	55074.	0.98426E+06	0.36145E+06
TPF 30.00%	0.49170E+06	0.15786E+06	61610.	0.11181E+07	0.41182E+06
TPF 25.00%	0.56224E+06	0.18221E+06	68000.	0.12815E+07	0.47209E+06
TPF 20.00%	0.65302E+06	0.21354E+06	76224.	0.14919E+07	0.54965E+06
TPF 15.00%	0.77978E+06	0.25729E+06	87706.	0.17855E+07	0.65793E+06
TPF 10.00%	0.97712E+06	0.32612E+06	0.10909E+06	0.22092E+07	0.83638E+06
TPF 5.00%	0.13374E+07	0.45283E+06	0.15324E+06	0.29335E+07	0.11766E+07
TPF 4.00%	0.14226E+07	0.48279E+06	0.16368E+06	0.31048E+07	0.12571E+07
TPF 3.00%	0.15705E+07	0.53480E+06	0.18181E+06	0.34022E+07	0.13967E+07
TPF 2.00%	0.18264E+07	0.62480E+06	0.21317E+06	0.39166E+07	0.16384E+07
TPF 1.00%	0.23371E+07	0.80439E+06	0.27575E+06	0.49433E+07	0.21206E+07
TPF 0.10%	0.75687E+07	0.26442E+07	0.91690E+06	0.15461E+08	0.70609E+07
TPF 0.00%	0.66107E+08	0.23231E+08	0.80910E+07	0.13315E+09	0.62339E+08

Rank 3 58.32% 0.23318E+06 0.24602E+06

Prob.	BOE (MBbl)	Oil (MBbl)	COil(MBbl)	Gas (MMcf)	SGas(MMcf)
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Mean	58.32%	0.23318E+06	74331.	28346.	0.54240E+06 0.19102E+06
TPF 100.00%	298.98	89.539	37.795	738.96	225.68
TPF 99.00%	6989.2	2093.1	883.53	17275.	5275.6
TPF 98.00%	10522.	3151.1	1330.1	26006.	7942.2
TPF 97.00%	13819.	4138.4	1746.9	34154.	10431.
TPF 96.00%	16885.	5056.9	2134.6	41735.	12746.
TPF 95.00%	19957.	6019.9	2515.2	49030.	15163.
TPF 90.00%	34147.	10517.	4264.9	82395.	26441.
TPF 85.00%	48272.	14959.	5951.3	0.11565E+06	38128.
TPF 80.00%	62362.	19479.	7648.7	0.14814E+06	49878.
TPF 75.00%	76759.	24209.	9402.2	0.18049E+06	61999.
TPF 70.00%	91712.	29225.	11160.	0.21357E+06	74887.
TPF 65.00%	0.10731E+06	34611.	12898.	0.24729E+06	88775.

TPF	60.00%	0.12379E+06	40303.	14736.	0.28293E+06	0.10345E+06
TPF	55.00%	0.14264E+06	45974.	17215.	0.32830E+06	0.11819E+06
TPF	50.00%	0.16261E+06	51809.	19923.	0.37737E+06	0.13339E+06
TPF	45.00%	0.18439E+06	58168.	22875.	0.43085E+06	0.14994E+06
TPF	40.00%	0.20963E+06	66414.	25773.	0.48905E+06	0.17095E+06
TPF	35.00%	0.23655E+06	75464.	28714.	0.55003E+06	0.19390E+06
TPF	30.00%	0.26942E+06	86513.	32304.	0.62448E+06	0.22190E+06
TPF	25.00%	0.30731E+06	98814.	37116.	0.70893E+06	0.25425E+06
TPF	20.00%	0.35212E+06	0.11289E+06	43532.	0.80729E+06	0.29255E+06
TPF	15.00%	0.41565E+06	0.13285E+06	52627.	0.94674E+06	0.34684E+06
TPF	10.00%	0.50796E+06	0.16347E+06	63083.	0.11558E+07	0.42572E+06
TPF	5.00%	0.68245E+06	0.22370E+06	78890.	0.15600E+07	0.57479E+06
TPF	4.00%	0.74449E+06	0.24511E+06	84509.	0.17038E+07	0.62778E+06
TPF	3.00%	0.81507E+06	0.26948E+06	90903.	0.18673E+07	0.68808E+06
TPF	2.00%	0.94090E+06	0.31338E+06	0.10465E+06	0.21363E+07	0.80218E+06
TPF	1.00%	0.12002E+07	0.40458E+06	0.13643E+06	0.26577E+07	0.10470E+07
TPF	0.10%	0.20061E+07	0.68799E+06	0.23519E+06	0.42779E+07	0.18081E+07
TPF	0.00%	0.66107E+08	0.23231E+08	0.80910E+07	0.13315E+09	0.62339E+08

Rank 4 51.44% 0.14366E+06 0.14810E+06

Prob.	BOE (MBbl)	Oil (MBbl)	COil(MBbl)	Gas (MMcf)	SGas(MMcf)
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Mean	51.44%	0.14366E+06	46272.	17353.	0.33081E+06	0.11897E+06
TPF	100.00%	298.98	89.539	37.795	738.96	225.68
TPF	99.00%	4848.4	1452.0	612.91	11983.	3659.7
TPF	98.00%	6962.3	2085.1	880.13	17208.	5255.3
TPF	97.00%	8796.2	2634.3	1112.0	21741.	6639.6
TPF	96.00%	10559.	3162.1	1334.8	26097.	7969.9
TPF	95.00%	12295.	3682.1	1554.2	30388.	9280.3
TPF	90.00%	20576.	6216.1	2591.5	50486.	15655.
TPF	85.00%	28753.	8807.0	3599.7	69711.	22153.
TPF	80.00%	37106.	11447.	4618.1	89360.	28888.
TPF	75.00%	45766.	14170.	5652.1	0.10975E+06	36054.
TPF	70.00%	54906.	17045.	6743.3	0.13127E+06	43617.
TPF	65.00%	64825.	20288.	7948.7	0.15367E+06	51952.
TPF	60.00%	75289.	23726.	9223.1	0.17719E+06	60761.
TPF	55.00%	86287.	27352.	10555.	0.20184E+06	70057.
TPF	50.00%	98983.	31736.	11970.	0.22929E+06	81362.
TPF	45.00%	0.11265E+06	36456.	13494.	0.25885E+06	93533.
TPF	40.00%	0.12726E+06	41484.	15131.	0.29054E+06	0.10650E+06
TPF	35.00%	0.14588E+06	46920.	17654.	0.33626E+06	0.12066E+06
TPF	30.00%	0.16680E+06	53033.	20491.	0.38766E+06	0.13657E+06
TPF	25.00%	0.19071E+06	60056.	23708.	0.44621E+06	0.15484E+06
TPF	20.00%	0.22226E+06	70661.	27154.	0.51767E+06	0.18172E+06
TPF	15.00%	0.26281E+06	84292.	31582.	0.60952E+06	0.21627E+06
TPF	10.00%	0.32037E+06	0.10292E+06	38986.	0.73759E+06	0.26541E+06
TPF	5.00%	0.42213E+06	0.13488E+06	53555.	0.96096E+06	0.35238E+06
TPF	4.00%	0.45231E+06	0.14436E+06	57875.	0.10272E+07	0.37817E+06
TPF	3.00%	0.50466E+06	0.16233E+06	62784.	0.11481E+07	0.42290E+06
TPF	2.00%	0.57102E+06	0.18524E+06	68795.	0.13019E+07	0.47959E+06
TPF	1.00%	0.70557E+06	0.23168E+06	80983.	0.16136E+07	0.59453E+06
TPF	0.10%	0.12472E+07	0.42110E+06	0.14218E+06	0.27521E+07	0.10914E+07
TPF	0.00%	0.66107E+08	0.23231E+08	0.80910E+07	0.13315E+09	0.62339E+08

