

GEOLOGIC ECONOMIC RESOURCE MODEL MODULE PSRK

Geologic Economic Resource Model (Ver 8.29.2005)

The Current UAI AAAAADAG 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 06 - Sadlerochit - Arctic Platform
Geologist Kirk W. Sherwood
Remarks 2005 Assessment
Run date Date 16-SEP-05 Time 10:15:53

USER SUPPLIED PARAMETERS

RECOVERABLE RESOURCES? > R

B) Pool Size Distribution

Z PROB.

EXPECTATION = 0.36969E+06

S.D. = 0.53869E+06

MU = 12.266

SIG.SQ. = 1.1182

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

Mean	%	0.36969E+06	0.13062E+06	44751.	0.86150E+06	0.23059E+06
TPF 100.00%	1386.4	512.95	157.59	3141.5	881.40	
TPF 99.00%	18032.	6671.8	2049.8	40861.	11464.	
TPF 98.00%	24053.	8899.5	2734.2	54504.	15292.	
TPF 97.00%	28982.	10723.	3294.6	65675.	18426.	
TPF 96.00%	33459.	12380.	3803.4	75819.	21272.	
TPF 95.00%	37535.	13888.	4266.8	85055.	23864.	
TPF 90.00%	54938.	20327.	6245.0	0.12449E+06	34928.	
TPF 85.00%	70831.	25851.	8290.4	0.16159E+06	44607.	
TPF 80.00%	86919.	31442.	10361.	0.19915E+06	54405.	
TPF 75.00%	0.10368E+06	37008.	12500.	0.24019E+06	64290.	
TPF 70.00%	0.12183E+06	43031.	14814.	0.28459E+06	74986.	
TPF 65.00%	0.14111E+06	50199.	17074.	0.32770E+06	87285.	
TPF 60.00%	0.16222E+06	58043.	19547.	0.37487E+06	0.10074E+06	
TPF 55.00%	0.18563E+06	65849.	22514.	0.43204E+06	0.11461E+06	
TPF 50.00%	0.21300E+06	74975.	25982.	0.49888E+06	0.13082E+06	
TPF 45.00%	0.24403E+06	85140.	30296.	0.57418E+06	0.14854E+06	
TPF 40.00%	0.27893E+06	96570.	35148.	0.65886E+06	0.16848E+06	
TPF 35.00%	0.32192E+06	0.11270E+06	39696.	0.75483E+06	0.19790E+06	
TPF 30.00%	0.37313E+06	0.13191E+06	45115.	0.86917E+06	0.23295E+06	

TPF	25.00%	0.43644E+06	0.14844E+06	56500.	0.10403E+07	0.26078E+06
TPF	20.00%	0.51971E+06	0.17017E+06	71473.	0.12653E+07	0.29739E+06
TPF	15.00%	0.63684E+06	0.22722E+06	76612.	0.14705E+07	0.40100E+06
TPF	10.00%	0.81900E+06	0.31594E+06	84604.	0.17896E+07	0.56211E+06
TPF	5.00%	0.11910E+07	0.41821E+06	0.14874E+06	0.27641E+07	0.74327E+06
TPF	4.00%	0.13246E+07	0.45492E+06	0.17175E+06	0.31138E+07	0.80828E+06
TPF	3.00%	0.15160E+07	0.50755E+06	0.20476E+06	0.36152E+07	0.90150E+06
TPF	2.00%	0.18034E+07	0.58656E+06	0.25431E+06	0.43681E+07	0.10415E+07
TPF	1.00%	0.24029E+07	0.75137E+06	0.35765E+06	0.59384E+07	0.13334E+07
TPF	0.10%	0.53297E+07	0.15560E+07	0.86218E+06	0.13604E+08	0.27585E+07
TPF	0.00%	0.44914E+08	0.12438E+08	0.76859E+07	0.11729E+09	0.22033E+08

C) No.of Pools Distribution

Lower Support = 0
Upper Support = 23
Expectation = 4.35
Standard Deviation= 4.10

Rank 1 59.96% 0.12757E+07 0.24282E+07

Prob.	BOE (MBbl)	Oil (MBbl)	COil(MBbl)	Gas (MMcf)	SGas(MMcf)
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Mean	59.96%	0.12757E+07	0.44148E+06	0.16333E+06	0.29858E+07	0.78448E+06
TPF	100.00%	1386.4	512.95	157.59	3141.5	881.40
TPF	99.00%	0.15370E+06	54879.	18550.	0.35584E+06	95312.
TPF	98.00%	0.19625E+06	69390.	23859.	0.45798E+06	0.12090E+06
TPF	97.00%	0.22724E+06	79639.	27961.	0.53344E+06	0.13895E+06
TPF	96.00%	0.25191E+06	87720.	31391.	0.59330E+06	0.15304E+06
TPF	95.00%	0.27278E+06	94556.	34293.	0.64394E+06	0.16496E+06
TPF	90.00%	0.35752E+06	0.12605E+06	43463.	0.83432E+06	0.22226E+06
TPF	85.00%	0.42361E+06	0.14509E+06	54193.	0.10056E+07	0.25514E+06
TPF	80.00%	0.48489E+06	0.16108E+06	65212.	0.11712E+07	0.28208E+06
TPF	75.00%	0.54215E+06	0.18110E+06	72458.	0.13046E+07	0.31724E+06
TPF	70.00%	0.60060E+06	0.20957E+06	75022.	0.14070E+07	0.36894E+06
TPF	65.00%	0.65742E+06	0.23724E+06	77515.	0.15066E+07	0.41920E+06
TPF	60.00%	0.72413E+06	0.26973E+06	80442.	0.16234E+07	0.47820E+06
TPF	55.00%	0.78302E+06	0.29841E+06	83026.	0.17266E+07	0.53029E+06
TPF	50.00%	0.85318E+06	0.32533E+06	90496.	0.18792E+07	0.57876E+06
TPF	45.00%	0.95063E+06	0.35212E+06	0.10730E+06	0.21344E+07	0.62621E+06
TPF	40.00%	0.10396E+07	0.37659E+06	0.12264E+06	0.23676E+07	0.66955E+06
TPF	35.00%	0.11216E+07	0.39912E+06	0.13676E+06	0.25821E+07	0.70944E+06
TPF	30.00%	0.12025E+07	0.42138E+06	0.15072E+06	0.27942E+07	0.74887E+06
TPF	25.00%	0.13314E+07	0.45681E+06	0.17294E+06	0.31318E+07	0.81164E+06
TPF	20.00%	0.15016E+07	0.50358E+06	0.20227E+06	0.35775E+07	0.89449E+06
TPF	15.00%	0.17344E+07	0.56759E+06	0.24241E+06	0.41873E+07	0.10079E+07
TPF	10.00%	0.21317E+07	0.67680E+06	0.31089E+06	0.52279E+07	0.12013E+07
TPF	5.00%	0.33550E+07	0.10131E+07	0.52178E+06	0.84322E+07	0.17970E+07
TPF	4.00%	0.38245E+07	0.11422E+07	0.60271E+06	0.96618E+07	0.20256E+07
TPF	3.00%	0.42891E+07	0.12699E+07	0.68280E+06	0.10879E+08	0.22518E+07
TPF	2.00%	0.47490E+07	0.13963E+07	0.76208E+06	0.12083E+08	0.24758E+07
TPF	1.00%	0.52042E+07	0.15215E+07	0.84055E+06	0.13276E+08	0.26974E+07
TPF	0.10%	0.39453E+08	0.10937E+08	0.67445E+07	0.10298E+09	0.19374E+08
TPF	0.00%	0.44914E+08	0.12438E+08	0.76859E+07	0.11729E+09	0.22033E+08

