

# GEOLOGIC ECONOMIC RESOURCE MODEL MODULE PSRK

Geologic Economic Resource Model (Ver 8.29.2005)

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The Current UAI AAAAADAU 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 20 - U. Brookian - Tertiary Turbidites-North Chukchi Basin

Geologist Kirk W. Sherwood

Remarks 2005 Assessment

Run date Date 16-SEP-05 Time 12:55:33

## USER SUPPLIED PARAMETERS

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RECOVERABLE RESOURCES? > R

### B) Pool Size Distribution

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Z PROB.

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EXPECTATION = 35598.

S.D. = 36913.

MU = 10.070

SIG.SQ. = 0.85826

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

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Mean	%	35598.	7285.1	5208.9	99598.	30248.
TPF	100.00%	437.39	166.22	32.387	654.41	687.54
TPF	99.00%	2619.5	995.48	193.96	3919.2	4117.6
TPF	98.00%	3395.3	1290.3	251.41	5080.0	5337.2
TPF	97.00%	4000.5	1520.3	296.22	5985.4	6288.4
TPF	96.00%	4498.6	1709.6	333.10	6730.7	7071.4
TPF	95.00%	4958.5	1884.4	367.16	7418.8	7794.4
TPF	90.00%	7027.0	2670.5	520.32	10514.	11046.
TPF	85.00%	8917.2	2932.7	842.11	16753.	12147.
TPF	80.00%	10764.	3188.8	1156.5	22849.	13222.
TPF	75.00%	12588.	3582.9	1408.0	27848.	14847.
TPF	70.00%	14588.	4014.9	1683.8	33328.	16628.
TPF	65.00%	16663.	4406.4	2015.1	39321.	18238.
TPF	60.00%	18920.	4832.0	2375.4	45838.	19987.
TPF	55.00%	21380.	5157.0	2801.2	54076.	21353.
TPF	50.00%	24124.	5519.5	3276.2	63266.	22877.
TPF	45.00%	27148.	5979.0	3801.0	72805.	24801.
TPF	40.00%	30669.	6514.1	4412.1	83914.	27041.
TPF	35.00%	34722.	7148.1	5067.3	96811.	29678.
TPF	30.00%	39419.	7882.8	5826.5	0.11176E+06	32734.

TPF	25.00%	45338.	8369.9	7069.4	0.13325E+06	34776.
TPF	20.00%	52581.	8966.1	8590.4	0.15956E+06	37275.
TPF	15.00%	62489.	9614.3	10576.	0.19776E+06	39956.
TPF	10.00%	77387.	10589.	13561.	0.25520E+06	43988.
TPF	5.00%	0.10447E+06	12690.	19577.	0.35299E+06	52784.
TPF	4.00%	0.11379E+06	13413.	21648.	0.38666E+06	55812.
TPF	3.00%	0.12627E+06	14381.	24420.	0.43172E+06	59866.
TPF	2.00%	0.14465E+06	15807.	28503.	0.49809E+06	65835.
TPF	1.00%	0.17840E+06	18424.	35998.	0.61995E+06	76795.
TPF	0.10%	0.32363E+06	29689.	68257.	0.11444E+07	0.12396E+06
TPF	0.00%	0.10862E+07	88839.	0.23764E+06	0.38979E+07	0.37163E+06

### C) No.of Pools Distribution

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Lower Support = 0  
Upper Support = 21  
Expectation = 2.07  
Standard Deviation= 2.60

Rank 1 49.05% 71945. 67813.

Prob.	BOE (MBbl)	Oil (MBbl)	COil(MBbl)	Gas (MMcf)	SGas(MMcf)
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Mean	49.05%	71945.	10233.	12471.	0.23422E+06	42516.
TPF	100.00%	437.39	166.22	32.387	654.41	687.54
TPF	99.00%	7279.7	2705.5	563.34	11348.	11193.
TPF	98.00%	10094.	3095.9	1042.4	20637.	12832.
TPF	97.00%	12220.	3503.5	1357.3	26840.	14519.
TPF	96.00%	14076.	3904.4	1613.2	31926.	16173.
TPF	95.00%	15712.	4227.0	1863.3	36575.	17500.
TPF	90.00%	22245.	5271.3	2950.9	56973.	21833.
TPF	85.00%	27478.	6029.2	3858.3	73847.	25011.
TPF	80.00%	32300.	6769.1	4675.7	89102.	28102.
TPF	75.00%	36771.	7468.7	5398.5	0.10333E+06	31011.
TPF	70.00%	41137.	8024.2	6187.2	0.11799E+06	33326.
TPF	65.00%	45460.	8380.0	7095.0	0.13370E+06	34818.
TPF	60.00%	50038.	8756.7	8056.3	0.15032E+06	36398.
TPF	55.00%	54639.	9100.7	9002.7	0.16750E+06	37832.
TPF	50.00%	59599.	9425.2	9996.7	0.18662E+06	39174.
TPF	45.00%	64895.	9771.7	11058.	0.20704E+06	40608.
TPF	40.00%	71062.	10175.	12294.	0.23081E+06	42277.
TPF	35.00%	76733.	10546.	13430.	0.25268E+06	43811.
TPF	30.00%	85741.	11237.	15417.	0.28537E+06	46701.
TPF	25.00%	94619.	11926.	17389.	0.31742E+06	49585.
TPF	20.00%	0.10292E+06	12569.	19232.	0.34739E+06	52280.
TPF	15.00%	0.11569E+06	13560.	22069.	0.39351E+06	56428.
TPF	10.00%	0.13558E+06	15103.	26488.	0.46535E+06	62890.
TPF	5.00%	0.17120E+06	17866.	34400.	0.59397E+06	74459.
TPF	4.00%	0.18398E+06	18857.	37237.	0.64009E+06	78607.
TPF	3.00%	0.22354E+06	21925.	46024.	0.78294E+06	91456.
TPF	2.00%	0.26268E+06	24962.	54720.	0.92429E+06	0.10417E+06
TPF	1.00%	0.30142E+06	27967.	63325.	0.10642E+07	0.11675E+06
TPF	0.10%	0.90582E+06	74849.	0.19758E+06	0.32466E+07	0.31305E+06
TPF	0.00%	0.10862E+07	88839.	0.23764E+06	0.38979E+07	0.37163E+06

Rank 2 45.34% 38186. 25746.