Rank 5 42.16% 97842. 0.10078E+06

Prob.	BOE (MBbl)	Oil (MBbl)	COil(MBbl)	Gas (MMcf)	SGas(MMcf)
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Mean	42.16%	97842.	31343.	11843.	0.22683E+06 80346.
TPF 100.00%	298.98	89.539	37.795	738.96	225.68
TPF 99.00%	3542.0	1060.8	447.76	8754.5	2673.6
TPF 98.00%	5294.9	1585.7	669.35	13087.	3996.7
TPF 97.00%	6576.9	1969.7	831.41	16256.	4964.4
TPF 96.00%	7771.2	2327.3	982.38	19207.	5865.9
TPF 95.00%	8862.7	2654.2	1120.4	21905.	6689.8
TPF 90.00%	14295.	4281.0	1807.0	35331.	10790.
TPF 85.00%	19668.	5928.2	2479.5	48349.	14933.
TPF 80.00%	25096.	7648.4	3148.9	61114.	19247.
TPF 75.00%	30955.	9505.0	3871.3	74890.	23904.
TPF 70.00%	37058.	11432.	4612.4	89248.	28849.
TPF 65.00%	43499.	13457.	5381.4	0.10441E+06	34178.
TPF 60.00%	50695.	15720.	6240.5	0.12135E+06	40132.
TPF 55.00%	58278.	18137.	7151.3	0.13896E+06	46440.
TPF 50.00%	66730.	20914.	8180.7	0.15795E+06	53556.
TPF 45.00%	76163.	24013.	9329.5	0.17915E+06	61497.
TPF 40.00%	86358.	27377.	10563.	0.20199E+06	70120.
TPF 35.00%	98711.	31642.	11940.	0.22870E+06	81120.
TPF 30.00%	0.11272E+06	36481.	13502.	0.25900E+06	93596.
TPF 25.00%	0.12902E+06	41997.	15369.	0.29485E+06	0.10784E+06
TPF 20.00%	0.15080E+06	48358.	18322.	0.34835E+06	0.12440E+06
TPF 15.00%	0.17924E+06	56664.	22177.	0.41820E+06	0.14603E+06
TPF 10.00%	0.22022E+06	69975.	26930.	0.51304E+06	0.17998E+06
TPF 5.00%	0.29141E+06	93816.	34839.	0.67401E+06	0.24065E+06
TPF 4.00%	0.31690E+06	0.10183E+06	38490.	0.72998E+06	0.26244E+06
TPF 3.00%	0.34679E+06	0.11122E+06	42769.	0.79559E+06	0.28799E+06
TPF 2.00%	0.39383E+06	0.12599E+06	49504.	0.89885E+06	0.32820E+06
TPF 1.00%	0.47336E+06	0.15153E+06	59949.	0.10756E+07	0.39616E+06
TPF 0.10%	0.80253E+06	0.26515E+06	89767.	0.18382E+07	0.67737E+06
TPF 0.00%	0.66107E+08	0.23231E+08	0.80910E+07	0.13315E+09	0.62339E+08

Rank 6 31.96% 71605. 73497.

Prob.	BOE (MBbl)	Oil (MBbl)	COil(MBbl)	Gas (MMcf)	SGas(MMcf)
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Mean	31.96%	71605.	22516.	8774.4	0.16891E+06 57660.
TPF 100.00%	298.98	89.539	37.795	738.96	225.68
TPF 99.00%	2501.3	749.11	316.21	6182.4	1888.1
TPF 98.00%	4435.8	1328.4	560.75	10964.	3348.3
TPF 97.00%	5352.4	1602.9	676.62	13229.	4040.1
TPF 96.00%	6243.5	1869.8	789.27	15432.	4712.7
TPF 95.00%	7097.7	2125.6	897.25	17543.	5357.5
TPF 90.00%	10980.	3288.4	1388.1	27139.	8288.3
TPF 85.00%	14855.	4448.7	1877.8	36715.	11213.
TPF 80.00%	18801.	5653.6	2372.7	46312.	14244.
TPF 75.00%	22960.	6971.5	2885.5	56091.	17550.
TPF 70.00%	27331.	8356.6	3424.4	66368.	21023.
TPF 65.00%	32008.	9838.5	4001.0	77364.	24740.

TPF	60.00%	37101.	11446.	4617.6	89350.	28885.
TPF	55.00%	42585.	13170.	5272.2	0.10226E+06	33422.
TPF	50.00%	48765.	15113.	6010.1	0.11681E+06	38535.
TPF	45.00%	55370.	17191.	6798.7	0.13236E+06	44001.
TPF	40.00%	63234.	19766.	7754.9	0.15009E+06	50612.
TPF	35.00%	71865.	22601.	8806.1	0.16949E+06	57879.
TPF	30.00%	82106.	25966.	10053.	0.19251E+06	66500.
TPF	25.00%	94598.	30222.	11481.	0.21981E+06	77458.
TPF	20.00%	0.10984E+06	35484.	13180.	0.25276E+06	91027.
TPF	15.00%	0.12973E+06	42204.	15465.	0.29659E+06	0.10837E+06
TPF	10.00%	0.16026E+06	51122.	19604.	0.37159E+06	0.13159E+06
TPF	5.00%	0.21486E+06	68173.	26345.	0.50090E+06	0.17541E+06
TPF	4.00%	0.23180E+06	73868.	28195.	0.53928E+06	0.18985E+06
TPF	3.00%	0.25670E+06	82237.	30914.	0.59567E+06	0.21106E+06
TPF	2.00%	0.28888E+06	93022.	34477.	0.66845E+06	0.23849E+06
TPF	1.00%	0.34903E+06	0.11192E+06	43089.	0.80049E+06	0.28990E+06
TPF	0.10%	0.57602E+06	0.18697E+06	69248.	0.13134E+07	0.48386E+06
TPF	0.00%	0.66107E+08	0.23231E+08	0.80910E+07	0.13315E+09	0.62339E+08

Rank 7 22.42% 55364. 56284.

