

GEOLOGIC ECONOMIC RESOURCE MODEL MODULE PSRK

Geologic Economic Resource Model (Ver 8.29.2005)

The Current UAI AAAAADAP 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 15 - L. Brookian N Chukchi Basin - Topset

Geologist Kirk W. Sherwood

Remarks 2005 Assessment

Run date Date 16-SEP-05 Time 10:28:17

USER SUPPLIED PARAMETERS

RECOVERABLE RESOURCES? > R

B) Pool Size Distribution

Z PROB.

EXPECTATION = 91858.

S.D. = 0.15427E+06

MU = 10.618

SIG.SQ. = 1.7373

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

Mean	%	91858.	17555.	14554.	0.27618E+06	59609.
TPF 100.00%	183.42	74.451	14.179	284.87	247.84	
TPF 99.00%	1878.8	762.65	145.24	2918.1	2538.7	
TPF 98.00%	2675.0	1085.8	206.78	4154.6	3614.5	
TPF 97.00%	3312.2	1344.5	256.04	5144.3	4475.5	
TPF 96.00%	3905.9	1585.5	301.94	6066.4	5277.7	
TPF 95.00%	4469.0	1814.0	345.47	6941.0	6038.6	
TPF 90.00%	7251.5	2943.5	560.56	11263.	9798.4	
TPF 85.00%	10020.	3582.1	953.68	18848.	11971.	
TPF 80.00%	13107.	4294.3	1392.1	27309.	14393.	
TPF 75.00%	16470.	5074.9	1870.7	36542.	16987.	
TPF 70.00%	20282.	5959.5	2413.1	47007.	19926.	
TPF 65.00%	24693.	6855.3	3095.6	59834.	23015.	
TPF 60.00%	29666.	7865.4	3865.2	74298.	26498.	
TPF 55.00%	35307.	9007.5	4724.1	90871.	30380.	
TPF 50.00%	41786.	10319.	5710.7	0.10991E+06	34840.	
TPF 45.00%	49833.	11564.	7099.8	0.13615E+06	39021.	
TPF 40.00%	59258.	13021.	8726.7	0.16689E+06	43917.	
TPF 35.00%	71180.	14635.	10854.	0.20728E+06	49505.	
TPF 30.00%	85326.	16550.	13379.	0.25520E+06	56135.	

TPF	25.00%	0.10390E+06	19407.	16722.	0.31485E+06	66013.
TPF	20.00%	0.12892E+06	23256.	21225.	0.39521E+06	79320.
TPF	15.00%	0.16421E+06	22891.	29108.	0.55334E+06	77303.
TPF	10.00%	0.22222E+06	22291.	42062.	0.81320E+06	73989.
TPF	5.00%	0.34430E+06	32413.	68795.	0.12558E+07	0.11033E+06
TPF	4.00%	0.38887E+06	36109.	78556.	0.14174E+07	0.12360E+06
TPF	3.00%	0.44453E+06	40724.	90744.	0.16192E+07	0.14017E+06
TPF	2.00%	0.53596E+06	48305.	0.11076E+06	0.19507E+07	0.16739E+06
TPF	1.00%	0.71726E+06	63338.	0.15047E+06	0.26081E+07	0.22136E+06
TPF	0.10%	0.15602E+07	0.13323E+06	0.33504E+06	0.56641E+07	0.47227E+06
TPF	0.00%	0.78163E+07	0.65196E+06	0.17050E+07	0.28347E+08	0.23346E+07

C) No.of Pools Distribution

Lower Support = 0
Upper Support = 23
Expectation = 4.48
Standard Deviation= 4.19

Rank 1 59.97% 0.34946E+06 0.49076E+06

Prob.	BOE (MBbl)	Oil (MBbl)	COil(MBbl)	Gas (MMcf)	SGas(MMcf)
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Mean	59.97%	0.34946E+06	32841.	69925.	0.12745E+07	0.11187E+06
TPF	100.00%	183.42	74.451	14.179	284.87	247.84
TPF	99.00%	29950.	7923.0	3908.5	75134.	26694.
TPF	98.00%	40347.	10028.	5491.7	0.10568E+06	33850.
TPF	97.00%	48281.	11324.	6831.9	0.13109E+06	38214.
TPF	96.00%	54955.	12356.	7984.0	0.15286E+06	41682.
TPF	95.00%	60660.	13211.	8977.1	0.17164E+06	44574.
TPF	90.00%	84126.	16388.	13165.	0.25113E+06	55573.
TPF	85.00%	0.10344E+06	19336.	16639.	0.31337E+06	65768.
TPF	80.00%	0.12217E+06	22218.	20011.	0.37354E+06	75733.
TPF	75.00%	0.14014E+06	23140.	23732.	0.44549E+06	78679.
TPF	70.00%	0.15712E+06	22964.	27525.	0.52158E+06	77708.
TPF	65.00%	0.17621E+06	22767.	31786.	0.60707E+06	76618.
TPF	60.00%	0.19672E+06	22554.	36367.	0.69896E+06	75446.
TPF	55.00%	0.21483E+06	22367.	40413.	0.78012E+06	74411.
TPF	50.00%	0.24082E+06	23833.	46136.	0.88066E+06	79528.
TPF	45.00%	0.27174E+06	26397.	52908.	0.99278E+06	88733.
TPF	40.00%	0.30000E+06	28740.	59095.	0.10952E+07	97144.
TPF	35.00%	0.32601E+06	30897.	64792.	0.11895E+07	0.10489E+06
TPF	30.00%	0.35493E+06	33294.	71123.	0.12944E+07	0.11349E+06
TPF	25.00%	0.39768E+06	36839.	80484.	0.14494E+07	0.12622E+06
TPF	20.00%	0.44628E+06	40869.	91126.	0.16256E+07	0.14069E+06
TPF	15.00%	0.52026E+06	47003.	0.10733E+06	0.18938E+07	0.16271E+06
TPF	10.00%	0.64324E+06	57200.	0.13426E+06	0.23397E+07	0.19932E+06
TPF	5.00%	0.10115E+07	87738.	0.21491E+06	0.36750E+07	0.30896E+06
TPF	4.00%	0.11426E+07	98607.	0.24361E+06	0.41503E+07	0.34798E+06
TPF	3.00%	0.12724E+07	0.10937E+06	0.27202E+06	0.46207E+07	0.38661E+06
TPF	2.00%	0.14008E+07	0.12001E+06	0.30015E+06	0.50863E+07	0.42484E+06
TPF	1.00%	0.15279E+07	0.13056E+06	0.32799E+06	0.55473E+07	0.46268E+06
TPF	0.10%	0.69792E+07	0.58256E+06	0.15217E+07	0.25312E+08	0.20855E+07
TPF	0.00%	0.78163E+07	0.65196E+06	0.17050E+07	0.28347E+08	0.23346E+07