Prob.	BOE (MBbl)	Oil (MBbl)	COil(MBbl)	Gas (MMcf)	SGas(MMcf)
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Mean	45.34%	38186.	7689.9	5627.2	0.10783E+06 31931.
TPF 100.00%	437.39	166.22	32.387	654.41	687.54
TPF 99.00%	4006.7	1522.7	296.68	5994.8	6298.3
TPF 98.00%	5283.5	2007.9	391.22	7905.1	8305.3
TPF 97.00%	6346.8	2412.0	469.95	9495.9	9976.7
TPF 96.00%	7311.4	2709.9	568.73	11452.	11212.
TPF 95.00%	8160.3	2827.7	713.26	14255.	11706.
TPF 90.00%	11685.	3387.8	1283.5	25373.	14043.
TPF 85.00%	14635.	4023.9	1691.4	33465.	16665.
TPF 80.00%	17326.	4531.3	2120.8	41234.	18751.
TPF 75.00%	19887.	4959.8	2542.8	49078.	20525.
TPF 70.00%	22391.	5290.6	2976.3	57463.	21915.
TPF 65.00%	24879.	5634.2	3407.2	65647.	23357.
TPF 60.00%	27352.	6010.0	3836.4	73449.	24930.
TPF 55.00%	29997.	6411.9	4295.4	81793.	26613.
TPF 50.00%	32756.	6840.6	4749.5	90556.	28399.
TPF 45.00%	35593.	7284.4	5208.1	99582.	30245.
TPF 40.00%	38615.	7757.0	5696.5	0.10920E+06	32210.
TPF 35.00%	42097.	8103.2	6388.8	0.12148E+06	33658.
TPF 30.00%	45801.	8408.1	7166.6	0.13494E+06	34936.
TPF 25.00%	50201.	8770.2	8090.7	0.15092E+06	36454.
TPF 20.00%	55406.	9150.9	9156.6	0.17046E+06	38040.
TPF 15.00%	61695.	9562.4	10417.	0.19470E+06	39742.
TPF 10.00%	71463.	10201.	12374.	0.23236E+06	42385.
TPF 5.00%	88179.	11426.	15958.	0.29417E+06	47493.
TPF 4.00%	93285.	11822.	17093.	0.31261E+06	49152.
TPF 3.00%	98910.	12258.	18342.	0.33292E+06	50979.
TPF 2.00%	0.10601E+06	12809.	19919.	0.35855E+06	53284.
TPF 1.00%	0.12198E+06	14048.	23466.	0.41622E+06	58471.
TPF 0.10%	0.17768E+06	18369.	35839.	0.61736E+06	76562.
TPF 0.00%	0.10862E+07	88839.	0.23764E+06	0.38979E+07	0.37163E+06

Rank 3 38.14% 25633. 16990.

Prob.	BOE (MBbl)	Oil (MBbl)	COil(MBbl)	Gas (MMcf)	SGas(MMcf)
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Mean	38.14%	25633.	5748.8	3538.1	68026. 23837.
TPF 100.00%	437.39	166.22	32.387	654.41	687.54
TPF 99.00%	2885.4	1096.6	213.65	4317.1	4535.7
TPF 98.00%	3789.8	1440.2	280.62	5670.1	5957.2
TPF 97.00%	4463.3	1696.2	330.49	6677.8	7015.9
TPF 96.00%	5031.6	1912.1	372.56	7528.1	7909.2
TPF 95.00%	5535.9	2103.8	409.91	8282.7	8702.0
TPF 90.00%	7828.2	2781.6	656.73	13159.	11513.
TPF 85.00%	9777.7	3052.1	988.62	19594.	12648.
TPF 80.00%	11544.	3357.5	1264.1	24988.	13917.
TPF 75.00%	13240.	3723.7	1497.9	29634.	15428.
TPF 70.00%	14946.	4082.6	1741.0	34364.	16906.
TPF 65.00%	16619.	4398.0	2008.0	39193.	18203.

TPF	60.00%	18360.	4726.4	2285.9	44220.	19553.
TPF	55.00%	20148.	4994.3	2588.0	49951.	20669.
TPF	50.00%	22005.	5239.6	2909.5	56171.	21700.
TPF	45.00%	23970.	5499.1	3249.6	62750.	22791.
TPF	40.00%	26099.	5819.7	3619.1	69499.	24134.
TPF	35.00%	28427.	6173.5	4023.1	76843.	25615.
TPF	30.00%	31003.	6566.2	4466.0	84975.	27258.
TPF	25.00%	33995.	7034.3	4949.7	94497.	29205.
TPF	20.00%	37511.	7584.4	5518.2	0.10569E+06	31493.
TPF	15.00%	41949.	8091.0	6357.7	0.12094E+06	33607.
TPF	10.00%	48023.	8590.9	7633.3	0.14301E+06	35703.
TPF	5.00%	58098.	9327.0	9696.1	0.18084E+06	38768.
TPF	4.00%	61069.	9521.4	10291.	0.19229E+06	39572.
TPF	3.00%	65447.	9807.8	11169.	0.20917E+06	40757.
TPF	2.00%	71565.	10208.	12395.	0.23275E+06	42413.
TPF	1.00%	81770.	10929.	14535.	0.27103E+06	45412.
TPF	0.10%	0.11366E+06	13403.	21619.	0.38619E+06	55770.
TPF	0.00%	0.10862E+07	88839.	0.23764E+06	0.38979E+07	0.37163E+06

Rank 4 28.79% 19278. 12652.

Prob.	BOE (MBbl)	Oil (MBbl)	COil(MBbl)	Gas (MMcf)	SGas(MMcf)	
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Mean	28.79%	19278.	4879.4	2437.4	47037.	20186.
TPF	100.00%	437.39	166.22	32.387	654.41	687.54
TPF	99.00%	2135.8	811.68	158.15	3195.5	3357.3
TPF	98.00%	3046.7	1157.8	225.59	4558.3	4789.1
TPF	97.00%	3587.1	1363.2	265.61	5366.9	5638.6
TPF	96.00%	4039.1	1535.0	299.07	6043.1	6349.1
TPF	95.00%	4415.2	1677.9	326.93	6605.9	6940.3
TPF	90.00%	6006.0	2282.5	444.72	8986.0	9440.9
TPF	85.00%	7450.5	2729.2	592.41	11911.	11293.
TPF	80.00%	8772.3	2912.6	817.45	16275.	12062.
TPF	75.00%	10040.	3088.4	1033.3	20460.	12801.
TPF	70.00%	11277.	3299.7	1227.3	24256.	13679.
TPF	65.00%	12491.	3561.9	1394.6	27582.	14760.
TPF	60.00%	13802.	3845.3	1575.5	31176.	15929.
TPF	55.00%	15141.	4119.3	1772.2	34927.	17058.
TPF	50.00%	16515.	4378.5	1991.5	38894.	18123.
TPF	45.00%	18012.	4660.8	2230.4	43216.	19283.
TPF	40.00%	19605.	4922.6	2494.0	48132.	20368.
TPF	35.00%	21326.	5149.9	2791.8	53895.	21323.
TPF	30.00%	23314.	5412.5	3136.0	60554.	22427.
TPF	25.00%	25549.	5736.1	3523.6	67763.	23784.
TPF	20.00%	28193.	6137.8	3982.3	76102.	25465.
TPF	15.00%	31535.	6649.6	4552.1	86670.	27605.
TPF	10.00%	36079.	7360.4	5286.6	0.10113E+06	30561.
TPF	5.00%	43604.	8227.3	6705.4	0.12696E+06	34178.
TPF	4.00%	45915.	8417.4	7190.6	0.13535E+06	34975.
TPF	3.00%	49051.	8675.5	7849.1	0.14674E+06	36057.
TPF	2.00%	53037.	8995.9	8681.7	0.16132E+06	37399.
TPF	1.00%	60427.	9479.4	10163.	0.18981E+06	39399.
TPF	0.10%	86264.	11278.	15533.	0.28726E+06	46872.
TPF	0.00%	0.10862E+07	88839.	0.23764E+06	0.38979E+07	0.37163E+06

Rank 5 19.58% 15569. 10064.