Prob.	BOE (MBbl)	Oil (MBbl)	COil(MBbl)	Gas (MMcf)	SGas(MMcf)
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Mean	22.42%	55364.	17189.	6797.9	0.13234E+06 43996.
TPF	100.00%	298.98	89.539	37.795	738.96 225.68
TPF	99.00%	1921.7	575.53	242.93	4749.8 1450.6
TPF	98.00%	3545.6	1061.8	448.21	8763.3 2676.3
TPF	97.00%	4635.2	1388.2	585.96	11457. 3498.8
TPF	96.00%	5317.4	1592.5	672.19	13143. 4013.7
TPF	95.00%	5994.3	1795.2	757.76	14816. 4524.6
TPF	90.00%	9034.3	2705.6	1142.1	22329. 6819.3
TPF	85.00%	12020.	3599.8	1519.5	29709. 9072.9
TPF	80.00%	15056.	4509.0	1903.3	37213. 11365.
TPF	75.00%	18190.	5459.8	2297.3	44874. 13758.
TPF	70.00%	21595.	6539.0	2717.2	52881. 16465.
TPF	65.00%	25069.	7639.7	3145.5	61049. 19225.
TPF	60.00%	29029.	8894.6	3633.8	70361. 22373.
TPF	55.00%	33137.	10196.	4140.3	80020. 25638.
TPF	50.00%	37868.	11687.	4709.1	91154. 29519.
TPF	45.00%	42950.	13285.	5315.9	0.10312E+06 33724.
TPF	40.00%	48893.	15154.	6025.5	0.11711E+06 38642.
TPF	35.00%	55406.	17202.	6803.0	0.13244E+06 44031.
TPF	30.00%	63460.	19840.	7782.4	0.15060E+06 50803.
TPF	25.00%	72797.	22908.	8919.6	0.17159E+06 58663.
TPF	20.00%	84365.	26708.	10328.	0.19758E+06 68402.
TPF	15.00%	0.10017E+06	32146.	12102.	0.23186E+06 82418.
TPF	10.00%	0.12256E+06	39876.	14598.	0.28026E+06 0.10235E+06
TPF	5.00%	0.16460E+06	52389.	20193.	0.38225E+06 0.13490E+06
TPF	4.00%	0.17857E+06	56470.	22087.	0.41657E+06 0.14552E+06
TPF	3.00%	0.19668E+06	62062.	24359.	0.45972E+06 0.15992E+06
TPF	2.00%	0.22349E+06	71073.	27287.	0.52044E+06 0.18276E+06
TPF	1.00%	0.27078E+06	86971.	32453.	0.62757E+06 0.22307E+06
TPF	0.10%	0.44006E+06	0.14052E+06	56122.	0.10003E+07 0.36770E+06
TPF	0.00%	0.66107E+08	0.23231E+08	0.80910E+07	0.13315E+09 0.62339E+08

Rank 8 14.62% 44682. 44751.

Prob.	BOE (MBbl)	Oil (MBbl)	COil(MBbl)	Gas (MMcf)	SGas(MMcf)
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Mean	14.62%	44682.	13830.	5522.6	0.10720E+06 35157.
TPF 100.00%	298.98	89.539	37.795	738.96	225.68
TPF 99.00%	1565.3	468.79	197.88	3868.9	1181.6
TPF 98.00%	2835.9	849.29	358.49	7009.2	2140.6
TPF 97.00%	4110.6	1231.1	519.64	10160.	3102.8
TPF 96.00%	4727.1	1415.7	597.58	11684.	3568.2
TPF 95.00%	5265.5	1576.9	665.63	13014.	3974.5
TPF 90.00%	7818.7	2341.6	988.40	19325.	5901.8
TPF 85.00%	10181.	3049.2	1287.1	25165.	7685.2
TPF 80.00%	12652.	3789.2	1599.4	31272.	9550.3
TPF 75.00%	15187.	4548.4	1919.9	37538.	11464.
TPF 70.00%	17822.	5343.2	2251.9	44008.	13466.
TPF 65.00%	20752.	6271.6	2613.2	50898.	15794.
TPF 60.00%	23787.	7233.3	2987.4	58034.	18206.
TPF 55.00%	27141.	8296.4	3401.0	65922.	20872.
TPF 50.00%	30850.	9471.5	3858.3	74642.	23820.
TPF 45.00%	34843.	10735.	4347.9	84032.	27016.
TPF 40.00%	39603.	12232.	4916.3	95240.	30955.
TPF 35.00%	44768.	13857.	5532.9	0.10740E+06	35228.
TPF 30.00%	51155.	15865.	6295.4	0.12243E+06	40513.
TPF 25.00%	58578.	18236.	7187.9	0.13963E+06	46693.
TPF 20.00%	67889.	21295.	8321.9	0.16056E+06	54532.
TPF 15.00%	80354.	25390.	9839.9	0.18857E+06	65025.
TPF 10.00%	98472.	31560.	11913.	0.22819E+06	80907.
TPF 5.00%	0.13058E+06	42453.	15581.	0.29869E+06	0.10902E+06
TPF 4.00%	0.14221E+06	45850.	17157.	0.32725E+06	0.11787E+06
TPF 3.00%	0.15638E+06	49989.	19079.	0.36207E+06	0.12865E+06
TPF 2.00%	0.17821E+06	56365.	22038.	0.41569E+06	0.14525E+06
TPF 1.00%	0.21634E+06	68670.	26506.	0.50425E+06	0.17667E+06
TPF 0.10%	0.35196E+06	0.11284E+06	43509.	0.80694E+06	0.29241E+06
TPF 0.00%	0.66107E+08	0.23231E+08	0.80910E+07	0.13315E+09	0.62339E+08

Rank 9 8.91% 37298. 36675.

Prob.	BOE (MBbl)	Oil (MBbl)	COil(MBbl)	Gas (MMcf)	SGas(MMcf)
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Mean	8.91%	37298.	11507.	4641.1	89813. 29047.
TPF 100.00%	298.98	89.539	37.795	738.96	225.68
TPF 99.00%	1329.3	398.09	168.04	3285.5	1003.4
TPF 98.00%	2364.6	708.16	298.92	5844.4	1784.9
TPF 97.00%	3405.1	1019.8	430.45	8416.1	2570.2
TPF 96.00%	4333.3	1297.8	547.80	10710.	3270.9
TPF 95.00%	4774.2	1429.8	603.52	11800.	3603.7
TPF 90.00%	6945.6	2080.1	878.02	17167.	5242.7
TPF 85.00%	8940.9	2677.7	1130.3	22099.	6748.8
TPF 80.00%	10987.	3290.4	1388.9	27155.	8293.1
TPF 75.00%	13123.	3930.2	1658.9	32435.	9905.7
TPF 70.00%	15338.	4593.4	1938.9	37909.	11577.
TPF 65.00%	17655.	5290.3	2231.3	43616.	13333.

TPF	60.00%	20275.	6120.6	2554.4	49777.	15416.
TPF	55.00%	23024.	6991.6	2893.3	56240.	17600.
TPF	50.00%	25995.	7933.0	3259.6	63226.	19961.
TPF	45.00%	29451.	9028.3	3685.8	71353.	22708.
TPF	40.00%	33150.	10201.	4142.0	80052.	25648.
TPF	35.00%	37598.	11602.	4676.9	90519.	29295.
TPF	30.00%	42636.	13186.	5278.4	0.10238E+06	33464.
TPF	25.00%	48864.	15145.	6021.9	0.11704E+06	38617.
TPF	20.00%	56329.	17497.	6914.0	0.13458E+06	44799.
TPF	15.00%	66619.	20878.	8167.2	0.15770E+06	53463.
TPF	10.00%	81376.	25726.	9964.4	0.19087E+06	65886.
TPF	5.00%	0.10793E+06	34825.	12967.	0.24863E+06	89327.
TPF	4.00%	0.11693E+06	37935.	13971.	0.26811E+06	97347.
TPF	3.00%	0.12810E+06	41729.	15245.	0.29260E+06	0.10714E+06
TPF	2.00%	0.14619E+06	47011.	17696.	0.33702E+06	0.12089E+06
TPF	1.00%	0.17740E+06	56129.	21928.	0.41370E+06	0.14463E+06
TPF	0.10%	0.28984E+06	93326.	34615.	0.67058E+06	0.23931E+06
TPF	0.00%	0.66107E+08	0.23231E+08	0.80910E+07	0.13315E+09	0.62339E+08

Rank 10 5.11% 31977. 30814.

