

# GEOLOGIC ECONOMIC RESOURCE MODEL MODULE PSRK

Geologic Economic Resource Model (Ver 8.29.2005)

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The Current UAI AAAAADAN 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 13 - L. Brookian Wrench Zone - Nanushuk Topset

Geologist Kirk W. Sherwood

Remarks 2005 Assessment

Run date Date 16-SEP-05 Time 10:26:43

## 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 = 0.10736E+06

S.D. = 0.17517E+06

MU = 10.825

SIG.SQ. = 1.6238

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

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Mean	%	0.10736E+06	44001.	10287.	0.19378E+06	0.10448E+06
TPF	100.00%	343.20	144.63	31.308	606.09	333.92
TPF	99.00%	2258.9	951.91	206.06	3989.2	2197.8
TPF	98.00%	3261.7	1374.5	297.55	5760.3	3173.6
TPF	97.00%	4105.0	1729.9	374.48	7249.5	3994.0
TPF	96.00%	4934.3	2079.4	450.13	8714.1	4800.9
TPF	95.00%	5762.0	2428.2	525.64	10176.	5606.3
TPF	90.00%	9522.6	4012.9	868.70	16817.	9265.2
TPF	85.00%	13328.	5581.4	1233.2	23641.	12963.
TPF	80.00%	17354.	7240.8	1618.8	30861.	16876.
TPF	75.00%	21721.	9093.1	2006.0	38467.	21228.
TPF	70.00%	26499.	11119.	2429.5	46787.	25990.
TPF	65.00%	31793.	13239.	2966.0	56601.	31002.
TPF	60.00%	37684.	15598.	3563.0	67519.	36578.
TPF	55.00%	44456.	18547.	4168.1	78660.	43524.
TPF	50.00%	52136.	21891.	4854.3	91295.	51401.
TPF	45.00%	61142.	25405.	5747.6	0.10873E+06	59813.
TPF	40.00%	71607.	29488.	6785.5	0.12898E+06	69588.
TPF	35.00%	84431.	34762.	7991.4	0.15193E+06	82295.
TPF	30.00%	0.10024E+06	41265.	9478.4	0.18022E+06	97965.

TPF	25.00%	0.12050E+06	49055.	11783.	0.21882E+06	0.11651E+06
TPF	20.00%	0.14790E+06	59589.	14898.	0.27100E+06	0.14158E+06
TPF	15.00%	0.18686E+06	75407.	18203.	0.34443E+06	0.17962E+06
TPF	10.00%	0.25154E+06	0.10167E+06	23690.	0.46635E+06	0.24278E+06
TPF	5.00%	0.39012E+06	0.15597E+06	39176.	0.72019E+06	0.37553E+06
TPF	4.00%	0.44208E+06	0.17634E+06	44983.	0.81537E+06	0.42531E+06
TPF	3.00%	0.51452E+06	0.20472E+06	53077.	0.94805E+06	0.49470E+06
TPF	2.00%	0.62396E+06	0.24761E+06	65308.	0.11485E+07	0.59955E+06
TPF	1.00%	0.83317E+06	0.32959E+06	88687.	0.15318E+07	0.79997E+06
TPF	0.10%	0.18290E+07	0.71981E+06	0.19997E+06	0.33559E+07	0.17540E+07
TPF	0.00%	0.59006E+07	0.23153E+07	0.65496E+06	0.10814E+08	0.56544E+07

### C) No.of Pools Distribution

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 Lower Support = 0  
 Upper Support = 22  
 Expectation = 3.01  
 Standard Deviation= 3.54

Rank 1 48.89% 0.34730E+06 0.42282E+06

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

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 Mean 48.89% 0.34730E+06 0.13920E+06 34392. 0.64177E+06 0.33452E+06  
 TPF 100.00% 343.20 144.63 31.308 606.09 333.92  
 TPF 99.00% 24230. 10157. 2228.3 42836. 23729.  
 TPF 98.00% 34698. 14402. 3260.4 61985. 33752.  
 TPF 97.00% 42545. 17715. 3997.4 75517. 41565.  
 TPF 96.00% 49133. 20583. 4586.0 86354. 48321.  
 TPF 95.00% 54924. 22979. 5130.8 96692. 54005.  
 TPF 90.00% 78295. 32239. 7414.4 0.14095E+06 76216.  
 TPF 85.00% 97572. 40167. 9227.2 0.17544E+06 95318.  
 TPF 80.00% 0.11572E+06 47217. 11239. 0.20971E+06 0.11213E+06  
 TPF 75.00% 0.13390E+06 54206. 13306. 0.24434E+06 0.12877E+06  
 TPF 70.00% 0.15109E+06 60886. 15169. 0.27702E+06 0.14470E+06  
 TPF 65.00% 0.17064E+06 68820. 16827. 0.31386E+06 0.16378E+06  
 TPF 60.00% 0.18804E+06 75886. 18303. 0.34666E+06 0.18077E+06  
 TPF 55.00% 0.21284E+06 85956. 20407. 0.39340E+06 0.20499E+06  
 TPF 50.00% 0.23502E+06 94964. 22289. 0.43522E+06 0.22665E+06  
 TPF 45.00% 0.25915E+06 0.10465E+06 24541. 0.48029E+06 0.25007E+06  
 TPF 40.00% 0.29840E+06 0.12003E+06 28927. 0.55218E+06 0.28767E+06  
 TPF 35.00% 0.33450E+06 0.13418E+06 32961. 0.61831E+06 0.32225E+06  
 TPF 30.00% 0.36792E+06 0.14728E+06 36696. 0.67953E+06 0.35427E+06  
 TPF 25.00% 0.40683E+06 0.16252E+06 41044. 0.75080E+06 0.39154E+06  
 TPF 20.00% 0.46899E+06 0.18688E+06 47990. 0.86466E+06 0.45109E+06  
 TPF 15.00% 0.55364E+06 0.22005E+06 57450. 0.10197E+07 0.53218E+06  
 TPF 10.00% 0.68401E+06 0.27114E+06 72018. 0.12585E+07 0.65707E+06  
 TPF 5.00% 0.10170E+07 0.40162E+06 0.10923E+06 0.18684E+07 0.97605E+06  
 TPF 4.00% 0.12054E+07 0.47543E+06 0.13028E+06 0.22135E+07 0.11565E+07  
 TPF 3.00% 0.13918E+07 0.54848E+06 0.15111E+06 0.25550E+07 0.13351E+07  
 TPF 2.00% 0.15763E+07 0.62077E+06 0.17173E+06 0.28929E+07 0.15118E+07  
 TPF 1.00% 0.17589E+07 0.69233E+06 0.19213E+06 0.32274E+07 0.16868E+07  
 TPF 0.10% 0.52384E+07 0.20558E+07 0.58096E+06 0.96009E+07 0.50200E+07  
 TPF 0.00% 0.59006E+07 0.23153E+07 0.65496E+06 0.10814E+08 0.56544E+07