Prob.	BOE (MBbl)	Oil (MBbl)	COil(MBbl)	Gas (MMcf)	SGas(MMcf)	
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Mean	19.58%	15569.	4199.9	1840.4	36161.	17389.
TPF 100.00%	437.39	166.22	32.387	654.41	687.54	
TPF 99.00%	1585.9	602.69	117.43	2372.8	2492.9	
TPF 98.00%	2660.0	1010.9	196.96	3979.8	4181.3	
TPF 97.00%	3067.7	1165.8	227.15	4589.8	4822.2	
TPF 96.00%	3457.6	1314.0	256.02	5173.2	5435.1	
TPF 95.00%	3775.2	1434.7	279.54	5648.4	5934.3	
TPF 90.00%	5061.8	1923.6	374.80	7573.3	7956.7	
TPF 85.00%	6146.6	2335.9	455.13	9196.4	9662.0	
TPF 80.00%	7216.6	2696.8	552.60	11139.	11156.	
TPF 75.00%	8216.3	2835.5	722.79	14440.	11739.	
TPF 70.00%	9217.6	2974.4	893.26	17745.	12322.	
TPF 65.00%	10215.	3112.7	1063.0	21037.	12902.	
TPF 60.00%	11222.	3287.9	1219.7	24105.	13631.	
TPF 55.00%	12244.	3508.5	1360.5	26904.	14540.	
TPF 50.00%	13359.	3749.4	1514.3	29960.	15534.	
TPF 45.00%	14544.	4005.4	1677.7	33207.	16589.	
TPF 40.00%	15820.	4247.3	1880.5	36886.	17584.	
TPF 35.00%	17203.	4508.3	2101.3	40881.	18656.	
TPF 30.00%	18749.	4799.8	2348.1	45344.	19855.	
TPF 25.00%	20549.	5047.2	2657.3	51293.	20892.	
TPF 20.00%	22682.	5329.1	3026.7	58438.	22076.	
TPF 15.00%	25332.	5703.2	3486.0	67079.	23646.	
TPF 10.00%	28964.	6255.0	4116.2	78535.	25956.	
TPF 5.00%	34926.	7180.0	5100.2	97459.	29811.	
TPF 4.00%	36865.	7483.3	5413.7	0.10363E+06	31072.	
TPF 3.00%	39150.	7840.8	5783.1	0.11090E+06	32559.	
TPF 2.00%	42691.	8152.1	6513.6	0.12364E+06	33863.	
TPF 1.00%	48443.	8625.5	7721.4	0.14453E+06	35847.	
TPF 0.10%	67648.	9951.8	11610.	0.21765E+06	41353.	
TPF 0.00%	0.10862E+07	88839.	0.23764E+06	0.38979E+07	0.37163E+06	

Rank 6 12.14% 13196. 8374.9

Prob.	BOE (MBbl)	Oil (MBbl)	COil(MBbl)	Gas (MMcf)	SGas(MMcf)	
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Mean	12.14%	13196.	3714.2	1491.8	29513.	15388.
TPF 100.00%	437.39	166.22	32.387	654.41	687.54	
TPF 99.00%	1291.8	490.93	95.652	1932.8	2030.6	
TPF 98.00%	2148.4	816.48	159.08	3214.4	3377.2	
TPF 97.00%	2757.4	1047.9	204.17	4125.6	4334.4	
TPF 96.00%	3063.7	1164.3	226.85	4583.7	4815.8	
TPF 95.00%	3370.8	1281.0	249.59	5043.2	5298.6	
TPF 90.00%	4481.3	1703.0	331.82	6704.9	7044.3	
TPF 85.00%	5370.5	2040.9	397.66	8035.1	8441.9	
TPF 80.00%	6226.3	2366.2	461.03	9315.6	9787.2	
TPF 75.00%	7094.1	2679.8	531.73	10735.	11085.	
TPF 70.00%	7912.2	2793.3	671.02	13436.	11561.	
TPF 65.00%	8752.8	2909.9	814.14	16211.	12051.	

TPF	60.00%	9603.6	3027.9	958.97	19019.	12547.
TPF	55.00%	10481.	3149.6	1108.3	21915.	13057.
TPF	50.00%	11386.	3323.3	1242.3	24555.	13777.
TPF	45.00%	12331.	3527.3	1372.5	27143.	14618.
TPF	40.00%	13398.	3757.9	1519.8	30068.	15569.
TPF	35.00%	14561.	4009.2	1680.1	33255.	16605.
TPF	30.00%	15861.	4255.1	1887.1	37005.	17616.
TPF	25.00%	17341.	4534.1	2123.2	41277.	18763.
TPF	20.00%	19092.	4854.7	2405.0	46412.	20083.
TPF	15.00%	21289.	5145.0	2785.5	53773.	21303.
TPF	10.00%	24324.	5549.9	3311.0	63897.	23004.
TPF	5.00%	29338.	6311.9	4181.2	79716.	26194.
TPF	4.00%	30881.	6547.2	4446.3	84588.	27179.
TPF	3.00%	32958.	6872.1	4782.1	91197.	28530.
TPF	2.00%	35738.	7307.0	5231.5	0.10004E+06	30339.
TPF	1.00%	40429.	7966.0	6038.6	0.11542E+06	33082.
TPF	0.10%	56117.	9197.4	9299.0	0.17320E+06	38232.
TPF	0.00%	0.10862E+07	88839.	0.23764E+06	0.38979E+07	0.37163E+06

Rank 7 6.97% 11573. 7207.2

Prob.	BOE (MBbl)	Oil (MBbl)	COil(MBbl)	Gas (MMcf)	SGas(MMcf)	
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Mean	6.97%	11573.	3363.6	1268.0	25066.	13943.
TPF	100.00%	437.39	166.22	32.387	654.41	687.54
TPF	99.00%	1114.0	423.36	82.488	1666.8	1751.1
TPF	98.00%	1793.7	681.67	132.82	2683.7	2819.6
TPF	97.00%	2476.6	941.17	183.38	3705.4	3893.0
TPF	96.00%	2812.6	1068.9	208.26	4208.1	4421.2
TPF	95.00%	3057.7	1162.0	226.41	4574.8	4806.4
TPF	90.00%	4084.0	1552.1	302.40	6110.4	6419.8
TPF	85.00%	4872.6	1851.7	360.80	7290.3	7659.4
TPF	80.00%	5581.5	2121.2	413.29	8350.9	8773.7
TPF	75.00%	6303.7	2395.6	466.76	9431.4	9908.9
TPF	70.00%	7048.6	2673.5	523.99	10585.	11058.
TPF	65.00%	7756.7	2771.7	644.55	12922.	11471.
TPF	60.00%	8494.3	2874.0	770.12	15357.	11900.
TPF	55.00%	9257.8	2979.9	900.10	17878.	12345.
TPF	50.00%	10050.	3089.9	1035.0	20494.	12807.
TPF	45.00%	10888.	3215.6	1173.6	23189.	13333.
TPF	40.00%	11771.	3406.5	1295.4	25610.	14120.
TPF	35.00%	12736.	3614.9	1428.4	28254.	14979.
TPF	30.00%	13874.	3860.7	1585.3	31371.	15992.
TPF	25.00%	15156.	4122.2	1774.6	34970.	17069.
TPF	20.00%	16645.	4402.9	2012.2	39269.	18224.
TPF	15.00%	18552.	4762.7	2316.7	44776.	19702.
TPF	10.00%	21135.	5124.6	2758.8	53256.	21217.
TPF	5.00%	25447.	5720.6	3505.9	67441.	23719.
TPF	4.00%	26756.	5919.5	3733.0	71570.	24551.
TPF	3.00%	28523.	6188.0	4039.7	77145.	25676.
TPF	2.00%	30910.	6551.8	4451.1	84682.	27198.
TPF	1.00%	34980.	7188.5	5109.0	97632.	29846.
TPF	0.10%	48361.	8618.7	7704.2	0.14423E+06	35819.
TPF	0.00%	0.10862E+07	88839.	0.23764E+06	0.38979E+07	0.37163E+06