	Prob.	BOE (MBbl)	Oil (MBbl)	COil(MBbl)	Gas (MMcf)	SGas(MMcf)
	-----	-----	-----	-----	-----	-----
Mean	5.11%	31977.	9828.8	3997.3	77292.	24716.
TPF	100.00%	298.98	89.539	37.795	738.96	225.68
TPF	99.00%	1163.7	348.51	147.11	2876.2	878.38
TPF	98.00%	2033.6	609.02	257.07	5026.2	1535.0
TPF	97.00%	2908.7	871.10	367.70	7189.2	2195.5
TPF	96.00%	3789.2	1134.8	479.00	9365.4	2860.2
TPF	95.00%	4427.4	1325.9	559.69	10943.	3341.9
TPF	90.00%	6295.6	1885.4	795.85	15560.	4752.0
TPF	85.00%	8064.8	2415.3	1019.5	19933.	6087.5
TPF	80.00%	9791.0	2932.2	1237.7	24200.	7390.5
TPF	75.00%	11620.	3479.9	1468.9	28720.	8770.9
TPF	70.00%	13534.	4053.2	1710.9	33451.	10216.
TPF	65.00%	15537.	4653.0	1964.1	38401.	11728.
TPF	60.00%	17654.	5290.1	2231.2	43614.	13333.
TPF	55.00%	20073.	6056.4	2529.4	49301.	15255.
TPF	50.00%	22639.	6869.8	2845.9	55336.	17294.
TPF	45.00%	25387.	7740.6	3184.7	61798.	19479.
TPF	40.00%	28706.	8792.3	3594.0	69601.	22116.
TPF	35.00%	32320.	9937.6	4039.6	78100.	24989.
TPF	30.00%	36632.	11298.	4561.5	88244.	28496.
TPF	25.00%	41788.	12920.	5177.2	0.10038E+06	32763.
TPF	20.00%	48270.	14958.	5951.0	0.11564E+06	38126.
TPF	15.00%	56607.	17588.	6947.8	0.13520E+06	45034.
TPF	10.00%	68994.	21658.	8456.5	0.16304E+06	55462.
TPF	5.00%	91469.	29142.	11132.	0.21304E+06	74671.
TPF	4.00%	98957.	31728.	11967.	0.22924E+06	81339.
TPF	3.00%	0.10869E+06	35087.	13052.	0.25027E+06	90002.
TPF	2.00%	0.12270E+06	39926.	14614.	0.28057E+06	0.10248E+06
TPF	1.00%	0.14888E+06	47797.	18061.	0.34363E+06	0.12294E+06
TPF	0.10%	0.24477E+06	78226.	29611.	0.56864E+06	0.20090E+06
TPF	0.00%	0.66107E+08	0.23231E+08	0.80910E+07	0.13315E+09	0.62339E+08

Rank 11 2.77% 28005. 26431.

Prob.	BOE (MBbl)	Oil (MBbl)	COil(MBbl)	Gas (MMcf)	SGas(MMcf)	
----	-----	-----	-----	-----	-----	
Mean	2.77%	28005.	8570.2	3507.6	67954.	21559.
TPF 100.00%	298.98	89.539	37.795	738.96	225.68	
TPF 99.00%	1042.2	312.13	131.75	2576.0	786.71	
TPF 98.00%	1790.5	536.22	226.34	4425.4	1351.5	
TPF 97.00%	2543.8	761.83	321.57	6287.4	1920.1	
TPF 96.00%	3302.3	988.99	417.46	8162.1	2492.7	
TPF 95.00%	4066.1	1217.7	514.01	10050.	3069.2	
TPF 90.00%	5808.3	1739.5	734.25	14356.	4384.2	
TPF 85.00%	7408.3	2218.7	936.52	18311.	5592.0	
TPF 80.00%	8904.1	2666.6	1125.6	22008.	6721.0	
TPF 75.00%	10488.	3140.9	1325.8	25922.	7916.4	
TPF 70.00%	12168.	3644.2	1538.2	30075.	9184.9	
TPF 65.00%	13934.	4172.9	1761.4	34439.	10517.	
TPF 60.00%	15796.	4730.7	1996.8	39042.	11923.	
TPF 55.00%	17796.	5335.0	2248.7	43948.	13445.	
TPF 50.00%	20090.	6061.8	2531.5	49341.	15268.	
TPF 45.00%	22553.	6842.4	2835.2	55133.	17226.	
TPF 40.00%	25221.	7687.9	3164.2	61406.	19346.	
TPF 35.00%	28487.	8722.8	3566.9	69086.	21942.	
TPF 30.00%	32130.	9877.3	4016.1	77652.	24837.	
TPF 25.00%	36566.	11277.	4553.7	88091.	28442.	
TPF 20.00%	42076.	13010.	5211.6	0.10106E+06	33001.	
TPF 15.00%	49435.	15324.	6090.1	0.11839E+06	39090.	
TPF 10.00%	60022.	18711.	7363.8	0.14288E+06	47909.	
TPF 5.00%	79079.	24971.	9684.6	0.18570E+06	63952.	
TPF 4.00%	85118.	26956.	10420.	0.19928E+06	69036.	
TPF 3.00%	93900.	29981.	11404.	0.21830E+06	76836.	
TPF 2.00%	0.10576E+06	34077.	12726.	0.24395E+06	87397.	
TPF 1.00%	0.12693E+06	41386.	15085.	0.28972E+06	0.10625E+06	
TPF 0.10%	0.20968E+06	66433.	25780.	0.48918E+06	0.17100E+06	
TPF 0.00%	0.66107E+08	0.23231E+08	0.80910E+07	0.13315E+09	0.62339E+08	

Rank 12 1.43% 24952. 23067.

Prob.	BOE (MBbl)	Oil (MBbl)	COil(MBbl)	Gas (MMcf)	SGas(MMcf)	
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Mean	1.43%	24952.	7602.7	3131.1	60774.	19133.
TPF 100.00%	298.98	89.539	37.795	738.96	225.68	
TPF 99.00%	949.94	284.49	120.09	2347.9	717.04	
TPF 98.00%	1605.6	480.86	202.97	3968.5	1212.0	
TPF 97.00%	2266.1	678.66	286.47	5601.0	1710.5	
TPF 96.00%	2931.5	877.93	370.58	7245.6	2212.8	
TPF 95.00%	3601.9	1078.7	455.33	8902.5	2718.8	
TPF 90.00%	5415.8	1622.0	684.64	13386.	4088.0	
TPF 85.00%	6851.3	2051.8	866.10	16934.	5171.5	
TPF 80.00%	8230.4	2464.9	1040.4	20343.	6212.5	
TPF 75.00%	9621.4	2881.5	1216.3	23781.	7262.5	
TPF 70.00%	11106.	3326.0	1403.9	27450.	8383.0	
TPF 65.00%	12681.	3797.8	1603.1	31343.	9572.1	

TPF	60.00%	14349.	4297.2	1813.9	35464.	10831.
TPF	55.00%	16123.	4828.4	2038.1	39849.	12170.
TPF	50.00%	18069.	5421.5	2282.3	44589.	13662.
TPF	45.00%	20298.	6127.9	2557.2	49831.	15434.
TPF	40.00%	22723.	6896.3	2856.2	55533.	17361.
TPF	35.00%	25396.	7743.4	3185.8	61818.	19485.
TPF	30.00%	28737.	8802.2	3597.8	69675.	22141.
TPF	25.00%	32539.	10007.	4066.6	78614.	25162.
TPF	20.00%	37407.	11542.	4654.1	90069.	29138.
TPF	15.00%	43639.	13502.	5398.1	0.10474E+06	34294.
TPF	10.00%	52964.	16434.	6511.4	0.12669E+06	42010.
TPF	5.00%	69333.	21769.	8497.7	0.16380E+06	55747.
TPF	4.00%	75089.	23661.	9198.7	0.17674E+06	60593.
TPF	3.00%	82235.	26008.	10069.	0.19280E+06	66609.
TPF	2.00%	92930.	29646.	11295.	0.21620E+06	75972.
TPF	1.00%	0.11164E+06	36109.	13382.	0.25667E+06	92637.
TPF	0.10%	0.18173E+06	57393.	22515.	0.42433E+06	0.14792E+06
TPF	0.00%	0.66107E+08	0.23231E+08	0.80910E+07	0.13315E+09	0.62339E+08

Rank 13 0.70% 22545. 20424.