Rank 2 59.68% 0.55273E+06 0.38576E+06

Prob.	BOE (MBbl)	Oil (MBbl)	COil(MBbl)	Gas (MMcf)	SGas(MMcf)
Mean	59.68%	0.55273E+06	0.18626E+06	72922.	0.13231E+07 0.32660E+06
TPF 100.00%	1386.4	512.95	157.59	3141.5	881.40
TPF 99.00%	74720.	27202.	8790.8	0.17067E+06	46975.
TPF 98.00%	0.10067E+06	36006.	12115.	0.23280E+06	62510.
TPF 97.00%	0.11970E+06	42323.	14542.	0.27937E+06	73730.
TPF 96.00%	0.13511E+06	47968.	16371.	0.31428E+06	83456.
TPF 95.00%	0.14830E+06	52871.	17917.	0.34377E+06	91867.
TPF 90.00%	0.19926E+06	70392.	24240.	0.46531E+06	0.12268E+06
TPF 85.00%	0.23935E+06	83603.	29644.	0.56280E+06	0.14587E+06
TPF 80.00%	0.27373E+06	94865.	34424.	0.64623E+06	0.16550E+06
TPF 75.00%	0.30717E+06	0.10716E+06	38136.	0.72190E+06	0.18780E+06
TPF 70.00%	0.33922E+06	0.11918E+06	41527.	0.79346E+06	0.20974E+06
TPF 65.00%	0.36966E+06	0.13061E+06	44748.	0.86143E+06	0.23057E+06
TPF 60.00%	0.40251E+06	0.13958E+06	50399.	0.94859E+06	0.24587E+06
TPF 55.00%	0.43322E+06	0.14759E+06	55921.	0.10316E+07	0.25937E+06
TPF 50.00%	0.46960E+06	0.15709E+06	62464.	0.11299E+07	0.27536E+06
TPF 45.00%	0.50473E+06	0.16626E+06	68780.	0.12248E+07	0.29081E+06
TPF 40.00%	0.54562E+06	0.18280E+06	72610.	0.13107E+07	0.32031E+06
TPF 35.00%	0.59086E+06	0.20483E+06	74595.	0.13900E+07	0.36033E+06
TPF 30.00%	0.63498E+06	0.22631E+06	76531.	0.14672E+07	0.39935E+06
TPF 25.00%	0.70183E+06	0.25887E+06	79463.	0.15844E+07	0.45847E+06
TPF 20.00%	0.77019E+06	0.29217E+06	82463.	0.17041E+07	0.51894E+06
TPF 15.00%	0.86344E+06	0.32815E+06	92264.	0.19060E+07	0.58375E+06
TPF 10.00%	0.10182E+07	0.37071E+06	0.11895E+06	0.23114E+07	0.65912E+06
TPF 5.00%	0.12050E+07	0.42204E+06	0.15114E+06	0.28005E+07	0.75005E+06
TPF 4.00%	0.12817E+07	0.44315E+06	0.16437E+06	0.30017E+07	0.78744E+06
TPF 3.00%	0.13845E+07	0.47141E+06	0.18209E+06	0.32709E+07	0.83749E+06
TPF 2.00%	0.15277E+07	0.51077E+06	0.20678E+06	0.36460E+07	0.90722E+06
TPF 1.00%	0.17897E+07	0.58278E+06	0.25193E+06	0.43320E+07	0.10348E+07
TPF 0.10%	0.36188E+07	0.10856E+07	0.56726E+06	0.91232E+07	0.19255E+07
TPF 0.00%	0.44914E+08	0.12438E+08	0.76859E+07	0.11729E+09	0.22033E+08

Rank 3 58.63% 0.35665E+06 0.22426E+06

Prob.	BOE (MBbl)	Oil (MBbl)	COil(MBbl)	Gas (MMcf)	SGas(MMcf)
Mean	58.63%	0.35665E+06	0.12572E+06	43371.	0.83238E+06 0.22167E+06
TPF 100.00%	1386.4	512.95	157.59	3141.5	881.40
TPF 99.00%	42022.	15548.	4776.9	95223.	26717.
TPF 98.00%	58136.	21438.	6656.6	0.13196E+06	36875.
TPF 97.00%	70198.	25630.	8208.8	0.16011E+06	44221.
TPF 96.00%	80442.	29191.	9527.1	0.18403E+06	50460.
TPF 95.00%	89404.	32267.	10678.	0.20523E+06	55870.
TPF 90.00%	0.12500E+06	44209.	15186.	0.29168E+06	77008.
TPF 85.00%	0.15275E+06	54522.	18437.	0.35370E+06	94700.
TPF 80.00%	0.17696E+06	62959.	21415.	0.41087E+06	0.10947E+06
TPF 75.00%	0.20001E+06	70645.	24336.	0.46717E+06	0.12313E+06
TPF 70.00%	0.22234E+06	78034.	27280.	0.52154E+06	0.13615E+06
TPF 65.00%	0.24379E+06	85059.	30262.	0.57359E+06	0.14840E+06

TPF	60.00%	0.26574E+06	92249.	33314.	0.62685E+06	0.16094E+06
TPF	55.00%	0.28780E+06	99897.	36086.	0.67866E+06	0.17455E+06
TPF	50.00%	0.31146E+06	0.10877E+06	38590.	0.73149E+06	0.19074E+06
TPF	45.00%	0.33638E+06	0.11812E+06	41227.	0.78713E+06	0.20780E+06
TPF	40.00%	0.36244E+06	0.12790E+06	43984.	0.84530E+06	0.22563E+06
TPF	35.00%	0.39150E+06	0.13670E+06	48419.	0.91882E+06	0.24103E+06
TPF	30.00%	0.42293E+06	0.14491E+06	54071.	0.10038E+07	0.25485E+06
TPF	25.00%	0.46051E+06	0.15472E+06	60829.	0.11053E+07	0.27137E+06
TPF	20.00%	0.50377E+06	0.16601E+06	68608.	0.12222E+07	0.29039E+06
TPF	15.00%	0.56218E+06	0.19086E+06	73336.	0.13397E+07	0.33496E+06
TPF	10.00%	0.63494E+06	0.22630E+06	76529.	0.14672E+07	0.39932E+06
TPF	5.00%	0.77509E+06	0.29455E+06	82678.	0.17127E+07	0.52328E+06
TPF	4.00%	0.81067E+06	0.31188E+06	84239.	0.17750E+07	0.55474E+06
TPF	3.00%	0.88474E+06	0.33401E+06	95937.	0.19618E+07	0.59412E+06
TPF	2.00%	0.98407E+06	0.36132E+06	0.11306E+06	0.22220E+07	0.64249E+06
TPF	1.00%	0.11177E+07	0.39805E+06	0.13610E+06	0.25720E+07	0.70756E+06
TPF	0.10%	0.16258E+07	0.53773E+06	0.22368E+06	0.39028E+07	0.95496E+06
TPF	0.00%	0.44914E+08	0.12438E+08	0.76859E+07	0.11729E+09	0.22033E+08

Rank 4 56.02% 0.25369E+06 0.16000E+06

Prob.	BOE (MBbl)	Oil (MBbl)	COil(MBbl)	Gas (MMcf)	SGas(MMcf)
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Mean	56.02%	0.25369E+06	88303.	31639.	0.59762E+06	0.15406E+06
TPF	100.00%	1386.4	512.95	157.59	3141.5	881.40
TPF	99.00%	27628.	10222.	3140.6	62606.	17565.
TPF	98.00%	38113.	14102.	4332.4	86364.	24231.
TPF	97.00%	45819.	16953.	5208.5	0.10383E+06	29131.
TPF	96.00%	52884.	19567.	6011.5	0.11984E+06	33622.
TPF	95.00%	59026.	21748.	6771.1	0.13403E+06	37417.
TPF	90.00%	83855.	30377.	9966.3	0.19200E+06	52538.
TPF	85.00%	0.10405E+06	37129.	12546.	0.24108E+06	64504.
TPF	80.00%	0.12238E+06	43237.	14879.	0.28583E+06	75340.
TPF	75.00%	0.13928E+06	49519.	16860.	0.32361E+06	86117.
TPF	70.00%	0.15565E+06	55603.	18778.	0.36020E+06	96555.
TPF	65.00%	0.17172E+06	61209.	20751.	0.39806E+06	0.10637E+06
TPF	60.00%	0.18762E+06	66512.	22766.	0.43690E+06	0.11579E+06
TPF	55.00%	0.20487E+06	72264.	24951.	0.47903E+06	0.12600E+06
TPF	50.00%	0.22251E+06	78089.	27303.	0.52195E+06	0.13625E+06
TPF	45.00%	0.24067E+06	84038.	29828.	0.56602E+06	0.14662E+06
TPF	40.00%	0.26030E+06	90469.	32558.	0.61366E+06	0.15784E+06
TPF	35.00%	0.28056E+06	97181.	35320.	0.66250E+06	0.16959E+06
TPF	30.00%	0.30537E+06	0.10649E+06	37946.	0.71790E+06	0.18657E+06
TPF	25.00%	0.33259E+06	0.11670E+06	40826.	0.77866E+06	0.20520E+06
TPF	20.00%	0.36455E+06	0.12869E+06	44207.	0.85002E+06	0.22708E+06
TPF	15.00%	0.40549E+06	0.14036E+06	50935.	0.95663E+06	0.24718E+06
TPF	10.00%	0.46071E+06	0.15477E+06	60865.	0.11059E+07	0.27146E+06
TPF	5.00%	0.55507E+06	0.18740E+06	73025.	0.13272E+07	0.32867E+06
TPF	4.00%	0.58585E+06	0.20239E+06	74375.	0.13812E+07	0.35590E+06
TPF	3.00%	0.62150E+06	0.21975E+06	75939.	0.14436E+07	0.38743E+06
TPF	2.00%	0.68104E+06	0.24875E+06	78552.	0.15479E+07	0.44009E+06
TPF	1.00%	0.77592E+06	0.29496E+06	82714.	0.17142E+07	0.52401E+06
TPF	0.10%	0.11289E+07	0.40113E+06	0.13803E+06	0.26013E+07	0.71301E+06
TPF	0.00%	0.44914E+08	0.12438E+08	0.76859E+07	0.11729E+09	0.22033E+08

