

# GEOLOGIC ECONOMIC RESOURCE MODEL MODULE PSRK

Geologic Economic Resource Model (Ver 8.29.2005)

\*\*\*\*\*

The Current UAI AAAAAAHAF is for

World Level - World Level Resources  
Country Level - UNITED STATES OF AMERICA  
Region Level - MMS - ALASKA REGION  
Basin Level - NORTH ALEUTIAN BASIN  
Play Level - Play 5 - Mesozoic - Deformed Sedimentary Rocks  
Geologist Sherwood  
Remarks 2005 A  
Run date Date 16-SEP-05 Time 14:21:52

## USER SUPPLIED PARAMETERS

-----

RECOVERABLE RESOURCES? > R

## B) Pool Size Distribution

-----

Z PROB.

-----

EXPECTATION = 28567.

S.D. = 42313.

MU = 9.5639

SIG.SQ. = 1.6086

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

-----

Mean	%	28567.	26586.	0.0000	0.0000	11133.
TPF 100.00%	6.0739	5.6587	0.0000	0.0000	2.3331	
TPF 99.00%	484.81	451.68	0.0000	0.0000	186.22	
TPF 98.00%	759.59	707.67	0.0000	0.0000	291.77	
TPF 97.00%	1016.5	947.02	0.0000	0.0000	390.45	
TPF 96.00%	1275.9	1188.7	0.0000	0.0000	490.09	
TPF 95.00%	1523.5	1419.4	0.0000	0.0000	585.20	
TPF 90.00%	2756.7	2568.3	0.0000	0.0000	1058.9	
TPF 85.00%	3955.4	3685.2	0.0000	0.0000	1518.5	
TPF 80.00%	5171.4	4818.2	0.0000	0.0000	1984.8	
TPF 75.00%	6482.0	6039.8	0.0000	0.0000	2485.2	
TPF 70.00%	7926.3	7385.9	0.0000	0.0000	3036.8	
TPF 65.00%	9502.7	8849.3	0.0000	0.0000	3672.1	
TPF 60.00%	11261.	10481.	0.0000	0.0000	4380.7	
TPF 55.00%	13212.	12304.	0.0000	0.0000	5104.3	
TPF 50.00%	15442.	14387.	0.0000	0.0000	5931.0	
TPF 45.00%	18108.	16855.	0.0000	0.0000	7040.3	
TPF 40.00%	21154.	19676.	0.0000	0.0000	8307.7	
TPF 35.00%	24761.	23038.	0.0000	0.0000	9682.3	
TPF 30.00%	29066.	27051.	0.0000	0.0000	11323.	

TPF	25.00%	34590.	32182.	0.0000	0.0000	13537.
TPF	20.00%	41673.	38759.	0.0000	0.0000	16375.
TPF	15.00%	51384.	47767.	0.0000	0.0000	20328.
TPF	10.00%	66531.	61817.	0.0000	0.0000	26493.
TPF	5.00%	96109.	89202.	0.0000	0.0000	38815.
TPF	4.00%	0.10699E+06	99275.	0.0000	0.0000	43347.
TPF	3.00%	0.12254E+06	0.11368E+06	0.0000	0.0000	49827.
TPF	2.00%	0.14583E+06	0.13523E+06	0.0000	0.0000	59527.
TPF	1.00%	0.19549E+06	0.18122E+06	0.0000	0.0000	80217.
TPF	0.10%	0.43295E+06	0.40107E+06	0.0000	0.0000	0.17914E+06
TPF	0.00%	0.17169E+07	0.15899E+07	0.0000	0.0000	0.71403E+06

### C) No.of Pools Distribution

-----  
Lower Support = 0  
Upper Support = 13  
Expectation = 1.43  
Standard Deviation= 2.06

Rank 1 39.25% 62935. 89800.