Rank 2 48.20% 0.14387E+06 0.12217E+06

Prob.	BOE (MBbl)	Oil (MBbl)	COil(MBbl)	Gas (MMcf)	SGas(MMcf)
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Mean	48.20%	0.14387E+06	58040.	14440.	0.26333E+06 0.13789E+06
TPF 100.00%	343.20	144.63	31.308	606.09	333.92
TPF 99.00%	8909.4	3754.5	812.75	15734.	8668.5
TPF 98.00%	13712.	5739.9	1270.0	24331.	13337.
TPF 97.00%	17605.	7347.6	1641.1	31300.	17127.
TPF 96.00%	21016.	8794.3	1943.5	37240.	20526.
TPF 95.00%	24097.	10101.	2216.6	42606.	23597.
TPF 90.00%	36553.	15145.	3448.4	65423.	35508.
TPF 85.00%	46955.	19635.	4391.4	82771.	46087.
TPF 80.00%	56388.	23550.	5276.1	99526.	55373.
TPF 75.00%	65368.	27054.	6166.7	0.11691E+06	63760.
TPF 70.00%	74111.	30518.	7021.0	0.13347E+06	72070.
TPF 65.00%	83006.	34176.	7857.4	0.14938E+06	80883.
TPF 60.00%	92508.	38084.	8751.0	0.16638E+06	90300.
TPF 55.00%	0.10184E+06	41879.	9660.0	0.18327E+06	99426.
TPF 50.00%	0.11251E+06	45982.	10873.	0.20359E+06	0.10919E+06
TPF 45.00%	0.12325E+06	50112.	12095.	0.22405E+06	0.11902E+06
TPF 40.00%	0.13615E+06	55071.	13562.	0.24862E+06	0.13083E+06
TPF 35.00%	0.14885E+06	59975.	14979.	0.27280E+06	0.14251E+06
TPF 30.00%	0.16607E+06	66968.	16440.	0.30526E+06	0.15933E+06
TPF 25.00%	0.18311E+06	73886.	17885.	0.33737E+06	0.17596E+06
TPF 20.00%	0.20912E+06	84446.	20092.	0.38639E+06	0.20135E+06
TPF 15.00%	0.23851E+06	96378.	22585.	0.44178E+06	0.23005E+06
TPF 10.00%	0.29120E+06	0.11721E+06	28122.	0.53899E+06	0.28077E+06
TPF 5.00%	0.36998E+06	0.14808E+06	36926.	0.68330E+06	0.35624E+06
TPF 4.00%	0.38864E+06	0.15539E+06	39011.	0.71748E+06	0.37412E+06
TPF 3.00%	0.42591E+06	0.17000E+06	43175.	0.78574E+06	0.40981E+06
TPF 2.00%	0.48120E+06	0.19166E+06	49354.	0.88702E+06	0.46278E+06
TPF 1.00%	0.58083E+06	0.23071E+06	60488.	0.10695E+07	0.55823E+06
TPF 0.10%	0.11301E+07	0.44593E+06	0.12186E+06	0.20756E+07	0.10844E+07
TPF 0.00%	0.59006E+07	0.23153E+07	0.65496E+06	0.10814E+08	0.56544E+07

Rank 3 46.13% 84518. 67954.

Prob.	BOE (MBbl)	Oil (MBbl)	COil(MBbl)	Gas (MMcf)	SGas(MMcf)
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Mean	46.13%	84518.	34798.	7999.6	0.15209E+06 82382.
TPF 100.00%	343.20	144.63	31.308	606.09	333.92
TPF 99.00%	4478.8	1887.4	408.58	7909.7	4357.7
TPF 98.00%	6878.2	2898.5	627.46	12147.	6692.2
TPF 97.00%	8916.9	3757.7	813.44	15747.	8675.9
TPF 96.00%	10777.	4530.0	988.86	19067.	10484.
TPF 95.00%	12485.	5234.0	1152.5	22130.	12144.
TPF 90.00%	19943.	8339.0	1848.3	35371.	19456.
TPF 85.00%	26346.	11055.	2415.9	46521.	25838.
TPF 80.00%	32330.	13454.	3020.5	57597.	31511.
TPF 75.00%	38034.	15751.	3594.3	68095.	36938.
TPF 70.00%	43775.	18250.	4107.2	77540.	42826.
TPF 65.00%	49565.	20772.	4624.6	87066.	48764.

TPF	60.00%	55470.	23192.	5185.0	97747.	54515.
TPF	55.00%	61446.	25524.	5777.7	0.10932E+06	60097.
TPF	50.00%	67979.	28073.	6425.6	0.12196E+06	66199.
TPF	45.00%	74842.	30819.	7089.7	0.13477E+06	72793.
TPF	40.00%	82302.	33887.	7791.2	0.14812E+06	80186.
TPF	35.00%	90855.	37404.	8595.5	0.16342E+06	88661.
TPF	30.00%	99880.	41115.	9444.2	0.17957E+06	97605.
TPF	25.00%	0.11150E+06	45594.	10759.	0.20167E+06	0.10827E+06
TPF	20.00%	0.12475E+06	50688.	12266.	0.22691E+06	0.12039E+06
TPF	15.00%	0.14228E+06	57427.	14259.	0.26029E+06	0.13643E+06
TPF	10.00%	0.16788E+06	67701.	16593.	0.30866E+06	0.16109E+06
TPF	5.00%	0.21334E+06	86158.	20449.	0.39434E+06	0.20547E+06
TPF	4.00%	0.22795E+06	92091.	21689.	0.42188E+06	0.21974E+06
TPF	3.00%	0.24459E+06	98848.	23101.	0.45325E+06	0.23599E+06
TPF	2.00%	0.27944E+06	0.11260E+06	26808.	0.51745E+06	0.26950E+06
TPF	1.00%	0.33700E+06	0.13516E+06	33240.	0.62289E+06	0.32465E+06
TPF	0.10%	0.51277E+06	0.20403E+06	52882.	0.94485E+06	0.49303E+06
TPF	0.00%	0.59006E+07	0.23153E+07	0.65496E+06	0.10814E+08	0.56544E+07

Rank 4 41.98% 56305. 45310.

Prob.	BOE (MBbl)	Oil (MBbl)	COil(MBbl)	Gas (MMcf)	SGas(MMcf)
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Mean	41.98%	56305.	23518.	5267.8	99365. 55295.
TPF	100.00%	343.20	144.63	31.308	606.09 333.92
TPF	99.00%	2890.3	1218.0	263.67	5104.4 2812.2
TPF	98.00%	4256.6	1793.8	388.30	7517.2 4141.5
TPF	97.00%	5486.6	2312.1	500.51	9689.4 5338.3
TPF	96.00%	6581.7	2773.6	600.41	11623. 6403.7
TPF	95.00%	7609.4	3206.7	694.16	13438. 7403.7
TPF	90.00%	12265.	5143.1	1131.3	21735. 11930.
TPF	85.00%	16463.	6873.7	1533.5	29264. 16010.
TPF	80.00%	20487.	8569.6	1896.5	36318. 19998.
TPF	75.00%	24437.	10245.	2246.7	43198. 23936.
TPF	70.00%	28374.	11870.	2619.5	50263. 27765.
TPF	65.00%	32322.	13451.	3019.6	57581. 31502.
TPF	60.00%	36430.	15096.	3436.0	65196. 35392.
TPF	55.00%	40773.	16943.	3839.0	72601. 39747.
TPF	50.00%	45259.	18897.	4239.8	79981. 44348.
TPF	45.00%	50137.	21021.	4675.7	88006. 49351.
TPF	40.00%	55457.	23187.	5183.7	97722. 54503.
TPF	35.00%	61134.	25402.	5746.7	0.10871E+06 59805.
TPF	30.00%	67835.	28016.	6411.3	0.12168E+06 66064.
TPF	25.00%	75471.	31078.	7148.9	0.13590E+06 73417.
TPF	20.00%	84444.	34767.	7992.6	0.15195E+06 82308.
TPF	15.00%	96523.	39735.	9128.5	0.17357E+06 94279.
TPF	10.00%	0.11334E+06	46300.	10968.	0.20517E+06 0.10995E+06
TPF	5.00%	0.14220E+06	57395.	14249.	0.26014E+06 0.13636E+06
TPF	4.00%	0.15141E+06	61015.	15196.	0.27763E+06 0.14501E+06
TPF	3.00%	0.16489E+06	66486.	16339.	0.30302E+06 0.15817E+06
TPF	2.00%	0.18144E+06	73207.	17743.	0.33422E+06 0.17433E+06
TPF	1.00%	0.21619E+06	87317.	20692.	0.39972E+06 0.20826E+06
TPF	0.10%	0.34455E+06	0.13812E+06	34084.	0.63672E+06 0.33188E+06
TPF	0.00%	0.59006E+07	0.23153E+07	0.65496E+06	0.10814E+08 0.56544E+07

Rank 5 35.70% 40523. 32947.