Rank 2 59.77% 0.14623E+06 0.11672E+06

Prob.	BOE (MBbl)	Oil (MBbl)	COil(MBbl)	Gas (MMcf)	SGas(MMcf)
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Mean	59.77%	0.14623E+06	23077.	25091.	0.47277E+06 78331.
TPF 100.00%	183.42	74.451	14.179	284.87	247.84
TPF 99.00%	12045.	4049.3	1241.3	24398.	13560.
TPF 98.00%	17477.	5308.4	2013.9	39305.	17763.
TPF 97.00%	21697.	6246.8	2632.0	51121.	20917.
TPF 96.00%	25258.	6970.1	3183.1	61478.	23411.
TPF 95.00%	28427.	7613.9	3673.5	70696.	25630.
TPF 90.00%	40779.	10116.	5557.4	0.10695E+06	34147.
TPF 85.00%	51243.	11782.	7343.2	0.14075E+06	39753.
TPF 80.00%	60642.	13209.	8973.9	0.17158E+06	44566.
TPF 75.00%	69911.	14463.	10628.	0.20298E+06	48910.
TPF 70.00%	78964.	15689.	12243.	0.23365E+06	53153.
TPF 65.00%	87627.	16904.	13793.	0.26259E+06	57359.
TPF 60.00%	97162.	18371.	15509.	0.29321E+06	62430.
TPF 55.00%	0.10654E+06	19814.	17197.	0.32333E+06	67418.
TPF 50.00%	0.11740E+06	21484.	19152.	0.35821E+06	73193.
TPF 45.00%	0.12760E+06	23053.	20988.	0.39097E+06	78618.
TPF 40.00%	0.14075E+06	23134.	23867.	0.44821E+06	78644.
TPF 35.00%	0.15394E+06	22997.	26813.	0.50729E+06	77891.
TPF 30.00%	0.16847E+06	22847.	30059.	0.57241E+06	77060.
TPF 25.00%	0.18940E+06	22630.	34734.	0.66619E+06	75864.
TPF 20.00%	0.21050E+06	22412.	39445.	0.76069E+06	74658.
TPF 15.00%	0.24340E+06	24047.	46701.	0.89001E+06	80295.
TPF 10.00%	0.29267E+06	28133.	57491.	0.10687E+07	94963.
TPF 5.00%	0.35507E+06	33306.	71154.	0.12949E+07	0.11354E+06
TPF 4.00%	0.37997E+06	35371.	76606.	0.13852E+07	0.12095E+06
TPF 3.00%	0.41203E+06	38029.	83627.	0.15014E+07	0.13049E+06
TPF 2.00%	0.45577E+06	41656.	93206.	0.16600E+07	0.14351E+06
TPF 1.00%	0.53752E+06	48434.	0.11111E+06	0.19564E+07	0.16785E+06
TPF 0.10%	0.10835E+07	93705.	0.23066E+06	0.39359E+07	0.33038E+06
TPF 0.00%	0.78163E+07	0.65196E+06	0.17050E+07	0.28347E+08	0.23346E+07

Rank 3 58.94% 86695. 66356.

Prob.	BOE (MBbl)	Oil (MBbl)	COil(MBbl)	Gas (MMcf)	SGas(MMcf)
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Mean	58.94%	86695.	16761.	13625.	0.25959E+06 56863.
TPF 100.00%	183.42	74.451	14.179	284.87	247.84
TPF 99.00%	5736.4	2328.5	443.44	8909.4	7751.2
TPF 98.00%	8593.6	3253.1	751.16	14940.	10852.
TPF 97.00%	10906.	3786.6	1079.6	21278.	12666.
TPF 96.00%	12946.	4257.1	1369.3	26867.	14267.
TPF 95.00%	14826.	4693.3	1636.8	32029.	15719.
TPF 90.00%	22629.	6436.1	2776.2	53831.	21569.
TPF 85.00%	29158.	7762.2	3786.6	72820.	26142.
TPF 80.00%	35038.	8953.3	4683.3	90083.	30196.
TPF 75.00%	40652.	10090.	5538.1	0.10658E+06	34060.
TPF 70.00%	46443.	11040.	6514.6	0.12509E+06	37259.
TPF 65.00%	52185.	11928.	7505.9	0.14382E+06	40243.

TPF	60.00%	57943.	12818.	8499.8	0.16260E+06	43234.
TPF	55.00%	64349.	13710.	9635.3	0.18414E+06	46303.
TPF	50.00%	70711.	14572.	10771.	0.20569E+06	49285.
TPF	45.00%	77832.	15536.	12041.	0.22981E+06	52622.
TPF	40.00%	84808.	16480.	13286.	0.25344E+06	55892.
TPF	35.00%	93631.	17828.	14874.	0.28187E+06	60552.
TPF	30.00%	0.10257E+06	19204.	16483.	0.31060E+06	65309.
TPF	25.00%	0.11431E+06	21009.	18596.	0.34829E+06	71551.
TPF	20.00%	0.12693E+06	22950.	20867.	0.38881E+06	78261.
TPF	15.00%	0.14509E+06	23089.	24838.	0.46769E+06	78396.
TPF	10.00%	0.16781E+06	22854.	29911.	0.56945E+06	77098.
TPF	5.00%	0.21154E+06	22401.	39677.	0.76536E+06	74599.
TPF	4.00%	0.22294E+06	22351.	42221.	0.81584E+06	74205.
TPF	3.00%	0.24938E+06	24543.	48009.	0.91167E+06	82074.
TPF	2.00%	0.28112E+06	27174.	54960.	0.10268E+07	91522.
TPF	1.00%	0.32384E+06	30717.	64315.	0.11816E+07	0.10424E+06
TPF	0.10%	0.48523E+06	44098.	99656.	0.17668E+07	0.15228E+06
TPF	0.00%	0.78163E+07	0.65196E+06	0.17050E+07	0.28347E+08	0.23346E+07

Rank 4 56.77% 57016. 44568.

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

Mean	56.77%	57016.	12675.	8339.8	0.15958E+06 42752.
TPF	100.00%	183.42	74.451	14.179	284.87 247.84
TPF	99.00%	3372.4	1368.9	260.69	5237.7 4556.8
TPF	98.00%	4921.3	1997.6	380.43	7643.4 6649.7
TPF	97.00%	6265.2	2543.1	484.32	9730.7 8465.7
TPF	96.00%	7478.2	2995.8	592.75	11884. 9976.2
TPF	95.00%	8581.6	3250.3	749.47	14908. 10842.
TPF	90.00%	13417.	4366.3	1436.3	28161. 14633.
TPF	85.00%	17687.	5357.3	2043.8	39883. 17925.
TPF	80.00%	21730.	6253.6	2637.2	51219. 20940.
TPF	75.00%	25677.	7055.3	3247.9	62697. 23704.
TPF	70.00%	29525.	7836.7	3843.4	73887. 26399.
TPF	65.00%	33481.	8637.9	4446.2	85507. 29124.
TPF	60.00%	37449.	9441.3	5050.3	97164. 31855.
TPF	55.00%	41446.	10251.	5658.9	0.10891E+06 34606.
TPF	50.00%	46109.	10988.	6457.1	0.12401E+06 37086.
TPF	45.00%	50857.	11722.	7276.5	0.13949E+06 39553.
TPF	40.00%	56140.	12539.	8188.5	0.15672E+06 42297.
TPF	35.00%	61959.	13387.	9208.9	0.17604E+06 45183.
TPF	30.00%	68668.	14295.	10406.	0.19876E+06 48327.
TPF	25.00%	76377.	15339.	11782.	0.22488E+06 51941.
TPF	20.00%	84979.	16503.	13317.	0.25402E+06 55972.
TPF	15.00%	97156.	18370.	15508.	0.29319E+06 62427.
TPF	10.00%	0.11385E+06	20938.	18513.	0.34681E+06 71306.
TPF	5.00%	0.14245E+06	23116.	24247.	0.45583E+06 78547.
TPF	4.00%	0.15150E+06	23022.	26269.	0.49638E+06 78030.
TPF	3.00%	0.16199E+06	22914.	28611.	0.54337E+06 77431.
TPF	2.00%	0.18172E+06	22710.	33018.	0.63178E+06 76303.
TPF	1.00%	0.21124E+06	22404.	39610.	0.76402E+06 74616.
TPF	0.10%	0.32682E+06	30964.	64967.	0.11924E+07 0.10513E+06
TPF	0.00%	0.78163E+07	0.65196E+06	0.17050E+07	0.28347E+08 0.23346E+07

Rank 5 52.52% 39935. 32118.

