

# GEOLOGIC ECONOMIC RESOURCE MODEL MODULE PSRK

Geologic Economic Resource Model (Ver 8.29.2005)

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The Current UAI AAAAABAE is for

World Level - World Level Resources  
Country Level - UNITED STATES OF AMERICA  
Region Level - MMS - ALASKA REGION  
Basin Level - BEAUFORT SHELF  
Play Level - Play 04 - Endicott Play  
Geologist Peter Johnson  
Remarks Play 04 2005 Assessment  
Run date Date 16-SEP-05 Time 08:49:11

## 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 = 62505.

S.D. = 0.15456E+06

MU = 9.7701

SIG.SQ. = 2.8789

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

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Mean	%	62505.	45085.	1040.4	45252.	46799.
TPF 100.00%	5.2590	3.7011	0.10034	4.8326	3.3587	
TPF 99.00%	220.36	155.08	4.2046	202.49	140.73	
TPF 98.00%	391.59	275.59	7.4719	359.84	250.10	
TPF 97.00%	567.08	399.09	10.820	521.10	362.17	
TPF 96.00%	736.98	518.66	14.062	677.22	470.68	
TPF 95.00%	918.90	646.69	17.533	844.40	586.86	
TPF 90.00%	1914.1	1347.1	36.522	1758.9	1222.4	
TPF 85.00%	3108.0	2198.8	59.601	2784.4	1990.2	
TPF 80.00%	4501.5	3193.0	86.538	3981.4	2886.2	
TPF 75.00%	6094.1	4322.7	115.85	5342.2	3962.3	
TPF 70.00%	7903.4	5606.0	149.16	6888.2	5184.7	
TPF 65.00%	10050.	7125.1	187.02	8621.4	6765.7	
TPF 60.00%	12554.	8896.7	231.18	10643.	8609.8	
TPF 55.00%	15533.	11053.	285.28	13064.	10515.	
TPF 50.00%	18996.	13558.	348.15	15878.	12729.	
TPF 45.00%	23316.	16647.	416.66	19054.	16084.	
TPF 40.00%	28572.	20405.	500.01	22919.	20166.	
TPF 35.00%	35223.	25136.	621.30	28715.	24483.	
TPF 30.00%	43676.	31148.	775.46	36082.	29971.	

TPF	25.00%	54971.	39509.	934.38	41583.	40066.
TPF	20.00%	71070.	51425.	1160.9	49423.	54454.
TPF	15.00%	95531.	68376.	1624.6	75620.	67860.
TPF	10.00%	0.13959E+06	98909.	2459.8	0.12281E+06	92008.
TPF	5.00%	0.24928E+06	0.17928E+06	3916.1	0.17980E+06	0.19156E+06
TPF	4.00%	0.29688E+06	0.21416E+06	4548.0	0.20453E+06	0.23477E+06
TPF	3.00%	0.36840E+06	0.26657E+06	5497.5	0.24168E+06	0.29968E+06
TPF	2.00%	0.49901E+06	0.36228E+06	7231.5	0.30954E+06	0.41823E+06
TPF	1.00%	0.75802E+06	0.55208E+06	10670.	0.44412E+06	0.65332E+06
TPF	0.10%	0.17843E+07	0.13041E+07	24295.	0.97730E+06	0.15848E+07
TPF	0.00%	0.50403E+07	0.36900E+07	67523.	0.26690E+07	0.45401E+07

### C) No.of Pools Distribution

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Lower Support = 0  
Upper Support = 12  
Expectation = 5.76  
Standard Deviation= 1.76