Rank 8 3.75% 10409. 6366.7

Prob.	BOE (MBbl)	Oil (MBbl)	COil(MBbl)	Gas (MMcf)	SGas(MMcf)	
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Mean	3.75%	10409.	3139.7	1096.1	21678.	13016.
TPF	100.00%	437.39	166.22	32.387	654.41	687.54
TPF	99.00%	997.26	378.99	73.842	1492.1	1567.6
TPF	98.00%	1560.4	592.98	115.54	2334.6	2452.7
TPF	97.00%	2126.7	808.22	157.47	3182.0	3343.0
TPF	96.00%	2646.9	1005.9	195.99	3960.1	4160.6
TPF	95.00%	2850.6	1083.3	211.08	4265.0	4481.0
TPF	90.00%	3780.0	1436.5	279.89	5655.6	5941.9
TPF	85.00%	4506.6	1712.6	333.69	6742.6	7084.0
TPF	80.00%	5143.8	1954.8	380.87	7696.0	8085.6
TPF	75.00%	5758.0	2188.2	426.35	8614.9	9051.0
TPF	70.00%	6397.3	2431.2	473.69	9571.5	10056.
TPF	65.00%	7061.8	2675.3	526.25	10629.	11066.
TPF	60.00%	7701.8	2764.1	635.20	12741.	11439.
TPF	55.00%	8375.9	2857.6	749.97	14967.	11832.
TPF	50.00%	9086.1	2956.1	870.87	17311.	12245.
TPF	45.00%	9830.0	3059.3	997.52	19767.	12678.
TPF	40.00%	10630.	3170.2	1133.7	22406.	13144.
TPF	35.00%	11489.	3345.5	1256.5	24837.	13868.
TPF	30.00%	12433.	3549.5	1386.7	27424.	14709.
TPF	25.00%	13577.	3796.6	1544.5	30559.	15728.
TPF	20.00%	14921.	4077.7	1737.0	34290.	16887.
TPF	15.00%	16570.	4388.8	2000.3	39053.	18165.
TPF	10.00%	18850.	4818.9	2364.2	45636.	19933.
TPF	5.00%	22651.	5324.9	3021.3	58334.	22059.
TPF	4.00%	23822.	5479.7	3224.1	62257.	22709.
TPF	3.00%	25354.	5706.5	3489.8	67149.	23660.
TPF	2.00%	27420.	6020.4	3848.3	73665.	24974.
TPF	1.00%	31026.	6569.9	4469.7	85049.	27273.
TPF	0.10%	42702.	8153.0	6515.9	0.12368E+06	33866.
TPF	0.00%	0.10862E+07	88839.	0.23764E+06	0.38979E+07	0.37163E+06

Rank 9 1.92% 9549.0 5743.8

Prob.	BOE (MBbl)	Oil (MBbl)	COil(MBbl)	Gas (MMcf)	SGas(MMcf)	
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Mean	1.92%	9549.0	3020.3	949.69	18839.	12515.
TPF	100.00%	437.39	166.22	32.387	654.41	687.54
TPF	99.00%	916.57	348.32	67.868	1371.3	1440.8
TPF	98.00%	1398.9	531.63	103.58	2093.0	2199.0
TPF	97.00%	1884.5	716.15	139.54	2819.5	2962.2
TPF	96.00%	2373.3	901.92	175.73	3550.9	3730.6
TPF	95.00%	2706.9	1028.7	200.44	4050.0	4255.1
TPF	90.00%	3555.3	1351.1	263.26	5319.4	5588.7
TPF	85.00%	4229.1	1607.2	313.15	6327.4	6647.8
TPF	80.00%	4821.0	1832.1	356.98	7213.1	7578.3
TPF	75.00%	5370.6	2041.0	397.67	8035.3	8442.1
TPF	70.00%	5930.8	2253.9	439.15	8873.5	9322.8
TPF	65.00%	6518.8	2477.4	482.69	9753.3	10247.

TPF	60.00%	7128.8	2684.6	537.66	10850.	11105.
TPF	55.00%	7728.4	2767.8	639.73	12829.	11454.
TPF	50.00%	8366.9	2856.4	748.43	14937.	11826.
TPF	45.00%	9048.3	2950.9	864.45	17186.	12223.
TPF	40.00%	9771.5	3051.2	987.56	19574.	12644.
TPF	35.00%	10562.	3160.8	1122.1	22182.	13105.
TPF	30.00%	11429.	3332.5	1248.2	24672.	13815.
TPF	25.00%	12405.	3543.3	1382.8	27346.	14684.
TPF	20.00%	13626.	3807.1	1551.1	30692.	15771.
TPF	15.00%	15138.	4118.7	1771.6	34917.	17055.
TPF	10.00%	17178.	4503.4	2097.2	40806.	18636.
TPF	5.00%	20564.	5049.2	2660.0	51344.	20900.
TPF	4.00%	21612.	5187.6	2841.4	54853.	21482.
TPF	3.00%	23002.	5371.3	3082.0	59509.	22254.
TPF	2.00%	24889.	5635.7	3409.0	65679.	23363.
TPF	1.00%	28065.	6118.5	3960.3	75701.	25385.
TPF	0.10%	38367.	7718.2	5656.4	0.10841E+06	32049.
TPF	0.00%	0.10862E+07	88839.	0.23764E+06	0.38979E+07	0.37163E+06

Rank 10 0.94% 8900.8 5269.1

Prob.	BOE (MBbl)	Oil (MBbl)	COil(MBbl)	Gas (MMcf)	SGas(MMcf)	
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Mean	0.94%	8900.8	2930.4	839.32	16699.	12137.
TPF	100.00%	437.39	166.22	32.387	654.41	687.54
TPF	99.00%	859.34	326.57	63.630	1285.7	1350.8
TPF	98.00%	1284.3	488.08	95.098	1921.6	2018.8
TPF	97.00%	1712.4	650.75	126.79	2562.0	2691.7
TPF	96.00%	2143.6	814.62	158.72	3207.1	3369.5
TPF	95.00%	2577.9	979.70	190.89	3857.0	4052.3
TPF	90.00%	3394.8	1290.1	251.37	5079.2	5336.3
TPF	85.00%	4029.7	1531.4	298.38	6029.1	6334.3
TPF	80.00%	4573.8	1738.2	338.67	6843.2	7189.7
TPF	75.00%	5090.6	1934.6	376.94	7616.4	8002.0
TPF	70.00%	5592.2	2125.2	414.08	8366.9	8790.5
TPF	65.00%	6120.5	2326.0	453.19	9157.3	9620.9
TPF	60.00%	6679.1	2538.3	494.56	9993.1	10499.
TPF	55.00%	7251.6	2701.6	558.56	11255.	11177.
TPF	50.00%	7831.5	2782.1	657.29	13169.	11514.
TPF	45.00%	8455.8	2868.7	763.58	15230.	11878.
TPF	40.00%	9128.8	2962.0	878.14	17452.	12270.
TPF	35.00%	9855.7	3062.9	1001.9	19852.	12693.
TPF	30.00%	10665.	3175.1	1139.7	22523.	13165.
TPF	25.00%	11573.	3363.6	1268.1	25066.	13943.
TPF	20.00%	12633.	3592.7	1414.3	27972.	14887.
TPF	15.00%	14037.	3896.0	1607.9	31820.	16138.
TPF	10.00%	15912.	4264.8	1895.2	37153.	17655.
TPF	5.00%	18970.	4838.6	2383.9	46004.	20015.
TPF	4.00%	19960.	4969.4	2555.4	49320.	20565.
TPF	3.00%	21170.	5129.3	2764.9	53374.	21237.
TPF	2.00%	22919.	5360.4	3067.7	59232.	22208.
TPF	1.00%	25795.	5773.5	3566.3	68538.	23940.
TPF	0.10%	35068.	7202.2	5123.2	97911.	29903.
TPF	0.00%	0.10862E+07	88839.	0.23764E+06	0.38979E+07	0.37163E+06