Prob.	BOE (MBbl)	Oil (MBbl)	COil(MBbl)	Gas (MMcf)	SGas(MMcf)
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Mean	52.52%	39935.	9944.6	5428.9	0.10447E+06 33566.
TPF 100.00%	183.42	74.451	14.179	284.87	247.84
TPF 99.00%	2317.9	940.88	179.18	3600.1	3132.0
TPF 98.00%	3324.8	1349.6	257.02	5163.9	4492.6
TPF 97.00%	4141.6	1681.1	320.16	6432.5	5596.2
TPF 96.00%	4887.4	1983.8	377.80	7590.7	6603.9
TPF 95.00%	5597.2	2272.0	432.68	8693.1	7563.0
TPF 90.00%	8756.0	3290.6	774.23	15386.	10979.
TPF 85.00%	11609.	3948.7	1179.4	23204.	13218.
TPF 80.00%	14361.	4585.3	1570.6	30752.	15360.
TPF 75.00%	17043.	5207.7	1952.2	38114.	17428.
TPF 70.00%	19780.	5842.8	2341.5	45627.	19538.
TPF 65.00%	22671.	6444.7	2782.8	53955.	21599.
TPF 60.00%	25599.	7039.4	3235.8	62470.	23650.
TPF 55.00%	28665.	7662.2	3710.4	71387.	25797.
TPF 50.00%	31917.	8321.2	4207.9	80911.	28047.
TPF 45.00%	35250.	8996.1	4715.5	90704.	30341.
TPF 40.00%	39055.	9766.4	5294.8	0.10188E+06	32960.
TPF 35.00%	43170.	10533.	5949.7	0.11442E+06	35559.
TPF 30.00%	48058.	11289.	6793.5	0.13036E+06	38099.
TPF 25.00%	53720.	12165.	7770.9	0.14883E+06	41040.
TPF 20.00%	60308.	13163.	8914.2	0.17045E+06	44409.
TPF 15.00%	69212.	14369.	10503.	0.20061E+06	48583.
TPF 10.00%	81232.	15996.	12648.	0.24133E+06	54216.
TPF 5.00%	0.10159E+06	19053.	16307.	0.30745E+06	64787.
TPF 4.00%	0.10855E+06	20122.	17558.	0.32978E+06	68485.
TPF 3.00%	0.11763E+06	21519.	19193.	0.35895E+06	73316.
TPF 2.00%	0.12896E+06	23256.	21235.	0.39541E+06	79318.
TPF 1.00%	0.15174E+06	23020.	26323.	0.49748E+06	78016.
TPF 0.10%	0.22843E+06	22806.	43423.	0.83574E+06	75839.
TPF 0.00%	0.78163E+07	0.65196E+06	0.17050E+07	0.28347E+08	0.23346E+07

Rank 6 45.94% 29397. 24196.

Prob.	BOE (MBbl)	Oil (MBbl)	COil(MBbl)	Gas (MMcf)	SGas(MMcf)
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Mean	45.94%	29397.	7810.8	3823.6	73516. 26309.
TPF 100.00%	183.42	74.451	14.179	284.87	247.84
TPF 99.00%	1710.5	694.32	132.23	2656.6	2311.3
TPF 98.00%	2500.9	1015.1	193.33	3884.2	3379.3
TPF 97.00%	3084.8	1252.2	238.46	4791.1	4168.3
TPF 96.00%	3601.5	1461.9	278.41	5593.6	4866.4
TPF 95.00%	4083.1	1657.4	315.64	6341.6	5517.2
TPF 90.00%	6268.8	2544.6	484.59	9736.1	8470.4
TPF 85.00%	8279.3	3180.6	706.52	14079.	10605.
TPF 80.00%	10175.	3618.0	975.78	19275.	12093.
TPF 75.00%	12164.	4076.8	1258.2	24725.	13653.
TPF 70.00%	14156.	4537.8	1541.4	30190.	15202.
TPF 65.00%	16165.	5004.1	1827.3	35705.	16752.

TPF	60.00%	18348.	5510.5	2137.8	41696.	18434.
TPF	55.00%	20576.	6019.2	2458.5	47861.	20132.
TPF	50.00%	23091.	6530.1	2847.8	55177.	21893.
TPF	45.00%	25731.	7066.1	3256.2	62853.	23742.
TPF	40.00%	28610.	7651.0	3701.9	71228.	25759.
TPF	35.00%	31815.	8300.6	4192.5	80612.	27977.
TPF	30.00%	35292.	9004.5	4721.9	90827.	30370.
TPF	25.00%	39513.	9859.2	5364.6	0.10323E+06	33276.
TPF	20.00%	44645.	10762.	6204.4	0.11923E+06	36326.
TPF	15.00%	51232.	11780.	7341.4	0.14071E+06	39748.
TPF	10.00%	60395.	13175.	8929.7	0.17074E+06	44450.
TPF	5.00%	76632.	15373.	11827.	0.22575E+06	52060.
TPF	4.00%	81574.	16042.	12709.	0.24249E+06	54376.
TPF	3.00%	88068.	16972.	13872.	0.26400E+06	57593.
TPF	2.00%	97737.	18459.	15613.	0.29506E+06	62736.
TPF	1.00%	0.11450E+06	21038.	18630.	0.34891E+06	71653.
TPF	0.10%	0.17214E+06	22809.	30879.	0.58887E+06	76850.
TPF	0.00%	0.78163E+07	0.65196E+06	0.17050E+07	0.28347E+08	0.23346E+07

Rank 7 37.53% 22594. 18841.

	Prob.	BOE (MBbl)	Oil (MBbl)	COil(MBbl)	Gas (MMcf)	SGas(MMcf)
	-----	-----	-----	-----	-----	-----
Mean	37.53%	22594.	6429.0	2770.7	53729.	21545.
TPF	100.00%	183.42	74.451	14.179	284.87	247.84
TPF	99.00%	1177.9	478.12	91.054	1829.4	1591.6
TPF	98.00%	2012.7	816.98	155.59	3126.0	2719.6
TPF	97.00%	2471.9	1003.4	191.08	3839.1	3340.0
TPF	96.00%	2877.1	1167.8	222.40	4468.4	3887.5
TPF	95.00%	3238.9	1314.7	250.37	5030.4	4376.4
TPF	90.00%	4838.9	1964.2	374.06	7515.4	6538.3
TPF	85.00%	6339.3	2573.2	490.04	9845.7	8565.7
TPF	80.00%	7800.9	3070.2	638.58	12768.	10229.
TPF	75.00%	9231.2	3400.2	841.72	16688.	11352.
TPF	70.00%	10716.	3742.7	1052.6	20757.	12517.
TPF	65.00%	12281.	4103.8	1274.8	25046.	13745.
TPF	60.00%	13911.	4480.9	1506.6	29517.	15013.
TPF	55.00%	15625.	4878.7	1750.4	34222.	16335.
TPF	50.00%	17480.	5309.1	2014.3	39313.	17765.
TPF	45.00%	19488.	5775.0	2300.0	44825.	19313.
TPF	40.00%	21755.	6258.7	2641.0	51291.	20958.
TPF	35.00%	24246.	6764.6	3026.5	58535.	22702.
TPF	30.00%	27152.	7354.9	3476.3	66988.	24738.
TPF	25.00%	30424.	8019.0	3980.7	76526.	27020.
TPF	20.00%	34395.	8823.0	4585.3	88193.	29753.
TPF	15.00%	39466.	9849.7	5357.4	0.10309E+06	33243.
TPF	10.00%	46763.	11089.	6569.8	0.12614E+06	37426.
TPF	5.00%	59062.	12991.	8693.0	0.16625E+06	43815.
TPF	4.00%	63478.	13593.	9479.8	0.18118E+06	45895.
TPF	3.00%	68800.	14313.	10430.	0.19921E+06	48390.
TPF	2.00%	76399.	15342.	11786.	0.22496E+06	51951.
TPF	1.00%	89157.	17139.	14068.	0.26750E+06	58172.
TPF	0.10%	0.13490E+06	23194.	22561.	0.42200E+06	78979.
TPF	0.00%	0.78163E+07	0.65196E+06	0.17050E+07	0.28347E+08	0.23346E+07

Rank 8 28.43% 18033. 15083.