Rank 1 99.98% 0.24439E+06 0.38642E+06

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

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Mean 99.98% 0.24439E+06 0.17570E+06 3851.2 0.17726E+06 0.18713E+06  
TPF 100.00% 5.2590 3.7011 0.10034 4.8326 3.3587  
TPF 99.00% 10002. 7091.4 186.18 8583.0 6730.7  
TPF 98.00% 14208. 10093. 261.21 11987. 9667.5  
TPF 97.00% 17408. 12409. 319.32 14588. 11714.  
TPF 96.00% 20160. 14390. 366.61 16734. 13633.  
TPF 95.00% 22668. 16184. 406.39 18578. 15581.  
TPF 90.00% 33517. 23923. 590.19 27229. 23376.  
TPF 85.00% 42947. 30629. 762.16 35447. 29497.  
TPF 80.00% 52396. 37602. 898.14 40329. 37764.  
TPF 75.00% 62274. 44914. 1037.1 45140. 46593.  
TPF 70.00% 71582. 51780. 1170.6 49972. 54735.  
TPF 65.00% 83492. 60033. 1396.4 62727. 61262.  
TPF 60.00% 93940. 67274. 1594.4 73917. 66988.  
TPF 55.00% 0.10945E+06 78020. 1888.4 90525. 75487.  
TPF 50.00% 0.12460E+06 88523. 2175.7 0.10676E+06 83794.  
TPF 45.00% 0.13843E+06 98106. 2437.9 0.12157E+06 91372.  
TPF 40.00% 0.16838E+06 0.12000E+06 2842.0 0.13776E+06 0.11813E+06  
TPF 35.00% 0.19771E+06 0.14150E+06 3231.5 0.15300E+06 0.14476E+06  
TPF 30.00% 0.22505E+06 0.16153E+06 3594.4 0.16721E+06 0.16957E+06  
TPF 25.00% 0.25226E+06 0.18147E+06 3955.6 0.18134E+06 0.19427E+06  
TPF 20.00% 0.30834E+06 0.22256E+06 4700.1 0.21048E+06 0.24517E+06  
TPF 15.00% 0.39407E+06 0.28538E+06 5838.4 0.25502E+06 0.32298E+06  
TPF 10.00% 0.54521E+06 0.39613E+06 7844.9 0.33355E+06 0.46016E+06  
TPF 5.00% 0.88486E+06 0.64502E+06 12354. 0.51002E+06 0.76845E+06  
TPF 4.00% 0.10914E+07 0.79638E+06 15096. 0.61733E+06 0.95592E+06  
TPF 3.00% 0.12960E+07 0.94628E+06 17812. 0.72362E+06 0.11416E+07  
TPF 2.00% 0.14986E+07 0.10948E+07 20503. 0.82890E+06 0.13255E+07  
TPF 1.00% 0.16994E+07 0.12419E+07 23168. 0.93321E+06 0.15077E+07  
TPF 0.10% 0.44747E+07 0.32756E+07 60014. 0.23751E+07 0.40267E+07  
TPF 0.00% 0.50403E+07 0.36900E+07 67523. 0.26690E+07 0.45401E+07

Rank 2 99.71% 72105. 87902.

Prob.	BOE (MBbl)	Oil (MBbl)	COil(MBbl)	Gas (MMcf)	SGas(MMcf)	
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Mean	99.71%	72105.	52143.	1180.5	50532.	55021.
TPF	100.00%	5.2590	3.7011	0.10034	4.8326	3.3587
TPF	99.00%	2795.7	1976.0	53.563	2516.1	1789.3
TPF	98.00%	4539.4	3219.8	87.235	4013.7	2911.8
TPF	97.00%	5952.2	4222.0	113.24	5221.0	3866.4
TPF	96.00%	7181.2	5093.8	135.86	6271.1	4696.7
TPF	95.00%	8270.5	5865.8	155.63	7184.6	5455.1
TPF	90.00%	12990.	9212.6	239.10	10998.	8888.9
TPF	85.00%	17123.	12202.	314.14	14356.	11532.
TPF	80.00%	21034.	15015.	380.47	17377.	14312.
TPF	75.00%	24953.	17817.	442.61	20258.	17355.
TPF	70.00%	28825.	20586.	504.63	23140.	20330.
TPF	65.00%	33133.	23650.	583.20	26894.	23127.
TPF	60.00%	37554.	26793.	663.80	30746.	25996.
TPF	55.00%	42173.	30078.	748.04	34772.	28995.
TPF	50.00%	47467.	33954.	828.79	37928.	33358.
TPF	45.00%	52985.	38038.	906.44	40616.	38291.
TPF	40.00%	59713.	43019.	1001.1	43893.	44304.
TPF	35.00%	67089.	48479.	1104.9	47485.	50896.
TPF	30.00%	76073.	54893.	1255.7	54782.	57196.
TPF	25.00%	87127.	62552.	1465.3	66620.	63254.
TPF	20.00%	0.10066E+06	71930.	1721.8	81113.	70671.
TPF	15.00%	0.12181E+06	86584.	2122.7	0.10376E+06	82260.
TPF	10.00%	0.15249E+06	0.10836E+06	2631.0	0.12951E+06	0.10371E+06
TPF	5.00%	0.22001E+06	0.15784E+06	3527.5	0.16459E+06	0.16500E+06
TPF	4.00%	0.23615E+06	0.16966E+06	3741.7	0.17297E+06	0.17965E+06
TPF	3.00%	0.25950E+06	0.18678E+06	4051.8	0.18511E+06	0.20084E+06
TPF	2.00%	0.30772E+06	0.22211E+06	4692.0	0.21016E+06	0.24461E+06
TPF	1.00%	0.41153E+06	0.29817E+06	6070.1	0.26409E+06	0.33883E+06
TPF	0.10%	0.96409E+06	0.70308E+06	13406.	0.55118E+06	0.84035E+06
TPF	0.00%	0.50403E+07	0.36900E+07	67523.	0.26690E+07	0.45401E+07

Rank 3 97.86% 34070. 36780.