Prob.	BOE (MBbl)	Oil (MBbl)	COil(MBbl)	Gas (MMcf)	SGas(MMcf)	
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Mean	35.70%	40523.	16834.	3816.7	72190.	39491.
TPF 100.00%	343.20	144.63	31.308	606.09	333.92	
TPF 99.00%	2119.4	893.16	193.35	3743.0	2062.2	
TPF 98.00%	3098.3	1305.7	282.64	5471.7	3014.6	
TPF 97.00%	3877.7	1634.1	353.74	6848.1	3772.9	
TPF 96.00%	4609.4	1942.5	420.49	8140.3	4484.8	
TPF 95.00%	5324.4	2243.7	485.71	9403.0	5180.4	
TPF 90.00%	8461.5	3565.8	771.90	14943.	8232.8	
TPF 85.00%	11374.	4775.9	1046.0	20137.	11064.	
TPF 80.00%	14181.	5932.9	1314.9	25171.	13792.	
TPF 75.00%	16964.	7080.0	1581.5	30162.	16497.	
TPF 70.00%	19833.	8292.4	1838.6	35180.	19347.	
TPF 65.00%	22734.	9522.7	2095.7	40231.	22238.	
TPF 60.00%	25741.	10798.	2362.3	45467.	25234.	
TPF 55.00%	28939.	12097.	2676.8	51311.	28300.	
TPF 50.00%	32241.	13419.	3011.4	57430.	31426.	
TPF 45.00%	35866.	14870.	3378.8	64151.	34858.	
TPF 40.00%	39806.	16522.	3752.6	71011.	38755.	
TPF 35.00%	44108.	18395.	4137.0	78088.	43168.	
TPF 30.00%	49111.	20574.	4584.0	86318.	48298.	
TPF 25.00%	54820.	22938.	5120.5	96489.	53908.	
TPF 20.00%	61593.	25581.	5792.3	0.10960E+06	60234.	
TPF 15.00%	70283.	28972.	6654.1	0.12642E+06	68351.	
TPF 10.00%	82563.	33994.	7815.8	0.14859E+06	80445.	
TPF 5.00%	0.10367E+06	42581.	9867.7	0.18675E+06	0.10110E+06	
TPF 4.00%	0.11078E+06	45316.	10676.	0.20029E+06	0.10761E+06	
TPF 3.00%	0.11912E+06	48523.	11625.	0.21618E+06	0.11524E+06	
TPF 2.00%	0.13271E+06	53749.	13171.	0.24207E+06	0.12768E+06	
TPF 1.00%	0.15490E+06	62432.	15492.	0.28420E+06	0.14842E+06	
TPF 0.10%	0.23727E+06	95878.	22480.	0.43946E+06	0.22885E+06	
TPF 0.00%	0.59006E+07	0.23153E+07	0.65496E+06	0.10814E+08	0.56544E+07	

Rank 6 28.07% 30874. 25310.

Prob.	BOE (MBbl)	Oil (MBbl)	COil(MBbl)	Gas (MMcf)	SGas(MMcf)	
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Mean	28.07%	30874.	12871.	2872.9	54898.	30132.
TPF 100.00%	343.20	144.63	31.308	606.09	333.92	
TPF 99.00%	1496.2	630.53	136.49	2642.4	1455.8	
TPF 98.00%	2459.3	1036.4	224.35	4343.2	2392.8	
TPF 97.00%	3055.2	1287.5	278.71	5395.5	2972.6	
TPF 96.00%	3586.1	1511.2	327.14	6333.1	3489.1	
TPF 95.00%	4081.1	1719.8	372.30	7207.4	3970.8	
TPF 90.00%	6408.6	2700.6	584.62	11318.	6235.3	
TPF 85.00%	8530.3	3594.8	778.17	15065.	8299.7	
TPF 80.00%	10626.	4467.7	974.38	18796.	10337.	
TPF 75.00%	12705.	5324.6	1173.5	22524.	12358.	
TPF 70.00%	14849.	6208.3	1378.9	26369.	14441.	
TPF 65.00%	17021.	7103.5	1586.9	30264.	16552.	

TPF	60.00%	19352.	8088.4	1796.0	34342.	18867.
TPF	55.00%	21730.	9096.9	2006.7	38483.	21237.
TPF	50.00%	24366.	10215.	2240.4	43073.	23864.
TPF	45.00%	27117.	11367.	2492.2	47934.	26576.
TPF	40.00%	30188.	12597.	2803.3	53626.	29482.
TPF	35.00%	33560.	13947.	3145.1	59877.	32675.
TPF	30.00%	37304.	15446.	3524.4	66815.	36219.
TPF	25.00%	41856.	17415.	3935.8	74384.	40858.
TPF	20.00%	47240.	19759.	4416.9	83240.	46380.
TPF	15.00%	54030.	22630.	5042.2	94961.	53170.
TPF	10.00%	63587.	26359.	5990.1	0.11346E+06	62097.
TPF	5.00%	79858.	32882.	7561.4	0.14375E+06	77764.
TPF	4.00%	84869.	34942.	8032.6	0.15271E+06	82730.
TPF	3.00%	92068.	37903.	8709.6	0.16560E+06	89864.
TPF	2.00%	0.10143E+06	41722.	9613.4	0.18249E+06	99052.
TPF	1.00%	0.11841E+06	48249.	11544.	0.21483E+06	0.11459E+06
TPF	0.10%	0.17921E+06	72304.	17555.	0.33003E+06	0.17216E+06
TPF	0.00%	0.59006E+07	0.23153E+07	0.65496E+06	0.10814E+08	0.56544E+07

Rank 7 20.32% 24597. 20223.

Prob.	BOE (MBbl)	Oil (MBbl)	COil(MBbl)	Gas (MMcf)	SGas(MMcf)	
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Mean	20.32%	24597.	10313.	2260.9	43477.	24095.
TPF 100.00%	343.20	144.63	31.308	606.09	333.92	
TPF 99.00%	1163.8	490.45	106.17	2055.3	1132.4	
TPF 98.00%	1984.0	836.08	180.99	3503.8	1930.4	
TPF 97.00%	2544.2	1072.1	232.09	4493.0	2475.4	
TPF 96.00%	2973.2	1252.9	271.23	5250.7	2892.8	
TPF 95.00%	3379.8	1424.3	308.32	5968.8	3288.4	
TPF 90.00%	5165.1	2176.6	471.18	9121.7	5025.5	
TPF 85.00%	6832.0	2879.1	623.25	12065.	6647.3	
TPF 80.00%	8453.0	3562.2	771.12	14928.	8224.5	
TPF 75.00%	10094.	4248.6	923.47	17843.	9820.9	
TPF 70.00%	11769.	4938.7	1083.8	20845.	11448.	
TPF 65.00%	13478.	5643.1	1247.5	23910.	13109.	
TPF 60.00%	15314.	6399.8	1423.4	27203.	14893.	
TPF 55.00%	17196.	7175.7	1603.7	30578.	16722.	
TPF 50.00%	19288.	8061.1	1790.3	34230.	18803.	
TPF 45.00%	21473.	8987.8	1983.9	38035.	20981.	
TPF 40.00%	23950.	10039.	2203.5	42349.	23450.	
TPF 35.00%	26602.	11161.	2440.0	46980.	26088.	
TPF 30.00%	29736.	12416.	2757.5	52787.	29054.	
TPF 25.00%	33298.	13842.	3118.5	59390.	32427.	
TPF 20.00%	37527.	15535.	3547.1	67229.	36430.	
TPF 15.00%	43125.	17967.	4049.2	76471.	42159.	
TPF 10.00%	50796.	21307.	4734.6	89090.	50027.	
TPF 5.00%	63961.	26505.	6027.2	0.11418E+06	62446.	
TPF 4.00%	68157.	28142.	6443.3	0.12231E+06	66365.	
TPF 3.00%	73525.	30277.	6965.8	0.13242E+06	71488.	
TPF 2.00%	81381.	33508.	7704.6	0.14647E+06	79274.	
TPF 1.00%	95000.	39109.	8985.3	0.17084E+06	92769.	
TPF 0.10%	0.14260E+06	57550.	14295.	0.26090E+06	0.13673E+06	
TPF 0.00%	0.59006E+07	0.23153E+07	0.65496E+06	0.10814E+08	0.56544E+07	

Rank 8 13.55% 20308. 16658.