Rank 5 51.18% 0.19116E+06 0.12236E+06

Prob.	BOE (MBbl)	Oil (MBbl)	COil(MBbl)	Gas (MMcf)	SGas(MMcf)
Mean	51.18%	0.19116E+06	67693.	23214.	0.44555E+06 0.11788E+06
TPF 100.00%	1386.4	512.95	157.59	3141.5	881.40
TPF 99.00%	20455.	7568.3	2325.2	46351.	13005.
TPF 98.00%	27718.	10255.	3150.8	62809.	17622.
TPF 97.00%	33579.	12424.	3817.0	76090.	21348.
TPF 96.00%	38458.	14229.	4371.7	87147.	24451.
TPF 95.00%	42602.	15762.	4842.7	96536.	27085.
TPF 90.00%	60820.	22371.	7002.1	0.13822E+06	38510.
TPF 85.00%	75805.	27579.	8930.4	0.17320E+06	47636.
TPF 80.00%	89432.	32276.	10681.	0.20530E+06	55886.
TPF 75.00%	0.10232E+06	36555.	12326.	0.23685E+06	63486.
TPF 70.00%	0.11518E+06	40825.	13966.	0.26833E+06	71069.
TPF 65.00%	0.12777E+06	45241.	15511.	0.29788E+06	78779.
TPF 60.00%	0.14020E+06	49859.	16967.	0.32565E+06	86701.
TPF 55.00%	0.15324E+06	54707.	18496.	0.35481E+06	95018.
TPF 50.00%	0.16648E+06	59464.	20087.	0.38528E+06	0.10326E+06
TPF 45.00%	0.18051E+06	64141.	21865.	0.41953E+06	0.11157E+06
TPF 40.00%	0.19600E+06	69308.	23828.	0.45737E+06	0.12075E+06
TPF 35.00%	0.21253E+06	74818.	25922.	0.49773E+06	0.13054E+06
TPF 30.00%	0.23167E+06	81089.	28577.	0.54417E+06	0.14148E+06
TPF 25.00%	0.25265E+06	87960.	31493.	0.59508E+06	0.15346E+06
TPF 20.00%	0.27670E+06	95838.	34837.	0.65344E+06	0.16720E+06
TPF 15.00%	0.30894E+06	0.10783E+06	38324.	0.72587E+06	0.18902E+06
TPF 10.00%	0.35224E+06	0.12407E+06	42905.	0.82254E+06	0.21865E+06
TPF 5.00%	0.42262E+06	0.14483E+06	54015.	0.10029E+07	0.25471E+06
TPF 4.00%	0.44460E+06	0.15057E+06	57967.	0.10623E+07	0.26437E+06
TPF 3.00%	0.47544E+06	0.15862E+06	63513.	0.11457E+07	0.27793E+06
TPF 2.00%	0.51387E+06	0.16865E+06	70424.	0.12495E+07	0.29483E+06
TPF 1.00%	0.58860E+06	0.20373E+06	74496.	0.13860E+07	0.35833E+06
TPF 0.10%	0.82591E+06	0.31784E+06	85796.	0.18077E+07	0.56548E+06
TPF 0.00%	0.44914E+08	0.12438E+08	0.76859E+07	0.11729E+09	0.22033E+08

Rank 6 44.05% 0.15057E+06 97470.

Prob.	BOE (MBbl)	Oil (MBbl)	COil(MBbl)	Gas (MMcf)	SGas(MMcf)
Mean	44.05%	0.15057E+06	53714.	18182.	0.34884E+06 93314.
TPF 100.00%	1386.4	512.95	157.59	3141.5	881.40
TPF 99.00%	15297.	5659.6	1738.8	34662.	9725.0
TPF 98.00%	21982.	8133.1	2498.7	49811.	13975.
TPF 97.00%	26329.	9741.7	2993.0	59662.	16739.
TPF 96.00%	30119.	11144.	3423.7	68250.	19149.
TPF 95.00%	33593.	12429.	3818.7	76123.	21358.
TPF 90.00%	47126.	17437.	5357.1	0.10679E+06	29961.
TPF 85.00%	58877.	21696.	6751.9	0.13369E+06	37327.
TPF 80.00%	69358.	25338.	8100.7	0.15815E+06	43710.
TPF 75.00%	79481.	28857.	9403.5	0.18179E+06	49875.
TPF 70.00%	89363.	32253.	10672.	0.20513E+06	55846.
TPF 65.00%	99279.	35545.	11938.	0.22940E+06	61692.

TPF	60.00%	0.10944E+06	38918.	13234.	0.25427E+06	67683.
TPF	55.00%	0.11984E+06	42371.	14560.	0.27972E+06	73814.
TPF	50.00%	0.13073E+06	46340.	15858.	0.30449E+06	80664.
TPF	45.00%	0.14187E+06	50481.	17163.	0.32940E+06	87768.
TPF	40.00%	0.15418E+06	55054.	18605.	0.35689E+06	95612.
TPF	35.00%	0.16731E+06	59740.	20192.	0.38730E+06	0.10375E+06
TPF	30.00%	0.18189E+06	64602.	22040.	0.42291E+06	0.11239E+06
TPF	25.00%	0.19932E+06	70411.	24247.	0.46546E+06	0.12271E+06
TPF	20.00%	0.21969E+06	77167.	26912.	0.51512E+06	0.13464E+06
TPF	15.00%	0.24474E+06	85372.	30395.	0.57590E+06	0.14895E+06
TPF	10.00%	0.27829E+06	96362.	35060.	0.65732E+06	0.16811E+06
TPF	5.00%	0.33689E+06	0.11831E+06	41281.	0.78827E+06	0.20815E+06
TPF	4.00%	0.35507E+06	0.12513E+06	43204.	0.82886E+06	0.22059E+06
TPF	3.00%	0.37737E+06	0.13301E+06	45877.	0.88063E+06	0.23481E+06
TPF	2.00%	0.41085E+06	0.14176E+06	51899.	0.97112E+06	0.24953E+06
TPF	1.00%	0.46668E+06	0.15633E+06	61939.	0.11220E+07	0.27408E+06
TPF	0.10%	0.65533E+06	0.23623E+06	77423.	0.15029E+07	0.41735E+06
TPF	0.00%	0.44914E+08	0.12438E+08	0.76859E+07	0.11729E+09	0.22033E+08

Rank 7 35.35% 0.12306E+06 79950.

Prob.	BOE (MBbl)	Oil (MBbl)	COil(MBbl)	Gas (MMcf)	SGas(MMcf)
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Mean	35.35%	0.12306E+06	43490.	14959.	0.28735E+06	75775.
TPF	100.00%	1386.4	512.95	157.59	3141.5	881.40
TPF	99.00%	10638.	3936.2	1209.3	24107.	6763.6
TPF	98.00%	18682.	6912.2	2123.7	42334.	11877.
TPF	97.00%	21985.	8134.2	2499.1	49817.	13977.
TPF	96.00%	25047.	9267.2	2847.2	56756.	15924.
TPF	95.00%	27718.	10255.	3150.8	62809.	17622.
TPF	90.00%	38958.	14414.	4428.5	88278.	24768.
TPF	85.00%	48019.	17767.	5458.5	0.10881E+06	30529.
TPF	80.00%	56745.	20955.	6477.6	0.12871E+06	36028.
TPF	75.00%	64767.	23743.	7509.9	0.14744E+06	40914.
TPF	70.00%	72749.	26517.	8537.2	0.16607E+06	45775.
TPF	65.00%	80786.	29310.	9571.4	0.18483E+06	50670.
TPF	60.00%	88928.	32109.	10617.	0.20407E+06	55589.
TPF	55.00%	97406.	34923.	11699.	0.22482E+06	60588.
TPF	50.00%	0.10621E+06	37846.	12822.	0.24636E+06	65778.
TPF	45.00%	0.11574E+06	41011.	14038.	0.26970E+06	71400.
TPF	40.00%	0.12583E+06	44517.	15283.	0.29353E+06	77537.
TPF	35.00%	0.13675E+06	48576.	16562.	0.31794E+06	84500.
TPF	30.00%	0.14897E+06	53118.	17994.	0.34525E+06	92291.
TPF	25.00%	0.16259E+06	58167.	19594.	0.37578E+06	0.10096E+06
TPF	20.00%	0.17920E+06	63705.	21699.	0.41634E+06	0.11080E+06
TPF	15.00%	0.20031E+06	70742.	24373.	0.46788E+06	0.12330E+06
TPF	10.00%	0.22923E+06	80290.	28238.	0.53826E+06	0.14009E+06
TPF	5.00%	0.27542E+06	95420.	34660.	0.65034E+06	0.16647E+06
TPF	4.00%	0.29090E+06	0.10106E+06	36415.	0.68559E+06	0.17667E+06
TPF	3.00%	0.31032E+06	0.10835E+06	38470.	0.72895E+06	0.18996E+06
TPF	2.00%	0.33757E+06	0.11857E+06	41353.	0.78978E+06	0.20861E+06
TPF	1.00%	0.38281E+06	0.13443E+06	46856.	0.89533E+06	0.23720E+06
TPF	0.10%	0.53586E+06	0.17804E+06	72182.	0.12936E+07	0.31169E+06
TPF	0.00%	0.44914E+08	0.12438E+08	0.76859E+07	0.11729E+09	0.22033E+08

Rank 8 26.29% 0.10375E+06 67174.