Prob.	BOE (MBbl)	Oil (MBbl)	COil(MBbl)	Gas (MMcf)	SGas(MMcf)	
-----	-----	-----	-----	-----	-----	
Mean	0.70%	22545.	6839.8	2834.2	55113.	17219.
TPF	100.00%	298.98	89.539	37.795	738.96	225.68
TPF	99.00%	877.76	262.88	110.96	2169.5	662.56
TPF	98.00%	1461.0	437.54	184.69	3611.0	1102.8
TPF	97.00%	2048.7	613.55	258.99	5063.6	1546.4
TPF	96.00%	2641.0	790.94	333.86	6527.6	1993.5
TPF	95.00%	3238.0	969.74	409.33	8003.2	2444.1
TPF	90.00%	5107.4	1529.6	645.65	12624.	3855.2
TPF	85.00%	6412.2	1920.3	810.59	15849.	4840.1
TPF	80.00%	7698.4	2305.6	973.19	19028.	5811.0
TPF	75.00%	8937.0	2676.5	1129.8	22089.	6745.9
TPF	70.00%	10261.	3072.9	1297.1	25361.	7745.1
TPF	65.00%	11681.	3498.3	1476.7	28872.	8817.3
TPF	60.00%	13189.	3949.9	1667.3	32598.	9955.3
TPF	55.00%	14797.	4431.5	1870.6	36573.	11169.
TPF	50.00%	16523.	4948.4	2088.8	40839.	12472.
TPF	45.00%	18470.	5548.7	2331.9	45533.	13981.
TPF	40.00%	20689.	6251.7	2605.4	50750.	15744.
TPF	35.00%	23137.	7027.6	2907.3	56507.	17690.
TPF	30.00%	25946.	7917.7	3253.6	63112.	19923.
TPF	25.00%	29465.	9032.7	3687.5	71385.	22719.
TPF	20.00%	33599.	10343.	4197.3	81107.	26005.
TPF	15.00%	39344.	12151.	4885.4	94630.	30740.
TPF	10.00%	47461.	14704.	5854.5	0.11374E+06	37457.
TPF	5.00%	62086.	19389.	7615.2	0.14752E+06	49646.
TPF	4.00%	66857.	20956.	8196.2	0.15824E+06	53663.
TPF	3.00%	73270.	23063.	8977.2	0.17265E+06	59062.
TPF	2.00%	82428.	26072.	10093.	0.19323E+06	66772.
TPF	1.00%	99021.	31750.	11974.	0.22937E+06	81396.
TPF	0.10%	0.15982E+06	50992.	19544.	0.37050E+06	0.13126E+06
TPF	0.00%	0.66107E+08	0.23231E+08	0.80910E+07	0.13315E+09	0.62339E+08

Rank 14 0.33% 20604. 18300.

Prob.	BOE (MBbl)	Oil (MBbl)	COil(MBbl)	Gas (MMcf)	SGas(MMcf)	
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Mean	0.33%	20604.	6224.7	2594.9	50550.	15677.
TPF 100.00%	298.98	89.539	37.795	738.96	225.68	
TPF 99.00%	819.98	245.57	103.66	2026.7	618.94	
TPF 98.00%	1345.1	402.84	170.04	3324.7	1015.3	
TPF 97.00%	1874.5	561.38	236.96	4633.1	1414.9	
TPF 96.00%	2408.2	721.21	304.43	5952.1	1817.8	
TPF 95.00%	2946.3	882.35	372.45	7282.0	2223.9	
TPF 90.00%	4859.5	1455.3	614.31	12011.	3668.1	
TPF 85.00%	6058.5	1814.4	765.88	14974.	4573.1	
TPF 80.00%	7247.3	2170.4	916.16	17913.	5470.4	
TPF 75.00%	8390.8	2512.9	1060.7	20739.	6333.6	
TPF 70.00%	9585.6	2870.7	1211.8	23692.	7235.4	
TPF 65.00%	10868.	3254.7	1373.8	26861.	8203.2	
TPF 60.00%	12243.	3666.5	1547.7	30259.	9241.1	
TPF 55.00%	13713.	4106.7	1733.5	33892.	10351.	
TPF 50.00%	15294.	4580.2	1933.3	37800.	11544.	
TPF 45.00%	17008.	5093.5	2150.0	42036.	12838.	
TPF 40.00%	19007.	5718.8	2398.0	46796.	14408.	
TPF 35.00%	21268.	6435.1	2676.8	52111.	16204.	
TPF 30.00%	23807.	7240.0	2989.9	58083.	18223.	
TPF 25.00%	26889.	8216.4	3369.9	65328.	20672.	
TPF 20.00%	30746.	9438.8	3845.5	74398.	23738.	
TPF 15.00%	35700.	11005.	4450.3	86050.	27725.	
TPF 10.00%	42954.	13286.	5316.4	0.10313E+06	33728.	
TPF 5.00%	55820.	17332.	6852.4	0.13342E+06	44373.	
TPF 4.00%	60355.	18820.	7404.4	0.14363E+06	48189.	
TPF 3.00%	66011.	20678.	8093.2	0.15634E+06	52951.	
TPF 2.00%	74232.	23379.	9094.4	0.17481E+06	59872.	
TPF 1.00%	88671.	28175.	10821.	0.20699E+06	72179.	
TPF 0.10%	0.14235E+06	45891.	17176.	0.32760E+06	0.11798E+06	
TPF 0.00%	0.66107E+08	0.23231E+08	0.80910E+07	0.13315E+09	0.62339E+08	

Rank 15 0.15% 19006. 16557.

Prob.	BOE (MBbl)	Oil (MBbl)	COil(MBbl)	Gas (MMcf)	SGas(MMcf)	
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Mean	0.15%	19006.	5718.3	2397.9	46792.	14407.
TPF 100.00%	298.98	89.539	37.795	738.96	225.68	
TPF 99.00%	772.77	231.43	97.689	1910.0	583.31	
TPF 98.00%	1250.4	374.49	158.07	3090.6	943.86	
TPF 97.00%	1732.1	518.73	218.96	4281.1	1307.4	
TPF 96.00%	2217.7	664.18	280.35	5481.4	1674.0	
TPF 95.00%	2707.5	810.86	342.27	6692.0	2043.7	
TPF 90.00%	4656.4	1394.5	588.63	11509.	3514.7	
TPF 85.00%	5759.1	1724.8	728.04	14234.	4347.1	
TPF 80.00%	6853.8	2052.6	866.42	16940.	5173.5	
TPF 75.00%	7941.6	2378.4	1003.9	19629.	5994.5	
TPF 70.00%	9027.9	2703.7	1141.3	22314.	6814.5	
TPF 65.00%	10196.	3053.4	1288.9	25200.	7695.9	