Prob.	BOE (MBbl)	Oil (MBbl)	COil(MBbl)	Gas (MMcf)	SGas(MMcf)
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Mean	28.43%	18033.	5437.4	2093.0	40831. 18191.
TPF 100.00%	183.42	74.451	14.179	284.87	247.84
TPF 99.00%	888.49	360.65	68.683	1379.9	1200.5
TPF 98.00%	1592.4	646.37	123.10	2473.2	2151.7
TPF 97.00%	2074.4	842.02	160.35	3221.8	2802.9
TPF 96.00%	2404.0	975.80	185.83	3733.6	3248.3
TPF 95.00%	2721.5	1104.7	210.38	4226.9	3677.4
TPF 90.00%	3981.7	1616.2	307.79	6184.0	5380.1
TPF 85.00%	5132.2	2083.2	396.73	7970.9	6934.6
TPF 80.00%	6278.5	2548.5	485.34	9751.3	8483.6
TPF 75.00%	7429.7	2984.6	585.87	11751.	9938.2
TPF 70.00%	8586.3	3251.4	750.12	14920.	10846.
TPF 65.00%	9758.2	3521.8	916.57	18132.	11766.
TPF 60.00%	11059.	3821.9	1101.3	21697.	12786.
TPF 55.00%	12421.	4136.1	1294.7	25430.	13855.
TPF 50.00%	13888.	4475.5	1503.2	29452.	14995.
TPF 45.00%	15472.	4843.2	1728.6	33801.	16217.
TPF 40.00%	17216.	5248.0	1976.8	38590.	17562.
TPF 35.00%	19200.	5708.3	2259.0	44035.	19091.
TPF 30.00%	21487.	6204.1	2599.4	50509.	20769.
TPF 25.00%	24163.	6747.7	3013.6	58293.	22644.
TPF 20.00%	27466.	7418.5	3524.7	67899.	24957.
TPF 15.00%	31602.	8257.5	4160.1	79987.	27831.
TPF 10.00%	37349.	9421.0	5035.1	96870.	31786.
TPF 5.00%	47413.	11190.	6682.0	0.12826E+06	37763.
TPF 4.00%	50647.	11690.	7240.4	0.13881E+06	39444.
TPF 3.00%	55027.	12367.	7996.5	0.15309E+06	41719.
TPF 2.00%	61029.	13261.	9042.8	0.17289E+06	44747.
TPF 1.00%	71748.	14712.	10956.	0.20920E+06	49771.
TPF 0.10%	0.10872E+06	20149.	17590.	0.33034E+06	68578.
TPF 0.00%	0.78163E+07	0.65196E+06	0.17050E+07	0.28347E+08	0.23346E+07

Rank 9 19.89% 14866. 12373.

Prob.	BOE (MBbl)	Oil (MBbl)	COil(MBbl)	Gas (MMcf)	SGas(MMcf)
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Mean	19.89%	14866.	4702.5	1642.4	32138. 15750.
TPF 100.00%	183.42	74.451	14.179	284.87	247.84
TPF 99.00%	715.63	290.48	55.320	1111.5	966.97
TPF 98.00%	1249.0	506.97	96.548	1939.8	1687.6
TPF 97.00%	1783.5	723.93	137.87	2769.9	2409.8
TPF 96.00%	2085.6	846.58	161.22	3239.2	2818.1
TPF 95.00%	2337.8	948.94	180.72	3630.9	3158.9
TPF 90.00%	3414.7	1386.1	263.97	5303.5	4614.0
TPF 85.00%	4352.3	1766.7	336.44	6759.6	5880.9
TPF 80.00%	5271.2	2139.6	407.48	8186.8	7122.5
TPF 75.00%	6207.7	2519.8	479.87	9641.3	8387.9
TPF 70.00%	7166.8	2909.1	554.01	11131.	9683.8
TPF 65.00%	8147.9	3150.3	687.86	13719.	10502.

TPF	60.00%	9160.1	3383.8	831.62	16493.	11296.
TPF	55.00%	10232.	3631.0	983.83	19430.	12137.
TPF	50.00%	11453.	3912.8	1157.3	22777.	13096.
TPF	45.00%	12736.	4208.7	1339.5	26292.	14102.
TPF	40.00%	14182.	4543.9	1545.2	30261.	15223.
TPF	35.00%	15765.	4911.3	1770.4	34607.	16443.
TPF	30.00%	17616.	5340.8	2033.8	39688.	17871.
TPF	25.00%	19763.	5839.0	2339.2	45581.	19526.
TPF	20.00%	22492.	6408.4	2755.1	53435.	21474.
TPF	15.00%	25940.	7108.7	3288.6	63462.	23888.
TPF	10.00%	30757.	8086.4	4031.4	77504.	27249.
TPF	5.00%	38960.	9747.2	5280.4	0.10160E+06	32895.
TPF	4.00%	41480.	10258.	5664.2	0.10901E+06	34630.
TPF	3.00%	45191.	10846.	6298.5	0.12101E+06	36609.
TPF	2.00%	50143.	11612.	7153.4	0.13716E+06	39182.
TPF	1.00%	58827.	12955.	8652.3	0.16548E+06	43693.
TPF	0.10%	89756.	17232.	14176.	0.26943E+06	58491.
TPF	0.00%	0.78163E+07	0.65196E+06	0.17050E+07	0.28347E+08	0.23346E+07

Rank 10 12.85% 12594. 10372.

Prob.	BOE (MBbl)	Oil (MBbl)	COil(MBbl)	Gas (MMcf)	SGas(MMcf)	
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Mean	12.85%	12594.	4176.1	1319.4	25904.	13991.
TPF	100.00%	183.42	74.451	14.179	284.87	247.84
TPF	99.00%	604.36	245.32	46.718	938.64	816.61
TPF	98.00%	1027.1	416.92	79.399	1595.2	1387.9
TPF	97.00%	1451.8	589.29	112.22	2254.8	1961.6
TPF	96.00%	1878.3	762.43	145.20	2917.2	2538.0
TPF	95.00%	2079.8	844.22	160.77	3230.2	2810.3
TPF	90.00%	3015.5	1224.0	233.11	4683.5	4074.6
TPF	85.00%	3816.5	1549.2	295.03	5927.6	5157.0
TPF	80.00%	4581.4	1859.6	354.15	7115.4	6190.4
TPF	75.00%	5357.5	2174.7	414.15	8320.8	7239.1
TPF	70.00%	6160.3	2500.6	476.21	9567.8	8323.9
TPF	65.00%	6993.8	2838.9	540.64	10862.	9450.2
TPF	60.00%	7859.5	3083.7	646.91	12929.	10275.
TPF	55.00%	8764.8	3292.6	775.49	15410.	10986.
TPF	50.00%	9718.5	3512.6	910.93	18023.	11734.
TPF	45.00%	10812.	3764.9	1066.2	21020.	12592.
TPF	40.00%	12018.	4043.2	1237.6	24326.	13539.
TPF	35.00%	13342.	4348.8	1425.5	27953.	14574.
TPF	30.00%	14898.	4709.9	1647.0	32226.	15774.
TPF	25.00%	16656.	5118.0	1897.1	37053.	17130.
TPF	20.00%	18910.	5641.0	2217.8	43239.	18868.
TPF	15.00%	21800.	6267.8	2648.0	51422.	20989.
TPF	10.00%	25900.	7100.5	3282.4	63344.	23860.
TPF	5.00%	32902.	8520.7	4358.0	83807.	28725.
TPF	4.00%	35063.	8958.2	4687.1	90155.	30213.
TPF	3.00%	38047.	9562.4	5141.4	98921.	32266.
TPF	2.00%	42045.	10359.	5755.4	0.11075E+06	34975.
TPF	1.00%	49536.	11518.	7048.6	0.13518E+06	38866.
TPF	0.10%	75822.	15264.	11683.	0.22300E+06	51680.
TPF	0.00%	0.78163E+07	0.65196E+06	0.17050E+07	0.28347E+08	0.23346E+07

Rank 11 7.66% 10914. 8863.2

Prob.	BOE (MBbl)	Oil (MBbl)	COil(MBbl)	Gas (MMcf)	SGas(MMcf)	
-----	-----	-----	-----	-----	-----	
Mean	7.66%	10914.	3788.5	1080.8	21300.	12673.
TPF	100.00%	183.42	74.451	14.179	284.87	247.84
TPF	99.00%	528.36	214.47	40.843	820.60	713.92
TPF	98.00%	875.28	355.29	67.661	1359.4	1182.7
TPF	97.00%	1224.2	496.93	94.635	1901.4	1654.2
TPF	96.00%	1575.2	639.40	121.77	2446.5	2128.5
TPF	95.00%	1902.1	772.08	147.04	2954.2	2570.1
TPF	90.00%	2732.4	1109.1	211.22	4243.7	3692.0
TPF	85.00%	3422.6	1389.3	264.58	5315.7	4624.7
TPF	80.00%	4086.5	1658.8	315.90	6346.9	5521.8
TPF	75.00%	4746.9	1926.8	366.94	7372.4	6414.0
TPF	70.00%	5430.1	2204.1	419.76	8433.5	7337.2
TPF	65.00%	6144.3	2494.1	474.97	9542.9	8302.3
TPF	60.00%	6894.2	2798.5	532.94	10708.	9315.6
TPF	55.00%	7683.2	3043.1	621.86	12445.	10137.
TPF	50.00%	8518.4	3235.7	740.48	14734.	10793.
TPF	45.00%	9410.8	3441.6	867.23	17180.	11493.
TPF	40.00%	10413.	3672.9	1009.6	19928.	12280.
TPF	35.00%	11582.	3942.6	1175.6	23131.	13197.
TPF	30.00%	12874.	4240.5	1359.0	26670.	14210.
TPF	25.00%	14437.	4602.9	1581.4	30960.	15419.
TPF	20.00%	16268.	5027.9	1841.9	35987.	16831.
TPF	15.00%	18741.	5601.8	2193.7	42775.	18737.
TPF	10.00%	22236.	6356.3	2715.4	52688.	21294.
TPF	5.00%	28269.	7581.8	3649.1	70236.	25520.
TPF	4.00%	30179.	7969.4	3943.4	75806.	26851.
TPF	3.00%	32746.	8489.1	4334.3	83348.	28618.
TPF	2.00%	36248.	9198.2	4867.5	93638.	31029.
TPF	1.00%	42354.	10407.	5808.8	0.11176E+06	35135.
TPF	0.10%	64909.	13786.	9735.2	0.18603E+06	46566.
TPF	0.00%	0.78163E+07	0.65196E+06	0.17050E+07	0.28347E+08	0.23346E+07