Prob.	BOE (MBbl)	Oil (MBbl)	COil(MBbl)	Gas (MMcf)	SGas(MMcf)
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Mean	26.29%	0.10375E+06	37029.	12508.	0.24034E+06 64327.
TPF 100.00%	1386.4	512.95	157.59	3141.5	881.40
TPF 99.00%	8055.2	2980.4	915.66	18253.	5121.2
TPF 98.00%	14719.	5446.0	1673.2	33354.	9357.9
TPF 97.00%	19243.	7119.7	2187.4	43604.	12234.
TPF 96.00%	21650.	8010.5	2461.1	49060.	13765.
TPF 95.00%	24056.	8900.7	2734.6	54512.	15294.
TPF 90.00%	33454.	12378.	3802.8	75807.	21269.
TPF 85.00%	41017.	15176.	4662.6	92946.	26078.
TPF 80.00%	48019.	17767.	5458.5	0.10881E+06	30529.
TPF 75.00%	55068.	20372.	6261.7	0.12479E+06	35007.
TPF 70.00%	61595.	22640.	7101.7	0.14003E+06	38982.
TPF 65.00%	68228.	24946.	7955.4	0.15552E+06	43022.
TPF 60.00%	75051.	27317.	8833.3	0.17144E+06	47177.
TPF 55.00%	82083.	29761.	9738.3	0.18786E+06	51460.
TPF 50.00%	89442.	32280.	10683.	0.20533E+06	55893.
TPF 45.00%	97301.	34889.	11685.	0.22456E+06	60526.
TPF 40.00%	0.10569E+06	37673.	12755.	0.24509E+06	65471.
TPF 35.00%	0.11512E+06	40804.	13958.	0.26817E+06	71031.
TPF 30.00%	0.12545E+06	44376.	15238.	0.29268E+06	77295.
TPF 25.00%	0.13718E+06	48738.	16613.	0.31891E+06	84777.
TPF 20.00%	0.15117E+06	53937.	18253.	0.35018E+06	93697.
TPF 15.00%	0.16846E+06	60124.	20338.	0.39011E+06	0.10444E+06
TPF 10.00%	0.19234E+06	68084.	23363.	0.44841E+06	0.11858E+06
TPF 5.00%	0.23286E+06	81481.	28743.	0.54708E+06	0.14216E+06
TPF 4.00%	0.24510E+06	85488.	30444.	0.57676E+06	0.14915E+06
TPF 3.00%	0.26146E+06	90846.	32718.	0.61645E+06	0.15849E+06
TPF 2.00%	0.28331E+06	98213.	35611.	0.66863E+06	0.17147E+06
TPF 1.00%	0.32198E+06	0.11272E+06	39703.	0.75496E+06	0.19794E+06
TPF 0.10%	0.45068E+06	0.15215E+06	59061.	0.10788E+07	0.26705E+06
TPF 0.00%	0.44914E+08	0.12438E+08	0.76859E+07	0.11729E+09	0.22033E+08

Rank 9 18.09% 89744. 57623.

Prob.	BOE (MBbl)	Oil (MBbl)	COil(MBbl)	Gas (MMcf)	SGas(MMcf)
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Mean	18.09%	89744.	32380.	10721.	0.20606E+06 56070.
TPF 100.00%	1386.4	512.95	157.59	3141.5	881.40
TPF 99.00%	6485.2	2399.5	737.20	14696.	4123.1
TPF 98.00%	11597.	4290.9	1318.3	26280.	7373.2
TPF 97.00%	16723.	6187.5	1901.0	37895.	10632.
TPF 96.00%	19418.	7184.5	2207.3	44001.	12345.
TPF 95.00%	21282.	7874.3	2419.2	48226.	13531.
TPF 90.00%	29441.	10893.	3346.7	66714.	18718.
TPF 85.00%	36280.	13423.	4124.1	82210.	23066.
TPF 80.00%	42105.	15579.	4786.3	95411.	26769.
TPF 75.00%	47876.	17714.	5442.3	0.10849E+06	30438.
TPF 70.00%	53797.	19904.	6115.3	0.12190E+06	34202.
TPF 65.00%	59464.	21900.	6827.5	0.13506E+06	37684.

TPF	60.00%	65221.	23901.	7568.4	0.14850E+06	41191.
TPF	55.00%	71207.	25981.	8338.7	0.16247E+06	44836.
TPF	50.00%	77533.	28180.	9152.8	0.17724E+06	48688.
TPF	45.00%	84186.	30492.	10009.	0.19277E+06	52740.
TPF	40.00%	91424.	32937.	10935.	0.21017E+06	57061.
TPF	35.00%	99301.	35553.	11940.	0.22946E+06	61705.
TPF	30.00%	0.10819E+06	38505.	13075.	0.25122E+06	66949.
TPF	25.00%	0.11842E+06	41900.	14380.	0.27625E+06	72979.
TPF	20.00%	0.13053E+06	46264.	15834.	0.30404E+06	80534.
TPF	15.00%	0.14541E+06	51795.	17577.	0.33730E+06	90022.
TPF	10.00%	0.16574E+06	59217.	19994.	0.38347E+06	0.10283E+06
TPF	5.00%	0.20010E+06	70673.	24347.	0.46737E+06	0.12318E+06
TPF	4.00%	0.21081E+06	74245.	25704.	0.49354E+06	0.12952E+06
TPF	3.00%	0.22521E+06	78972.	27678.	0.52849E+06	0.13779E+06
TPF	2.00%	0.24428E+06	85219.	30330.	0.57477E+06	0.14868E+06
TPF	1.00%	0.27663E+06	95817.	34829.	0.65328E+06	0.16716E+06
TPF	0.10%	0.38777E+06	0.13573E+06	47749.	0.90875E+06	0.23939E+06
TPF	0.00%	0.44914E+08	0.12438E+08	0.76859E+07	0.11729E+09	0.22033E+08

Rank 10 11.52% 79282. 50336.

Prob.	BOE (MBbl)	Oil (MBbl)	COil(MBbl)	Gas (MMcf)	SGas(MMcf)
Mean	11.52%	79282.	28788.	9377.9	0.18132E+06 49754.
TPF	100.00%	1386.4	512.95	157.59	3141.5 881.40
TPF	99.00%	5460.3	2020.3	620.69	12373. 3471.5
TPF	98.00%	9552.9	3534.5	1085.9	21647. 6073.4
TPF	97.00%	13665.	5055.9	1553.3	30964. 8687.6
TPF	96.00%	17796.	6584.4	2023.0	40326. 11314.
TPF	95.00%	19448.	7195.8	2210.8	44070. 12365.
TPF	90.00%	26523.	9813.5	3015.0	60102. 16863.
TPF	85.00%	32570.	12051.	3702.4	73804. 20707.
TPF	80.00%	38023.	14068.	4322.2	86160. 24174.
TPF	75.00%	42834.	15848.	4869.1	97061. 27232.
TPF	70.00%	47816.	17692.	5435.4	0.10835E+06 30400.
TPF	65.00%	52994.	19607.	6024.0	0.12008E+06 33692.
TPF	60.00%	58097.	21425.	6651.6	0.13187E+06 36852.
TPF	55.00%	63272.	23223.	7317.5	0.14395E+06 40003.
TPF	50.00%	68728.	25120.	8019.7	0.15668E+06 43326.
TPF	45.00%	74566.	27149.	8771.0	0.17031E+06 46882.
TPF	40.00%	80843.	29330.	9578.8	0.18497E+06 50705.
TPF	35.00%	87665.	31689.	10456.	0.20097E+06 54844.
TPF	30.00%	95425.	34266.	11446.	0.21997E+06 59420.
TPF	25.00%	0.10413E+06	37154.	12556.	0.24126E+06 64550.
TPF	20.00%	0.11487E+06	40722.	13927.	0.26757E+06 70887.
TPF	15.00%	0.12806E+06	45348.	15545.	0.29852E+06 78962.
TPF	10.00%	0.14587E+06	51967.	17632.	0.33833E+06 90317.
TPF	5.00%	0.17539E+06	62435.	21216.	0.40704E+06 0.10854E+06
TPF	4.00%	0.18441E+06	65440.	22358.	0.42905E+06 0.11388E+06
TPF	3.00%	0.19702E+06	69646.	23957.	0.45985E+06 0.12135E+06
TPF	2.00%	0.21389E+06	75264.	26104.	0.50102E+06 0.13132E+06
TPF	1.00%	0.24292E+06	84773.	30141.	0.57147E+06 0.14791E+06
TPF	0.10%	0.33925E+06	0.11920E+06	41530.	0.79353E+06 0.20976E+06
TPF	0.00%	0.44914E+08	0.12438E+08	0.76859E+07	0.11729E+09 0.22033E+08

Rank 11 6.80% 71254. 44671.

