

GEOLOGIC ECONOMIC RESOURCE MODEL MODULE PSRK

Geologic Economic Resource Model (Ver 8.29.2005)

The Current UAI AAAAADAF 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 05 - Sadlerochit - Chukchi Platform
Geologist Kirk W. Sherwood
Remarks 2005 Assessment
Run date Date 16-SEP-05 Time 10:15:01

USER SUPPLIED PARAMETERS

RECOVERABLE RESOURCES? > R

B) Pool Size Distribution

Z PROB.

EXPECTATION = 0.18654E+06

S.D. = 0.23741E+06

MU = 11.536

SIG.SQ. = 1.3479

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

Mean	%	0.18654E+06	62712.	20934.	0.39620E+06	0.18204E+06
TPF 100.00%	426.39	167.39	38.703	754.17	483.88	
TPF 99.00%	5632.6	2211.2	511.27	9962.6	6392.1	
TPF 98.00%	7949.7	3120.9	721.60	14061.	9021.6	
TPF 97.00%	9877.6	3877.7	896.59	17471.	11209.	
TPF 96.00%	11755.	4614.6	1067.0	20791.	13340.	
TPF 95.00%	13522.	5308.6	1227.4	23918.	15346.	
TPF 90.00%	22160.	8699.4	2011.5	39195.	25148.	
TPF 85.00%	30311.	11493.	2889.5	56176.	33339.	
TPF 80.00%	38726.	14378.	3796.0	73707.	41796.	
TPF 75.00%	47590.	17277.	4842.7	93159.	49988.	
TPF 70.00%	57460.	20504.	6008.1	0.11482E+06	59108.	
TPF 65.00%	68524.	24351.	7180.5	0.13731E+06	70583.	
TPF 60.00%	80449.	28498.	8444.2	0.16156E+06	82952.	
TPF 55.00%	93688.	32882.	9959.6	0.19015E+06	95599.	
TPF 50.00%	0.10886E+06	37909.	11697.	0.22294E+06	0.11010E+06	
TPF 45.00%	0.12654E+06	43654.	13772.	0.26159E+06	0.12686E+06	
TPF 40.00%	0.14685E+06	50251.	16155.	0.30598E+06	0.14611E+06	
TPF 35.00%	0.17017E+06	57573.	18963.	0.35899E+06	0.16722E+06	
TPF 30.00%	0.19841E+06	66439.	22363.	0.42319E+06	0.19279E+06	

TPF	25.00%	0.23390E+06	76886.	26995.	0.50680E+06	0.22389E+06
TPF	20.00%	0.28065E+06	90647.	33095.	0.61695E+06	0.26486E+06
TPF	15.00%	0.34255E+06	0.10739E+06	41420.	0.77621E+06	0.31258E+06
TPF	10.00%	0.43699E+06	0.13294E+06	54122.	0.10192E+07	0.38540E+06
TPF	5.00%	0.61209E+06	0.18249E+06	78835.	0.14375E+07	0.53384E+06
TPF	4.00%	0.67531E+06	0.20038E+06	87759.	0.15885E+07	0.58745E+06
TPF	3.00%	0.75948E+06	0.22420E+06	99638.	0.17895E+07	0.65880E+06
TPF	2.00%	0.88281E+06	0.25910E+06	0.11705E+06	0.20841E+07	0.76337E+06
TPF	1.00%	0.11303E+07	0.32913E+06	0.15198E+06	0.26753E+07	0.97319E+06
TPF	0.10%	0.21721E+07	0.62393E+06	0.29901E+06	0.51636E+07	0.18564E+07
TPF	0.00%	0.89280E+07	0.25357E+07	0.12526E+07	0.21301E+08	0.75842E+07