Prob.	BOE (MBbl)	Oil (MBbl)	COil(MBbl)	Gas (MMcf)	SGas(MMcf)	
----	-----	-----	-----	-----	-----	
Mean	97.86%	34070.	24315.	600.27	27710.	23735.
TPF	100.00%	5.2590	3.7011	0.10034	4.8326	3.3587
TPF	99.00%	768.21	540.64	14.658	705.93	490.63
TPF	98.00%	1409.9	992.23	26.902	1295.6	900.44
TPF	97.00%	1968.2	1385.7	37.568	1805.4	1257.2
TPF	96.00%	2540.0	1793.6	48.621	2296.5	1624.9
TPF	95.00%	3048.1	2156.1	58.443	2732.9	1951.6
TPF	90.00%	5459.8	3872.7	104.18	4800.2	3533.7
TPF	85.00%	7587.4	5381.9	143.34	6618.2	4971.2
TPF	80.00%	9678.9	6862.5	180.47	8321.8	6492.4
TPF	75.00%	11783.	8351.7	217.59	10021.	8042.5
TPF	70.00%	13942.	9900.9	256.38	11771.	9497.3
TPF	65.00%	16137.	11489.	296.23	13554.	10901.

TPF	60.00%	18426.	13145.	337.80	15414.	12365.
TPF	55.00%	20991.	14984.	379.78	17345.	14278.
TPF	50.00%	23649.	16885.	421.94	19299.	16343.
TPF	45.00%	26724.	19084.	470.71	21561.	18731.
TPF	40.00%	30064.	21467.	527.22	24220.	21134.
TPF	35.00%	33881.	24182.	596.83	27546.	23612.
TPF	30.00%	38421.	27410.	679.62	31502.	26559.
TPF	25.00%	43459.	30993.	771.50	35893.	29830.
TPF	20.00%	50455.	36166.	870.84	39384.	36029.
TPF	15.00%	59449.	42823.	997.38	43764.	44068.
TPF	10.00%	72327.	52296.	1184.7	50770.	55143.
TPF	5.00%	97096.	69461.	1654.3	77296.	68718.
TPF	4.00%	0.10817E+06	77133.	1864.1	89154.	74786.
TPF	3.00%	0.12085E+06	85922.	2104.6	0.10274E+06	81737.
TPF	2.00%	0.13618E+06	96542.	2395.1	0.11915E+06	90135.
TPF	1.00%	0.18285E+06	0.13061E+06	3034.1	0.14528E+06	0.13127E+06
TPF	0.10%	0.32959E+06	0.23813E+06	4982.3	0.22152E+06	0.26446E+06
TPF	0.00%	0.50403E+07	0.36900E+07	67523.	0.26690E+07	0.45401E+07

Rank 4 91.09% 18854. 20266.

Prob.	BOE (MBbl)	Oil (MBbl)	COil(MBbl)	Gas (MMcf)	SGas(MMcf)	
-----	-----	-----	-----	-----	-----	
Mean	91.09%	18854.	13455.	345.57	15762.	12638.
TPF	100.00%	5.2590	3.7011	0.10034	4.8326	3.3587
TPF	99.00%	298.00	209.72	5.6860	273.84	190.32
TPF	98.00%	536.42	377.52	10.235	492.93	342.59
TPF	97.00%	760.09	534.93	14.503	698.46	485.44
TPF	96.00%	992.09	698.21	18.930	911.65	633.61
TPF	95.00%	1228.4	864.48	23.438	1128.8	784.50
TPF	90.00%	2360.0	1665.2	45.141	2141.9	1509.2
TPF	85.00%	3511.7	2486.8	67.405	3131.2	2249.8
TPF	80.00%	4676.3	3317.0	89.756	4130.7	3004.4
TPF	75.00%	5875.4	4167.5	111.83	5155.3	3814.5
TPF	70.00%	7120.1	5050.4	134.74	6218.9	4655.5
TPF	65.00%	8410.4	5964.8	158.10	7297.6	5558.1
TPF	60.00%	9792.2	6942.7	182.47	8413.3	6575.9
TPF	55.00%	11318.	8022.0	209.37	9644.9	7699.4
TPF	50.00%	12918.	9160.4	237.79	10939.	8842.8
TPF	45.00%	14742.	10480.	270.92	12421.	10009.
TPF	40.00%	16744.	11928.	307.27	14048.	11289.
TPF	35.00%	18910.	13496.	346.60	15808.	12675.
TPF	30.00%	21676.	15474.	390.65	17848.	14810.
TPF	25.00%	24878.	17764.	441.43	20203.	17297.
TPF	20.00%	28733.	20520.	502.94	23059.	20270.
TPF	15.00%	34105.	24341.	600.92	27741.	23758.
TPF	10.00%	41838.	29840.	741.93	34480.	28777.
TPF	5.00%	55735.	40074.	945.12	41955.	40748.
TPF	4.00%	61131.	44069.	1021.1	44583.	45571.
TPF	3.00%	67433.	48733.	1109.7	47652.	51204.
TPF	2.00%	77414.	55822.	1281.2	56218.	57931.
TPF	1.00%	94171.	67434.	1598.8	74164.	67115.
TPF	0.10%	0.18155E+06	0.12965E+06	3016.9	0.14461E+06	0.13009E+06
TPF	0.00%	0.50403E+07	0.36900E+07	67523.	0.26690E+07	0.45401E+07