Prob.	BOE (MBbl)	Oil (MBbl)	Coil(MBbl)	Gas (MMcf)	SGas(MMcf)	
-----	-----	-----	-----	-----	-----	
Mean	13.55%	20308.	8493.7	1880.7	36006.	19820.
TPF 100.00%	343.20	144.63	31.308	606.09	333.92	
TPF 99.00%	966.63	407.35	88.180	1707.1	940.50	
TPF 98.00%	1591.8	670.78	145.21	2811.1	1548.7	
TPF 97.00%	2218.6	934.96	202.39	3918.2	2158.7	
TPF 96.00%	2566.9	1081.7	234.17	4533.3	2497.5	
TPF 95.00%	2897.0	1220.8	264.28	5116.2	2818.7	
TPF 90.00%	4352.1	1834.0	397.02	7685.9	4234.4	
TPF 85.00%	5752.8	2424.3	524.79	10160.	5597.3	
TPF 80.00%	7051.1	2971.4	643.23	12452.	6860.5	
TPF 75.00%	8378.4	3530.8	764.32	14796.	8151.9	
TPF 70.00%	9743.0	4103.8	889.80	17212.	9479.4	
TPF 65.00%	11162.	4688.7	1025.7	19757.	10858.	
TPF 60.00%	12629.	5293.4	1166.3	22388.	12284.	
TPF 55.00%	14201.	5941.1	1316.8	25207.	13811.	
TPF 50.00%	15884.	6635.0	1478.0	28226.	15447.	
TPF 45.00%	17679.	7378.8	1647.7	31428.	17200.	
TPF 40.00%	19713.	8241.4	1827.9	34970.	19227.	
TPF 35.00%	21905.	9171.3	2022.3	38788.	21412.	
TPF 30.00%	24487.	10266.	2251.1	43284.	23985.	
TPF 25.00%	27425.	11490.	2523.3	48504.	26867.	
TPF 20.00%	30993.	12919.	2884.9	55118.	30245.	
TPF 15.00%	35564.	14749.	3348.2	63591.	34572.	
TPF 10.00%	41964.	17462.	3945.4	74561.	40968.	
TPF 5.00%	52725.	22121.	4912.8	92436.	51952.	
TPF 4.00%	56370.	23543.	5274.3	99490.	55356.	
TPF 3.00%	60761.	25257.	5709.8	0.10799E+06	59458.	
TPF 2.00%	67287.	27803.	6357.1	0.12062E+06	65553.	
TPF 1.00%	78424.	32292.	7426.5	0.14118E+06	76343.	
TPF 0.10%	0.11705E+06	47728.	11390.	0.21224E+06	0.11335E+06	
TPF 0.00%	0.59006E+07	0.23153E+07	0.65496E+06	0.10814E+08	0.56544E+07	

Rank 9 8.34% 17252. 14066.

Prob.	BOE (MBbl)	Oil (MBbl)	COil(MBbl)	Gas (MMcf)	SGas(MMcf)	
-----	-----	-----	-----	-----	-----	
Mean	8.34%	17252.	7198.8	1609.1	30679.	16777.
TPF 100.00%	343.20	144.63	31.308	606.09	333.92	
TPF 99.00%	839.83	353.91	76.613	1483.2	817.12	
TPF 98.00%	1338.8	564.18	122.13	2364.3	1302.6	
TPF 97.00%	1840.1	775.44	167.86	3249.7	1790.4	
TPF 96.00%	2303.4	970.66	210.12	4067.8	2241.1	
TPF 95.00%	2568.4	1082.3	234.30	4535.8	2498.9	
TPF 90.00%	3810.0	1605.6	347.57	6728.6	3707.0	
TPF 85.00%	4957.9	2089.3	452.29	8755.8	4823.9	
TPF 80.00%	6099.0	2570.2	556.38	10771.	5934.1	
TPF 75.00%	7201.4	3034.7	656.94	12718.	7006.7	
TPF 70.00%	8343.2	3515.9	761.10	14734.	8117.7	
TPF 65.00%	9529.9	4015.9	869.39	16830.	9272.3	

TPF	60.00%	10783.	4532.4	989.40	19077.	10490.
TPF	55.00%	12096.	5073.7	1115.2	21433.	11766.
TPF	50.00%	13490.	5648.1	1248.7	23932.	13121.
TPF	45.00%	15044.	6288.9	1397.6	26720.	14631.
TPF	40.00%	16708.	6974.4	1556.9	29703.	16248.
TPF	35.00%	18603.	7770.7	1729.6	33038.	18121.
TPF	30.00%	20740.	8677.0	1919.0	36759.	20251.
TPF	25.00%	23255.	9743.7	2141.9	41139.	22757.
TPF	20.00%	26238.	11009.	2406.4	46334.	25730.
TPF	15.00%	30143.	12579.	2798.8	53542.	29440.
TPF	10.00%	35526.	14734.	3344.3	63520.	34536.
TPF	5.00%	44668.	18639.	4187.1	79010.	43742.
TPF	4.00%	47735.	19975.	4461.1	84055.	46888.
TPF	3.00%	51457.	21595.	4793.7	90178.	50705.
TPF	2.00%	57025.	23799.	5339.2	0.10076E+06	55968.
TPF	1.00%	66392.	27454.	6268.3	0.11889E+06	64717.
TPF	0.10%	98653.	40611.	9328.8	0.17738E+06	96389.
TPF	0.00%	0.59006E+07	0.23153E+07	0.65496E+06	0.10814E+08	0.56544E+07

Rank 10 4.76% 14996. 12121.

Prob.	BOE (MBbl)	Oil (MBbl)	COil(MBbl)	Gas (MMcf)	SGas(MMcf)	
-----	-----	-----	-----	-----	-----	
Mean	4.76%	14996.	6269.1	1393.0	26634.	14585.
TPF	100.00%	343.20	144.63	31.308	606.09	333.92
TPF	99.00%	753.07	317.35	68.698	1329.9	732.71
TPF	98.00%	1165.4	491.10	106.31	2058.1	1133.9
TPF	97.00%	1580.1	665.89	144.15	2790.6	1537.4
TPF	96.00%	1997.4	841.74	182.21	3527.5	1943.4
TPF	95.00%	2341.8	986.86	213.63	4135.7	2278.5
TPF	90.00%	3430.0	1445.5	312.90	6057.5	3337.3
TPF	85.00%	4398.8	1853.7	401.28	7768.4	4279.9
TPF	80.00%	5390.3	2271.5	491.72	9519.3	5244.6
TPF	75.00%	6359.5	2679.9	580.14	11231.	6187.6
TPF	70.00%	7334.3	3090.8	669.07	12953.	7136.1
TPF	65.00%	8354.2	3520.5	762.10	14754.	8128.3
TPF	60.00%	9425.4	3971.9	859.82	16645.	9170.6
TPF	55.00%	10568.	4443.9	968.85	18692.	10281.
TPF	50.00%	11783.	4944.4	1085.2	20870.	11461.
TPF	45.00%	13081.	5479.4	1209.5	23198.	12723.
TPF	40.00%	14546.	6083.6	1349.9	25827.	14147.
TPF	35.00%	16159.	6748.3	1504.4	28719.	15715.
TPF	30.00%	17990.	7510.6	1675.2	31970.	17510.
TPF	25.00%	20164.	8432.8	1868.0	35756.	19677.
TPF	20.00%	22766.	9536.3	2098.6	40287.	22270.
TPF	15.00%	26071.	10938.	2391.6	46043.	25564.
TPF	10.00%	30747.	12821.	2860.0	54662.	30012.
TPF	5.00%	38634.	16012.	3647.9	69083.	37553.
TPF	4.00%	41264.	17157.	3882.9	73409.	40250.
TPF	3.00%	44477.	18556.	4170.0	78695.	43546.
TPF	2.00%	49256.	20637.	4597.0	86558.	48448.
TPF	1.00%	57368.	23933.	5373.3	0.10142E+06	56288.
TPF	0.10%	84904.	34957.	8035.9	0.15278E+06	82765.
TPF	0.00%	0.59006E+07	0.23153E+07	0.65496E+06	0.10814E+08	0.56544E+07



Rank 11 2.53% 13280. 10626.