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

Mean	39.25%	62935.	58482.	0.0000	0.0000	25029.
TPF	100.00%	6.0739	5.6587	0.0000	0.0000	2.3331
TPF	99.00%	2652.9	2471.6	0.0000	0.0000	1019.0
TPF	98.00%	4305.8	4011.7	0.0000	0.0000	1652.9
TPF	97.00%	5646.0	5260.6	0.0000	0.0000	2166.0
TPF	96.00%	6838.0	6371.6	0.0000	0.0000	2621.2
TPF	95.00%	7925.3	7385.0	0.0000	0.0000	3036.4
TPF	90.00%	12573.	11707.	0.0000	0.0000	4867.0
TPF	85.00%	16602.	15461.	0.0000	0.0000	6413.7
TPF	80.00%	20421.	18997.	0.0000	0.0000	8002.8
TPF	75.00%	24123.	22444.	0.0000	0.0000	9439.4
TPF	70.00%	27836.	25904.	0.0000	0.0000	10854.
TPF	65.00%	31726.	29521.	0.0000	0.0000	12389.
TPF	60.00%	35694.	33207.	0.0000	0.0000	13979.
TPF	55.00%	39959.	37167.	0.0000	0.0000	15688.
TPF	50.00%	44606.	41480.	0.0000	0.0000	17569.
TPF	45.00%	49428.	45953.	0.0000	0.0000	19532.
TPF	40.00%	55252.	51355.	0.0000	0.0000	21902.
TPF	35.00%	61660.	57298.	0.0000	0.0000	24510.
TPF	30.00%	68674.	63802.	0.0000	0.0000	27386.
TPF	25.00%	79586.	73904.	0.0000	0.0000	31932.
TPF	20.00%	89844.	83402.	0.0000	0.0000	36205.
TPF	15.00%	0.10239E+06	95020.	0.0000	0.0000	41432.
TPF	10.00%	0.12550E+06	0.11642E+06	0.0000	0.0000	51061.
TPF	5.00%	0.17556E+06	0.16277E+06	0.0000	0.0000	71914.
TPF	4.00%	0.18975E+06	0.17590E+06	0.0000	0.0000	77825.
TPF	3.00%	0.23963E+06	0.22208E+06	0.0000	0.0000	98604.
TPF	2.00%	0.31356E+06	0.29053E+06	0.0000	0.0000	0.12940E+06
TPF	1.00%	0.38679E+06	0.35833E+06	0.0000	0.0000	0.15991E+06
TPF	0.10%	0.13654E+07	0.12644E+07	0.0000	0.0000	0.56758E+06
TPF	0.00%	0.17169E+07	0.15899E+07	0.0000	0.0000	0.71403E+06

Rank 2 35.91% 26120. 23451.

Prob.	BOE (MBbl)	Oil (MBbl)	COil(MBbl)	Gas (MMcf)	SGas(MMcf)	
----	-----	-----	-----	-----	-----	
Mean	35.91%	26120.	24305.	0.0000	0.0000	10200.
TPF	100.00%	6.0739	5.6587	0.0000	0.0000	2.3331
TPF	99.00%	883.24	822.87	0.0000	0.0000	339.26
TPF	98.00%	1473.0	1372.3	0.0000	0.0000	565.81
TPF	97.00%	2008.8	1871.5	0.0000	0.0000	771.59
TPF	96.00%	2513.5	2341.7	0.0000	0.0000	965.48
TPF	95.00%	2984.6	2780.7	0.0000	0.0000	1146.3
TPF	90.00%	5017.0	4674.4	0.0000	0.0000	1925.6
TPF	85.00%	6855.4	6387.8	0.0000	0.0000	2627.8
TPF	80.00%	8633.3	8042.2	0.0000	0.0000	3321.7
TPF	75.00%	10383.	9666.2	0.0000	0.0000	4026.8
TPF	70.00%	12141.	11303.	0.0000	0.0000	4706.9
TPF	65.00%	13934.	12978.	0.0000	0.0000	5371.7
TPF	60.00%	15805.	14723.	0.0000	0.0000	6082.1
TPF	55.00%	17847.	16614.	0.0000	0.0000	6931.7
TPF	50.00%	20031.	18636.	0.0000	0.0000	7840.4
TPF	45.00%	22353.	20794.	0.0000	0.0000	8764.8
TPF	40.00%	24819.	23092.	0.0000	0.0000	9704.6
TPF	35.00%	27695.	25774.	0.0000	0.0000	10801.
TPF	30.00%	30968.	28818.	0.0000	0.0000	12085.
TPF	25.00%	34664.	32250.	0.0000	0.0000	13566.
TPF	20.00%	39486.	36728.	0.0000	0.0000	15499.
TPF	15.00%	45599.	42400.	0.0000	0.0000	17973.
TPF	10.00%	54126.	50310.	0.0000	0.0000	21444.
TPF	5.00%	69519.	64583.	0.0000	0.0000	27738.
TPF	4.00%	76031.	70613.	0.0000	0.0000	30451.
TPF	3.00%	83236.	77283.	0.0000	0.0000	33452.
TPF	2.00%	91539.	84971.	0.0000	0.0000	36911.
TPF	1.00%	0.10693E+06	99218.	0.0000	0.0000	43321.
TPF	0.10%	0.18409E+06	0.17066E+06	0.0000	0.0000	75465.
TPF	0.00%	0.17169E+07	0.15899E+07	0.0000	0.0000	0.71403E+06

Rank 3 28.93% 15059. 13338.

Prob.	BOE (MBbl)	Oil (MBbl)	COil(MBbl)	Gas (MMcf)	SGas(MMcf)	
-----	-----	-----	-----	-----	-----	
Mean	28.93%	15059.	14029.	0.0000	0.0000	5788.8
TPF	100.00%	6.0739	5.6587	0.0000	0.0000	2.3331
TPF	99.00%	496.31	462.39	0.0000	0.0000	190.64
TPF	98.00%	776.47	723.40	0.0000	0.0000	298.25
TPF	97.00%	1035.3	964.56	0.0000	0.0000	397.68
TPF	96.00%	1291.6	1203.3	0.0000	0.0000	496.10
TPF	95.00%	1533.0	1428.2	0.0000	0.0000	588.85
TPF	90.00%	2684.7	2501.3	0.0000	0.0000	1031.2
TPF	85.00%	3736.6	3481.4	0.0000	0.0000	1434.6
TPF	80.00%	4742.4	4418.5	0.0000	0.0000	1820.3
TPF	75.00%	5748.2	5355.8	0.0000	0.0000	2205.0
TPF	70.00%	6776.3	6314.1	0.0000	0.0000	2597.6
TPF	65.00%	7846.4	7311.5	0.0000	0.0000	3006.3