Rank 5 75.90% 11532. 12749.

Prob.	BOE (MBbl)	Oil (MBbl)	COil(MBbl)	Gas (MMcf)	SGas(MMcf)	
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Mean	75.90%	11532.	8174.0	213.16	9818.2	7857.5
TPF	100.00%	5.2590	3.7011	0.10034	4.8326	3.3587
TPF	99.00%	152.25	107.15	2.9051	139.91	97.239
TPF	98.00%	281.66	198.22	5.3742	258.82	179.88
TPF	97.00%	395.85	278.59	7.5531	363.76	252.81
TPF	96.00%	511.40	359.91	9.7578	469.93	326.61
TPF	95.00%	623.78	439.00	11.902	573.20	398.38
TPF	90.00%	1215.7	855.56	23.196	1117.1	776.41
TPF	85.00%	1817.5	1279.1	34.680	1670.2	1160.8
TPF	80.00%	2496.4	1762.5	47.778	2259.1	1596.9
TPF	75.00%	3188.5	2256.2	61.156	2853.5	2041.9
TPF	70.00%	3968.7	2812.9	76.239	3523.7	2543.6
TPF	65.00%	4774.7	3386.8	91.567	4214.8	3070.8
TPF	60.00%	5653.6	4010.2	107.74	4965.8	3664.6
TPF	55.00%	6595.4	4678.2	125.08	5770.5	4300.9
TPF	50.00%	7608.0	5396.5	143.72	6635.8	4985.1
TPF	45.00%	8777.3	6224.5	164.57	7593.8	5828.4
TPF	40.00%	10037.	7115.6	186.78	8610.6	6755.9
TPF	35.00%	11562.	8194.7	213.68	9841.8	7879.0
TPF	30.00%	13288.	9428.0	244.51	11240.	9079.3
TPF	25.00%	15341.	10913.	281.79	12908.	10392.
TPF	20.00%	17929.	12786.	328.78	15011.	12047.
TPF	15.00%	21383.	15265.	386.01	17633.	14583.
TPF	10.00%	26435.	18878.	466.13	21348.	18506.
TPF	5.00%	35476.	25315.	625.91	28935.	24647.
TPF	4.00%	38786.	27670.	686.27	31820.	26796.
TPF	3.00%	42706.	30458.	757.76	35237.	29341.
TPF	2.00%	48993.	35084.	850.27	38672.	34723.
TPF	1.00%	60128.	43326.	1006.9	44095.	44675.
TPF	0.10%	0.10549E+06	75275.	1813.3	86283.	73316.
TPF	0.00%	0.50403E+07	0.36900E+07	67523.	0.26690E+07	0.45401E+07