Prob.	BOE (MBbl)	Oil (MBbl)	COil(MBbl)	Gas (MMcf)	SGas(MMcf)
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Mean	6.80%	71254.	25998.	8344.8	0.16258E+06 44865.
TPF 100.00%	1386.4	512.95	157.59	3141.5	881.40
TPF 99.00%	4752.2	1758.3	540.20	10768.	3021.3
TPF 98.00%	8137.8	3010.9	925.06	18440.	5173.7
TPF 97.00%	11544.	4271.1	1312.2	26158.	7339.1
TPF 96.00%	14970.	5538.8	1701.7	33922.	9517.4
TPF 95.00%	18172.	6723.4	2065.6	41177.	11553.
TPF 90.00%	24440.	9042.6	2778.2	55381.	15538.
TPF 85.00%	29741.	11004.	3380.7	67393.	18908.
TPF 80.00%	34681.	12832.	3942.4	78588.	22049.
TPF 75.00%	39187.	14499.	4454.5	88798.	24914.
TPF 70.00%	43449.	16076.	4939.0	98455.	27623.
TPF 65.00%	47907.	17725.	5445.8	0.10856E+06	30458.
TPF 60.00%	52591.	19459.	5978.3	0.11917E+06	33436.
TPF 55.00%	57311.	21151.	6550.4	0.13003E+06	36373.
TPF 50.00%	62106.	22818.	7167.5	0.14122E+06	39293.
TPF 45.00%	67234.	24600.	7827.4	0.15319E+06	42416.
TPF 40.00%	72787.	26530.	8542.0	0.16616E+06	45798.
TPF 35.00%	78888.	28651.	9327.2	0.18040E+06	49514.
TPF 30.00%	85633.	30995.	10195.	0.19615E+06	53622.
TPF 25.00%	93497.	33626.	11200.	0.21525E+06	58283.
TPF 20.00%	0.10266E+06	36667.	12368.	0.23767E+06	63684.
TPF 15.00%	0.11452E+06	40604.	13881.	0.26669E+06	70676.
TPF 10.00%	0.13047E+06	46243.	15827.	0.30391E+06	80497.
TPF 5.00%	0.15653E+06	55930.	18881.	0.36216E+06	97115.
TPF 4.00%	0.16466E+06	58857.	19856.	0.38083E+06	0.10219E+06
TPF 3.00%	0.17536E+06	62426.	21213.	0.40697E+06	0.10853E+06
TPF 2.00%	0.19011E+06	67341.	23081.	0.44297E+06	0.11726E+06
TPF 1.00%	0.21588E+06	75918.	26382.	0.50587E+06	0.13246E+06
TPF 0.10%	0.30058E+06	0.10469E+06	37439.	0.70719E+06	0.18329E+06
TPF 0.00%	0.44914E+08	0.12438E+08	0.76859E+07	0.11729E+09	0.22033E+08

Rank 12 3.74% 64943. 40188.

Prob.	BOE (MBbl)	Oil (MBbl)	COil(MBbl)	Gas (MMcf)	SGas(MMcf)
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Mean	3.74%	64943.	23804.	7532.6	0.14785E+06 41021.
TPF 100.00%	1386.4	512.95	157.59	3141.5	881.40
TPF 99.00%	4240.4	1568.9	482.03	9608.9	2695.9
TPF 98.00%	7113.8	2632.1	808.66	16120.	4522.7
TPF 97.00%	10007.	3702.5	1137.5	22676.	6362.0
TPF 96.00%	12920.	4780.3	1468.7	29276.	8214.0
TPF 95.00%	15853.	5865.6	1802.1	35924.	10079.
TPF 90.00%	22665.	8385.9	2576.4	51359.	14410.
TPF 85.00%	27525.	10184.	3128.9	62371.	17499.
TPF 80.00%	32015.	11845.	3639.3	72546.	20354.
TPF 75.00%	36285.	13425.	4124.6	82222.	23069.
TPF 70.00%	40170.	14863.	4566.3	91026.	25539.
TPF 65.00%	44062.	16303.	5008.8	99846.	28013.

TPF	60.00%	48171.	17823.	5475.8	0.10916E+06	30626.
TPF	55.00%	52531.	19436.	5971.4	0.11904E+06	33398.
TPF	50.00%	56990.	21040.	6509.1	0.12928E+06	36177.
TPF	45.00%	61559.	22628.	7097.1	0.13995E+06	38960.
TPF	40.00%	66514.	24350.	7734.8	0.15152E+06	41978.
TPF	35.00%	71963.	26244.	8436.0	0.16423E+06	45296.
TPF	30.00%	78083.	28371.	9223.6	0.17852E+06	49024.
TPF	25.00%	85025.	30784.	10117.	0.19473E+06	53251.
TPF	20.00%	93379.	33587.	11185.	0.21496E+06	58214.
TPF	15.00%	0.10363E+06	36990.	12493.	0.24005E+06	64258.
TPF	10.00%	0.11812E+06	41800.	14341.	0.27551E+06	72800.
TPF	5.00%	0.14146E+06	50328.	17115.	0.32848E+06	87506.
TPF	4.00%	0.14905E+06	53148.	18004.	0.34543E+06	92342.
TPF	3.00%	0.15838E+06	56616.	19097.	0.36629E+06	98292.
TPF	2.00%	0.17168E+06	61196.	20745.	0.39796E+06	0.10634E+06
TPF	1.00%	0.19430E+06	68738.	23611.	0.45320E+06	0.11974E+06
TPF	0.10%	0.26956E+06	93501.	33845.	0.63612E+06	0.16312E+06
TPF	0.00%	0.44914E+08	0.12438E+08	0.76859E+07	0.11729E+09	0.22033E+08

Rank 13 1.91% 59875. 36584.

Prob.	BOE (MBbl)	Oil (MBbl)	COil(MBbl)	Gas (MMcf)	SGas(MMcf)
-----	-----	-----	-----	-----	-----
Mean	1.91%	59875.	22043.	6880.4	0.13602E+06 37935.
TPF	100.00%	1386.4	512.95	157.59	3141.5 881.40
TPF	99.00%	3857.0	1427.1	438.44	8739.9 2452.1
TPF	98.00%	6345.8	2347.9	721.35	14380. 4034.4
TPF	97.00%	8853.1	3275.6	1006.4	20061. 5628.5
TPF	96.00%	11379.	4210.3	1293.5	25786. 7234.7
TPF	95.00%	13925.	5152.1	1582.9	31554. 8853.0
TPF	90.00%	21259.	7865.9	2416.7	48174. 13516.
TPF	85.00%	25785.	9540.3	2931.1	58429. 16393.
TPF	80.00%	29890.	11059.	3397.8	67732. 19003.
TPF	75.00%	33845.	12522.	3847.3	76693. 21517.
TPF	70.00%	37646.	13929.	4279.4	85306. 23934.
TPF	65.00%	41087.	15202.	4670.5	93103. 26122.
TPF	60.00%	44732.	16551.	5084.9	0.10136E+06 28439.
TPF	55.00%	48616.	17988.	5526.3	0.11016E+06 30908.
TPF	50.00%	52777.	19527.	5999.4	0.11959E+06 33554.
TPF	45.00%	57067.	21067.	6519.0	0.12946E+06 36224.
TPF	40.00%	61537.	22620.	7094.2	0.13990E+06 38947.
TPF	35.00%	66462.	24332.	7728.1	0.15139E+06 41946.
TPF	30.00%	71983.	26251.	8438.6	0.16428E+06 45309.
TPF	25.00%	78342.	28461.	9256.9	0.17913E+06 49181.
TPF	20.00%	85801.	31054.	10217.	0.19654E+06 53724.
TPF	15.00%	95272.	34215.	11426.	0.21959E+06 59330.
TPF	10.00%	0.10815E+06	38492.	13070.	0.25113E+06 66926.
TPF	5.00%	0.12961E+06	45925.	15726.	0.30199E+06 79951.
TPF	4.00%	0.13624E+06	48390.	16504.	0.31682E+06 84180.
TPF	3.00%	0.14475E+06	51552.	17501.	0.33583E+06 89604.
TPF	2.00%	0.15670E+06	55993.	18901.	0.36254E+06 97223.
TPF	1.00%	0.17691E+06	62943.	21409.	0.41076E+06 0.10944E+06
TPF	0.10%	0.24482E+06	85396.	30405.	0.57608E+06 0.14899E+06
TPF	0.00%	0.44914E+08	0.12438E+08	0.76859E+07	0.11729E+09 0.22033E+08

Rank 14 0.92% 55728. 33641.