Prob.	BOE (MBbl)	Oil (MBbl)	COil(MBbl)	Gas (MMcf)	SGas(MMcf)	
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Mean	2.53%	13280.	5561.7	1228.6	23556.	12917.
TPF 100.00%	343.20	144.63	31.308	606.09	333.92	
TPF 99.00%	690.75	291.09	63.013	1219.9	672.07	
TPF 98.00%	1040.6	438.54	94.932	1837.8	1012.5	
TPF 97.00%	1392.9	587.00	127.07	2460.0	1355.3	
TPF 96.00%	1747.7	736.49	159.43	3086.4	1700.4	
TPF 95.00%	2104.9	887.02	192.02	3717.3	2048.0	
TPF 90.00%	3133.6	1320.6	285.86	5534.1	3048.9	
TPF 85.00%	3988.1	1680.6	363.82	7043.2	3880.3	
TPF 80.00%	4843.9	2041.3	441.88	8554.4	4712.9	
TPF 75.00%	5733.5	2416.2	523.04	10126.	5578.5	
TPF 70.00%	6582.5	2773.9	600.48	11625.	6404.6	
TPF 65.00%	7472.0	3148.8	681.63	13196.	7270.1	
TPF 60.00%	8410.9	3544.4	767.28	14854.	8183.5	
TPF 55.00%	9406.8	3964.1	858.13	16613.	9152.5	
TPF 50.00%	10481.	4407.8	960.46	18535.	10196.	
TPF 45.00%	11636.	4884.1	1071.1	20608.	11319.	
TPF 40.00%	12889.	5400.4	1191.1	22854.	12536.	
TPF 35.00%	14316.	5988.6	1327.8	25413.	13923.	
TPF 30.00%	15931.	6654.1	1482.5	28309.	15493.	
TPF 25.00%	17795.	7427.9	1657.9	31630.	17315.	
TPF 20.00%	20106.	8408.1	1862.8	35655.	19619.	
TPF 15.00%	23023.	9645.1	2121.3	40734.	22526.	
TPF 10.00%	27078.	11352.	2488.2	47862.	26539.	
TPF 5.00%	34053.	14144.	3195.0	60789.	33141.	
TPF 4.00%	36255.	15026.	3418.2	64871.	35226.	
TPF 3.00%	39150.	16236.	3694.0	69931.	38082.	
TPF 2.00%	43258.	18025.	4061.0	76689.	42295.	
TPF 1.00%	50324.	21102.	4692.4	88314.	49542.	
TPF 0.10%	74516.	30685.	7059.1	0.13419E+06	72471.	
TPF 0.00%	0.59006E+07	0.23153E+07	0.65496E+06	0.10814E+08	0.56544E+07	

Rank 12 1.26% 11940. 9449.3

Prob.	BOE (MBbl)	Oil (MBbl)	COil(MBbl)	Gas (MMcf)	SGas(MMcf)	
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Mean	1.26%	11940.	5009.2	1100.2	21152.	11614.
TPF 100.00%	343.20	144.63	31.308	606.09	333.92	
TPF 99.00%	644.20	271.47	58.767	1137.7	626.79	
TPF 98.00%	947.43	399.26	86.428	1673.2	921.82	
TPF 97.00%	1252.9	527.98	114.29	2212.6	1219.0	
TPF 96.00%	1560.7	657.68	142.37	2756.2	1518.5	
TPF 95.00%	1870.8	788.37	170.66	3303.8	1820.2	
TPF 90.00%	2886.6	1216.5	263.33	5097.8	2808.6	
TPF 85.00%	3674.0	1548.2	335.16	6488.3	3574.7	
TPF 80.00%	4428.3	1866.1	403.97	7820.5	4308.6	
TPF 75.00%	5210.2	2195.6	475.30	9201.3	5069.4	
TPF 70.00%	6006.2	2531.1	547.91	10607.	5843.8	
TPF 65.00%	6792.5	2862.4	619.64	11996.	6608.8	

TPF	60.00%	7625.4	3213.4	695.62	13467.	7419.2
TPF	55.00%	8512.2	3587.1	776.52	15033.	8282.1
TPF	50.00%	9462.1	3987.4	863.18	16710.	9206.4
TPF	45.00%	10499.	4415.2	962.18	18568.	10214.
TPF	40.00%	11628.	4880.7	1070.4	20593.	11311.
TPF	35.00%	12872.	5393.3	1189.5	22823.	12520.
TPF	30.00%	14315.	5988.4	1327.8	25413.	13923.
TPF	25.00%	15991.	6679.0	1488.3	28417.	15551.
TPF	20.00%	18005.	7516.9	1676.5	31995.	17525.
TPF	15.00%	20608.	8621.1	1907.3	36529.	20119.
TPF	10.00%	24249.	10165.	2230.0	42869.	23748.
TPF	5.00%	30402.	12682.	2825.0	54023.	29685.
TPF	4.00%	32353.	13464.	3022.8	57640.	31532.
TPF	3.00%	34953.	14505.	3286.3	62459.	33994.
TPF	2.00%	38519.	15962.	3637.6	68894.	37435.
TPF	1.00%	44774.	18686.	4196.5	79184.	43851.
TPF	0.10%	66273.	27407.	6256.4	0.11866E+06	64606.
TPF	0.00%	0.59006E+07	0.23153E+07	0.65496E+06	0.10814E+08	0.56544E+07

Rank 13 0.59% 10868. 8504.8

Prob.	BOE (MBbl)	Oil (MBbl)	COil(MBbl)	Gas (MMcf)	SGas(MMcf)	
-----	-----	-----	-----	-----	-----	
Mean	0.59%	10868.	4567.5	997.56	19230.	10573.
TPF	100.00%	343.20	144.63	31.308	606.09	333.92
TPF	99.00%	608.33	256.36	55.494	1074.3	591.88
TPF	98.00%	875.53	368.96	79.869	1546.2	851.86
TPF	97.00%	1144.8	482.44	104.44	2021.8	1113.9
TPF	96.00%	1416.3	596.83	129.20	2501.2	1378.0
TPF	95.00%	1689.9	712.13	154.16	2984.4	1644.2
TPF	90.00%	2695.1	1135.8	245.86	4759.7	2622.3
TPF	85.00%	3429.6	1445.3	312.87	6056.8	3336.9
TPF	80.00%	4104.0	1729.5	374.39	7247.8	3993.1
TPF	75.00%	4800.2	2022.9	437.90	8477.3	4670.4
TPF	70.00%	5532.3	2331.4	504.68	9770.2	5382.8
TPF	65.00%	6256.5	2636.5	570.74	11049.	6087.4
TPF	60.00%	7003.4	2951.3	638.88	12368.	6814.1
TPF	55.00%	7800.9	3287.4	711.64	13777.	7590.1
TPF	50.00%	8657.8	3648.5	789.81	15290.	8423.8
TPF	45.00%	9586.3	4039.2	874.79	16931.	9327.0
TPF	40.00%	10612.	4461.9	973.02	18770.	10324.
TPF	35.00%	11745.	4929.1	1081.6	20803.	11425.
TPF	30.00%	13017.	5453.3	1203.4	23084.	12661.
TPF	25.00%	14539.	6080.7	1349.2	25814.	14140.
TPF	20.00%	16353.	6828.3	1523.0	29067.	15903.
TPF	15.00%	18688.	7806.7	1737.1	33185.	18205.
TPF	10.00%	21911.	9173.5	2022.8	38797.	21417.
TPF	5.00%	27467.	11507.	2527.6	48583.	26907.
TPF	4.00%	29274.	12231.	2710.8	51932.	28618.
TPF	3.00%	31512.	13127.	2937.6	56081.	30736.
TPF	2.00%	34808.	14447.	3271.6	62190.	33856.
TPF	1.00%	40407.	16784.	3806.3	72000.	39372.
TPF	0.10%	59489.	24760.	5583.6	0.10553E+06	58269.
TPF	0.00%	0.59006E+07	0.23153E+07	0.65496E+06	0.10814E+08	0.56544E+07