TPF	60.00%	8980.5	8364.5	0.0000	0.0000	3461.6
TPF	55.00%	10173.	9471.3	0.0000	0.0000	3942.2
TPF	50.00%	11431.	10640.	0.0000	0.0000	4443.7
TPF	45.00%	12806.	11925.	0.0000	0.0000	4953.7
TPF	40.00%	14331.	13349.	0.0000	0.0000	5518.9
TPF	35.00%	16037.	14937.	0.0000	0.0000	6178.5
TPF	30.00%	18015.	16769.	0.0000	0.0000	7001.6
TPF	25.00%	20361.	18941.	0.0000	0.0000	7977.7
TPF	20.00%	23190.	21574.	0.0000	0.0000	9083.8
TPF	15.00%	26784.	24924.	0.0000	0.0000	10453.
TPF	10.00%	31913.	29696.	0.0000	0.0000	12464.
TPF	5.00%	40700.	37856.	0.0000	0.0000	15985.
TPF	4.00%	43705.	40644.	0.0000	0.0000	17202.
TPF	3.00%	47571.	44230.	0.0000	0.0000	18776.
TPF	2.00%	52746.	49030.	0.0000	0.0000	20882.
TPF	1.00%	62700.	58263.	0.0000	0.0000	24934.
TPF	0.10%	96270.	89351.	0.0000	0.0000	38882.
TPF	0.00%	0.17169E+07	0.15899E+07	0.0000	0.0000	0.71403E+06

Rank 4 19.76% 10010. 8943.6

Prob.	BOE (MBbl)	Oil (MBbl)	COil(MBbl)	Gas (MMcf)	SGas(MMcf)	
-----	-----	-----	-----	-----	-----	
Mean	19.76%	10010.	9320.2	0.0000	0.0000	3876.6
TPF	100.00%	6.0739	5.6587	0.0000	0.0000	2.3331
TPF	99.00%	283.35	263.98	0.0000	0.0000	108.84
TPF	98.00%	527.90	491.82	0.0000	0.0000	202.77
TPF	97.00%	686.22	639.32	0.0000	0.0000	263.59
TPF	96.00%	838.66	781.34	0.0000	0.0000	322.14
TPF	95.00%	985.99	918.60	0.0000	0.0000	378.73
TPF	90.00%	1704.0	1587.6	0.0000	0.0000	654.55
TPF	85.00%	2402.0	2237.8	0.0000	0.0000	922.65
TPF	80.00%	3087.8	2876.8	0.0000	0.0000	1185.8
TPF	75.00%	3763.3	3506.2	0.0000	0.0000	1444.9
TPF	70.00%	4448.2	4144.4	0.0000	0.0000	1707.5
TPF	65.00%	5141.0	4789.9	0.0000	0.0000	1973.1
TPF	60.00%	5894.1	5491.9	0.0000	0.0000	2260.8
TPF	55.00%	6680.6	6224.9	0.0000	0.0000	2561.1
TPF	50.00%	7545.9	7031.4	0.0000	0.0000	2891.5
TPF	45.00%	8482.7	7902.4	0.0000	0.0000	3261.0
TPF	40.00%	9489.9	8837.4	0.0000	0.0000	3666.9
TPF	35.00%	10664.	9927.0	0.0000	0.0000	4140.0
TPF	30.00%	11979.	11152.	0.0000	0.0000	4647.0
TPF	25.00%	13500.	12573.	0.0000	0.0000	5210.8
TPF	20.00%	15365.	14314.	0.0000	0.0000	5902.3
TPF	15.00%	17883.	16647.	0.0000	0.0000	6946.8
TPF	10.00%	21368.	19875.	0.0000	0.0000	8389.2
TPF	5.00%	27420.	25517.	0.0000	0.0000	10696.
TPF	4.00%	29269.	27240.	0.0000	0.0000	11405.
TPF	3.00%	31989.	29766.	0.0000	0.0000	12495.
TPF	2.00%	35608.	33126.	0.0000	0.0000	13945.
TPF	1.00%	41850.	38923.	0.0000	0.0000	16447.
TPF	0.10%	64680.	60100.	0.0000	0.0000	25740.
TPF	0.00%	0.17169E+07	0.15899E+07	0.0000	0.0000	0.71403E+06