TPF	60.00%	11458.	3431.4	1448.4	28319.	8648.6
TPF	55.00%	12811.	3836.5	1619.4	31663.	9669.7
TPF	50.00%	14268.	4273.2	1803.7	35266.	10770.
TPF	45.00%	15852.	4747.3	2003.9	39180.	11965.
TPF	40.00%	17597.	5271.8	2224.1	43479.	13287.
TPF	35.00%	19694.	5936.5	2482.7	48411.	14954.
TPF	30.00%	22057.	6685.1	2774.0	53966.	16831.
TPF	25.00%	24773.	7545.9	3109.0	60353.	18990.
TPF	20.00%	28313.	8667.7	3545.5	68677.	21804.
TPF	15.00%	32778.	10083.	4096.0	79176.	25352.
TPF	10.00%	39419.	12174.	4894.3	94806.	30802.
TPF	5.00%	51090.	15845.	6287.7	0.12228E+06	40460.
TPF	4.00%	54824.	17019.	6733.5	0.13107E+06	43550.
TPF	3.00%	60046.	18718.	7366.7	0.14293E+06	47929.
TPF	2.00%	67314.	21106.	8251.8	0.15926E+06	54047.
TPF	1.00%	80367.	25395.	9841.6	0.18860E+06	65037.
TPF	0.10%	0.12685E+06	41358.	15076.	0.28954E+06	0.10617E+06
TPF	0.00%	0.66107E+08	0.23231E+08	0.80910E+07	0.13315E+09	0.62339E+08

Rank 16 0.07% 17661. 15088.

Prob.	BOE (MBbl)	Oil (MBbl)	COil(MBbl)	Gas (MMcf)	SGas(MMcf)	
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Mean	0.07%	17661.	5292.1	2232.0	43630.	13338.
TPF	100.00%	298.98	89.539	37.795	738.96	225.68
TPF	99.00%	733.44	219.65	92.718	1812.8	553.62
TPF	98.00%	1171.6	350.86	148.10	2895.6	884.32
TPF	97.00%	1613.4	483.18	203.95	3987.7	1217.8
TPF	96.00%	2059.0	616.64	260.29	5089.1	1554.2
TPF	95.00%	2508.5	751.25	317.11	6200.0	1893.5
TPF	90.00%	4486.7	1343.7	567.18	11089.	3386.7
TPF	85.00%	5500.4	1647.3	695.32	13595.	4151.8
TPF	80.00%	6524.3	1953.9	824.76	16126.	4924.7
TPF	75.00%	7564.7	2265.5	956.29	18697.	5710.1
TPF	70.00%	8563.9	2564.8	1082.6	21167.	6464.3
TPF	65.00%	9637.3	2886.2	1218.3	23820.	7274.5
TPF	60.00%	10795.	3233.0	1364.7	26682.	8148.5
TPF	55.00%	12048.	3608.1	1523.0	29777.	9093.9
TPF	50.00%	13399.	4012.9	1693.9	33118.	10114.
TPF	45.00%	14870.	4453.2	1879.7	36752.	11224.
TPF	40.00%	16484.	4936.7	2083.8	40742.	12443.
TPF	35.00%	18349.	5510.2	2316.9	45248.	13885.
TPF	30.00%	20555.	6209.2	2588.9	50435.	15638.
TPF	25.00%	23097.	7014.7	2902.3	56411.	17658.
TPF	20.00%	26207.	8000.5	3285.9	63726.	20130.
TPF	15.00%	30409.	9331.8	3803.9	73605.	23469.
TPF	10.00%	36315.	11198.	4523.8	87500.	28234.
TPF	5.00%	46880.	14521.	5785.1	0.11237E+06	36976.
TPF	4.00%	50440.	15640.	6210.1	0.12075E+06	39921.
TPF	3.00%	54871.	17034.	6739.2	0.13118E+06	43589.
TPF	2.00%	61645.	19244.	7561.4	0.14652E+06	49275.
TPF	1.00%	73237.	23052.	8973.2	0.17257E+06	59034.
TPF	0.10%	0.11533E+06	37380.	13792.	0.26463E+06	95916.
TPF	0.00%	0.66107E+08	0.23231E+08	0.80910E+07	0.13315E+09	0.62339E+08

Rank 17 0.03% 16498. 13812.

Prob.	BOE (MBbl)	Oil (MBbl)	COil(MBbl)	Gas (MMcf)	SGas(MMcf)	
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Mean	0.03%	16498.	4940.9	2085.6	40777.	12453.
TPF	100.00%	298.98	89.539	37.795	738.96	225.68
TPF	99.00%	700.00	209.64	88.490	1730.1	528.38
TPF	98.00%	1104.4	330.76	139.62	2729.8	833.66
TPF	97.00%	1512.4	452.93	191.19	3738.0	1141.6
TPF	96.00%	1923.9	576.17	243.21	4755.1	1452.2
TPF	95.00%	2339.0	700.49	295.68	5781.2	1765.5
TPF	90.00%	4342.1	1300.4	548.90	10732.	3277.5
TPF	85.00%	5279.4	1581.1	667.40	13049.	3985.1
TPF	80.00%	6242.5	1869.5	789.14	15429.	4712.0
TPF	75.00%	7217.4	2161.5	912.38	17839.	5447.8
TPF	70.00%	8168.4	2446.3	1032.6	20189.	6165.7
TPF	65.00%	9157.6	2742.5	1157.6	22634.	6912.4
TPF	60.00%	10226.	3062.4	1292.7	25274.	7718.6
TPF	55.00%	11390.	3411.0	1439.8	28151.	8597.1
TPF	50.00%	12648.	3787.8	1598.9	31261.	9547.0
TPF	45.00%	14018.	4198.2	1772.1	34648.	10581.
TPF	40.00%	15525.	4649.4	1962.6	38372.	11719.
TPF	35.00%	17202.	5151.6	2174.5	42516.	12984.
TPF	30.00%	19241.	5792.8	2426.8	47345.	14593.
TPF	25.00%	21623.	6547.9	2720.6	52948.	16487.
TPF	20.00%	24456.	7445.5	3069.9	59608.	18738.
TPF	15.00%	28302.	8664.1	3544.1	68651.	21795.
TPF	10.00%	33611.	10347.	4198.8	81135.	26015.
TPF	5.00%	43210.	13367.	5346.9	0.10373E+06	33939.
TPF	4.00%	46424.	14377.	5730.7	0.11130E+06	36599.
TPF	3.00%	50640.	15703.	6234.0	0.12122E+06	40087.
TPF	2.00%	56382.	17515.	6920.4	0.13470E+06	44844.
TPF	1.00%	66977.	20996.	8210.8	0.15851E+06	53764.
TPF	0.10%	0.10424E+06	33550.	12556.	0.24065E+06	86039.
TPF	0.00%	0.66107E+08	0.23231E+08	0.80910E+07	0.13315E+09	0.62339E+08

Rank 18 0.01% 15455. 12655.