Rank 11 0.45% 8399.8 4892.0

Prob.	BOE (MBbl)	Oil (MBbl)	COil(MBbl)	Gas (MMcf)	SGas(MMcf)	
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Mean	0.45%	8399.8	2860.9	754.03	15045.	11845.
TPF	100.00%	437.39	166.22	32.387	654.41	687.54
TPF	99.00%	818.06	310.89	60.573	1224.0	1285.9
TPF	98.00%	1201.6	456.65	88.974	1797.8	1888.8
TPF	97.00%	1588.1	603.52	117.59	2376.0	2496.3
TPF	96.00%	1977.5	751.53	146.43	2958.7	3108.5
TPF	95.00%	2370.0	900.69	175.49	3546.0	3725.5
TPF	90.00%	3245.5	1233.4	240.32	4855.9	5101.7
TPF	85.00%	3859.6	1466.8	285.79	5774.7	6067.0
TPF	80.00%	4384.5	1666.2	324.65	6560.0	6892.1
TPF	75.00%	4877.1	1853.5	361.13	7297.0	7666.4
TPF	70.00%	5342.9	2030.5	395.62	7994.0	8398.7
TPF	65.00%	5826.0	2214.0	431.39	8716.6	9157.9
TPF	60.00%	6338.0	2408.6	469.30	9482.7	9962.8
TPF	55.00%	6883.4	2615.9	509.69	10299.	10820.
TPF	50.00%	7429.9	2726.4	588.92	11844.	11281.
TPF	45.00%	8006.5	2806.4	687.07	13747.	11616.
TPF	40.00%	8634.3	2893.5	793.96	15820.	11982.
TPF	35.00%	9316.0	2988.0	910.03	18070.	12379.
TPF	30.00%	10070.	3092.6	1038.4	20559.	12818.
TPF	25.00%	10926.	3224.0	1178.9	23295.	13367.
TPF	20.00%	11918.	3438.1	1315.6	26011.	14250.
TPF	15.00%	13177.	3710.3	1489.3	29463.	15372.
TPF	10.00%	14921.	4077.8	1737.0	34291.	16887.
TPF	5.00%	17749.	4611.1	2188.4	42455.	19079.
TPF	4.00%	18622.	4775.8	2327.8	44977.	19756.
TPF	3.00%	19762.	4943.3	2521.1	48659.	20455.
TPF	2.00%	21301.	5146.6	2787.6	53812.	21309.
TPF	1.00%	23943.	5495.6	3244.9	62660.	22776.
TPF	0.10%	32408.	6786.1	4693.2	89446.	28172.
TPF	0.00%	0.10862E+07	88839.	0.23764E+06	0.38979E+07	0.37163E+06

Rank 12 0.22% 7991.0 4572.9

Prob.	BOE (MBbl)	Oil (MBbl)	COil(MBbl)	Gas (MMcf)	SGas(MMcf)	
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Mean	0.22%	7991.0	2804.2	684.44	13696.	11607.
TPF	100.00%	437.39	166.22	32.387	654.41	687.54
TPF	99.00%	787.07	299.11	58.279	1177.6	1237.2
TPF	98.00%	1139.5	433.03	84.372	1704.8	1791.2
TPF	97.00%	1494.6	568.01	110.67	2236.2	2349.5
TPF	96.00%	1852.6	704.06	137.18	2771.9	2912.2
TPF	95.00%	2213.5	841.20	163.90	3311.8	3479.5
TPF	90.00%	3132.7	1190.5	231.96	4687.1	4924.4
TPF	85.00%	3725.8	1415.9	275.88	5574.4	5856.7
TPF	80.00%	4235.4	1609.6	313.62	6336.9	6657.8
TPF	75.00%	4702.4	1787.0	348.19	7035.6	7391.8
TPF	70.00%	5151.2	1957.6	381.43	7707.1	8097.3
TPF	65.00%	5598.3	2127.5	414.53	8376.1	8800.1

TPF	60.00%	6072.9	2307.9	449.67	9086.1	9546.1
TPF	55.00%	6579.2	2500.3	487.16	9843.6	10342.
TPF	50.00%	7114.3	2682.6	535.17	10802.	11097.
TPF	45.00%	7651.0	2757.0	626.54	12573.	11409.
TPF	40.00%	8236.3	2838.2	726.20	14506.	11750.
TPF	35.00%	8881.8	2927.8	836.09	16637.	12126.
TPF	30.00%	9588.1	3025.8	956.34	18968.	12538.
TPF	25.00%	10393.	3137.4	1093.3	21625.	13006.
TPF	20.00%	11329.	3311.0	1234.4	24398.	13726.
TPF	15.00%	12467.	3556.9	1391.4	27518.	14740.
TPF	10.00%	14094.	3908.2	1615.7	31975.	16189.
TPF	5.00%	16683.	4410.2	2018.3	39379.	18253.
TPF	4.00%	17518.	4567.6	2151.6	41790.	18900.
TPF	3.00%	18544.	4761.2	2315.4	44753.	19696.
TPF	2.00%	19990.	4973.4	2560.6	49422.	20582.
TPF	1.00%	22393.	5290.9	2976.6	57470.	21916.
TPF	0.10%	30026.	6416.4	4300.5	81886.	26632.
TPF	0.00%	0.10862E+07	88839.	0.23764E+06	0.38979E+07	0.37163E+06

Rank 13 0.10% 7626.5 4284.0

Prob.	BOE (MBbl)	Oil (MBbl)	COil(MBbl)	Gas (MMcf)	SGas(MMcf)	
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Mean	0.10%	7626.5	2753.7	622.39	12493.	11395.
TPF	100.00%	437.39	166.22	32.387	654.41	687.54
TPF	99.00%	761.35	289.34	56.375	1139.1	1196.8
TPF	98.00%	1087.9	413.42	80.552	1627.6	1710.0
TPF	97.00%	1417.0	538.50	104.92	2120.1	2227.4
TPF	96.00%	1748.8	664.58	129.49	2616.4	2748.9
TPF	95.00%	2083.2	791.69	154.25	3116.9	3274.7
TPF	90.00%	3038.5	1154.7	224.99	4546.1	4776.2
TPF	85.00%	3613.5	1373.2	267.57	5406.4	5680.2
TPF	80.00%	4109.8	1561.9	304.31	6149.0	6460.3
TPF	75.00%	4554.5	1730.8	337.24	6814.3	7159.3
TPF	70.00%	4988.2	1895.7	369.35	7463.2	7841.0
TPF	65.00%	5403.8	2053.6	400.13	8085.1	8494.4
TPF	60.00%	5845.3	2221.4	432.82	8745.5	9188.3
TPF	55.00%	6316.5	2400.5	467.71	9450.6	9929.1
TPF	50.00%	6822.6	2592.8	505.18	10208.	10725.
TPF	45.00%	7340.6	2714.0	573.70	11549.	11229.
TPF	40.00%	7886.7	2789.7	666.68	13352.	11547.
TPF	35.00%	8489.5	2873.4	769.31	15342.	11898.
TPF	30.00%	9159.1	2966.2	883.30	17552.	12288.
TPF	25.00%	9912.4	3070.8	1011.6	20039.	12726.
TPF	20.00%	10796.	3195.9	1161.0	22939.	13251.
TPF	15.00%	11866.	3427.1	1308.5	25871.	14204.
TPF	10.00%	13341.	3745.6	1511.9	29912.	15518.
TPF	5.00%	15763.	4236.6	1871.4	36722.	17540.
TPF	4.00%	16494.	4374.4	1988.0	38831.	18106.
TPF	3.00%	17458.	4556.2	2141.9	41615.	18853.
TPF	2.00%	18757.	4801.3	2349.3	45368.	19861.
TPF	1.00%	20954.	5100.7	2727.4	52649.	21117.
TPF	0.10%	27910.	6094.9	3933.4	75212.	25286.
TPF	0.00%	0.10862E+07	88839.	0.23764E+06	0.38979E+07	0.37163E+06