Rank 5 11.24% 7295.5 6522.1

Prob.	BOE (MBbl)	Oil (MBbl)	COil(MBbl)	Gas (MMcf)	SGas(MMcf)	
----	-----	-----	-----	-----	-----	
Mean	11.24%	7295.5	6798.0	0.0000	0.0000	2795.9
TPF	100.00%	6.0739	5.6587	0.0000	0.0000	2.3331
TPF	99.00%	187.71	174.88	0.0000	0.0000	72.101
TPF	98.00%	369.86	344.58	0.0000	0.0000	142.07
TPF	97.00%	523.70	487.90	0.0000	0.0000	201.16
TPF	96.00%	628.88	585.89	0.0000	0.0000	241.56
TPF	95.00%	734.38	684.19	0.0000	0.0000	282.09
TPF	90.00%	1236.3	1151.8	0.0000	0.0000	474.88
TPF	85.00%	1726.3	1608.3	0.0000	0.0000	663.08
TPF	80.00%	2223.4	2071.4	0.0000	0.0000	854.04
TPF	75.00%	2732.2	2545.4	0.0000	0.0000	1049.5
TPF	70.00%	3240.5	3019.1	0.0000	0.0000	1244.4
TPF	65.00%	3763.3	3506.2	0.0000	0.0000	1444.9
TPF	60.00%	4308.9	4014.5	0.0000	0.0000	1654.0
TPF	55.00%	4878.3	4545.1	0.0000	0.0000	1872.4
TPF	50.00%	5496.2	5120.9	0.0000	0.0000	2108.8
TPF	45.00%	6169.2	5748.3	0.0000	0.0000	2365.8
TPF	40.00%	6922.4	6450.3	0.0000	0.0000	2653.4
TPF	35.00%	7761.5	7232.4	0.0000	0.0000	2973.8
TPF	30.00%	8737.5	8139.0	0.0000	0.0000	3363.7
TPF	25.00%	9865.4	9186.0	0.0000	0.0000	3818.3
TPF	20.00%	11235.	10458.	0.0000	0.0000	4370.5
TPF	15.00%	13008.	12114.	0.0000	0.0000	5028.7
TPF	10.00%	15512.	14452.	0.0000	0.0000	5960.2
TPF	5.00%	20043.	18647.	0.0000	0.0000	7845.4
TPF	4.00%	21452.	19954.	0.0000	0.0000	8421.3
TPF	3.00%	23379.	21750.	0.0000	0.0000	9155.7
TPF	2.00%	26044.	24234.	0.0000	0.0000	10171.
TPF	1.00%	30713.	28580.	0.0000	0.0000	11983.
TPF	0.10%	47358.	44033.	0.0000	0.0000	18689.
TPF	0.00%	0.17169E+07	0.15899E+07	0.0000	0.0000	0.71403E+06

Rank 6 5.31% 5673.8 5042.5

Prob.	BOE (MBbl)	Oil (MBbl)	COil(MBbl)	Gas (MMcf)	SGas(MMcf)	
-----	-----	-----	-----	-----	-----	
Mean	5.31%	5673.8	5286.5	0.0000	0.0000	2176.6
TPF 100.00%	6.0739	5.6587	0.0000	0.0000	2.3331	
TPF 99.00%	137.79	128.37	0.0000	0.0000	52.925	
TPF 98.00%	270.22	251.75	0.0000	0.0000	103.79	
TPF 97.00%	403.38	375.81	0.0000	0.0000	154.94	
TPF 96.00%	514.93	479.74	0.0000	0.0000	197.79	
TPF 95.00%	592.23	551.75	0.0000	0.0000	227.48	
TPF 90.00%	970.89	904.53	0.0000	0.0000	372.93	
TPF 85.00%	1349.9	1257.7	0.0000	0.0000	518.52	
TPF 80.00%	1727.1	1609.0	0.0000	0.0000	663.38	
TPF 75.00%	2117.2	1972.5	0.0000	0.0000	813.26	
TPF 70.00%	2522.9	2350.4	0.0000	0.0000	969.07	
TPF 65.00%	2940.7	2739.8	0.0000	0.0000	1129.4	

TPF	60.00%	3371.5	3141.1	0.0000	0.0000	1294.6
TPF	55.00%	3824.7	3563.4	0.0000	0.0000	1468.4
TPF	50.00%	4309.2	4014.9	0.0000	0.0000	1654.2
TPF	45.00%	4827.2	4497.6	0.0000	0.0000	1852.8
TPF	40.00%	5399.9	5031.2	0.0000	0.0000	2072.0
TPF	35.00%	6050.1	5637.2	0.0000	0.0000	2320.3
TPF	30.00%	6793.6	6330.2	0.0000	0.0000	2604.2
TPF	25.00%	7674.6	7151.3	0.0000	0.0000	2940.6
TPF	20.00%	8754.8	8155.1	0.0000	0.0000	3370.7
TPF	15.00%	10136.	9437.0	0.0000	0.0000	3927.3
TPF	10.00%	12087.	11253.	0.0000	0.0000	4687.0
TPF	5.00%	15415.	14362.	0.0000	0.0000	5921.1
TPF	4.00%	16601.	15460.	0.0000	0.0000	6413.2
TPF	3.00%	18041.	16793.	0.0000	0.0000	7012.5
TPF	2.00%	20164.	18759.	0.0000	0.0000	7895.8
TPF	1.00%	23780.	22124.	0.0000	0.0000	9308.6
TPF	0.10%	36536.	33988.	0.0000	0.0000	14316.
TPF	0.00%	0.17169E+07	0.15899E+07	0.0000	0.0000	0.71403E+06