Prob.	BOE (MBbl)	Oil (MBbl)	COil(MBbl)	Gas (MMcf)	SGas(MMcf)	
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Mean	0.01%	15455.	4628.6	1953.8	38200.	11666.
TPF	100.00%	298.98	89.539	37.795	738.96	225.68
TPF	99.00%	670.79	200.89	84.797	1657.9	506.33
TPF	98.00%	1045.8	313.20	132.21	2584.9	789.41
TPF	97.00%	1424.1	426.50	180.03	3519.9	1075.0
TPF	96.00%	1805.8	540.80	228.28	4463.2	1363.0
TPF	95.00%	2190.8	656.12	276.95	5414.9	1653.7
TPF	90.00%	4169.7	1248.8	527.11	10306.	3147.4
TPF	85.00%	5085.7	1523.1	642.91	12570.	3838.8
TPF	80.00%	5995.0	1795.4	757.86	14817.	4525.2
TPF	75.00%	6901.2	2066.8	872.41	17057.	5209.2
TPF	70.00%	7819.8	2341.9	988.53	19328.	5902.6
TPF	65.00%	8735.9	2616.3	1104.3	21592.	6594.1

TPF	60.00%	9728.8	2913.6	1229.9	24046.	7343.5
TPF	55.00%	10806.	3236.1	1366.0	26708.	8156.4
TPF	50.00%	11980.	3587.7	1514.4	29609.	9042.4
TPF	45.00%	13259.	3970.8	1676.1	32771.	10008.
TPF	40.00%	14666.	4392.3	1854.0	36250.	11071.
TPF	35.00%	16234.	4861.9	2052.2	40125.	12254.
TPF	30.00%	18055.	5417.0	2280.6	44556.	13651.
TPF	25.00%	20287.	6124.4	2555.9	49805.	15425.
TPF	20.00%	22943.	6966.1	2883.4	56051.	17536.
TPF	15.00%	26362.	8049.4	3304.9	64089.	20253.
TPF	10.00%	31354.	9631.4	3920.5	75828.	24221.
TPF	5.00%	40058.	12375.	4970.6	96310.	31331.
TPF	4.00%	42825.	13246.	5301.0	0.10283E+06	33621.
TPF	3.00%	46586.	14428.	5750.0	0.11168E+06	36733.
TPF	2.00%	51971.	16122.	6392.9	0.12436E+06	41189.
TPF	1.00%	61369.	19153.	7527.8	0.14590E+06	49043.
TPF	0.10%	94723.	30265.	11495.	0.22008E+06	77568.
TPF	0.00%	0.66107E+08	0.23231E+08	0.80910E+07	0.13315E+09	0.62339E+08

Rank 19 0.00% 14467. 11550.

	Prob.	BOE (MBbl)	Oil (MBbl)	COil(MBbl)	Gas (MMcf)	SGas(MMcf)
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Mean	0.00%	14467.	4332.7	1828.9	35757.	10920.
TPF	100.00%	298.98	89.539	37.795	738.96	225.68
TPF	99.00%	644.21	192.93	81.438	1592.3	486.27
TPF	98.00%	992.46	297.23	125.46	2453.0	749.14
TPF	97.00%	1343.8	402.44	169.87	3321.3	1014.3
TPF	96.00%	1698.2	508.59	214.68	4197.4	1281.9
TPF	95.00%	2055.9	615.69	259.89	5081.3	1551.8
TPF	90.00%	3894.1	1166.2	492.27	9624.8	2939.4
TPF	85.00%	4908.6	1470.0	620.51	12132.	3705.1
TPF	80.00%	5759.3	1724.8	728.05	14235.	4347.2
TPF	75.00%	6610.8	1979.8	835.70	16339.	4990.0
TPF	70.00%	7498.7	2245.7	947.94	18534.	5660.2
TPF	65.00%	8351.0	2501.0	1055.7	20641.	6303.6
TPF	60.00%	9268.5	2775.7	1171.7	22908.	6996.1
TPF	55.00%	10263.	3073.7	1297.4	25367.	7746.9
TPF	50.00%	11356.	3400.9	1435.5	28067.	8571.7
TPF	45.00%	12547.	3757.7	1586.1	31012.	9470.9
TPF	40.00%	13858.	4150.3	1751.9	34252.	10461.
TPF	35.00%	15319.	4587.7	1936.5	37862.	11563.
TPF	30.00%	16971.	5082.6	2145.4	41947.	12810.
TPF	25.00%	19005.	5718.2	2397.8	46791.	14406.
TPF	20.00%	21480.	6502.6	2703.0	52611.	16374.
TPF	15.00%	24562.	7479.2	3083.0	59858.	18823.
TPF	10.00%	29122.	8924.2	3645.3	70580.	22447.
TPF	5.00%	36892.	11380.	4592.6	88857.	28711.
TPF	4.00%	39483.	12194.	4901.9	94956.	30855.
TPF	3.00%	42722.	13213.	5288.6	0.10258E+06	33535.
TPF	2.00%	47539.	14728.	5863.8	0.11392E+06	37521.
TPF	1.00%	55675.	17287.	6835.2	0.13308E+06	44254.
TPF	0.10%	84980.	26910.	10403.	0.19897E+06	68920.
TPF	0.00%	0.66107E+08	0.23231E+08	0.80910E+07	0.13315E+09	0.62339E+08

Rank 20 0.00% 13452. 10425.

Prob.	BOE (MBbl)	Oil (MBbl)	COil(MBbl)	Gas (MMcf)	SGas(MMcf)	
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Mean	0.00%	13452.	4028.6	1700.5	33248.	10154.
TPF	100.00%	298.98	89.539	37.795	738.96	225.68
TPF	99.00%	618.19	185.14	78.148	1527.9	466.63
TPF	98.00%	940.17	281.57	118.85	2323.8	709.67
TPF	97.00%	1265.0	378.84	159.91	3126.6	954.85
TPF	96.00%	1592.7	476.99	201.34	3936.6	1202.2
TPF	95.00%	1923.3	576.01	243.14	4753.8	1451.8
TPF	90.00%	3622.7	1084.9	457.96	8954.1	2734.5
TPF	85.00%	4733.5	1417.6	598.39	11700.	3573.0
TPF	80.00%	5519.7	1653.0	697.76	13643.	4166.4
TPF	75.00%	6321.8	1893.3	799.16	15625.	4771.8
TPF	70.00%	7145.9	2140.1	903.34	17662.	5393.9
TPF	65.00%	7964.7	2385.3	1006.9	19686.	6012.0
TPF	60.00%	8805.1	2637.0	1113.1	21763.	6646.3
TPF	55.00%	9721.7	2911.5	1229.0	24028.	7338.2
TPF	50.00%	10720.	3210.5	1355.2	26496.	8091.9
TPF	45.00%	11818.	3539.2	1493.9	29209.	8920.3
TPF	40.00%	13025.	3900.7	1646.5	32192.	9831.3
TPF	35.00%	14368.	4303.0	1816.3	35513.	10845.
TPF	30.00%	15887.	4758.0	2008.4	39268.	11992.
TPF	25.00%	17656.	5290.6	2231.4	43618.	13334.
TPF	20.00%	19929.	6011.0	2511.7	48963.	15141.
TPF	15.00%	22760.	6907.9	2860.7	55619.	17390.
TPF	10.00%	26723.	8163.8	3349.4	64938.	20540.
TPF	5.00%	33559.	10330.	4192.3	81013.	25973.
TPF	4.00%	35867.	11057.	4470.2	86443.	27863.
TPF	3.00%	38870.	12002.	4828.8	93515.	30349.
TPF	2.00%	42950.	13285.	5315.9	0.10312E+06	33724.
TPF	1.00%	50355.	15614.	6200.0	0.12055E+06	39852.
TPF	0.10%	76127.	24002.	9325.1	0.17907E+06	61467.
TPF	0.00%	0.66107E+08	0.23231E+08	0.80910E+07	0.13315E+09	0.62339E+08