Prob.	BOE (MBbl)	Oil (MBbl)	COil(MBbl)	Gas (MMcf)	SGas(MMcf)
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Mean	0.92%	55728.	20601.	6346.8	0.12634E+06 35409.
TPF 100.00%	1386.4	512.95	157.59	3141.5	881.40
TPF 99.00%	3561.0	1317.5	404.79	8069.3	2264.0
TPF 98.00%	5752.6	2128.4	653.92	13035.	3657.3
TPF 97.00%	7961.5	2945.7	905.02	18041.	5061.7
TPF 96.00%	10188.	3769.6	1158.1	23086.	6477.3
TPF 95.00%	12433.	4600.0	1413.3	28173.	7904.3
TPF 90.00%	20168.	7462.2	2292.6	45702.	12822.
TPF 85.00%	24430.	9038.8	2777.0	55358.	15532.
TPF 80.00%	28153.	10417.	3200.3	63796.	17899.
TPF 75.00%	31780.	11759.	3612.6	72014.	20205.
TPF 70.00%	35337.	13074.	4016.9	80074.	22466.
TPF 65.00%	38734.	14332.	4403.1	87773.	24626.
TPF 60.00%	42003.	15541.	4774.7	95180.	26704.
TPF 55.00%	45495.	16833.	5171.6	0.10309E+06	28924.
TPF 50.00%	49249.	18222.	5598.3	0.11160E+06	31311.
TPF 45.00%	53314.	19726.	6060.4	0.12081E+06	33895.
TPF 40.00%	57514.	21222.	6576.5	0.13050E+06	36496.
TPF 35.00%	62003.	22782.	7154.2	0.14098E+06	39230.
TPF 30.00%	67044.	24534.	7802.9	0.15275E+06	42300.
TPF 25.00%	72843.	26550.	8549.3	0.16629E+06	45832.
TPF 20.00%	79736.	28946.	9436.3	0.18238E+06	50030.
TPF 15.00%	88281.	31894.	10534.	0.20248E+06	55208.
TPF 10.00%	0.10003E+06	35794.	12033.	0.23123E+06	62134.
TPF 5.00%	0.11959E+06	42288.	14529.	0.27912E+06	73668.
TPF 4.00%	0.12577E+06	44497.	15276.	0.29341E+06	77502.
TPF 3.00%	0.13362E+06	47412.	16196.	0.31094E+06	82503.
TPF 2.00%	0.14440E+06	51422.	17460.	0.33505E+06	89381.
TPF 1.00%	0.16262E+06	58176.	19598.	0.37585E+06	0.10098E+06
TPF 0.10%	0.22459E+06	78772.	27593.	0.52701E+06	0.13744E+06
TPF 0.00%	0.44914E+08	0.12438E+08	0.76859E+07	0.11729E+09	0.22033E+08

Rank 15 0.41% 52278. 31202.

Prob.	BOE (MBbl)	Oil (MBbl)	COil(MBbl)	Gas (MMcf)	SGas(MMcf)
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Mean	0.41%	52278.	19343.	5942.7	0.11846E+06 33237.
TPF 100.00%	1386.4	512.95	157.59	3141.5	881.40
TPF 99.00%	3326.9	1230.9	378.18	7538.7	2115.1
TPF 98.00%	5283.2	1954.8	600.56	11972.	3358.9
TPF 97.00%	7255.6	2684.5	824.78	16441.	4612.9
TPF 96.00%	9244.5	3420.4	1050.9	20948.	5877.4
TPF 95.00%	11250.	4162.5	1278.9	25493.	7152.5
TPF 90.00%	19301.	7141.4	2194.1	43737.	12271.
TPF 85.00%	23194.	8581.8	2636.6	52559.	14746.
TPF 80.00%	26693.	9876.2	3034.3	60486.	16970.
TPF 75.00%	30097.	11136.	3421.2	68200.	19135.
TPF 70.00%	33467.	12383.	3804.4	75838.	21278.
TPF 65.00%	36721.	13587.	4174.2	83210.	23346.

TPF	60.00%	39798.	14725.	4524.1	90184.	25303.
TPF	55.00%	42966.	15897.	4884.1	97361.	27316.
TPF	50.00%	46379.	17160.	5272.1	0.10509E+06	29486.
TPF	45.00%	50085.	18531.	5693.3	0.11349E+06	31842.
TPF	40.00%	54147.	20034.	6155.2	0.12270E+06	34425.
TPF	35.00%	58332.	21506.	6681.8	0.13241E+06	36995.
TPF	30.00%	62969.	23118.	7278.5	0.14324E+06	39819.
TPF	25.00%	68301.	24971.	7964.7	0.15569E+06	43066.
TPF	20.00%	74661.	27181.	8783.1	0.17053E+06	46939.
TPF	15.00%	82570.	29930.	9801.0	0.18900E+06	51756.
TPF	10.00%	93398.	33593.	11187.	0.21501E+06	58225.
TPF	5.00%	0.11133E+06	39547.	13475.	0.25890E+06	68799.
TPF	4.00%	0.11699E+06	41426.	14197.	0.27276E+06	72136.
TPF	3.00%	0.12417E+06	43904.	15089.	0.28984E+06	76484.
TPF	2.00%	0.13425E+06	47647.	16270.	0.31235E+06	82906.
TPF	1.00%	0.15113E+06	53923.	18248.	0.35010E+06	93673.
TPF	0.10%	0.20696E+06	72960.	25216.	0.48413E+06	0.12724E+06
TPF	0.00%	0.44914E+08	0.12438E+08	0.76859E+07	0.11729E+09	0.22033E+08

Rank 16 0.18% 49362. 29149.

Prob.	BOE (MBbl)	Oil (MBbl)	COil(MBbl)	Gas (MMcf)	SGas(MMcf)
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Mean	0.18%	49362.	18264.	5611.2	0.11185E+06 31383.
TPF	100.00%	1386.4	512.95	157.59	3141.5 881.40
TPF	99.00%	3137.8	1161.0	356.69	7110.3 1994.9
TPF	98.00%	4903.9	1814.4	557.45	11112. 3117.8
TPF	97.00%	6685.1	2473.4	759.92	15149. 4250.2
TPF	96.00%	8481.6	3138.1	964.14	19219. 5392.3
TPF	95.00%	10294.	3808.6	1170.1	23326. 6544.4
TPF	90.00%	18599.	6881.5	2114.2	42145. 11825.
TPF	85.00%	22124.	8185.7	2514.9	50133. 14066.
TPF	80.00%	25505.	9436.6	2899.2	57794. 16215.
TPF	75.00%	28698.	10618.	3262.2	65030. 18245.
TPF	70.00%	31790.	11762.	3613.7	72037. 20211.
TPF	65.00%	34904.	12914.	3967.6	79092. 22191.
TPF	60.00%	37988.	14055.	4318.2	86081. 24151.
TPF	55.00%	40883.	15127.	4647.4	92642. 25992.
TPF	50.00%	44009.	16283.	5002.7	99725. 27980.
TPF	45.00%	47410.	17542.	5389.3	0.10743E+06 30142.
TPF	40.00%	51147.	18924.	5814.1	0.11590E+06 32518.
TPF	35.00%	55271.	20442.	6287.9	0.12527E+06 35131.
TPF	30.00%	59558.	21932.	6839.5	0.13527E+06 37741.
TPF	25.00%	64501.	23651.	7475.8	0.14682E+06 40752.
TPF	20.00%	70375.	25692.	8231.6	0.16053E+06 44329.
TPF	15.00%	77757.	28258.	9181.6	0.17776E+06 48825.
TPF	10.00%	87707.	31704.	10461.	0.20108E+06 54869.
TPF	5.00%	0.10415E+06	37162.	12559.	0.24132E+06 64563.
TPF	4.00%	0.10953E+06	38948.	13245.	0.25449E+06 67735.
TPF	3.00%	0.11624E+06	41176.	14101.	0.27092E+06 71693.
TPF	2.00%	0.12552E+06	44404.	15247.	0.29285E+06 77342.
TPF	1.00%	0.14093E+06	50129.	17052.	0.32728E+06 87164.
TPF	0.10%	0.19197E+06	67964.	23317.	0.44753E+06 0.11836E+06
TPF	0.00%	0.44914E+08	0.12438E+08	0.76859E+07	0.11729E+09 0.22033E+08

Rank 17 0.07% 46856. 27386.