Rank 12 4.23% 9637.2 7701.3

Prob.	BOE (MBbl)	Oil (MBbl)	COil(MBbl)	Gas (MMcf)	SGas(MMcf)	
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Mean	4.23%	9637.2	3493.9	899.37	17800.	11670.
TPF	100.00%	183.42	74.451	14.179	284.87	247.84
TPF	99.00%	473.92	192.37	36.635	736.06	640.37
TPF	98.00%	766.36	311.08	59.242	1190.3	1035.5
TPF	97.00%	1060.8	430.59	82.001	1647.5	1433.3
TPF	96.00%	1357.2	550.91	104.92	2107.9	1833.9
TPF	95.00%	1655.7	672.08	127.99	2571.5	2237.2
TPF	90.00%	2490.1	1010.7	192.49	3867.4	3364.6
TPF	85.00%	3121.8	1267.2	241.32	4848.5	4218.2
TPF	80.00%	3711.5	1506.5	286.91	5764.4	5015.0
TPF	75.00%	4292.3	1742.3	331.80	6666.4	5799.8
TPF	70.00%	4884.9	1982.8	377.61	7586.8	6600.5
TPF	65.00%	5505.5	2234.7	425.59	8550.7	7439.1

TPF	60.00%	6160.4	2500.6	476.21	9567.8	8324.0
TPF	55.00%	6855.0	2782.5	529.91	10647.	9262.6
TPF	50.00%	7594.5	3022.6	609.27	12202.	10067.
TPF	45.00%	8386.9	3205.4	721.81	14374.	10689.
TPF	40.00%	9246.2	3403.7	843.85	16729.	11364.
TPF	35.00%	10208.	3625.5	980.40	19364.	12118.
TPF	30.00%	11376.	3895.1	1146.4	22567.	13035.
TPF	25.00%	12702.	4200.8	1334.6	26198.	14075.
TPF	20.00%	14348.	4582.3	1568.7	30716.	15350.
TPF	15.00%	16393.	5056.9	1859.7	36330.	16927.
TPF	10.00%	19410.	5757.1	2289.0	44612.	19254.
TPF	5.00%	24626.	6841.8	3085.3	59640.	22968.
TPF	4.00%	26395.	7201.1	3359.1	64786.	24207.
TPF	3.00%	28582.	7645.4	3697.5	71147.	25739.
TPF	2.00%	31725.	8282.4	4178.8	80348.	27915.
TPF	1.00%	37079.	9366.5	4994.0	96079.	31600.
TPF	0.10%	56259.	12558.	8209.1	0.15711E+06	42359.
TPF	0.00%	0.78163E+07	0.65196E+06	0.17050E+07	0.28347E+08	0.23346E+07

Rank 13 2.16% 8642.0 6789.8

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

Mean	2.16%	8642.0	3264.3	758.04	15073.	10890.
TPF	100.00%	183.42	74.451	14.179	284.87	247.84
TPF	99.00%	433.40	175.92	33.503	673.12	585.61
TPF	98.00%	685.22	278.14	52.969	1064.2	925.87
TPF	97.00%	938.90	381.11	72.579	1458.2	1268.7
TPF	96.00%	1194.5	484.86	92.337	1855.2	1614.0
TPF	95.00%	1452.0	589.39	112.24	2255.2	1962.0
TPF	90.00%	2297.4	932.53	177.59	3568.1	3104.2
TPF	85.00%	2888.7	1172.6	223.30	4486.5	3903.3
TPF	80.00%	3419.6	1388.1	264.34	5311.0	4620.6
TPF	75.00%	3943.2	1600.6	304.82	6124.3	5328.1
TPF	70.00%	4467.1	1813.2	345.31	6937.9	6036.0
TPF	65.00%	5013.2	2034.9	387.53	7786.0	6773.8
TPF	60.00%	5591.7	2269.7	432.25	8684.6	7555.5
TPF	55.00%	6207.8	2519.8	479.88	9641.4	8388.0
TPF	50.00%	6867.9	2787.8	530.91	10667.	9280.0
TPF	45.00%	7578.8	3019.0	607.05	12160.	10055.
TPF	40.00%	8351.1	3197.2	716.72	14276.	10661.
TPF	35.00%	9201.9	3393.4	837.56	16608.	11329.
TPF	30.00%	10169.	3616.5	974.87	19257.	12088.
TPF	25.00%	11379.	3895.7	1146.8	22574.	13037.
TPF	20.00%	12799.	4223.3	1348.4	26465.	14152.
TPF	15.00%	14665.	4656.0	1613.9	31588.	15595.
TPF	10.00%	17254.	5256.8	1982.3	38695.	17591.
TPF	5.00%	21845.	6277.0	2655.0	51553.	21021.
TPF	4.00%	23352.	6582.9	2888.0	55933.	22076.
TPF	3.00%	25279.	6974.5	3186.4	61540.	23426.
TPF	2.00%	28078.	7542.9	3619.5	69680.	25386.
TPF	1.00%	32854.	8510.9	4350.6	83664.	28692.
TPF	0.10%	49453.	11505.	7034.3	0.13491E+06	38824.
TPF	0.00%	0.78163E+07	0.65196E+06	0.17050E+07	0.28347E+08	0.23346E+07

Rank 14 1.03% 7849.3 6062.2

Prob.	BOE (MBbl)	Oil (MBbl)	COil(MBbl)	Gas (MMcf)	SGas(MMcf)	
-----	-----	-----	-----	-----	-----	
Mean	1.03%	7849.3	3081.4	645.45	12901.	10267.
TPF 100.00%	183.42	74.451	14.179	284.87	247.84	
TPF 99.00%	402.27	163.29	31.096	624.78	543.55	
TPF 98.00%	622.83	252.82	48.146	967.34	841.58	
TPF 97.00%	845.14	343.05	65.331	1312.6	1142.0	
TPF 96.00%	1069.2	434.01	82.653	1660.6	1444.7	
TPF 95.00%	1295.1	525.70	100.11	2011.5	1750.0	
TPF 90.00%	2148.4	872.08	166.08	3336.8	2903.0	
TPF 85.00%	2707.9	1099.2	209.32	4205.7	3658.9	
TPF 80.00%	3183.5	1292.2	246.09	4944.4	4301.6	
TPF 75.00%	3657.6	1484.6	282.74	5680.6	4942.1	
TPF 70.00%	4135.3	1678.6	319.67	6422.6	5587.7	
TPF 65.00%	4625.2	1877.4	357.54	7183.6	6249.7	
TPF 60.00%	5141.7	2087.1	397.46	7985.6	6947.5	
TPF 55.00%	5693.3	2311.0	440.11	8842.4	7692.9	
TPF 50.00%	6286.3	2551.7	485.95	9763.5	8494.2	
TPF 45.00%	6928.7	2812.4	535.60	10761.	9362.1	
TPF 40.00%	7629.0	3030.6	614.16	12297.	10095.	
TPF 35.00%	8401.7	3208.8	723.91	14415.	10701.	
TPF 30.00%	9269.5	3409.0	847.15	16793.	11382.	
TPF 25.00%	10292.	3644.9	992.38	19595.	12184.	
TPF 20.00%	11600.	3946.7	1178.2	23180.	13211.	
TPF 15.00%	13221.	4320.8	1408.4	27622.	14481.	
TPF 10.00%	15553.	4862.0	1740.2	34025.	16280.	
TPF 5.00%	19565.	5793.1	2311.0	45038.	19373.	
TPF 4.00%	20886.	6082.1	2506.5	48762.	20349.	
TPF 3.00%	22665.	6443.4	2781.7	53935.	21594.	
TPF 2.00%	25094.	6936.8	3157.7	61000.	23296.	
TPF 1.00%	29349.	7801.2	3816.3	73378.	26276.	
TPF 0.10%	44078.	10674.	6106.3	0.11738E+06	36031.	
TPF 0.00%	0.78163E+07	0.65196E+06	0.17050E+07	0.28347E+08	0.23346E+07	