Rank 7 2.08% 4625.0 4073.3

	Prob.	BOE (MBbl)	Oil (MBbl)	COil(MBbl)	Gas (MMcf)	SGas(MMcf)
	-----	-----	-----	-----	-----	-----
Mean	2.08%	4625.0	4309.1	0.0000	0.0000	1775.3
TPF	100.00%	6.0739	5.6587	0.0000	0.0000	2.3331
TPF	99.00%	108.18	100.79	0.0000	0.0000	41.553
TPF	98.00%	210.98	196.56	0.0000	0.0000	81.041
TPF	97.00%	314.50	293.00	0.0000	0.0000	120.80
TPF	96.00%	418.74	390.12	0.0000	0.0000	160.84
TPF	95.00%	507.14	472.48	0.0000	0.0000	194.80
TPF	90.00%	811.44	755.98	0.0000	0.0000	311.69
TPF	85.00%	1111.4	1035.4	0.0000	0.0000	426.89
TPF	80.00%	1418.9	1321.9	0.0000	0.0000	545.03
TPF	75.00%	1731.4	1613.1	0.0000	0.0000	665.06
TPF	70.00%	2058.3	1917.6	0.0000	0.0000	790.62
TPF	65.00%	2401.9	2237.8	0.0000	0.0000	922.61
TPF	60.00%	2764.5	2575.5	0.0000	0.0000	1061.9
TPF	55.00%	3138.5	2924.0	0.0000	0.0000	1205.3
TPF	50.00%	3537.6	3295.9	0.0000	0.0000	1358.3
TPF	45.00%	3966.7	3695.7	0.0000	0.0000	1522.8
TPF	40.00%	4438.2	4135.1	0.0000	0.0000	1703.7
TPF	35.00%	4954.9	4616.5	0.0000	0.0000	1901.8
TPF	30.00%	5556.7	5177.4	0.0000	0.0000	2131.9
TPF	25.00%	6257.2	5830.2	0.0000	0.0000	2399.4
TPF	20.00%	7131.6	6645.3	0.0000	0.0000	2733.3
TPF	15.00%	8244.9	7681.7	0.0000	0.0000	3165.2
TPF	10.00%	9817.4	9141.5	0.0000	0.0000	3799.0
TPF	5.00%	12539.	11675.	0.0000	0.0000	4854.6
TPF	4.00%	13401.	12481.	0.0000	0.0000	5174.4
TPF	3.00%	14573.	13575.	0.0000	0.0000	5608.6
TPF	2.00%	16241.	15127.	0.0000	0.0000	6263.5
TPF	1.00%	19197.	17863.	0.0000	0.0000	7493.3
TPF	0.10%	29234.	27207.	0.0000	0.0000	11391.
TPF	0.00%	0.17169E+07	0.15899E+07	0.0000	0.0000	0.71403E+06

Rank 8 0.68% 3903.3 3403.4

Prob.	BOE (MBbl)	Oil (MBbl)	COil(MBbl)	Gas (MMcf)	SGas(MMcf)	
----	-----	-----	-----	-----	-----	
Mean	0.68%	3903.3	3636.7	0.0000	0.0000	1498.5
TPF 100.00%	6.0739	5.6587	0.0000	0.0000	2.3331	
TPF 99.00%	88.972	82.891	0.0000	0.0000	34.175	
TPF 98.00%	172.50	160.71	0.0000	0.0000	66.261	
TPF 97.00%	256.68	239.14	0.0000	0.0000	98.596	
TPF 96.00%	341.52	318.18	0.0000	0.0000	131.18	
TPF 95.00%	427.03	397.84	0.0000	0.0000	164.03	
TPF 90.00%	703.08	655.03	0.0000	0.0000	270.06	
TPF 85.00%	951.97	886.91	0.0000	0.0000	365.66	
TPF 80.00%	1210.3	1127.6	0.0000	0.0000	464.88	
TPF 75.00%	1472.5	1371.9	0.0000	0.0000	565.61	
TPF 70.00%	1744.5	1625.2	0.0000	0.0000	670.07	
TPF 65.00%	2031.5	1892.7	0.0000	0.0000	780.34	
TPF 60.00%	2336.2	2176.5	0.0000	0.0000	897.35	
TPF 55.00%	2661.0	2479.2	0.0000	0.0000	1022.1	
TPF 50.00%	3002.6	2797.4	0.0000	0.0000	1153.2	
TPF 45.00%	3368.9	3138.7	0.0000	0.0000	1293.6	
TPF 40.00%	3768.5	3511.0	0.0000	0.0000	1446.8	
TPF 35.00%	4213.0	3925.2	0.0000	0.0000	1617.3	
TPF 30.00%	4713.7	4391.7	0.0000	0.0000	1809.3	
TPF 25.00%	5294.2	4932.7	0.0000	0.0000	2031.6	
TPF 20.00%	6017.4	5606.7	0.0000	0.0000	2307.8	
TPF 15.00%	6946.0	6472.2	0.0000	0.0000	2662.4	
TPF 10.00%	8259.2	7695.0	0.0000	0.0000	3170.9	
TPF 5.00%	10528.	9801.1	0.0000	0.0000	4085.4	
TPF 4.00%	11242.	10464.	0.0000	0.0000	4373.0	
TPF 3.00%	12216.	11373.	0.0000	0.0000	4734.7	
TPF 2.00%	13553.	12622.	0.0000	0.0000	5230.4	
TPF 1.00%	15937.	14845.	0.0000	0.0000	6136.9	
TPF 0.10%	24370.	22674.	0.0000	0.0000	9533.4	
TPF 0.00%	0.17169E+07	0.15899E+07	0.0000	0.0000	0.71403E+06	