C) No.of Pools Distribution

Lower Support = 0
Upper Support = 23
Expectation = 7.40
Standard Deviation= 2.62

Rank 1 99.96% 0.58712E+06 0.59640E+06

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

Mean 99.96% 0.58712E+06 0.17542E+06 75311. 0.13778E+07 0.51268E+06
TPF 100.00% 426.39 167.39 38.703 754.17 483.88
TPF 99.00% 80018. 28348. 8398.5 0.16068E+06 82505.
TPF 98.00% 0.10426E+06 36383. 11170. 0.21299E+06 0.10570E+06
TPF 97.00% 0.12178E+06 42105. 13212. 0.25117E+06 0.12234E+06
TPF 96.00% 0.13610E+06 46759. 14894. 0.28248E+06 0.13592E+06
TPF 95.00% 0.14798E+06 50605. 16291. 0.30854E+06 0.14713E+06
TPF 90.00% 0.19441E+06 65185. 21882. 0.41410E+06 0.18917E+06
TPF 85.00% 0.23130E+06 76122. 26656. 0.50069E+06 0.22162E+06
TPF 80.00% 0.26609E+06 86362. 31196. 0.58265E+06 0.25210E+06
TPF 75.00% 0.29807E+06 95360. 35439. 0.66178E+06 0.27829E+06
TPF 70.00% 0.32813E+06 0.10349E+06 39481. 0.73912E+06 0.30147E+06
TPF 65.00% 0.35941E+06 0.11195E+06 43688. 0.81961E+06 0.32558E+06
TPF 60.00% 0.39313E+06 0.12108E+06 48223. 0.90637E+06 0.35158E+06
TPF 55.00% 0.42292E+06 0.12913E+06 52229. 0.98301E+06 0.37454E+06
TPF 50.00% 0.46036E+06 0.13955E+06 57420. 0.10750E+07 0.40521E+06
TPF 45.00% 0.50515E+06 0.15223E+06 63742. 0.11820E+07 0.44318E+06
TPF 40.00% 0.54609E+06 0.16381E+06 69519. 0.12798E+07 0.47789E+06
TPF 35.00% 0.58378E+06 0.17448E+06 74839. 0.13698E+07 0.50984E+06
TPF 30.00% 0.62403E+06 0.18587E+06 80521. 0.14660E+07 0.54397E+06
TPF 25.00% 0.68525E+06 0.20319E+06 89162. 0.16122E+07 0.59587E+06
TPF 20.00% 0.75846E+06 0.22391E+06 99494. 0.17871E+07 0.65794E+06
TPF 15.00% 0.85883E+06 0.25231E+06 0.11366E+06 0.20268E+07 0.74303E+06
TPF 10.00% 0.10256E+07 0.29950E+06 0.13720E+06 0.24252E+07 0.88442E+06
TPF 5.00% 0.14857E+07 0.42969E+06 0.20213E+06 0.35241E+07 0.12745E+07
TPF 4.00% 0.16494E+07 0.47602E+06 0.22524E+06 0.39151E+07 0.14133E+07
TPF 3.00% 0.18114E+07 0.52187E+06 0.24811E+06 0.43022E+07 0.15506E+07
TPF 2.00% 0.19718E+07 0.56726E+06 0.27075E+06 0.46853E+07 0.16866E+07
TPF 1.00% 0.21306E+07 0.61220E+06 0.29316E+06 0.50646E+07 0.18213E+07
TPF 0.10% 0.80145E+07 0.22772E+07 0.11236E+07 0.19119E+08 0.68097E+07
TPF 0.00% 0.89280E+07 0.25357E+07 0.12526E+07 0.21301E+08 0.75842E+07