Rank 14 0.05% 7273.4 4010.5

Prob.	BOE (MBbl)	Oil (MBbl)	COil(MBbl)	Gas (MMcf)	SGas(MMcf)	
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Mean	0.05%	7273.4	2704.7	562.27	11327.	11189.
TPF	100.00%	437.39	166.22	32.387	654.41	687.54
TPF	99.00%	737.05	280.10	54.575	1102.7	1158.6
TPF	98.00%	1039.1	394.88	76.939	1554.6	1633.3
TPF	97.00%	1343.5	510.58	99.482	2010.1	2111.9
TPF	96.00%	1650.4	627.22	122.21	2469.3	2594.4
TPF	95.00%	1959.9	744.81	145.12	2932.3	3080.8
TPF	90.00%	2949.0	1120.7	218.36	4412.3	4635.7
TPF	85.00%	3506.8	1332.7	259.66	5246.7	5512.4
TPF	80.00%	3988.0	1515.5	295.29	5966.7	6268.8
TPF	75.00%	4406.2	1674.5	326.26	6592.5	6926.2
TPF	70.00%	4818.1	1831.0	356.76	7208.7	7573.7
TPF	65.00%	5217.4	1982.8	386.33	7806.1	8201.3
TPF	60.00%	5626.6	2138.3	416.63	8418.4	8844.6
TPF	55.00%	6063.7	2304.4	448.99	9072.4	9531.7
TPF	50.00%	6533.4	2482.9	483.77	9775.1	10270.
TPF	45.00%	7040.6	2672.4	522.63	10558.	11054.
TPF	40.00%	7548.1	2742.8	609.04	12234.	11349.
TPF	35.00%	8108.9	2820.6	704.51	14085.	11676.
TPF	30.00%	8737.7	2907.8	811.56	16161.	12042.
TPF	25.00%	9444.3	3005.8	931.86	18493.	12454.
TPF	20.00%	10270.	3120.4	1072.5	21221.	12935.
TPF	15.00%	11278.	3299.9	1227.4	24258.	13680.
TPF	10.00%	12602.	3585.9	1409.9	27886.	14859.
TPF	5.00%	14857.	4065.7	1726.8	34106.	16837.
TPF	4.00%	15550.	4196.4	1837.4	36106.	17374.
TPF	3.00%	16406.	4357.8	1974.0	38577.	18038.
TPF	2.00%	17623.	4587.3	2168.3	42092.	18981.
TPF	1.00%	19627.	4925.4	2497.7	48205.	20380.
TPF	0.10%	25975.	5800.8	3597.5	69107.	24055.
TPF	0.00%	0.10862E+07	88839.	0.23764E+06	0.38979E+07	0.37163E+06

Rank 15 0.02% 6919.4 3748.4

Prob.	BOE (MBbl)	Oil (MBbl)	COil(MBbl)	Gas (MMcf)	SGas(MMcf)	
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Mean	0.02%	6919.4	2629.6	512.35	10353.	10877.
TPF	100.00%	437.39	166.22	32.387	654.41	687.54
TPF	99.00%	712.42	270.74	52.752	1065.9	1119.9
TPF	98.00%	989.65	376.10	73.279	1480.7	1555.7
TPF	97.00%	1269.1	482.30	93.973	1898.8	1995.0
TPF	96.00%	1550.9	589.38	114.83	2320.4	2437.8
TPF	95.00%	1834.9	697.33	135.87	2745.4	2884.4
TPF	90.00%	2858.5	1086.3	211.66	4276.8	4493.3
TPF	85.00%	3398.8	1291.6	251.66	5085.1	5342.6
TPF	80.00%	3841.0	1459.7	284.41	5746.7	6037.7
TPF	75.00%	4251.7	1615.8	314.82	6361.2	6683.3
TPF	70.00%	4643.0	1764.5	343.79	6946.7	7298.4
TPF	65.00%	5029.2	1911.2	372.39	7524.5	7905.5

TPF	60.00%	5406.1	2054.5	400.30	8088.4	8497.9
TPF	55.00%	5808.9	2207.6	430.12	8691.1	9131.1
TPF	50.00%	6242.1	2372.2	462.20	9339.2	9812.1
TPF	45.00%	6711.5	2550.6	496.95	10042.	10550.
TPF	40.00%	7207.7	2695.5	551.08	11110.	11151.
TPF	35.00%	7726.5	2767.5	639.40	12823.	11453.
TPF	30.00%	8309.0	2848.3	738.57	14746.	11793.
TPF	25.00%	8974.8	2940.7	851.93	16944.	12180.
TPF	20.00%	9742.9	3047.2	982.69	19479.	12628.
TPF	15.00%	10688.	3178.3	1143.6	22598.	13178.
TPF	10.00%	11926.	3439.8	1316.7	26033.	14257.
TPF	5.00%	13973.	3882.2	1599.1	31644.	16081.
TPF	4.00%	14604.	4018.0	1686.4	33376.	16641.
TPF	3.00%	15415.	4170.9	1815.8	35716.	17270.
TPF	2.00%	16498.	4375.3	1988.8	38845.	18110.
TPF	1.00%	18344.	4723.3	2283.4	44174.	19541.
TPF	0.10%	24120.	5519.1	3275.7	63255.	22875.
TPF	0.00%	0.10862E+07	88839.	0.23764E+06	0.38979E+07	0.37163E+06