Rank 15 0.46% 7205.2 5471.7

Prob.	BOE (MBbl)	Oil (MBbl)	COil(MBbl)	Gas (MMcf)	SGas(MMcf)	
----	-----	-----	-----	-----	-----	
Mean	0.46%	7205.2	2924.7	556.98	11191.	9735.8
TPF 100.00%	183.42	74.451	14.179	284.87	247.84	
TPF 99.00%	377.72	153.32	29.199	586.65	510.38	
TPF 98.00%	573.61	232.84	44.342	890.89	775.07	
TPF 97.00%	771.12	313.01	59.609	1197.6	1041.9	
TPF 96.00%	970.27	393.85	75.004	1507.0	1311.0	
TPF 95.00%	1171.1	475.37	90.529	1818.9	1582.4	
TPF 90.00%	2030.4	824.18	156.96	3153.5	2743.5	
TPF 85.00%	2536.6	1029.6	196.09	3939.6	3427.5	
TPF 80.00%	2989.2	1213.3	231.07	4642.5	4039.0	
TPF 75.00%	3427.7	1391.4	264.97	5323.7	4631.6	
TPF 70.00%	3867.5	1569.9	298.96	6006.7	5225.8	
TPF 65.00%	4311.6	1750.1	333.30	6696.4	5825.9	

TPF	60.00%	4778.8	1939.8	369.41	7422.0	6457.1
TPF	55.00%	5277.0	2142.0	407.93	8195.9	7130.4
TPF	50.00%	5814.0	2360.0	449.44	9029.9	7856.0
TPF	45.00%	6397.2	2596.7	494.52	9935.6	8644.0
TPF	40.00%	7036.6	2856.3	543.95	10929.	9508.0
TPF	35.00%	7743.6	3057.0	630.44	12611.	10184.
TPF	30.00%	8538.9	3240.5	743.40	14791.	10809.
TPF	25.00%	9453.8	3451.5	873.33	17298.	11527.
TPF	20.00%	10597.	3715.3	1035.7	20431.	12424.
TPF	15.00%	12094.	4060.6	1248.3	24533.	13598.
TPF	10.00%	14183.	4544.1	1545.3	30264.	15223.
TPF	5.00%	17778.	5378.2	2056.7	40131.	17995.
TPF	4.00%	18954.	5651.3	2224.1	43361.	18902.
TPF	3.00%	20441.	5991.7	2437.6	47468.	20037.
TPF	2.00%	22723.	6455.2	2790.7	54104.	21635.
TPF	1.00%	26571.	7236.9	3386.3	65297.	24330.
TPF	0.10%	39668.	9890.7	5388.3	0.10368E+06	33382.
TPF	0.00%	0.78163E+07	0.65196E+06	0.17050E+07	0.28347E+08	0.23346E+07

Rank 16 0.19% 6672.5 4984.7

Prob.	BOE (MBbl)	Oil (MBbl)	COil(MBbl)	Gas (MMcf)	SGas(MMcf)	
-----	-----	-----	-----	-----	-----	
Mean	0.19%	6672.5	2708.4	515.80	10363.	9015.9
TPF	100.00%	183.42	74.451	14.179	284.87	247.84
TPF	99.00%	357.93	145.29	27.669	555.91	483.64
TPF	98.00%	533.91	216.72	41.273	829.23	721.43
TPF	97.00%	711.39	288.76	54.992	1104.9	961.24
TPF	96.00%	890.41	361.43	68.831	1382.9	1203.1
TPF	95.00%	1071.0	434.72	82.789	1663.4	1447.1
TPF	90.00%	1935.0	785.42	149.58	3005.2	2614.5
TPF	85.00%	2391.1	970.57	184.84	3713.6	3230.9
TPF	80.00%	2831.2	1149.2	218.86	4397.3	3825.6
TPF	75.00%	3235.3	1313.3	250.10	5024.9	4371.6
TPF	70.00%	3638.7	1477.0	281.28	5651.4	4916.7
TPF	65.00%	4053.4	1645.3	313.34	6295.5	5477.0
TPF	60.00%	4481.1	1818.9	346.40	6959.6	6054.9
TPF	55.00%	4934.6	2003.0	381.46	7664.0	6667.7
TPF	50.00%	5424.3	2201.8	419.31	8424.7	7329.4
TPF	45.00%	5957.4	2418.2	460.52	9252.5	8049.7
TPF	40.00%	6543.2	2656.0	505.80	10162.	8841.2
TPF	35.00%	7194.8	2920.5	556.17	11174.	9721.7
TPF	30.00%	7927.5	3099.4	656.57	13115.	10329.
TPF	25.00%	8772.7	3294.4	776.61	15431.	10992.
TPF	20.00%	9777.4	3526.2	919.30	18185.	11781.
TPF	15.00%	11143.	3841.3	1113.2	21927.	12852.
TPF	10.00%	13016.	4273.3	1379.2	27060.	14322.
TPF	5.00%	16252.	5024.3	1839.7	35944.	16819.
TPF	4.00%	17339.	5276.5	1994.3	38928.	17657.
TPF	3.00%	18733.	5600.0	2192.7	42754.	18732.
TPF	2.00%	20669.	6038.1	2472.9	48132.	20197.
TPF	1.00%	24161.	6747.2	3013.2	58286.	22642.
TPF	0.10%	36029.	9153.8	4834.1	92993.	30878.
TPF	0.00%	0.78163E+07	0.65196E+06	0.17050E+07	0.28347E+08	0.23346E+07

Rank 17 0.07% 6224.0 4575.8

Prob.	BOE (MBbl)	Oil (MBbl)	COil(MBbl)	Gas (MMcf)	SGas(MMcf)	
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Mean	0.07%	6224.0	2526.4	481.13	9666.7	8410.0
TPF 100.00%	183.42	74.451	14.179	284.87	247.84	
TPF 99.00%	341.66	138.68	26.411	530.64	461.65	
TPF 98.00%	501.27	203.47	38.749	778.53	677.32	
TPF 97.00%	662.27	268.83	51.195	1028.6	894.87	
TPF 96.00%	824.70	334.76	63.751	1280.9	1114.3	
TPF 95.00%	988.58	401.28	76.419	1535.4	1335.8	
TPF 90.00%	1830.7	743.12	141.52	2843.4	2473.7	
TPF 85.00%	2271.0	921.81	175.55	3527.1	3068.5	
TPF 80.00%	2700.7	1096.2	208.77	4194.4	3649.2	
TPF 75.00%	3068.9	1245.7	237.23	4766.4	4146.8	
TPF 70.00%	3448.8	1399.9	266.60	5356.5	4660.1	
TPF 65.00%	3835.1	1556.7	296.46	5956.4	5182.0	
TPF 60.00%	4230.2	1717.1	327.00	6569.9	5715.8	
TPF 55.00%	4648.6	1886.9	359.35	7219.8	6281.2	
TPF 50.00%	5098.1	2069.4	394.09	7917.9	6888.6	
TPF 45.00%	5588.2	2268.3	431.98	8679.1	7550.8	
TPF 40.00%	6127.8	2487.3	473.69	9517.2	8279.9	
TPF 35.00%	6729.2	2731.5	520.18	10451.	9092.6	
TPF 30.00%	7409.5	2979.9	583.00	11695.	9922.3	
TPF 25.00%	8193.3	3160.8	694.32	13844.	10537.	
TPF 20.00%	9127.8	3376.3	827.03	16404.	11271.	
TPF 15.00%	10325.	3652.6	997.13	19687.	12211.	
TPF 10.00%	12081.	4057.6	1246.5	24498.	13588.	
TPF 5.00%	15049.	4745.0	1668.5	32641.	15891.	
TPF 4.00%	15982.	4961.6	1801.3	35203.	16610.	
TPF 3.00%	17241.	5253.8	1980.4	38659.	17581.	
TPF 2.00%	19036.	5670.3	2235.7	43586.	18965.	
TPF 1.00%	22183.	6345.5	2707.2	52534.	21257.	
TPF 0.10%	33000.	8540.6	4373.0	84095.	28793.	
TPF 0.00%	0.78163E+07	0.65196E+06	0.17050E+07	0.28347E+08	0.23346E+07	