Rank 9 0.19% 3381.3 2919.0

Prob.	BOE (MBbl)	Oil (MBbl)	COil(MBbl)	Gas (MMcf)	SGas(MMcf)	
-----	-----	-----	-----	-----	-----	
Mean	0.19%	3381.3	3150.3	0.0000	0.0000	1298.4
TPF 100.00%	6.0739	5.6587	0.0000	0.0000	2.3331	
TPF 99.00%	75.664	70.493	0.0000	0.0000	29.064	
TPF 98.00%	145.82	135.86	0.0000	0.0000	56.013	
TPF 97.00%	216.56	201.76	0.0000	0.0000	83.184	
TPF 96.00%	287.89	268.21	0.0000	0.0000	110.58	
TPF 95.00%	359.82	335.23	0.0000	0.0000	138.21	
TPF 90.00%	624.93	582.22	0.0000	0.0000	240.04	
TPF 85.00%	840.87	783.40	0.0000	0.0000	322.99	
TPF 80.00%	1058.6	986.21	0.0000	0.0000	406.61	
TPF 75.00%	1288.8	1200.7	0.0000	0.0000	495.03	
TPF 70.00%	1521.4	1417.4	0.0000	0.0000	584.37	
TPF 65.00%	1766.9	1646.1	0.0000	0.0000	678.69	

TPF	60.00%	2028.3	1889.7	0.0000	0.0000	779.11
TPF	55.00%	2308.2	2150.4	0.0000	0.0000	886.61
TPF	50.00%	2609.7	2431.3	0.0000	0.0000	1002.4
TPF	45.00%	2931.9	2731.5	0.0000	0.0000	1126.1
TPF	40.00%	3280.4	3056.3	0.0000	0.0000	1259.7
TPF	35.00%	3666.8	3416.3	0.0000	0.0000	1407.8
TPF	30.00%	4103.8	3823.5	0.0000	0.0000	1575.4
TPF	25.00%	4610.6	4295.7	0.0000	0.0000	1769.7
TPF	20.00%	5212.7	4856.7	0.0000	0.0000	2000.5
TPF	15.00%	6010.1	5599.9	0.0000	0.0000	2305.0
TPF	10.00%	7131.6	6645.2	0.0000	0.0000	2733.3
TPF	5.00%	9057.6	8436.2	0.0000	0.0000	3492.7
TPF	4.00%	9674.0	9008.3	0.0000	0.0000	3741.1
TPF	3.00%	10502.	9776.7	0.0000	0.0000	4074.8
TPF	2.00%	11647.	10842.	0.0000	0.0000	4523.9
TPF	1.00%	13638.	12701.	0.0000	0.0000	5261.9
TPF	0.10%	20752.	19303.	0.0000	0.0000	8140.4
TPF	0.00%	0.17169E+07	0.15899E+07	0.0000	0.0000	0.71403E+06