Prob.	BOE (MBbl)	Oil (MBbl)	COil(MBbl)	Gas (MMcf)	SGas(MMcf)
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Mean	0.07%	46856.	17336.	5326.3	0.10618E+06 29789.
TPF 100.00%	1386.4	512.95	157.59	3141.5	881.40
TPF 99.00%	2982.1	1103.4	338.99	6757.6	1896.0
TPF 98.00%	4591.7	1698.9	521.96	10405.	2919.3
TPF 97.00%	6215.3	2299.6	706.52	14084.	3951.5
TPF 96.00%	7853.1	2905.6	892.69	17795.	4992.7
TPF 95.00%	9505.5	3517.0	1080.5	21540.	6043.3
TPF 90.00%	17996.	6658.5	2045.7	40780.	11441.
TPF 85.00%	21239.	7858.3	2414.3	48128.	13503.
TPF 80.00%	24521.	9072.6	2787.4	55564.	15590.
TPF 75.00%	27444.	10154.	3119.7	62189.	17448.
TPF 70.00%	30396.	11246.	3455.3	68878.	19325.
TPF 65.00%	33384.	12352.	3794.9	75648.	21224.
TPF 60.00%	36296.	13429.	4125.9	82247.	23076.
TPF 55.00%	39142.	14482.	4449.4	88696.	24885.
TPF 50.00%	42023.	15548.	4776.9	95224.	26717.
TPF 45.00%	45163.	16710.	5133.9	0.10234E+06	28713.
TPF 40.00%	48619.	17989.	5526.7	0.11017E+06	30910.
TPF 35.00%	52469.	19413.	5964.4	0.11890E+06	33358.
TPF 30.00%	56663.	20926.	6467.0	0.12852E+06	35978.
TPF 25.00%	61264.	22525.	7059.2	0.13926E+06	38781.
TPF 20.00%	66745.	24430.	7764.5	0.15205E+06	42118.
TPF 15.00%	73611.	26817.	8648.0	0.16808E+06	46300.
TPF 10.00%	82932.	30056.	9847.6	0.18984E+06	51977.
TPF 5.00%	98268.	35210.	11809.	0.22693E+06	61096.
TPF 4.00%	0.10299E+06	36776.	12411.	0.23848E+06	63879.
TPF 3.00%	0.10931E+06	38877.	13218.	0.25397E+06	67610.
TPF 2.00%	0.11796E+06	41746.	14320.	0.27512E+06	72705.
TPF 1.00%	0.13247E+06	46986.	16061.	0.30837E+06	81771.
TPF 0.10%	0.17909E+06	63667.	21684.	0.41606E+06	0.11073E+06
TPF 0.00%	0.44914E+08	0.12438E+08	0.76859E+07	0.11729E+09	0.22033E+08

Rank 18 0.03% 44654. 25828.

Prob.	BOE (MBbl)	Oil (MBbl)	COil(MBbl)	Gas (MMcf)	SGas(MMcf)
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Mean	0.03%	44654.	16522.	5076.0	0.10119E+06 28390.
TPF 100.00%	1386.4	512.95	157.59	3141.5	881.40
TPF 99.00%	2851.5	1055.1	324.15	6461.6	1812.9
TPF 98.00%	4329.6	1601.9	492.16	9810.8	2752.6
TPF 97.00%	5820.7	2153.6	661.66	13190.	3700.6
TPF 96.00%	7325.1	2710.3	832.68	16599.	4657.1
TPF 95.00%	8843.2	3271.9	1005.2	20039.	5622.2
TPF 90.00%	16648.	6159.5	1892.4	37724.	10584.
TPF 85.00%	20493.	7582.4	2329.6	46438.	13029.
TPF 80.00%	23610.	8735.7	2683.9	53501.	15011.
TPF 75.00%	26385.	9762.1	2999.2	59788.	16774.
TPF 70.00%	29216.	10810.	3321.1	66203.	18574.
TPF 65.00%	31974.	11830.	3634.6	72453.	20328.

TPF	60.00%	34792.	12873.	3955.0	78840.	22120.
TPF	55.00%	37658.	13933.	4280.8	85335.	23942.
TPF	50.00%	40327.	14921.	4584.2	91382.	25639.
TPF	45.00%	43239.	15998.	4915.2	97981.	27490.
TPF	40.00%	46449.	17186.	5280.0	0.10525E+06	29531.
TPF	35.00%	50029.	18511.	5687.0	0.11337E+06	31807.
TPF	30.00%	54088.	20012.	6148.4	0.12256E+06	34388.
TPF	25.00%	58455.	21549.	6697.6	0.13270E+06	37070.
TPF	20.00%	63578.	23330.	7356.9	0.14466E+06	40190.
TPF	15.00%	69979.	25554.	8180.7	0.15960E+06	44088.
TPF	10.00%	78727.	28595.	9306.4	0.18002E+06	49415.
TPF	5.00%	93007.	33463.	11137.	0.21405E+06	57994.
TPF	4.00%	97471.	34945.	11707.	0.22498E+06	60627.
TPF	3.00%	0.10306E+06	36802.	12420.	0.23867E+06	63924.
TPF	2.00%	0.11122E+06	39510.	13461.	0.25863E+06	68734.
TPF	1.00%	0.12462E+06	44068.	15141.	0.29083E+06	76765.
TPF	0.10%	0.16763E+06	59846.	20233.	0.38808E+06	0.10394E+06
TPF	0.00%	0.44914E+08	0.12438E+08	0.76859E+07	0.11729E+09	0.22033E+08

Rank 19 0.01% 42647. 24383.

	Prob.	BOE (MBbl)	Oil (MBbl)	COil(MBbl)	Gas (MMcf)	SGas(MMcf)
	-----	-----	-----	-----	-----	-----
Mean	0.01%	42647.	15779.	4847.8	96638.	27113.
TPF	100.00%	1386.4	512.95	157.59	3141.5	881.40
TPF	99.00%	2738.9	1013.4	311.34	6206.4	1741.3
TPF	98.00%	4103.4	1518.2	466.45	9298.4	2608.8
TPF	97.00%	5480.2	2027.7	622.96	12418.	3484.2
TPF	96.00%	6869.5	2541.7	780.88	15566.	4367.4
TPF	95.00%	8271.4	3060.4	940.25	18743.	5258.7
TPF	90.00%	15481.	5728.0	1759.8	35081.	9842.6
TPF	85.00%	19848.	7343.5	2256.2	44975.	12618.
TPF	80.00%	22730.	8410.1	2583.9	51507.	14451.
TPF	75.00%	25463.	9421.3	2894.5	57700.	16189.
TPF	70.00%	28107.	10399.	3195.0	63691.	17869.
TPF	65.00%	30743.	11375.	3494.7	69665.	19546.
TPF	60.00%	33477.	12386.	3805.4	75858.	21283.
TPF	55.00%	36156.	13377.	4110.0	81930.	22987.
TPF	50.00%	38836.	14369.	4414.6	88002.	24690.
TPF	45.00%	41542.	15370.	4722.2	94135.	26411.
TPF	40.00%	44527.	16475.	5061.5	0.10090E+06	28309.
TPF	35.00%	47859.	17708.	5440.4	0.10845E+06	30427.
TPF	30.00%	51640.	19107.	5870.2	0.11702E+06	32831.
TPF	25.00%	55929.	20671.	6372.6	0.12680E+06	35531.
TPF	20.00%	60711.	22333.	6988.0	0.13797E+06	38444.
TPF	15.00%	66694.	24413.	7757.9	0.15193E+06	42087.
TPF	10.00%	74841.	27244.	8806.4	0.17095E+06	47049.
TPF	5.00%	88057.	31820.	10506.	0.20193E+06	55076.
TPF	4.00%	92256.	33214.	11042.	0.21221E+06	57552.
TPF	3.00%	97524.	34963.	11714.	0.22511E+06	60658.
TPF	2.00%	0.10476E+06	37367.	12637.	0.24283E+06	64927.
TPF	1.00%	0.11729E+06	41524.	14235.	0.27348E+06	72311.
TPF	0.10%	0.15682E+06	56037.	18915.	0.36281E+06	97299.
TPF	0.00%	0.44914E+08	0.12438E+08	0.76859E+07	0.11729E+09	0.22033E+08

Rank 20 0.00% 40680. 22935.

Prob.	BOE (MBbl)	Oil (MBbl)	Coil(MBbl)	Gas (MMcf)	SGas(MMcf)	
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Mean	0.00%	40680.	15051.	4624.2	92180.	25863.
TPF 100.00%	1386.4	512.95	157.59	3141.5	881.40	
TPF 99.00%	2636.5	975.47	299.70	5974.2	1676.2	
TPF 98.00%	3897.7	1442.1	443.07	8832.3	2478.0	
TPF 97.00%	5170.4	1913.0	587.74	11716.	3287.2	
TPF 96.00%	6454.6	2388.2	733.72	14626.	4103.6	
TPF 95.00%	7750.6	2867.7	881.05	17563.	4927.6	
TPF 90.00%	14417.	5334.1	1638.8	32668.	9165.6	
TPF 85.00%	19256.	7124.7	2188.9	43635.	12243.	
TPF 80.00%	21923.	8111.3	2492.0	49677.	13938.	
TPF 75.00%	24615.	9107.5	2798.1	55779.	15650.	
TPF 70.00%	27061.	10012.	3076.1	61321.	17205.	
TPF 65.00%	29603.	10953.	3365.1	67080.	18820.	
TPF 60.00%	32134.	11889.	3652.8	72815.	20429.	
TPF 55.00%	34732.	12851.	3948.1	78703.	22081.	
TPF 50.00%	37418.	13844.	4253.5	84789.	23789.	
TPF 45.00%	39940.	14778.	4540.1	90504.	25392.	
TPF 40.00%	42702.	15800.	4854.1	96764.	27149.	
TPF 35.00%	45787.	16941.	5204.8	0.10375E+06	29110.	
TPF 30.00%	49286.	18236.	5602.6	0.11168E+06	31335.	
TPF 25.00%	53343.	19736.	6063.7	0.12088E+06	33914.	
TPF 20.00%	57908.	21359.	6627.2	0.13142E+06	36736.	
TPF 15.00%	63447.	23284.	7340.1	0.14435E+06	40110.	
TPF 10.00%	70954.	25893.	8306.1	0.16188E+06	44682.	
TPF 5.00%	83186.	30144.	9880.2	0.19043E+06	52131.	
TPF 4.00%	86938.	31448.	10363.	0.19920E+06	54416.	
TPF 3.00%	91851.	33079.	10990.	0.21122E+06	57312.	
TPF 2.00%	98543.	35301.	11844.	0.22760E+06	61258.	
TPF 1.00%	0.10988E+06	39063.	13289.	0.25534E+06	67941.	
TPF 0.10%	0.14608E+06	52045.	17656.	0.33880E+06	90451.	
TPF 0.00%	0.44914E+08	0.12438E+08	0.76859E+07	0.11729E+09	0.22033E+08	

Rank 21 0.00% 38483. 21336.