Rank 14 0.26% 9993.7 7732.2

Prob.	BOE (MBbl)	Oil (MBbl)	COil(MBbl)	Gas (MMcf)	SGas(MMcf)	
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Mean	0.26%	9993.7	4207.1	913.82	17662.	9723.0
TPF 100.00%	343.20	144.63	31.308	606.09	333.92	
TPF 99.00%	579.94	244.39	52.904	1024.2	564.26	
TPF 98.00%	818.60	344.97	74.676	1445.7	796.47	
TPF 97.00%	1059.2	446.36	96.626	1870.6	1030.6	
TPF 96.00%	1301.8	548.60	118.76	2299.1	1266.6	
TPF 95.00%	1546.5	651.70	141.08	2731.1	1504.7	
TPF 90.00%	2543.0	1071.6	231.98	4490.9	2474.2	
TPF 85.00%	3230.0	1361.1	294.65	5704.2	3142.6	
TPF 80.00%	3840.7	1618.5	350.36	6782.7	3736.9	
TPF 75.00%	4471.5	1884.3	407.91	7896.7	4350.6	
TPF 70.00%	5132.1	2162.7	468.17	9063.5	4993.4	
TPF 65.00%	5824.9	2454.7	531.37	10287.	5667.4	
TPF 60.00%	6501.0	2739.6	593.05	11481.	6325.3	
TPF 55.00%	7224.6	3044.5	659.06	12759.	7029.3	
TPF 50.00%	8003.9	3372.9	730.15	14135.	7787.6	
TPF 45.00%	8849.7	3729.4	807.31	15629.	8610.5	
TPF 40.00%	9779.3	4118.7	893.29	17278.	9514.7	
TPF 35.00%	10819.	4547.2	992.84	19142.	10525.	
TPF 30.00%	11989.	5029.4	1104.9	21240.	11662.	
TPF 25.00%	13333.	5583.5	1233.7	23651.	12968.	
TPF 20.00%	15015.	6276.6	1394.8	26666.	14602.	
TPF 15.00%	17093.	7133.3	1593.8	30394.	16622.	
TPF 10.00%	20076.	8395.5	1860.2	35603.	19589.	
TPF 5.00%	25087.	10521.	2304.3	44329.	24583.	
TPF 4.00%	26654.	11182.	2445.3	47076.	26137.	
TPF 3.00%	28792.	12038.	2661.9	51039.	28161.	
TPF 2.00%	31661.	13187.	2952.7	56357.	30877.	
TPF 1.00%	36709.	15208.	3464.2	65713.	35656.	
TPF 0.10%	53928.	22590.	5032.0	94763.	53075.	
TPF 0.00%	0.59006E+07	0.23153E+07	0.65496E+06	0.10814E+08	0.56544E+07	

Rank 15 0.11% 9266.7 7088.0

Prob.	BOE (MBbl)	Oil (MBbl)	COil(MBbl)	Gas (MMcf)	SGas(MMcf)	
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Mean	0.11%	9266.7	3905.1	845.35	16365.	9016.2
TPF 100.00%	343.20	144.63	31.308	606.09	333.92	
TPF 99.00%	556.96	234.71	50.808	983.60	541.90	
TPF 98.00%	772.50	325.54	70.471	1364.3	751.62	
TPF 97.00%	989.87	417.14	90.300	1748.1	963.11	
TPF 96.00%	1209.1	509.53	110.30	2135.3	1176.4	
TPF 95.00%	1430.2	602.70	130.47	2525.8	1391.5	
TPF 90.00%	2419.4	1019.6	220.71	4272.7	2354.0	
TPF 85.00%	3041.6	1281.8	277.47	5371.6	2959.4	
TPF 80.00%	3626.0	1528.0	330.78	6403.6	3528.0	
TPF 75.00%	4202.9	1771.1	383.41	7422.4	4089.3	
TPF 70.00%	4804.2	2024.6	438.26	8484.4	4674.4	
TPF 65.00%	5441.4	2293.1	496.39	9609.7	5294.3	

TPF	60.00%	6087.8	2565.5	555.35	10751.	5923.2
TPF	55.00%	6749.3	2844.2	615.71	11920.	6566.9
TPF	50.00%	7463.2	3145.1	680.83	13180.	7261.5
TPF	45.00%	8239.5	3472.2	751.64	14551.	8016.8
TPF	40.00%	9091.8	3831.4	829.40	16056.	8846.1
TPF	35.00%	10045.	4228.3	918.74	17754.	9772.9
TPF	30.00%	11127.	4674.0	1022.3	19694.	10824.
TPF	25.00%	12373.	5187.7	1141.7	21928.	12035.
TPF	20.00%	13882.	5809.6	1286.2	24635.	13501.
TPF	15.00%	15823.	6609.8	1472.2	28116.	15388.
TPF	10.00%	18514.	7733.0	1721.7	32883.	18032.
TPF	5.00%	23096.	9676.4	2127.9	40862.	22599.
TPF	4.00%	24572.	10302.	2258.7	43433.	24070.
TPF	3.00%	26411.	11082.	2421.7	46635.	25903.
TPF	2.00%	29147.	12180.	2697.8	51696.	28497.
TPF	1.00%	33718.	14010.	3161.1	60169.	32824.
TPF	0.10%	49287.	20651.	4599.8	86608.	48479.
TPF	0.00%	0.59006E+07	0.23153E+07	0.65496E+06	0.10814E+08	0.56544E+07

Rank 16 0.04% 8650.1 6538.8

Prob.	BOE (MBbl)	Oil (MBbl)	COil(MBbl)	Gas (MMcf)	SGas(MMcf)	
-----						
Mean	0.04%	8650.1	3645.2	789.10	15276.	8416.3
TPF	100.00%	343.20	144.63	31.308	606.09	333.92
TPF	99.00%	537.97	226.71	49.076	950.07	523.43
TPF	98.00%	734.41	309.49	66.996	1297.0	714.56
TPF	97.00%	932.55	392.99	85.071	1646.9	907.34
TPF	96.00%	1132.4	477.21	103.30	1999.9	1101.8
TPF	95.00%	1334.1	562.18	121.70	2356.0	1298.0
TPF	90.00%	2317.0	976.42	211.37	4091.9	2254.4
TPF	85.00%	2885.4	1215.9	263.22	5095.7	2807.4
TPF	80.00%	3447.6	1452.9	314.50	6088.5	3354.4
TPF	75.00%	3977.2	1676.0	362.82	7023.9	3869.7
TPF	70.00%	4530.5	1909.2	413.29	8001.0	4408.0
TPF	65.00%	5115.8	2155.8	466.68	9034.6	4977.5
TPF	60.00%	5739.8	2418.8	523.61	10137.	5584.7
TPF	55.00%	6350.6	2676.2	579.33	11215.	6178.9
TPF	50.00%	7008.5	2953.4	639.34	12377.	6819.0
TPF	45.00%	7725.0	3255.4	704.71	13643.	7516.2
TPF	40.00%	8513.1	3587.5	776.60	15034.	8283.0
TPF	35.00%	9390.5	3957.3	856.64	16584.	9136.7
TPF	30.00%	10393.	4371.6	952.06	18378.	10111.
TPF	25.00%	11552.	4849.6	1063.1	20457.	11238.
TPF	20.00%	12932.	5418.2	1195.3	22931.	12578.
TPF	15.00%	14726.	6157.5	1367.1	26148.	14322.
TPF	10.00%	17169.	7164.8	1601.2	30531.	16697.
TPF	5.00%	21372.	8945.0	1975.0	37859.	20880.
TPF	4.00%	22740.	9525.2	2096.3	40241.	22244.
TPF	3.00%	24489.	10267.	2251.3	43288.	23987.
TPF	2.00%	26890.	11276.	2469.1	47513.	26361.
TPF	1.00%	31083.	12955.	2894.1	55285.	30330.
TPF	0.10%	45187.	18865.	4233.4	79863.	44274.
TPF	0.00%	0.59006E+07	0.23153E+07	0.65496E+06	0.10814E+08	0.56544E+07