Rank 6 53.83% 7716.4 8725.9

Prob.	BOE (MBbl)	Oil (MBbl)	COil(MBbl)	Gas (MMcf)	SGas(MMcf)	
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Mean	53.83%	7716.4	5473.4	145.71	6728.4	5058.4
TPF	100.00%	5.2590	3.7011	0.10034	4.8326	3.3587
TPF	99.00%	93.148	65.555	1.7773	85.596	59.490
TPF	98.00%	181.01	127.39	3.4538	166.33	115.60
TPF	97.00%	258.96	182.25	4.9412	237.97	165.39
TPF	96.00%	328.89	231.46	6.2754	302.22	210.05
TPF	95.00%	399.00	280.80	7.6132	366.65	254.82
TPF	90.00%	752.70	529.73	14.362	691.67	480.72
TPF	85.00%	1145.7	806.29	21.860	1052.8	731.70
TPF	80.00%	1557.4	1096.1	29.717	1431.2	994.67
TPF	75.00%	1985.8	1398.2	37.908	1820.5	1268.6
TPF	70.00%	2492.9	1760.0	47.711	2256.1	1594.6
TPF	65.00%	3009.8	2128.8	57.703	2700.0	1927.0

TPF	60.00%	3611.1	2557.7	69.326	3216.5	2313.7
TPF	55.00%	4246.8	3011.3	81.615	3762.6	2722.5
TPF	50.00%	4962.5	3520.0	95.024	4375.3	3197.7
TPF	45.00%	5746.4	4076.0	109.45	5045.1	3727.4
TPF	40.00%	6635.1	4706.4	125.81	5804.4	4327.7
TPF	35.00%	7628.7	5411.2	144.10	6653.5	4999.1
TPF	30.00%	8845.6	6272.8	165.77	7648.9	5878.6
TPF	25.00%	10264.	7276.4	190.79	8794.1	6923.3
TPF	20.00%	12079.	8560.9	222.81	10260.	8260.2
TPF	15.00%	14504.	10307.	266.58	12227.	9856.7
TPF	10.00%	17963.	12810.	329.40	15039.	12069.
TPF	5.00%	24344.	17382.	432.96	19810.	16883.
TPF	4.00%	26539.	18952.	467.77	21424.	18587.
TPF	3.00%	29328.	20943.	513.80	23578.	20657.
TPF	2.00%	33596.	23979.	591.64	27298.	23427.
TPF	1.00%	41206.	29391.	730.41	33930.	28367.
TPF	0.10%	70391.	50923.	1151.3	49093.	53847.
TPF	0.00%	0.50403E+07	0.36900E+07	67523.	0.26690E+07	0.45401E+07

Rank 7 31.88% 5570.9 6352.1

Prob.	BOE (MBbl)	Oil (MBbl)	COil(MBbl)	Gas (MMcf)	SGas(MMcf)	
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Mean	31.88%	5570.9	3951.6	106.22	4895.2	3608.8
TPF	100.00%	5.2590	3.7011	0.10034	4.8326	3.3587
TPF	99.00%	66.500	46.801	1.2689	61.108	42.471
TPF	98.00%	127.99	90.079	2.4422	117.62	81.745
TPF	97.00%	189.75	133.54	3.6206	174.36	121.19
TPF	96.00%	245.36	172.68	4.6817	225.47	156.70
TPF	95.00%	294.95	207.58	5.6279	271.04	188.38
TPF	90.00%	550.17	387.20	10.498	505.57	351.37
TPF	85.00%	811.22	570.91	15.479	745.45	518.10
TPF	80.00%	1108.7	780.28	21.155	1018.8	708.09
TPF	75.00%	1425.6	1003.3	27.201	1310.0	910.47
TPF	70.00%	1753.0	1233.7	33.449	1610.9	1119.6
TPF	65.00%	2128.2	1499.8	40.660	1942.8	1360.1
TPF	60.00%	2552.2	1802.3	48.857	2307.0	1632.8
TPF	55.00%	2995.7	2118.7	57.431	2688.0	1918.0
TPF	50.00%	3521.5	2493.8	67.594	3139.6	2256.1
TPF	45.00%	4098.1	2905.2	78.740	3634.8	2626.8
TPF	40.00%	4744.0	3365.0	91.001	4188.5	3050.0
TPF	35.00%	5502.8	3903.2	104.97	4836.9	3562.7
TPF	30.00%	6364.7	4514.6	120.83	5573.4	4145.1
TPF	25.00%	7413.4	5258.5	140.14	6469.5	4853.6
TPF	20.00%	8742.5	6199.8	163.96	7565.7	5802.7
TPF	15.00%	10491.	7437.3	194.80	8977.6	7090.7
TPF	10.00%	13069.	9269.7	240.54	11062.	8939.4
TPF	5.00%	17741.	12649.	325.36	14858.	11927.
TPF	4.00%	19237.	13730.	351.98	16055.	12917.
TPF	3.00%	21427.	15296.	386.70	17665.	14617.
TPF	2.00%	24480.	17480.	435.12	19911.	16988.
TPF	1.00%	30026.	21440.	526.53	24187.	21110.
TPF	0.10%	51374.	36845.	883.76	39831.	36850.
TPF	0.00%	0.50403E+07	0.36900E+07	67523.	0.26690E+07	0.45401E+07