Rank 21 0.00% 12294. 9214.8

Prob.	BOE (MBbl)	Oil (MBbl)	COil(MBbl)	Gas (MMcf)	SGas(MMcf)	
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Mean	0.00%	12294.	3681.9	1554.1	30386.	9279.9
TPF	100.00%	298.98	89.539	37.795	738.96	225.68
TPF	99.00%	588.87	176.36	74.442	1455.5	444.49
TPF	98.00%	881.23	263.91	111.40	2178.1	665.17
TPF	97.00%	1176.1	352.22	148.68	2906.9	887.75
TPF	96.00%	1473.5	441.29	186.27	3642.0	1112.3
TPF	95.00%	1773.5	531.15	224.20	4383.5	1338.7
TPF	90.00%	3314.5	992.64	419.00	8192.2	2501.9
TPF	85.00%	4533.8	1357.8	573.13	11206.	3422.2
TPF	80.00%	5244.8	1570.7	663.02	12963.	3958.9
TPF	75.00%	5988.5	1793.5	757.03	14801.	4520.3
TPF	70.00%	6731.9	2016.1	851.01	16639.	5081.4
TPF	65.00%	7514.8	2250.6	949.98	18574.	5672.4

TPF	60.00%	8270.8	2477.0	1045.5	20442.	6243.0
TPF	55.00%	9085.3	2720.9	1148.5	22455.	6857.8
TPF	50.00%	9975.0	2987.3	1261.0	24654.	7529.4
TPF	45.00%	10954.	3280.5	1384.7	27074.	8268.2
TPF	40.00%	12034.	3604.1	1521.3	29745.	9083.9
TPF	35.00%	13237.	3964.2	1673.3	32716.	9991.4
TPF	30.00%	14596.	4371.2	1845.1	36075.	11017.
TPF	25.00%	16165.	4841.3	2043.5	39955.	12202.
TPF	20.00%	18084.	5426.1	2284.2	44624.	13674.
TPF	15.00%	20623.	6230.9	2597.3	50596.	15692.
TPF	10.00%	24056.	7318.7	3020.6	58667.	18420.
TPF	5.00%	30098.	9233.4	3765.6	72874.	23222.
TPF	4.00%	32002.	9836.6	4000.3	77351.	24735.
TPF	3.00%	34432.	10606.	4298.9	83065.	26676.
TPF	2.00%	38188.	11787.	4747.3	91907.	29784.
TPF	1.00%	44310.	13713.	5478.2	0.10632E+06	34849.
TPF	0.10%	66717.	20910.	8179.2	0.15792E+06	53545.
TPF	0.00%	0.66107E+08	0.23231E+08	0.80910E+07	0.13315E+09	0.62339E+08

Rank 22 0.00% 10825. 7866.6

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

Mean	0.00%	10825.	3242.0	1368.5	26756.	8171.2
TPF	100.00%	298.98	89.539	37.795	738.96	225.68
TPF	99.00%	547.44	163.95	69.204	1353.1	413.22
TPF	98.00%	797.84	238.94	100.86	1972.0	602.23
TPF	97.00%	1050.2	314.53	132.76	2595.8	792.74
TPF	96.00%	1304.6	390.72	164.93	3224.6	984.78
TPF	95.00%	1561.1	467.53	197.35	3858.5	1178.4
TPF	90.00%	2876.2	861.39	363.60	7109.0	2171.1
TPF	85.00%	4249.3	1272.6	537.17	10503.	3207.5
TPF	80.00%	4853.3	1453.5	613.53	11996.	3663.4
TPF	75.00%	5488.7	1643.8	693.85	13566.	4143.0
TPF	70.00%	6144.0	1840.0	776.69	15186.	4637.6
TPF	65.00%	6812.0	2040.1	861.13	16837.	5141.9
TPF	60.00%	7517.6	2251.4	950.33	18581.	5674.5
TPF	55.00%	8203.8	2456.9	1037.1	20277.	6192.4
TPF	50.00%	8946.5	2679.3	1131.0	22112.	6753.0
TPF	45.00%	9767.5	2925.2	1234.7	24142.	7372.7
TPF	40.00%	10678.	3197.8	1349.8	26391.	8059.7
TPF	35.00%	11702.	3504.4	1479.2	28922.	8832.6
TPF	30.00%	12863.	3852.2	1626.0	31792.	9709.1
TPF	25.00%	14210.	4255.5	1796.3	35121.	10726.
TPF	20.00%	15822.	4738.3	2000.1	39105.	11943.
TPF	15.00%	17878.	5361.1	2258.9	44142.	13511.
TPF	10.00%	20886.	6314.3	2629.8	51214.	15901.
TPF	5.00%	25847.	7886.3	3241.4	62879.	19844.
TPF	4.00%	27556.	8427.9	3452.2	66898.	21202.
TPF	3.00%	29718.	9112.9	3718.7	71980.	22920.
TPF	2.00%	32689.	10054.	4085.0	78966.	25282.
TPF	1.00%	38090.	11757.	4735.6	91678.	29703.
TPF	0.10%	56869.	17675.	6979.7	0.13579E+06	45254.
TPF	0.00%	0.66107E+08	0.23231E+08	0.80910E+07	0.13315E+09	0.62339E+08

Rank 23 0.00% 8799.4 6371.7

Prob.	BOE (MBbl)	Oil (MBbl)	COil(MBbl)	Gas (MMcf)	SGas(MMcf)	
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Mean	0.00%	8799.4	2635.3	1112.4	21749.	6642.0
TPF 100.00%	298.98	89.539	37.795	738.96	225.68	
TPF 99.00%	471.52	141.21	59.607	1165.4	355.92	
TPF 98.00%	645.74	193.39	81.631	1596.0	487.42	
TPF 97.00%	821.67	246.08	103.87	2030.9	620.22	
TPF 96.00%	999.34	299.29	126.33	2470.0	754.33	
TPF 95.00%	1178.8	353.03	149.02	2913.5	889.78	
TPF 90.00%	2104.1	630.13	265.98	5200.5	1588.2	
TPF 85.00%	3079.9	922.37	389.34	7612.3	2324.8	
TPF 80.00%	4112.2	1231.5	519.84	10164.	3104.0	
TPF 75.00%	4651.0	1392.9	587.95	11496.	3510.7	
TPF 70.00%	5140.9	1539.6	649.89	12706.	3880.5	
TPF 65.00%	5665.6	1696.7	716.21	14003.	4276.5	
TPF 60.00%	6210.4	1859.9	785.08	15350.	4687.7	
TPF 55.00%	6784.5	2031.8	857.66	16769.	5121.1	
TPF 50.00%	7410.9	2219.4	936.85	18317.	5593.9	
TPF 45.00%	8035.1	2406.4	1015.7	19860.	6065.1	
TPF 40.00%	8724.0	2612.7	1102.8	21562.	6585.1	
TPF 35.00%	9511.4	2848.5	1202.4	23509.	7179.5	
TPF 30.00%	10420.	3120.5	1317.2	25753.	7865.0	
TPF 25.00%	11500.	3444.1	1453.8	28424.	8680.6	
TPF 20.00%	12811.	3836.7	1619.5	31664.	9670.1	
TPF 15.00%	14482.	4337.2	1830.8	35795.	10932.	
TPF 10.00%	16803.	5032.1	2124.1	41530.	12683.	
TPF 5.00%	20961.	6337.9	2638.9	51389.	15961.	
TPF 4.00%	22292.	6759.8	2803.1	54520.	17019.	
TPF 3.00%	23990.	7297.7	3012.4	58511.	18368.	
TPF 2.00%	26470.	8083.7	3318.2	64344.	20339.	
TPF 1.00%	30887.	9483.4	3862.9	74730.	23850.	
TPF 0.10%	46499.	14401.	5739.6	0.11147E+06	36661.	
TPF 0.00%	0.66107E+08	0.23231E+08	0.80910E+07	0.13315E+09	0.62339E+08	