Rank 17 0.02% 8113.8 6055.9

Prob.	BOE (MBbl)	Oil (MBbl)	COil(MBbl)	Gas (MMcf)	SGas(MMcf)	
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Mean	0.02%	8113.8	3419.3	740.18	14329.	7894.5
TPF 100.00%	343.20	144.63	31.308	606.09	333.92	
TPF 99.00%	521.95	219.96	47.615	921.78	507.84	
TPF 98.00%	702.27	295.94	64.064	1240.2	683.29	
TPF 97.00%	884.17	372.60	80.658	1561.5	860.27	
TPF 96.00%	1067.7	449.94	97.399	1885.6	1038.8	
TPF 95.00%	1252.9	527.97	114.29	2212.6	1219.0	
TPF 90.00%	2204.6	929.04	201.11	3893.4	2145.0	
TPF 85.00%	2753.1	1160.2	251.15	4862.0	2678.7	
TPF 80.00%	3296.3	1389.1	300.70	5821.3	3207.2	
TPF 75.00%	3784.2	1594.7	345.21	6682.9	3681.9	
TPF 70.00%	4297.6	1811.1	392.05	7589.7	4181.5	
TPF 65.00%	4838.1	2038.8	441.35	8544.1	4707.3	
TPF 60.00%	5414.7	2281.8	493.95	9562.5	5268.4	
TPF 55.00%	6009.4	2532.4	548.20	10613.	5847.0	
TPF 50.00%	6618.5	2789.1	603.77	11688.	6439.6	
TPF 45.00%	7282.7	3069.0	664.36	12861.	7085.8	
TPF 40.00%	8014.2	3377.3	731.09	14153.	7797.5	
TPF 35.00%	8829.7	3720.9	805.48	15593.	8591.0	
TPF 30.00%	9756.1	4109.2	891.06	17236.	9492.1	
TPF 25.00%	10837.	4554.8	994.62	19175.	10543.	
TPF 20.00%	12126.	5086.1	1118.1	21486.	11795.	
TPF 15.00%	13758.	5758.6	1274.4	24412.	13381.	
TPF 10.00%	16053.	6704.5	1494.2	28528.	15611.	
TPF 5.00%	19920.	8329.0	1846.3	35330.	19433.	
TPF 4.00%	21131.	8842.7	1953.6	37439.	20640.	
TPF 3.00%	22733.	9522.2	2095.6	40229.	22237.	
TPF 2.00%	24977.	10474.	2294.6	44137.	24473.	
TPF 1.00%	28809.	12045.	2663.6	51070.	28177.	
TPF 0.10%	41627.	17315.	3915.4	74007.	40623.	
TPF 0.00%	0.59006E+07	0.23153E+07	0.65496E+06	0.10814E+08	0.56544E+07	

Rank 18 0.01% 7628.5 5610.4

Prob.	BOE (MBbl)	Oil (MBbl)	COil(MBbl)	Gas (MMcf)	SGas(MMcf)	
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Mean	0.01%	7628.5	3214.7	695.90	13472.	7422.3
TPF 100.00%	343.20	144.63	31.308	606.09	333.92	
TPF 99.00%	508.06	214.10	46.348	897.25	494.33	
TPF 98.00%	674.38	284.19	61.520	1191.0	656.15	
TPF 97.00%	842.18	354.90	76.827	1487.3	819.42	
TPF 96.00%	1011.5	426.25	92.273	1786.3	984.15	
TPF 95.00%	1182.3	498.25	107.86	2088.0	1150.4	
TPF 90.00%	2060.8	868.45	188.00	3639.4	2005.1	
TPF 85.00%	2637.8	1111.6	240.63	4658.5	2566.5	
TPF 80.00%	3145.9	1325.7	286.98	5555.6	3060.8	
TPF 75.00%	3615.4	1523.6	329.81	6384.8	3517.6	
TPF 70.00%	4093.4	1725.0	373.42	7229.1	3982.8	
TPF 65.00%	4594.0	1936.0	419.08	8113.1	4469.8	

TPF	60.00%	5128.7	2161.3	467.86	9057.4	4990.0
TPF	55.00%	5703.0	2403.3	520.25	10072.	5548.9
TPF	50.00%	6273.4	2643.7	572.29	11079.	6103.9
TPF	45.00%	6890.1	2903.6	628.55	12168.	6703.9
TPF	40.00%	7569.7	3190.0	690.54	13368.	7365.1
TPF	35.00%	8328.0	3509.5	759.72	14708.	8102.9
TPF	30.00%	9187.7	3871.8	838.14	16226.	8939.3
TPF	25.00%	10191.	4288.4	932.71	18016.	9914.7
TPF	20.00%	11393.	4783.8	1047.8	20171.	11083.
TPF	15.00%	12894.	5402.6	1191.6	22864.	12542.
TPF	10.00%	15015.	6276.9	1394.8	26668.	14603.
TPF	5.00%	18546.	7746.6	1724.5	32938.	18064.
TPF	4.00%	19685.	8229.5	1825.5	34921.	19199.
TPF	3.00%	21111.	8834.4	1951.9	37405.	20621.
TPF	2.00%	23171.	9708.1	2134.5	40992.	22673.
TPF	1.00%	26595.	11158.	2439.2	46966.	26081.
TPF	0.10%	38162.	15806.	3605.7	68307.	37069.
TPF	0.00%	0.59006E+07	0.23153E+07	0.65496E+06	0.10814E+08	0.56544E+07

Rank 19 0.00% 7156.3 5168.7

Prob.	BOE (MBbl)	Oil (MBbl)	COil(MBbl)	Gas (MMcf)	SGas(MMcf)	
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Mean	0.00%	7156.3	3015.7	652.83	12638.	6962.8
TPF	100.00%	343.20	144.63	31.308	606.09	333.92
TPF	99.00%	495.36	208.75	45.188	874.81	481.97
TPF	98.00%	648.86	273.44	59.192	1145.9	631.32
TPF	97.00%	803.74	338.70	73.321	1419.4	782.01
TPF	96.00%	960.02	404.56	87.577	1695.4	934.07
TPF	95.00%	1117.7	471.02	101.96	1973.9	1087.5
TPF	90.00%	1928.7	812.78	175.95	3406.2	1876.6
TPF	85.00%	2531.7	1066.9	230.95	4471.1	2463.3
TPF	80.00%	3000.9	1264.6	273.75	5299.6	2919.8
TPF	75.00%	3459.0	1457.7	315.55	6108.7	3365.5
TPF	70.00%	3900.7	1643.8	355.84	6888.7	3795.2
TPF	65.00%	4366.3	1840.0	398.32	7711.1	4248.3
TPF	60.00%	4860.7	2048.4	443.42	8584.2	4729.4
TPF	55.00%	5391.6	2272.1	491.85	9521.7	5245.9
TPF	50.00%	5947.6	2506.4	542.56	10504.	5786.8
TPF	45.00%	6517.4	2746.5	594.55	11510.	6341.2
TPF	40.00%	7145.4	3011.2	651.84	12619.	6952.3
TPF	35.00%	7846.2	3306.5	715.76	13857.	7634.1
TPF	30.00%	8640.5	3641.2	788.22	15259.	8406.9
TPF	25.00%	9560.8	4028.7	872.35	16886.	9302.3
TPF	20.00%	10672.	4486.6	978.76	18878.	10382.
TPF	15.00%	12060.	5058.7	1111.7	21367.	11731.
TPF	10.00%	13973.	5847.1	1295.0	24798.	13590.
TPF	5.00%	17162.	7161.9	1600.5	30518.	16690.
TPF	4.00%	18205.	7602.0	1694.3	32344.	17724.
TPF	3.00%	19535.	8165.8	1812.1	34660.	19049.
TPF	2.00%	21343.	8932.8	1972.4	37809.	20852.
TPF	1.00%	24512.	10277.	2253.4	43328.	24010.
TPF	0.10%	34944.	14501.	3285.3	62440.	33984.
TPF	0.00%	0.59006E+07	0.23153E+07	0.65496E+06	0.10814E+08	0.56544E+07