Rank 18 0.03% 5839.0 4224.4

Prob.	BOE (MBbl)	Oil (MBbl)	COil(MBbl)	Gas (MMcf)	SGas(MMcf)	
-----	-----	-----	-----	-----	-----	
Mean	0.03%	5839.0	2370.1	451.37	9068.6	7889.7
TPF 100.00%	183.42	74.451	14.179	284.87	247.84	
TPF 99.00%	328.04	133.16	25.358	509.49	443.25	
TPF 98.00%	473.94	192.38	36.637	736.09	640.39	
TPF 97.00%	621.14	252.13	48.015	964.70	839.29	
TPF 96.00%	769.66	312.41	59.496	1195.4	1040.0	
TPF 95.00%	919.53	373.25	71.082	1428.1	1242.5	
TPF 90.00%	1690.1	686.05	130.65	2625.0	2283.7	
TPF 85.00%	2170.0	880.84	167.75	3370.3	2932.2	
TPF 80.00%	2569.8	1043.1	198.65	3991.2	3472.3	
TPF 75.00%	2928.7	1188.8	226.39	4548.6	3957.3	
TPF 70.00%	3286.8	1334.2	254.08	5104.8	4441.2	
TPF 65.00%	3643.7	1479.0	281.67	5659.1	4923.4	

TPF	60.00%	4017.5	1630.8	310.56	6239.7	5428.5
TPF	55.00%	4405.1	1788.1	340.52	6841.6	5952.2
TPF	50.00%	4820.6	1956.7	372.64	7487.0	6513.6
TPF	45.00%	5273.4	2140.5	407.65	8190.3	7125.5
TPF	40.00%	5772.7	2343.2	446.24	8965.7	7800.2
TPF	35.00%	6330.1	2569.5	489.33	9831.4	8553.3
TPF	30.00%	6962.5	2826.2	538.22	10814.	9407.8
TPF	25.00%	7693.1	3045.4	623.27	12473.	10145.
TPF	20.00%	8564.3	3246.3	747.00	14860.	10829.
TPF	15.00%	9654.3	3497.8	901.80	17847.	11684.
TPF	10.00%	11259.	3867.9	1129.7	22244.	12943.
TPF	5.00%	13977.	4496.2	1515.9	29697.	15064.
TPF	4.00%	14859.	4701.0	1641.5	32120.	15745.
TPF	3.00%	15966.	4957.9	1799.0	35159.	16598.
TPF	2.00%	17604.	5338.0	2032.0	39655.	17861.
TPF	1.00%	20371.	5977.6	2426.9	47266.	19989.
TPF	0.10%	30231.	7980.0	3951.4	75960.	26887.
TPF	0.00%	0.78163E+07	0.65196E+06	0.17050E+07	0.28347E+08	0.23346E+07

Rank 19 0.01% 5498.2 3910.8

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

Mean	0.01%	5498.2	2231.8	425.03	8539.4	7429.3
TPF	100.00%	183.42	74.451	14.179	284.87	247.84
TPF	99.00%	316.39	128.43	24.458	491.40	427.51
TPF	98.00%	450.56	182.89	34.829	699.77	608.80
TPF	97.00%	585.94	237.84	45.294	910.03	791.72
TPF	96.00%	722.55	293.29	55.855	1122.2	976.32
TPF	95.00%	860.42	349.26	66.513	1336.3	1162.6
TPF	90.00%	1569.6	637.12	121.33	2437.8	2120.8
TPF	85.00%	2083.4	845.67	161.05	3235.7	2815.1
TPF	80.00%	2451.8	995.20	189.53	3807.9	3312.8
TPF	75.00%	2807.9	1139.8	217.06	4361.0	3794.1
TPF	70.00%	3138.4	1273.9	242.61	4874.4	4240.7
TPF	65.00%	3478.3	1411.9	268.88	5402.3	4699.9
TPF	60.00%	3829.4	1554.4	296.02	5947.6	5174.4
TPF	55.00%	4191.9	1701.5	324.04	6510.5	5664.2
TPF	50.00%	4579.2	1858.8	353.98	7112.1	6187.5
TPF	45.00%	4998.9	2029.1	386.43	7763.9	6754.6
TPF	40.00%	5462.1	2217.1	422.24	8483.4	7380.5
TPF	35.00%	5979.8	2427.3	462.26	9287.4	8080.0
TPF	30.00%	6567.8	2666.0	507.71	10201.	8874.5
TPF	25.00%	7250.3	2943.0	560.46	11261.	9796.6
TPF	20.00%	8062.6	3130.6	675.75	13485.	10435.
TPF	15.00%	9080.7	3365.5	820.35	16275.	11234.
TPF	10.00%	10514.	3696.1	1023.9	20203.	12358.
TPF	5.00%	13000.	4269.6	1376.9	27015.	14309.
TPF	4.00%	13821.	4460.1	1493.8	29270.	14944.
TPF	3.00%	14865.	4702.4	1642.4	32137.	15749.
TPF	2.00%	16288.	5032.4	1844.7	36040.	16846.
TPF	1.00%	18876.	5633.1	2213.0	43146.	18842.
TPF	0.10%	27786.	7483.7	3574.4	68832.	25182.
TPF	0.00%	0.78163E+07	0.65196E+06	0.17050E+07	0.28347E+08	0.23346E+07

Rank 20 0.00% 5178.9 3612.4

Prob.	BOE (MBbl)	Oil (MBbl)	COil(MBbl)	Gas (MMcf)	SGas(MMcf)	
----	-----	-----	-----	-----	-----	
Mean	0.00%	5178.9	2102.2	400.34	8043.4	6997.8
TPF	100.00%	183.42	74.451	14.179	284.87	247.84
TPF	99.00%	306.04	124.22	23.657	475.31	413.52
TPF	98.00%	429.76	174.44	33.221	667.47	580.70
TPF	97.00%	554.61	225.12	42.873	861.38	749.40
TPF	96.00%	680.61	276.27	52.613	1057.1	919.65
TPF	95.00%	807.78	327.89	62.443	1254.6	1091.5
TPF	90.00%	1462.0	593.46	113.02	2270.7	1975.5
TPF	85.00%	2005.9	814.22	155.06	3115.4	2710.4
TPF	80.00%	2346.0	952.27	181.35	3643.6	3170.0
TPF	75.00%	2699.5	1095.7	208.67	4192.6	3647.5
TPF	70.00%	3004.8	1219.7	232.28	4666.8	4060.1
TPF	65.00%	3329.0	1351.3	257.34	5170.3	4498.2
TPF	60.00%	3653.6	1483.0	282.43	5674.5	4936.8
TPF	55.00%	3998.2	1622.9	309.07	6209.7	5402.4
TPF	50.00%	4357.7	1768.9	336.86	6768.1	5888.2
TPF	45.00%	4747.5	1927.1	366.99	7373.4	6414.9
TPF	40.00%	5176.4	2101.1	400.15	8039.5	6994.4
TPF	35.00%	5655.9	2295.8	437.21	8784.2	7642.3
TPF	30.00%	6200.7	2516.9	479.33	9630.4	8378.4
TPF	25.00%	6833.3	2773.7	528.23	10613.	9233.2
TPF	20.00%	7588.9	3021.3	608.48	12187.	10063.
TPF	15.00%	8534.0	3239.4	742.71	14777.	10805.
TPF	10.00%	9818.4	3535.7	925.12	18297.	11813.
TPF	5.00%	12111.	4064.6	1250.7	24580.	13612.
TPF	4.00%	12824.	4229.0	1351.9	26533.	14171.
TPF	3.00%	13775.	4449.4	1487.2	29144.	14909.
TPF	2.00%	15108.	4758.7	1676.9	32803.	15936.
TPF	1.00%	17385.	5287.0	2000.8	39052.	17692.
TPF	0.10%	25354.	6989.5	3197.9	61756.	23478.
TPF	0.00%	0.78163E+07	0.65196E+06	0.17050E+07	0.28347E+08	0.23346E+07