Rank 16 0.01% 6566.2 3497.2

Prob.	BOE (MBbl)	Oil (MBbl)	COil(MBbl)	Gas (MMcf)	SGas(MMcf)	
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Mean	0.01%	6566.2	2495.4	486.20	9824.2	10322.
TPF	100.00%	437.39	166.22	32.387	654.41	687.54
TPF	99.00%	687.73	261.36	50.924	1029.0	1081.1
TPF	98.00%	940.11	357.27	69.611	1406.6	1477.8
TPF	97.00%	1194.5	453.96	88.451	1787.2	1877.7
TPF	96.00%	1451.1	551.46	107.45	2171.1	2281.0
TPF	95.00%	1709.8	649.77	126.60	2558.1	2687.6
TPF	90.00%	2767.9	1051.9	204.95	4141.2	4350.9
TPF	85.00%	3261.2	1239.4	241.48	4879.3	5126.4
TPF	80.00%	3694.1	1403.9	273.53	5527.0	5806.8
TPF	75.00%	4097.4	1557.1	303.39	6130.4	6440.8
TPF	70.00%	4465.8	1697.1	330.67	6681.6	7019.8
TPF	65.00%	4828.6	1835.0	357.54	7224.4	7590.2
TPF	60.00%	5186.5	1971.0	384.04	7759.9	8152.8
TPF	55.00%	5555.4	2111.2	411.35	8311.8	8732.7
TPF	50.00%	5952.5	2262.1	440.76	8906.0	9356.9
TPF	45.00%	6383.3	2425.8	472.65	9550.5	10034.
TPF	40.00%	6854.9	2605.1	507.57	10256.	10775.
TPF	35.00%	7347.0	2714.9	574.80	11570.	11232.
TPF	30.00%	7883.7	2789.3	666.17	13342.	11545.
TPF	25.00%	8499.5	2874.8	771.01	15375.	11904.
TPF	20.00%	9219.4	2974.6	893.57	17751.	12323.
TPF	15.00%	10095.	3096.1	1042.7	20643.	12833.
TPF	10.00%	11254.	3294.8	1224.1	24193.	13659.
TPF	5.00%	13101.	3693.7	1478.7	29253.	15304.
TPF	4.00%	13693.	3821.6	1560.4	30876.	15831.
TPF	3.00%	14429.	3980.6	1661.9	32893.	16487.
TPF	2.00%	15448.	4177.1	1821.1	35811.	17295.
TPF	1.00%	17111.	4490.8	2086.5	40613.	18584.
TPF	0.10%	22407.	5292.8	2979.1	57518.	21924.
TPF	0.00%	0.10862E+07	88839.	0.23764E+06	0.38979E+07	0.37163E+06

Rank 17 0.01% 6216.4 3254.0

Prob.	BOE (MBbl)	Oil (MBbl)	COil(MBbl)	Gas (MMcf)	SGas(MMcf)	
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Mean	0.01%	6216.4	2362.4	460.30	9300.8	9771.7
TPF	100.00%	437.39	166.22	32.387	654.41	687.54
TPF	99.00%	663.83	252.28	49.154	993.21	1043.5
TPF	98.00%	892.14	339.04	66.059	1334.8	1402.4
TPF	97.00%	1122.3	426.52	83.105	1679.2	1764.2
TPF	96.00%	1354.5	514.75	100.29	2026.5	2129.1
TPF	95.00%	1588.6	603.72	117.63	2376.8	2497.2
TPF	90.00%	2680.2	1018.5	198.45	4010.0	4213.0
TPF	85.00%	3127.1	1188.4	231.55	4678.7	4915.6
TPF	80.00%	3551.8	1349.8	263.00	5314.1	5583.2
TPF	75.00%	3936.6	1496.0	291.49	5889.9	6188.1
TPF	70.00%	4282.4	1627.4	317.09	6407.2	6731.6
TPF	65.00%	4626.4	1758.2	342.56	6921.9	7272.3
TPF	60.00%	4973.4	1890.0	368.26	7441.1	7817.8
TPF	55.00%	5309.2	2017.7	393.12	7943.5	8345.6
TPF	50.00%	5671.0	2155.1	419.91	8484.7	8914.3
TPF	45.00%	6063.8	2304.4	448.99	9072.4	9531.7
TPF	40.00%	6494.2	2468.0	480.87	9716.5	10208.
TPF	35.00%	6971.5	2649.4	516.21	10431.	10959.
TPF	30.00%	7467.3	2731.6	595.28	11967.	11302.
TPF	25.00%	8031.5	2809.8	691.32	13829.	11631.
TPF	20.00%	8698.7	2902.4	804.92	16032.	12020.
TPF	15.00%	9509.5	3014.9	942.96	18709.	12492.
TPF	10.00%	10584.	3164.0	1126.0	22257.	13118.
TPF	5.00%	12259.	3511.8	1362.6	26945.	14554.
TPF	4.00%	12780.	3624.3	1434.5	28373.	15018.
TPF	3.00%	13468.	3773.0	1529.4	30260.	15631.
TPF	2.00%	14396.	3973.4	1657.3	32801.	16457.
TPF	1.00%	15926.	4267.4	1897.5	37193.	17666.
TPF	0.10%	20728.	5070.9	2688.4	51894.	20991.
TPF	0.00%	0.10862E+07	88839.	0.23764E+06	0.38979E+07	0.37163E+06

Rank 18 0.00% 5862.4 3011.4

Prob.	BOE (MBbl)	Oil (MBbl)	COil(MBbl)	Gas (MMcf)	SGas(MMcf)	
-----	-----	-----	-----	-----	-----	
Mean	0.00%	5862.4	2227.9	434.09	8771.2	9215.2
TPF	100.00%	437.39	166.22	32.387	654.41	687.54
TPF	99.00%	640.87	243.55	47.454	958.86	1007.4
TPF	98.00%	846.05	321.52	62.646	1265.8	1329.9
TPF	97.00%	1052.9	400.15	77.966	1575.4	1655.1
TPF	96.00%	1261.6	479.45	93.416	1887.6	1983.1
TPF	95.00%	1472.0	559.42	109.00	2202.4	2313.9
TPF	90.00%	2552.4	969.97	188.99	3818.8	4012.1
TPF	85.00%	2997.6	1139.2	221.96	4485.0	4712.0
TPF	80.00%	3414.2	1297.5	252.81	5108.3	5366.9
TPF	75.00%	3760.6	1429.1	278.46	5626.5	5911.3
TPF	70.00%	4104.2	1559.7	303.90	6140.6	6451.4
TPF	65.00%	4423.6	1681.1	327.55	6618.4	6953.5

TPF	60.00%	4743.5	1802.7	351.23	7097.1	7456.4
TPF	55.00%	5067.8	1925.9	375.25	7582.2	7966.1
TPF	50.00%	5394.0	2049.9	399.40	8070.3	8478.9
TPF	45.00%	5748.2	2184.5	425.63	8600.4	9035.8
TPF	40.00%	6136.7	2332.1	454.39	9181.5	9646.4
TPF	35.00%	6567.7	2495.9	486.31	9826.4	10324.
TPF	30.00%	7051.0	2673.8	524.40	10593.	11060.
TPF	25.00%	7561.4	2744.6	611.30	12278.	11357.
TPF	20.00%	8166.1	2828.5	714.24	14274.	11709.
TPF	15.00%	8915.3	2932.4	841.79	16747.	12146.
TPF	10.00%	9895.4	3068.4	1008.7	19983.	12716.
TPF	5.00%	11441.	3335.2	1249.9	24705.	13825.
TPF	4.00%	11907.	3435.8	1314.1	25981.	14240.
TPF	3.00%	12489.	3561.5	1394.4	27577.	14759.
TPF	2.00%	13343.	3746.1	1512.2	29918.	15520.
TPF	1.00%	14739.	4043.5	1708.0	33765.	16746.
TPF	0.10%	19090.	4854.5	2404.8	46408.	20082.
TPF	0.00%	0.10862E+07	88839.	0.23764E+06	0.38979E+07	0.37163E+06