Prob.	BOE (MBbl)	Oil (MBbl)	COil(MBbl)	Gas (MMcf)	SGas(MMcf)	
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Mean	0.00%	38483.	14239.	4374.5	87203.	24466.
TPF 100.00%	1386.4	512.95	157.59	3141.5	881.40	
TPF 99.00%	2530.9	936.43	287.70	5735.1	1609.1	
TPF 98.00%	3685.6	1363.6	418.95	8351.5	2343.2	
TPF 97.00%	4850.5	1794.7	551.38	10991.	3083.8	
TPF 96.00%	6025.9	2229.6	684.99	13655.	3831.1	
TPF 95.00%	7212.0	2668.4	819.82	16343.	4585.2	
TPF 90.00%	13310.	4924.8	1513.1	30162.	8462.4	
TPF 85.00%	18639.	6896.4	2118.8	42237.	11850.	
TPF 80.00%	21075.	7797.8	2395.7	47757.	13399.	
TPF 75.00%	23647.	8749.4	2688.1	53585.	15034.	
TPF 70.00%	25952.	9602.1	2950.1	58808.	16499.	
TPF 65.00%	28326.	10480.	3219.9	64187.	18009.	

TPF	60.00%	30691.	11356.	3488.8	69547.	19512.
TPF	55.00%	33169.	12272.	3770.5	75162.	21088.
TPF	50.00%	35637.	13186.	4051.1	80755.	22657.
TPF	45.00%	38190.	14130.	4341.3	86540.	24280.
TPF	40.00%	40698.	15058.	4626.3	92222.	25875.
TPF	35.00%	43496.	16093.	4944.4	98563.	27654.
TPF	30.00%	46670.	17268.	5305.2	0.10575E+06	29671.
TPF	25.00%	50348.	18628.	5723.3	0.11409E+06	32010.
TPF	20.00%	54744.	20255.	6222.9	0.12405E+06	34804.
TPF	15.00%	59788.	22013.	6869.2	0.13581E+06	37882.
TPF	10.00%	66615.	24385.	7747.7	0.15175E+06	42039.
TPF	5.00%	77740.	28252.	9179.4	0.17772E+06	48814.
TPF	4.00%	81183.	29449.	9622.5	0.18576E+06	50912.
TPF	3.00%	85522.	30956.	10181.	0.19589E+06	53554.
TPF	2.00%	91646.	33011.	10964.	0.21072E+06	57192.
TPF	1.00%	0.10174E+06	36363.	12252.	0.23543E+06	63145.
TPF	0.10%	0.13479E+06	47847.	16333.	0.31355E+06	83249.
TPF	0.00%	0.44914E+08	0.12438E+08	0.76859E+07	0.11729E+09	0.22033E+08

Rank 22 0.00% 35537. 19429.

Prob.	BOE (MBbl)	Oil (MBbl)	COil(MBbl)	Gas (MMcf)	SGas(MMcf)	
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Mean	0.00%	35537.	13148.	4039.6	80526.	22593.
TPF 100.00%		1386.4	512.95	157.59	3141.5	881.40
TPF 99.00%		2389.1	883.94	271.58	5413.6	1518.9
TPF 98.00%		3400.1	1258.0	386.50	7704.7	2161.7
TPF 97.00%		4419.6	1635.2	502.40	10015.	2809.9
TPF 96.00%		5447.8	2015.7	619.28	12345.	3463.6
TPF 95.00%		6484.9	2399.4	737.17	14695.	4122.9
TPF 90.00%		11810.	4369.6	1342.5	26761.	7508.3
TPF 85.00%		17386.	6432.8	1976.4	39398.	11054.
TPF 80.00%		19917.	7369.3	2264.1	45133.	12663.
TPF 75.00%		22151.	8195.7	2518.0	50194.	14083.
TPF 70.00%		24431.	9039.2	2777.1	55360.	15532.
TPF 65.00%		26487.	9800.1	3010.9	60020.	16840.
TPF 60.00%		28684.	10613.	3260.7	64999.	18237.
TPF 55.00%		30856.	11417.	3507.6	69921.	19617.
TPF 50.00%		33177.	12275.	3771.4	75180.	21093.
TPF 45.00%		35509.	13138.	4036.5	80464.	22576.
TPF 40.00%		37978.	14051.	4317.1	86058.	24145.
TPF 35.00%		40405.	14950.	4593.0	91558.	25688.
TPF 30.00%		43162.	15970.	4906.4	97806.	27441.
TPF 25.00%		46366.	17155.	5270.7	0.10507E+06	29478.
TPF 20.00%		50209.	18577.	5707.5	0.11377E+06	31921.
TPF 15.00%		55035.	20361.	6257.6	0.12472E+06	34987.
TPF 10.00%		61072.	22459.	7034.4	0.13881E+06	38664.
TPF 5.00%		70942.	25889.	8304.6	0.16185E+06	44674.
TPF 4.00%		74047.	26968.	8704.2	0.16910E+06	46565.
TPF 3.00%		77977.	28334.	9209.9	0.17827E+06	48959.
TPF 2.00%		83382.	30213.	9905.5	0.19089E+06	52251.
TPF 1.00%		92516.	33300.	11075.	0.21285E+06	57705.
TPF 0.10%		0.12204E+06	43109.	14839.	0.28506E+06	75121.
TPF 0.00%		0.44914E+08	0.12438E+08	0.76859E+07	0.11729E+09	0.22033E+08

Rank 23 0.00% 30809. 17180.

Prob.	BOE (MBbl)	Oil (MBbl)	COil(MBbl)	Gas (MMcf)	SGas(MMcf)
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Mean	0.00%	30809.	11399.	3502.2	69813. 19587.
TPF 100.00%	1386.4	512.95	157.59	3141.5	881.40
TPF 99.00%	2113.6	782.01	240.26	4789.4	1343.7
TPF 98.00%	2847.8	1053.7	323.73	6453.3	1810.6
TPF 97.00%	3589.3	1328.0	408.02	8133.5	2282.0
TPF 96.00%	4338.2	1605.1	493.14	9830.3	2758.1
TPF 95.00%	5094.5	1884.9	579.11	11544.	3238.9
TPF 90.00%	8994.2	3327.8	1022.4	20381.	5718.2
TPF 85.00%	13107.	4849.5	1489.9	29700.	8332.9
TPF 80.00%	17458.	6459.3	1984.5	39560.	11099.
TPF 75.00%	19495.	7213.1	2216.1	44177.	12394.
TPF 70.00%	21276.	7872.1	2418.6	48212.	13527.
TPF 65.00%	23183.	8577.7	2635.3	52533.	14739.
TPF 60.00%	25022.	9257.9	2844.3	56699.	15908.
TPF 55.00%	26842.	9931.4	3051.3	60824.	17065.
TPF 50.00%	28828.	10666.	3277.0	65325.	18328.
TPF 45.00%	30828.	11406.	3504.3	69856.	19599.
TPF 40.00%	33036.	12223.	3755.4	74861.	21003.
TPF 35.00%	35342.	13076.	4017.4	80085.	22469.
TPF 30.00%	37883.	14017.	4306.4	85844.	24085.
TPF 25.00%	40491.	14982.	4602.8	91754.	25743.
TPF 20.00%	43655.	16152.	4962.5	98923.	27755.
TPF 15.00%	47689.	17645.	5421.0	0.10806E+06	30319.
TPF 10.00%	53289.	19717.	6057.6	0.12075E+06	33880.
TPF 5.00%	61970.	22771.	7150.0	0.14091E+06	39211.
TPF 4.00%	64664.	23707.	7496.7	0.14720E+06	40851.
TPF 3.00%	68100.	24901.	7938.8	0.15522E+06	42943.
TPF 2.00%	72894.	26567.	8555.8	0.16641E+06	45863.
TPF 1.00%	80952.	29368.	9592.7	0.18522E+06	50771.
TPF 0.10%	0.10711E+06	38144.	12936.	0.24856E+06	66308.
TPF 0.00%	0.44914E+08	0.12438E+08	0.76859E+07	0.11729E+09	0.22033E+08