Rank 8 15.85% 4245.1 4826.7

Prob.	BOE (MBbl)	Oil (MBbl)	COil(MBbl)	Gas (MMcf)	SGas(MMcf)	
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Mean	15.85%	4245.1	3010.0	81.581	3761.1	2721.3
TPF 100.00%	5.2590	3.7011	0.10034	4.8326	3.3587	
TPF 99.00%	51.938	36.553	0.99102	47.727	33.171	
TPF 98.00%	98.898	69.601	1.8870	90.879	63.162	
TPF 97.00%	146.14	102.85	2.7885	134.29	93.335	
TPF 96.00%	193.68	136.30	3.6955	177.97	123.69	
TPF 95.00%	237.19	166.93	4.5258	217.96	151.49	
TPF 90.00%	432.26	304.21	8.2478	397.21	276.07	
TPF 85.00%	635.70	447.39	12.130	584.16	406.00	
TPF 80.00%	849.60	597.92	16.211	780.72	542.61	
TPF 75.00%	1094.5	770.29	20.884	1005.8	699.02	
TPF 70.00%	1356.7	954.81	25.887	1246.7	866.48	
TPF 65.00%	1631.1	1147.9	31.123	1498.9	1041.7	
TPF 60.00%	1920.6	1351.7	36.647	1764.5	1226.6	
TPF 55.00%	2285.9	1612.3	43.710	2078.3	1461.5	
TPF 50.00%	2674.0	1889.2	51.211	2411.6	1711.1	
TPF 45.00%	3089.0	2185.3	59.234	2768.1	1977.9	
TPF 40.00%	3608.4	2555.8	69.273	3214.2	2311.9	
TPF 35.00%	4178.2	2962.3	80.288	3703.7	2678.3	
TPF 30.00%	4852.1	3441.7	92.992	4281.0	3123.1	
TPF 25.00%	5663.5	4017.2	107.93	4974.3	3671.3	
TPF 20.00%	6671.6	4732.3	126.48	5835.6	4352.4	
TPF 15.00%	7967.3	5651.2	150.28	6939.7	5231.7	
TPF 10.00%	9939.6	7047.0	185.07	8532.3	6684.5	
TPF 5.00%	13546.	9614.4	249.19	11449.	9244.1	
TPF 4.00%	14747.	10483.	271.00	12425.	10012.	
TPF 3.00%	16327.	11626.	299.68	13709.	11022.	
TPF 2.00%	18572.	13251.	340.46	15534.	12458.	
TPF 1.00%	22782.	16265.	408.19	18662.	15669.	
TPF 0.10%	38965.	27797.	689.53	31976.	26912.	
TPF 0.00%	0.50403E+07	0.36900E+07	67523.	0.26690E+07	0.45401E+07	

Rank 9 6.69% 3324.3 3755.7

Prob.	BOE (MBbl)	Oil (MBbl)	COil(MBbl)	Gas (MMcf)	SGas(MMcf)	
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Mean	6.69%	3324.3	2353.2	63.783	2970.2	2129.3
TPF 100.00%	5.2590	3.7011	0.10034	4.8326	3.3587	
TPF 99.00%	42.172	29.680	0.80468	38.753	26.934	
TPF 98.00%	79.344	55.840	1.5139	72.911	50.674	
TPF 97.00%	116.78	82.186	2.2282	107.31	74.582	
TPF 96.00%	154.48	108.72	2.9476	141.96	98.661	
TPF 95.00%	192.46	135.45	3.6722	176.85	122.92	
TPF 90.00%	352.72	248.23	6.7301	324.12	225.27	
TPF 85.00%	516.44	363.45	9.8540	474.56	329.83	
TPF 80.00%	684.23	481.54	13.056	628.75	436.99	
TPF 75.00%	866.50	609.82	16.533	796.25	553.40	
TPF 70.00%	1075.0	756.55	20.512	987.84	686.56	
TPF 65.00%	1299.7	914.68	24.799	1194.3	830.06	