Rank 19 0.00% 5478.1 2757.1

Prob.	BOE (MBbl)	Oil (MBbl)	COil(MBbl)	Gas (MMcf)	SGas(MMcf)	
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Mean	0.00%	5478.1	2081.8	405.63	8196.2	8611.1
TPF	100.00%	437.39	166.22	32.387	654.41	687.54
TPF	99.00%	617.41	234.63	45.716	923.75	970.52
TPF	98.00%	798.92	303.61	59.156	1195.3	1255.8
TPF	97.00%	981.93	373.16	72.708	1469.1	1543.5
TPF	96.00%	1166.5	443.30	86.373	1745.3	1833.6
TPF	95.00%	1352.6	514.03	100.15	2023.7	2126.2
TPF	90.00%	2307.7	877.01	170.88	3452.8	3627.6
TPF	85.00%	2863.9	1088.4	212.06	4284.9	4501.8
TPF	80.00%	3236.5	1230.0	239.65	4842.4	5087.5
TPF	75.00%	3577.2	1359.4	264.87	5352.1	5623.0
TPF	70.00%	3899.9	1482.1	288.77	5835.0	6130.4
TPF	65.00%	4199.3	1595.9	310.94	6282.9	6601.0
TPF	60.00%	4499.1	1709.8	333.14	6731.5	7072.3
TPF	55.00%	4795.6	1822.5	355.09	7175.1	7538.3
TPF	50.00%	5099.4	1937.9	377.59	7629.5	8015.8
TPF	45.00%	5411.5	2056.5	400.70	8096.6	8506.5
TPF	40.00%	5753.9	2186.7	426.05	8608.8	9044.7
TPF	35.00%	6134.1	2331.1	454.20	9177.6	9642.3
TPF	30.00%	6562.9	2494.1	485.96	9819.3	10316.
TPF	25.00%	7054.6	2674.3	525.01	10605.	11062.
TPF	20.00%	7591.1	2748.7	616.35	12376.	11374.
TPF	15.00%	8258.5	2841.3	729.97	14579.	11763.
TPF	10.00%	9151.9	2965.3	882.08	17528.	12283.
TPF	5.00%	10558.	3160.3	1121.5	22171.	13102.
TPF	4.00%	10986.	3236.8	1187.1	23458.	13420.
TPF	3.00%	11519.	3352.1	1260.7	24920.	13895.
TPF	2.00%	12246.	3509.1	1360.9	26911.	14543.
TPF	1.00%	13507.	3781.3	1534.7	30365.	15665.
TPF	0.10%	17463.	4557.2	2142.8	41631.	18858.
TPF	0.00%	0.10862E+07	88839.	0.23764E+06	0.38979E+07	0.37163E+06

Rank 20 0.00% 5006.3 2478.7

Prob.	BOE (MBbl)	Oil (MBbl)	COil(MBbl)	Gas (MMcf)	SGas(MMcf)	
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Mean	0.00%	5006.3	1902.5	370.69	7490.3	7869.5
TPF	100.00%	437.39	166.22	32.387	654.41	687.54
TPF	99.00%	588.73	223.74	43.593	880.85	925.44
TPF	98.00%	741.25	281.70	54.886	1109.0	1165.2
TPF	97.00%	894.96	340.11	66.268	1339.0	1406.8
TPF	96.00%	1049.9	398.99	77.739	1570.8	1650.3
TPF	95.00%	1206.0	458.33	89.302	1804.5	1895.8
TPF	90.00%	2006.5	762.53	148.57	3002.0	3154.0
TPF	85.00%	2698.7	1025.6	199.83	4037.8	4242.2
TPF	80.00%	3010.1	1143.9	222.88	4503.6	4731.6
TPF	75.00%	3337.3	1268.3	247.12	4993.2	5246.0
TPF	70.00%	3619.5	1375.5	268.01	5415.4	5689.5
TPF	65.00%	3905.0	1484.0	289.15	5842.6	6138.4
TPF	60.00%	4172.4	1585.6	308.95	6242.6	6558.7
TPF	55.00%	4440.9	1687.7	328.83	6644.3	6980.7
TPF	50.00%	4712.9	1791.1	348.97	7051.4	7408.3
TPF	45.00%	4999.7	1900.0	370.20	7480.4	7859.1
TPF	40.00%	5287.9	2009.6	391.55	7911.7	8312.2
TPF	35.00%	5609.1	2131.6	415.33	8392.2	8817.1
TPF	30.00%	5973.0	2269.9	442.28	8936.7	9389.1
TPF	25.00%	6394.6	2430.1	473.49	9567.4	10052.
TPF	20.00%	6898.6	2621.7	510.81	10321.	10844.
TPF	15.00%	7487.1	2734.3	598.66	12033.	11314.
TPF	10.00%	8273.2	2843.4	732.49	14628.	11772.
TPF	5.00%	9536.6	3018.6	947.57	18798.	12508.
TPF	4.00%	9923.1	3072.2	1013.4	20074.	12733.
TPF	3.00%	10411.	3140.0	1096.5	21686.	13017.
TPF	2.00%	11077.	3256.6	1199.7	23708.	13501.
TPF	1.00%	12163.	3491.2	1349.5	26684.	14469.
TPF	0.10%	15738.	4231.9	1867.4	36650.	17520.
TPF	0.00%	0.10862E+07	88839.	0.23764E+06	0.38979E+07	0.37163E+06

Rank 21 0.00% 4330.0 2179.0

Prob.	BOE (MBbl)	Oil (MBbl)	COil(MBbl)	Gas (MMcf)	SGas(MMcf)	
-----	-----	-----	-----	-----	-----	
Mean	0.00%	4330.0	1645.5	320.61	6478.4	6806.3
TPF	100.00%	437.39	166.22	32.387	654.41	687.54
TPF	99.00%	541.79	205.90	40.118	810.62	851.66
TPF	98.00%	647.21	245.96	47.923	968.34	1017.4
TPF	97.00%	753.66	286.41	55.805	1127.6	1184.7
TPF	96.00%	861.16	327.27	63.765	1288.4	1353.7
TPF	95.00%	969.72	368.52	71.804	1450.9	1524.3
TPF	90.00%	1529.4	581.23	113.25	2288.3	2404.2
TPF	85.00%	2119.6	805.51	156.95	3171.3	3331.8
TPF	80.00%	2663.7	1012.3	197.23	3985.3	4187.1
TPF	75.00%	2899.2	1101.8	214.68	4337.8	4557.4
TPF	70.00%	3150.3	1197.2	233.26	4713.3	4952.0
TPF	65.00%	3413.8	1297.3	252.77	5107.6	5366.2

TPF	60.00%	3639.3	1383.0	269.47	5445.0	5720.7
TPF	55.00%	3883.5	1475.8	287.56	5810.4	6104.5
TPF	50.00%	4123.4	1567.0	305.32	6169.3	6481.7
TPF	45.00%	4364.6	1658.7	323.18	6530.2	6860.8
TPF	40.00%	4622.5	1756.7	342.28	6916.1	7266.3
TPF	35.00%	4901.6	1862.8	362.94	7333.7	7705.0
TPF	30.00%	5195.2	1974.3	384.68	7772.9	8166.4
TPF	25.00%	5532.9	2102.7	409.68	8278.1	8697.2
TPF	20.00%	5942.2	2258.2	439.99	8890.5	9340.6
TPF	15.00%	6463.5	2456.3	478.59	9670.5	10160.
TPF	10.00%	7172.6	2690.7	545.10	10994.	11131.
TPF	5.00%	8272.5	2843.3	732.36	14625.	11771.
TPF	4.00%	8618.9	2891.3	791.34	15769.	11973.
TPF	3.00%	9056.9	2952.1	865.90	17214.	12228.
TPF	2.00%	9654.5	3035.0	967.64	19187.	12576.
TPF	1.00%	10650.	3173.0	1137.1	22473.	13156.
TPF	0.10%	13800.	3844.8	1575.2	31170.	15927.
TPF	0.00%	0.10862E+07	88839.	0.23764E+06	0.38979E+07	0.37163E+06