Rank 21 0.00% 4842.8 3299.5

Prob.	BOE (MBbl)	Oil (MBbl)	COil(MBbl)	Gas (MMcf)	SGas(MMcf)	
----	-----	-----	-----	-----	-----	
Mean	0.00%	4842.8	1965.8	374.36	7521.5	6543.6
TPF	100.00%	183.42	74.451	14.179	284.87	247.84
TPF	99.00%	295.85	120.09	22.870	459.50	399.76
TPF	98.00%	409.30	166.14	31.640	635.69	553.05
TPF	97.00%	523.77	212.60	40.488	813.47	707.72
TPF	96.00%	639.29	259.49	49.418	992.89	863.81
TPF	95.00%	755.87	306.82	58.431	1174.0	1021.3
TPF	90.00%	1355.6	550.25	104.79	2105.4	1831.7
TPF	85.00%	1928.9	782.97	149.11	2995.8	2606.4
TPF	80.00%	2240.4	909.42	173.19	3479.7	3027.3
TPF	75.00%	2569.7	1043.1	198.64	3991.0	3472.2
TPF	70.00%	2870.2	1165.0	221.87	4457.7	3878.2
TPF	65.00%	3167.8	1285.9	244.88	4920.1	4280.4

TPF	60.00%	3474.5	1410.4	268.59	5396.4	4694.9
TPF	55.00%	3794.1	1540.1	293.29	5892.7	5126.6
TPF	50.00%	4128.3	1675.7	319.13	6411.7	5578.2
TPF	45.00%	4487.0	1821.3	346.85	6968.8	6062.8
TPF	40.00%	4878.4	1980.2	377.11	7576.7	6591.8
TPF	35.00%	5315.9	2157.8	410.93	8256.2	7182.9
TPF	30.00%	5812.8	2359.5	449.35	9028.0	7854.4
TPF	25.00%	6389.8	2593.7	493.95	9924.2	8634.0
TPF	20.00%	7080.8	2874.2	547.36	10997.	9567.7
TPF	15.00%	7944.6	3103.4	658.99	13162.	10342.
TPF	10.00%	9119.1	3374.3	825.80	16381.	11264.
TPF	5.00%	11141.	3840.8	1113.0	21922.	12851.
TPF	4.00%	11798.	3992.3	1206.2	23721.	13366.
TPF	3.00%	12626.	4183.3	1323.8	25990.	14016.
TPF	2.00%	13817.	4459.2	1493.3	29260.	14941.
TPF	1.00%	15837.	4928.0	1780.7	34805.	16499.
TPF	0.10%	22926.	6496.6	2822.3	54697.	21778.
TPF	0.00%	0.78163E+07	0.65196E+06	0.17050E+07	0.28347E+08	0.23346E+07

Rank 22 0.00% 4416.5 2936.2

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

Mean	0.00%	4416.5	1792.7	341.41	6859.4	5967.7
TPF	100.00%	183.42	74.451	14.179	284.87	247.84
TPF	99.00%	282.90	114.83	21.869	439.38	382.26
TPF	98.00%	383.24	155.56	29.625	595.22	517.84
TPF	97.00%	484.45	196.64	37.449	752.41	654.59
TPF	96.00%	586.54	238.08	45.341	910.97	792.54
TPF	95.00%	689.54	279.89	53.303	1070.9	931.71
TPF	90.00%	1218.8	494.71	94.214	1892.9	1646.8
TPF	85.00%	1773.7	719.96	137.11	2754.7	2396.6
TPF	80.00%	2103.5	853.84	162.61	3267.0	2842.3
TPF	75.00%	2392.7	971.23	184.96	3716.2	3233.0
TPF	70.00%	2694.3	1093.6	208.27	4184.5	3640.5
TPF	65.00%	2955.2	1199.6	228.44	4589.8	3993.1
TPF	60.00%	3234.3	1312.8	250.02	5023.3	4370.2
TPF	55.00%	3519.4	1428.6	272.06	5466.0	4755.4
TPF	50.00%	3822.5	1551.6	295.49	5936.8	5165.0
TPF	45.00%	4140.9	1680.9	320.10	6431.4	5595.3
TPF	40.00%	4487.6	1821.6	346.90	6969.7	6063.7
TPF	35.00%	4871.0	1977.2	376.54	7565.2	6581.7
TPF	30.00%	5307.1	2154.2	410.25	8242.6	7171.0
TPF	25.00%	5814.4	2360.1	449.47	9030.4	7856.5
TPF	20.00%	6423.5	2607.4	496.55	9976.5	8679.5
TPF	15.00%	7191.0	2918.9	555.88	11169.	9716.6
TPF	10.00%	8236.4	3170.7	700.43	13962.	10571.
TPF	5.00%	9947.7	3565.5	943.48	18651.	11914.
TPF	4.00%	10533.	3700.6	1026.7	20256.	12374.
TPF	3.00%	11285.	3874.1	1133.5	22317.	12964.
TPF	2.00%	12320.	4112.9	1280.5	25154.	13776.
TPF	1.00%	14110.	4527.0	1534.8	30062.	15167.
TPF	0.10%	20187.	5937.5	2399.6	46746.	19853.
TPF	0.00%	0.78163E+07	0.65196E+06	0.17050E+07	0.28347E+08	0.23346E+07

Rank 23 0.00% 3758.8 2495.8

Prob.	BOE (MBbl)	Oil (MBbl)	COil(MBbl)	Gas (MMcf)	SGas(MMcf)	
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Mean	0.00%	3758.8	1525.7	290.57	5837.9	5079.0
TPF 100.00%	183.42	74.451	14.179	284.87	247.84	
TPF 99.00%	257.49	104.52	19.904	399.91	347.92	
TPF 98.00%	332.27	134.87	25.686	516.06	448.97	
TPF 97.00%	407.80	165.53	31.524	633.36	551.02	
TPF 96.00%	484.07	196.49	37.420	751.82	654.08	
TPF 95.00%	561.10	227.76	43.374	871.46	758.17	
TPF 90.00%	958.30	388.99	74.079	1488.4	1294.9	
TPF 85.00%	1377.2	559.02	106.46	2138.9	1860.9	
TPF 80.00%	1820.4	738.90	140.72	2827.2	2459.7	
TPF 75.00%	2072.3	841.18	160.19	3218.6	2800.1	
TPF 70.00%	2307.8	936.77	178.40	3584.3	3118.3	
TPF 65.00%	2560.0	1039.1	197.89	3976.0	3459.1	
TPF 60.00%	2800.2	1136.6	216.46	4349.1	3783.7	
TPF 55.00%	3035.5	1232.2	234.66	4714.6	4101.7	
TPF 50.00%	3292.3	1336.4	254.50	5113.4	4448.6	
TPF 45.00%	3557.0	1443.8	274.96	5524.4	4806.2	
TPF 40.00%	3849.9	1562.7	297.60	5979.3	5202.0	
TPF 35.00%	4166.0	1691.0	322.04	6470.3	5629.1	
TPF 30.00%	4524.7	1836.6	349.77	7027.4	6113.8	
TPF 25.00%	4941.7	2005.9	382.00	7675.0	6677.3	
TPF 20.00%	5447.6	2211.2	421.11	8460.7	7360.8	
TPF 15.00%	6092.5	2473.0	470.97	9462.5	8232.3	
TPF 10.00%	6988.0	2836.5	540.19	10853.	9442.3	
TPF 5.00%	8476.3	3226.0	734.51	14619.	10759.	
TPF 4.00%	8945.5	3334.3	801.15	15905.	11128.	
TPF 3.00%	9543.8	3472.3	886.11	17544.	11597.	
TPF 2.00%	10415.	3673.4	1009.9	19933.	12281.	
TPF 1.00%	11962.	4030.1	1229.5	24171.	13495.	
TPF 0.10%	17189.	5241.7	1973.0	38516.	17541.	
TPF 0.00%	0.78163E+07	0.65196E+06	0.17050E+07	0.28347E+08	0.23346E+07	