TPF	60.00%	1537.3	1081.9	29.332	1412.6	981.80
TPF	55.00%	1789.8	1259.6	34.150	1644.7	1143.1
TPF	50.00%	2088.9	1471.8	39.901	1909.0	1334.9
TPF	45.00%	2437.8	1720.7	46.646	2208.8	1559.2
TPF	40.00%	2817.1	1991.3	53.978	2534.6	1803.1
TPF	35.00%	3255.1	2303.8	62.445	2910.8	2084.8
TPF	30.00%	3798.0	2691.1	72.940	3377.1	2433.9
TPF	25.00%	4415.7	3131.8	84.879	3907.6	2831.1
TPF	20.00%	5229.3	3709.2	99.934	4603.2	3378.0
TPF	15.00%	6257.0	4438.2	118.85	5481.4	4072.3
TPF	10.00%	7761.6	5505.5	146.55	6767.0	5088.9
TPF	5.00%	10557.	7483.7	195.96	9030.6	7139.0
TPF	4.00%	11506.	8155.7	212.71	9797.4	7838.5
TPF	3.00%	12702.	9003.7	233.86	10763.	8704.3
TPF	2.00%	14556.	10345.	267.53	12270.	9889.9
TPF	1.00%	17768.	12669.	325.85	14880.	11944.
TPF	0.10%	30153.	21530.	528.84	24297.	21192.
TPF	0.00%	0.50403E+07	0.36900E+07	67523.	0.26690E+07	0.45401E+07

Rank 10 2.34% 2624.6 2950.3

Prob.	BOE (MBbl)	Oil (MBbl)	COil(MBbl)	Gas (MMcf)	SGas(MMcf)	
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Mean	2.34%	2624.6	1854.0	50.257	2369.2	1679.3
TPF	100.00%	5.2590	3.7011	0.10034	4.8326	3.3587
TPF	99.00%	34.587	24.341	0.65995	31.783	22.089
TPF	98.00%	64.144	45.142	1.2239	58.943	40.966
TPF	97.00%	93.933	66.107	1.7923	86.317	59.991
TPF	96.00%	123.96	87.238	2.3652	113.91	79.167
TPF	95.00%	154.23	108.54	2.9427	141.72	98.498
TPF	90.00%	291.21	204.94	5.5565	267.60	185.98
TPF	85.00%	420.84	296.17	8.0299	386.72	268.77
TPF	80.00%	559.15	393.51	10.669	513.81	357.10
TPF	75.00%	700.00	492.64	13.356	643.24	447.06
TPF	70.00%	856.01	602.43	16.333	786.61	546.70
TPF	65.00%	1033.7	727.49	19.724	949.89	660.18
TPF	60.00%	1228.8	864.83	23.447	1129.2	784.82
TPF	55.00%	1437.4	1011.6	27.426	1320.8	918.00
TPF	50.00%	1661.6	1169.4	31.705	1526.9	1061.2
TPF	45.00%	1904.7	1340.5	36.343	1750.3	1216.5
TPF	40.00%	2221.9	1566.6	42.472	2023.3	1420.4
TPF	35.00%	2575.1	1818.6	49.299	2326.7	1647.5
TPF	30.00%	2972.2	2101.9	56.976	2667.7	1902.8
TPF	25.00%	3481.4	2465.2	66.819	3105.1	2230.3
TPF	20.00%	4109.8	2913.5	78.967	3644.9	2634.4
TPF	15.00%	4940.9	3504.6	94.626	4356.8	3183.1
TPF	10.00%	6127.0	4346.0	116.46	5370.3	3984.5
TPF	5.00%	8300.2	5886.8	156.15	7208.6	5477.0
TPF	4.00%	9053.6	6420.0	169.44	7816.9	6031.9
TPF	3.00%	9990.4	7082.9	185.97	8573.3	6721.9
TPF	2.00%	11448.	8114.4	211.68	9750.3	7795.5
TPF	1.00%	14012.	9951.6	257.65	11828.	9542.1
TPF	0.10%	23595.	16846.	421.08	19259.	16301.
TPF	0.00%	0.50403E+07	0.36900E+07	67523.	0.26690E+07	0.45401E+07