Rank 10 0.04% 2986.9 2553.3

	Prob.	BOE (MBbl)	Oil (MBbl)	COil(MBbl)	Gas (MMcf)	SGas(MMcf)
	-----	-----	-----	-----	-----	-----
Mean	0.04%	2986.9	2782.7	0.0000	0.0000	1147.1
TPF	100.00%	6.0739	5.6587	0.0000	0.0000	2.3331
TPF	99.00%	65.960	61.451	0.0000	0.0000	25.336
TPF	98.00%	126.36	117.72	0.0000	0.0000	48.535
TPF	97.00%	187.27	174.47	0.0000	0.0000	71.934
TPF	96.00%	248.72	231.72	0.0000	0.0000	95.536
TPF	95.00%	310.71	289.47	0.0000	0.0000	119.35
TPF	90.00%	567.65	528.85	0.0000	0.0000	218.04
TPF	85.00%	759.17	707.28	0.0000	0.0000	291.61
TPF	80.00%	947.37	882.62	0.0000	0.0000	363.90
TPF	75.00%	1147.0	1068.6	0.0000	0.0000	440.58
TPF	70.00%	1355.1	1262.5	0.0000	0.0000	520.52
TPF	65.00%	1569.8	1462.5	0.0000	0.0000	602.97
TPF	60.00%	1798.2	1675.3	0.0000	0.0000	690.71
TPF	55.00%	2043.3	1903.6	0.0000	0.0000	784.86
TPF	50.00%	2308.1	2150.3	0.0000	0.0000	886.56
TPF	45.00%	2596.3	2418.9	0.0000	0.0000	997.28
TPF	40.00%	2908.8	2710.0	0.0000	0.0000	1117.2
TPF	35.00%	3251.4	3029.2	0.0000	0.0000	1248.6
TPF	30.00%	3638.5	3389.9	0.0000	0.0000	1397.0
TPF	25.00%	4087.0	3807.8	0.0000	0.0000	1569.0
TPF	20.00%	4625.3	4309.4	0.0000	0.0000	1775.4
TPF	15.00%	5303.8	4941.7	0.0000	0.0000	2035.3
TPF	10.00%	6271.2	5843.3	0.0000	0.0000	2404.7
TPF	5.00%	7939.6	7398.3	0.0000	0.0000	3042.1
TPF	4.00%	8497.0	7915.7	0.0000	0.0000	3266.8
TPF	3.00%	9191.4	8560.3	0.0000	0.0000	3546.6
TPF	2.00%	10198.	9494.9	0.0000	0.0000	3952.4
TPF	1.00%	11924.	11101.	0.0000	0.0000	4626.6
TPF	0.10%	17971.	16729.	0.0000	0.0000	6983.4
TPF	0.00%	0.17169E+07	0.15899E+07	0.0000	0.0000	0.71403E+06



Rank 11 0.01% 2672.3 2260.7

Prob.	BOE (MBbl)	Oil (MBbl)	COil(MBbl)	Gas (MMcf)	SGas(MMcf)	
----	-----	-----	-----	-----	-----	
Mean	0.01%	2672.3	2489.7	0.0000	0.0000	1026.5
TPF	100.00%	6.0739	5.6587	0.0000	0.0000	2.3331
TPF	99.00%	58.517	54.518	0.0000	0.0000	22.477
TPF	98.00%	111.42	103.80	0.0000	0.0000	42.798
TPF	97.00%	164.79	153.53	0.0000	0.0000	63.298
TPF	96.00%	218.64	203.69	0.0000	0.0000	83.982
TPF	95.00%	272.97	254.31	0.0000	0.0000	104.85
TPF	90.00%	523.54	487.76	0.0000	0.0000	201.10
TPF	85.00%	691.74	644.46	0.0000	0.0000	265.71
TPF	80.00%	861.62	802.73	0.0000	0.0000	330.96
TPF	75.00%	1036.5	965.63	0.0000	0.0000	398.12
TPF	70.00%	1223.3	1139.7	0.0000	0.0000	469.89
TPF	65.00%	1415.4	1318.7	0.0000	0.0000	543.68
TPF	60.00%	1617.9	1507.3	0.0000	0.0000	621.44
TPF	55.00%	1835.0	1709.6	0.0000	0.0000	704.85
TPF	50.00%	2070.0	1928.5	0.0000	0.0000	795.11
TPF	45.00%	2326.3	2167.3	0.0000	0.0000	893.56
TPF	40.00%	2608.6	2430.3	0.0000	0.0000	1002.0
TPF	35.00%	2918.8	2719.3	0.0000	0.0000	1121.1
TPF	30.00%	3265.5	3042.4	0.0000	0.0000	1254.0
TPF	25.00%	3666.8	3416.3	0.0000	0.0000	1407.8
TPF	20.00%	4148.0	3864.7	0.0000	0.0000	1592.4
TPF	15.00%	4753.9	4429.2	0.0000	0.0000	1824.7
TPF	10.00%	5602.8	5220.3	0.0000	0.0000	2149.5
TPF	5.00%	7066.0	6584.1	0.0000	0.0000	2708.2
TPF	4.00%	7539.1	7025.0	0.0000	0.0000	2888.9
TPF	3.00%	8149.6	7593.3	0.0000	0.0000	3126.8
TPF	2.00%	9024.1	8405.1	0.0000	0.0000	3479.2
TPF	1.00%	10535.	9807.6	0.0000	0.0000	4088.1
TPF	0.10%	15710.	14635.	0.0000	0.0000	6042.4
TPF	0.00%	0.17169E+07	0.15899E+07	0.0000	0.0000	0.71403E+06