Rank 20 0.00% 6636.4 4689.1

Prob.	BOE (MBbl)	Oil (MBbl)	COil(MBbl)	Gas (MMcf)	SGas(MMcf)	
----	-----	-----	-----	-----	-----	
Mean	0.00%	6636.4	2796.6	605.40	11720.	6457.0
TPF	100.00%	343.20	144.63	31.308	606.09	333.92
TPF	99.00%	482.20	203.20	43.988	851.57	469.16
TPF	98.00%	622.42	262.29	56.780	1099.2	605.59
TPF	97.00%	763.88	321.91	69.684	1349.0	743.23
TPF	96.00%	906.60	382.05	82.704	1601.1	882.10
TPF	95.00%	1050.6	442.74	95.842	1855.4	1022.2
TPF	90.00%	1790.9	754.70	163.37	3162.8	1742.5
TPF	85.00%	2420.4	1020.0	220.80	4274.5	2355.0
TPF	80.00%	2848.1	1200.2	259.82	5029.8	2771.1
TPF	75.00%	3293.4	1387.9	300.44	5816.3	3204.4
TPF	70.00%	3695.4	1557.3	337.11	6526.2	3595.5
TPF	65.00%	4122.6	1737.3	376.08	7280.6	4011.1
TPF	60.00%	4571.8	1926.6	417.06	8073.9	4448.2
TPF	55.00%	5054.3	2129.9	461.07	8926.0	4917.7
TPF	50.00%	5575.5	2349.6	508.62	9846.4	5424.8
TPF	45.00%	6109.0	2574.4	557.29	10789.	5943.8
TPF	40.00%	6677.8	2814.1	609.18	11793.	6497.3
TPF	35.00%	7312.1	3081.4	667.04	12913.	7114.4
TPF	30.00%	8030.8	3384.3	732.61	14183.	7813.8
TPF	25.00%	8863.1	3735.0	808.53	15652.	8623.5
TPF	20.00%	9860.7	4152.3	901.08	17424.	9593.8
TPF	15.00%	11119.	4670.7	1021.6	19679.	10816.
TPF	10.00%	12824.	5373.6	1184.9	22737.	12473.
TPF	5.00%	15706.	6561.6	1461.0	27906.	15274.
TPF	4.00%	16602.	6930.8	1546.8	29513.	16145.
TPF	3.00%	17761.	7413.4	1654.9	31570.	17281.
TPF	2.00%	19431.	8121.9	1803.0	34479.	18946.
TPF	1.00%	22195.	9294.1	2048.0	39293.	21701.
TPF	0.10%	31486.	13117.	2934.9	56032.	30712.
TPF	0.00%	0.59006E+07	0.23153E+07	0.65496E+06	0.10814E+08	0.56544E+07

Rank 21 0.00% 5963.7 4127.6

Prob.	BOE (MBbl)	Oil (MBbl)	COil(MBbl)	Gas (MMcf)	SGas(MMcf)	
-----	-----	-----	-----	-----	-----	
Mean	0.00%	5963.7	2513.2	544.04	10532.	5802.5
TPF	100.00%	343.20	144.63	31.308	606.09	333.92
TPF	99.00%	464.55	195.76	42.378	820.40	451.99
TPF	98.00%	586.90	247.33	53.539	1036.5	571.03
TPF	97.00%	710.27	299.31	64.794	1254.3	691.07
TPF	96.00%	834.68	351.74	76.143	1474.1	812.12
TPF	95.00%	960.15	404.62	87.589	1695.7	934.20
TPF	90.00%	1604.2	676.05	146.35	2833.1	1560.9
TPF	85.00%	2269.2	956.25	207.00	4007.4	2207.8
TPF	80.00%	2639.8	1112.4	240.81	4662.0	2568.4
TPF	75.00%	3030.3	1277.0	276.44	5351.6	2948.4
TPF	70.00%	3414.5	1438.9	311.49	6030.1	3322.2
TPF	65.00%	3783.6	1594.4	345.15	6681.9	3681.3

TPF	60.00%	4176.5	1760.0	381.00	7375.8	4063.6
TPF	55.00%	4592.9	1935.5	418.98	8111.1	4468.7
TPF	50.00%	5043.1	2125.2	460.05	8906.2	4906.8
TPF	45.00%	5533.6	2331.9	504.80	9772.4	5384.0
TPF	40.00%	6045.8	2547.7	551.52	10677.	5882.3
TPF	35.00%	6594.4	2779.0	601.57	11646.	6416.2
TPF	30.00%	7217.4	3041.5	658.41	12746.	7022.3
TPF	25.00%	7940.9	3346.4	724.40	14024.	7726.2
TPF	20.00%	8807.8	3711.7	803.49	15555.	8569.7
TPF	15.00%	9902.3	4169.4	905.07	17498.	9634.2
TPF	10.00%	11408.	4790.2	1049.3	20199.	11098.
TPF	5.00%	13897.	5816.2	1287.7	24663.	13517.
TPF	4.00%	14705.	6148.9	1365.1	26111.	14301.
TPF	3.00%	15726.	6569.8	1462.9	27942.	15294.
TPF	2.00%	17129.	7148.2	1597.3	30459.	16657.
TPF	1.00%	19615.	8199.7	1819.2	34799.	19129.
TPF	0.10%	27816.	11647.	2562.9	49228.	27237.
TPF	0.00%	0.59006E+07	0.23153E+07	0.65496E+06	0.10814E+08	0.56544E+07

Rank 22 0.00% 4963.1 3454.2

Prob.	BOE (MBbl)	Oil (MBbl)	COil(MBbl)	Gas (MMcf)	SGas(MMcf)	
-----	-----	-----	-----	-----	-----	
Mean	0.00%	4963.1	2091.5	452.76	8764.9	4828.9
TPF	100.00%	343.20	144.63	31.308	606.09	333.92
TPF	99.00%	430.69	181.50	39.290	760.61	419.05
TPF	98.00%	519.03	218.73	47.348	916.62	505.00
TPF	97.00%	608.24	256.32	55.486	1074.2	591.80
TPF	96.00%	698.33	294.28	63.705	1233.3	679.45
TPF	95.00%	789.32	332.63	72.005	1394.0	767.98
TPF	90.00%	1258.4	530.32	114.80	2222.4	1224.4
TPF	85.00%	1753.1	738.79	159.93	3096.1	1705.7
TPF	80.00%	2268.1	955.78	206.90	4005.4	2206.8
TPF	75.00%	2558.9	1078.3	233.43	4519.0	2489.7
TPF	70.00%	2868.8	1208.9	261.70	5066.3	2791.2
TPF	65.00%	3200.6	1348.8	291.97	5652.3	3114.1
TPF	60.00%	3510.6	1479.4	320.26	6199.9	3415.8
TPF	55.00%	3835.9	1616.5	349.93	6774.2	3732.2
TPF	50.00%	4189.2	1765.4	382.16	7398.3	4076.0
TPF	45.00%	4573.1	1927.2	417.18	8076.3	4449.5
TPF	40.00%	5000.0	2107.1	456.12	8830.2	4864.9
TPF	35.00%	5480.5	2309.5	499.95	9678.6	5332.3
TPF	30.00%	6006.9	2531.4	547.97	10608.	5844.5
TPF	25.00%	6594.5	2779.0	601.58	11646.	6416.3
TPF	20.00%	7307.2	3079.3	666.60	12905.	7109.7
TPF	15.00%	8215.4	3462.1	749.44	14509.	7993.3
TPF	10.00%	9475.4	3993.0	864.39	16734.	9219.3
TPF	5.00%	11601.	4869.5	1067.7	20544.	11285.
TPF	4.00%	12271.	5145.7	1131.9	21746.	11936.
TPF	3.00%	13125.	5497.8	1213.8	23278.	12766.
TPF	2.00%	14367.	6009.7	1332.7	25505.	13973.
TPF	1.00%	16458.	6871.4	1533.0	29254.	16005.
TPF	0.10%	23582.	9882.3	2170.9	41707.	23083.
TPF	0.00%	0.59006E+07	0.23153E+07	0.65496E+06	0.10814E+08	0.56544E+07