Rank 11 0.62% 2069.2 2321.3

Prob.	BOE (MBbl)	Oil (MBbl)	COil(MBbl)	Gas (MMcf)	SGas(MMcf)	
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Mean	0.62%	2069.2	1457.7	39.521	1892.1	1322.2
TPF 100.00%	5.2590	3.7011	0.10034	4.8326	3.3587	
TPF 99.00%	28.323	19.933	0.54042	26.026	18.089	
TPF 98.00%	51.584	36.303	0.98426	47.402	32.945	
TPF 97.00%	75.047	52.816	1.4319	68.962	47.929	
TPF 96.00%	98.714	69.472	1.8835	90.711	63.045	
TPF 95.00%	122.59	86.276	2.3391	112.65	78.294	
TPF 90.00%	240.19	169.04	4.5830	220.72	153.40	
TPF 85.00%	342.56	241.08	6.5363	314.79	218.78	
TPF 80.00%	451.64	317.85	8.6175	415.02	288.44	
TPF 75.00%	567.93	399.69	10.836	521.88	362.71	
TPF 70.00%	687.14	483.59	13.111	631.42	438.85	
TPF 65.00%	819.30	576.60	15.633	752.87	523.25	
TPF 60.00%	968.50	681.60	18.480	889.97	618.54	
TPF 55.00%	1138.8	801.48	21.730	1046.5	727.33	
TPF 50.00%	1323.1	931.13	25.245	1215.8	844.98	
TPF 45.00%	1523.9	1072.5	29.077	1400.3	973.25	
TPF 40.00%	1745.0	1228.1	33.296	1603.5	1114.5	
TPF 35.00%	2007.0	1413.3	38.318	1838.7	1282.2	
TPF 30.00%	2341.9	1652.3	44.793	2126.4	1497.6	
TPF 25.00%	2729.6	1928.9	52.286	2459.3	1746.8	
TPF 20.00%	3205.9	2268.7	61.493	2868.5	2053.1	
TPF 15.00%	3879.8	2749.4	74.520	3447.3	2486.4	
TPF 10.00%	4831.7	3427.2	92.616	4263.5	3109.3	
TPF 5.00%	6555.1	4649.6	124.34	5736.1	4273.7	
TPF 4.00%	7133.8	5060.2	134.99	6230.6	4664.7	
TPF 3.00%	7858.9	5574.5	148.34	6850.2	5154.6	
TPF 2.00%	9017.6	6394.5	168.81	7787.8	6005.3	
TPF 1.00%	11038.	7824.3	204.45	9419.3	7493.6	
TPF 0.10%	18601.	13272.	340.98	15557.	12477.	
TPF 0.00%	0.50403E+07	0.36900E+07	67523.	0.26690E+07	0.45401E+07	

Rank 12 0.09% 1630.1 1827.1

Prob.	BOE (MBbl)	Oil (MBbl)	COil(MBbl)	Gas (MMcf)	SGas(MMcf)	
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Mean	0.09%	1630.1	1147.2	31.104	1498.0	1041.1
TPF 100.00%	5.2590	3.7011	0.10034	4.8326	3.3587	
TPF 99.00%	23.267	16.374	0.44395	21.380	14.860	
TPF 98.00%	41.442	29.166	0.79074	38.082	26.467	
TPF 97.00%	59.788	42.077	1.1408	54.940	38.184	
TPF 96.00%	78.308	55.111	1.4942	71.959	50.012	
TPF 95.00%	97.006	68.270	1.8509	89.141	61.954	
TPF 90.00%	193.29	136.03	3.6881	177.62	123.45	
TPF 85.00%	279.47	196.68	5.3325	256.81	178.49	
TPF 80.00%	364.60	256.59	6.9568	335.04	232.85	
TPF 75.00%	456.32	321.15	8.7069	419.32	291.43	
TPF 70.00%	554.54	390.27	10.581	509.58	354.16	
TPF 65.00%	656.48	462.01	12.526	603.25	419.27	

TPF	60.00%	767.46	540.11	14.644	705.23	490.15
TPF	55.00%	893.41	628.76	17.047	820.98	570.59
TPF	50.00%	1040.8	732.50	19.860	956.43	664.73
TPF	45.00%	1205.0	848.08	22.993	1107.3	769.61
TPF	40.00%	1386.9	976.08	26.464	1274.5	885.78
TPF	35.00%	1591.0	1119.7	30.357	1462.0	1016.1
TPF	30.00%	1823.8	1283.5	34.799	1675.9	1164.8
TPF	25.00%	2131.4	1502.1	40.723	1945.6	1362.2
TPF	20.00%	2523.3	1781.7	48.299	2282.2	1614.2
TPF	15.00%	3018.0	2134.6	57.861	2707.1	1932.3
TPF	10.00%	3793.5	2687.9	72.852	3373.2	2431.0
TPF	5.00%	5167.9	3665.7	98.805	4550.8	3336.5
TPF	4.00%	5625.1	3990.0	107.22	4941.4	3645.4
TPF	3.00%	6216.8	4409.7	118.11	5447.0	4045.2
TPF	2.00%	7114.4	5046.4	134.63	6214.0	4651.6
TPF	1.00%	8706.6	6174.4	163.32	7536.7	5776.3
TPF	0.10%	14798.	10520.	271.93	12467.	10045.
TPF	0.00%	0.50403E+07	0.36900E+07	67523.	0.26690E+07	0.45401E+07