Rank 12 0.00% 2387.4 1996.3

Prob.	BOE (MBbl)	Oil (MBbl)	COil(MBbl)	Gas (MMcf)	SGas(MMcf)	
-----	-----	-----	-----	-----	-----	
Mean	0.00%	2387.4	2224.2	0.0000	0.0000	917.03
TPF	100.00%	6.0739	5.6587	0.0000	0.0000	2.3331
TPF	99.00%	52.113	48.551	0.0000	0.0000	20.017
TPF	98.00%	98.556	91.820	0.0000	0.0000	37.857
TPF	97.00%	145.41	135.47	0.0000	0.0000	55.855
TPF	96.00%	192.69	179.52	0.0000	0.0000	74.016
TPF	95.00%	240.40	223.97	0.0000	0.0000	92.341
TPF	90.00%	485.32	452.15	0.0000	0.0000	186.42
TPF	85.00%	633.09	589.82	0.0000	0.0000	243.18
TPF	80.00%	786.74	732.97	0.0000	0.0000	302.20
TPF	75.00%	940.33	876.06	0.0000	0.0000	361.19
TPF	70.00%	1104.0	1028.5	0.0000	0.0000	424.05
TPF	65.00%	1278.8	1191.4	0.0000	0.0000	491.21

TPF	60.00%	1457.5	1357.9	0.0000	0.0000	559.85
TPF	55.00%	1649.3	1536.5	0.0000	0.0000	633.50
TPF	50.00%	1856.7	1729.8	0.0000	0.0000	713.18
TPF	45.00%	2083.3	1940.9	0.0000	0.0000	800.21
TPF	40.00%	2333.2	2173.7	0.0000	0.0000	896.20
TPF	35.00%	2612.3	2433.8	0.0000	0.0000	1003.4
TPF	30.00%	2924.4	2724.6	0.0000	0.0000	1123.2
TPF	25.00%	3281.8	3057.6	0.0000	0.0000	1260.2
TPF	20.00%	3709.3	3455.9	0.0000	0.0000	1424.1
TPF	15.00%	4249.2	3959.0	0.0000	0.0000	1631.2
TPF	10.00%	4986.9	4646.3	0.0000	0.0000	1914.0
TPF	5.00%	6255.2	5828.4	0.0000	0.0000	2398.7
TPF	4.00%	6666.0	6211.3	0.0000	0.0000	2555.5
TPF	3.00%	7211.1	6719.4	0.0000	0.0000	2763.7
TPF	2.00%	7955.6	7413.2	0.0000	0.0000	3048.6
TPF	1.00%	9267.3	8630.8	0.0000	0.0000	3577.3
TPF	0.10%	13770.	12825.	0.0000	0.0000	5310.9
TPF	0.00%	0.17169E+07	0.15899E+07	0.0000	0.0000	0.71403E+06

Rank 13 0.00% 2027.4 1698.5

	Prob.	BOE (MBbl)	Oil (MBbl)	COil(MBbl)	Gas (MMcf)	SGas(MMcf)
	-----	-----	-----	-----	-----	-----
Mean	0.00%	2027.4	1888.8	0.0000	0.0000	778.73
TPF	100.00%	6.0739	5.6587	0.0000	0.0000	2.3331
TPF	99.00%	43.071	40.127	0.0000	0.0000	16.544
TPF	98.00%	80.415	74.919	0.0000	0.0000	30.888
TPF	97.00%	118.11	110.04	0.0000	0.0000	45.368
TPF	96.00%	156.17	145.50	0.0000	0.0000	59.987
TPF	95.00%	194.59	181.29	0.0000	0.0000	74.746
TPF	90.00%	392.51	365.68	0.0000	0.0000	150.77
TPF	85.00%	551.41	513.72	0.0000	0.0000	211.80
TPF	80.00%	677.66	631.34	0.0000	0.0000	260.30
TPF	75.00%	808.05	752.82	0.0000	0.0000	310.38
TPF	70.00%	941.06	876.74	0.0000	0.0000	361.47
TPF	65.00%	1083.8	1009.7	0.0000	0.0000	416.30
TPF	60.00%	1237.8	1153.2	0.0000	0.0000	475.47
TPF	55.00%	1398.4	1302.8	0.0000	0.0000	537.14
TPF	50.00%	1570.9	1463.6	0.0000	0.0000	603.42
TPF	45.00%	1759.7	1639.4	0.0000	0.0000	675.92
TPF	40.00%	1968.9	1834.3	0.0000	0.0000	756.28
TPF	35.00%	2203.8	2053.2	0.0000	0.0000	846.50
TPF	30.00%	2472.0	2303.0	0.0000	0.0000	949.51
TPF	25.00%	2784.3	2594.0	0.0000	0.0000	1069.5
TPF	20.00%	3151.0	2935.7	0.0000	0.0000	1210.1
TPF	15.00%	3614.6	3367.6	0.0000	0.0000	1387.8
TPF	10.00%	4255.0	3964.4	0.0000	0.0000	1633.4
TPF	5.00%	5323.8	4960.3	0.0000	0.0000	2043.0
TPF	4.00%	5678.1	5290.5	0.0000	0.0000	2178.3
TPF	3.00%	6126.0	5708.0	0.0000	0.0000	2349.3
TPF	2.00%	6767.0	6305.4	0.0000	0.0000	2594.1
TPF	1.00%	7877.0	7340.0	0.0000	0.0000	3018.0
TPF	0.10%	11737.	10926.	0.0000	0.0000	4557.2
TPF	0.00%	0.17169E+07	0.15899E+07	0.0000	0.0000	0.71403E+06