Rank 2 99.60% 0.29412E+06 0.18544E+06

Prob.	BOE (MBbl)	Oil (MBbl)	COil(MBbl)	Gas (MMcf)	SGas(MMcf)
Mean	99.60%	0.29412E+06	94291.	34907.	0.65161E+06 0.27524E+06
TPF	100.00%	426.39	167.39	38.703	754.17 483.88
TPF	99.00%	35146.	13151.	3410.3	66249. 38198.
TPF	98.00%	49285.	17831.	5042.8	96878. 51554.
TPF	97.00%	59957.	21373.	6272.8	0.11989E+06 61699.
TPF	96.00%	68744.	24428.	7203.8	0.13776E+06 70812.
TPF	95.00%	76352.	27073.	8010.1	0.15323E+06 78703.
TPF	90.00%	0.10518E+06	36688.	11275.	0.21497E+06 0.10658E+06
TPF	85.00%	0.12795E+06	44110.	13937.	0.26466E+06 0.12819E+06
TPF	80.00%	0.14783E+06	50560.	16274.	0.30821E+06 0.14700E+06
TPF	75.00%	0.16609E+06	56294.	18473.	0.34973E+06 0.16353E+06
TPF	70.00%	0.18393E+06	61893.	20620.	0.39027E+06 0.17968E+06
TPF	65.00%	0.20073E+06	67125.	22667.	0.42867E+06 0.19483E+06
TPF	60.00%	0.21911E+06	72534.	25065.	0.47197E+06 0.21093E+06
TPF	55.00%	0.23651E+06	77656.	27336.	0.51296E+06 0.22618E+06
TPF	50.00%	0.25699E+06	83682.	30008.	0.56120E+06 0.24412E+06
TPF	45.00%	0.27623E+06	89346.	32519.	0.60654E+06 0.26099E+06
TPF	40.00%	0.29904E+06	95622.	35569.	0.66427E+06 0.27904E+06
TPF	35.00%	0.32240E+06	0.10194E+06	38710.	0.72436E+06 0.29704E+06
TPF	30.00%	0.34658E+06	0.10848E+06	41962.	0.78658E+06 0.31569E+06
TPF	25.00%	0.38101E+06	0.11780E+06	46592.	0.87517E+06 0.34223E+06
TPF	20.00%	0.41571E+06	0.12718E+06	51259.	0.96445E+06 0.36898E+06
TPF	15.00%	0.46398E+06	0.14058E+06	57930.	0.10837E+07 0.40827E+06
TPF	10.00%	0.53539E+06	0.16078E+06	68009.	0.12542E+07 0.46881E+06
TPF	5.00%	0.62413E+06	0.18590E+06	80535.	0.14662E+07 0.54406E+06
TPF	4.00%	0.65983E+06	0.19600E+06	85574.	0.15515E+07 0.57432E+06
TPF	3.00%	0.70709E+06	0.20937E+06	92243.	0.16644E+07 0.61438E+06
TPF	2.00%	0.77082E+06	0.22741E+06	0.10124E+06	0.18166E+07 0.66842E+06
TPF	1.00%	0.88123E+06	0.25865E+06	0.11682E+06	0.20803E+07 0.76202E+06
TPF	0.10%	0.15753E+07	0.45507E+06	0.21479E+06	0.37383E+07 0.13505E+07
TPF	0.00%	0.89280E+07	0.25357E+07	0.12526E+07	0.21301E+08 0.75842E+07

Rank 3 98.17% 0.19097E+06 0.12013E+06

Prob.	BOE (MBbl)	Oil (MBbl)	COil(MBbl)	Gas (MMcf)	SGas(MMcf)
Mean	98.17%	0.19097E+06	64104.	21468.	0.40628E+06 0.18606E+06
TPF	100.00%	426.39	167.39	38.703	754.17 483.88
TPF	99.00%	17059.	6697.0	1548.5	30173. 19359.
TPF	98.00%	25563.	9865.8	2378.0	46284. 28568.
TPF	97.00%	32061.	12093.	3078.0	59823. 35099.
TPF	96.00%	37560.	13978.	3670.3	71278. 40624.
TPF	95.00%	42451.	15596.	4235.8	81881. 45238.
TPF	90.00%	62255.	22172.	6516.2	0.12457E+06 64082.
TPF	85.00%	78066.	27669.	8191.6	0.15671E+06 80480.
TPF	80.00%	91805.	32259.	9744.1	0.18609E+06 93801.
TPF	75.00%	0.10483E+06	36573.	11235.	0.21422E+06 0.10624E+06
TPF	70.00%	0.11756E+06	40735.	12718.	0.24195E+06 0.11834E+06
TPF	65.00%	0.12994E+06	44756.	14170.	0.26901E+06 0.13007E+06

TPF	60.00%	0.14243E+06	48814.	15636.	0.29631E+06	0.14191E+06
TPF	55.00%	0.15508E+06	52836.	17147.	0.32469E+06	0.15356E+06
TPF	50.00%	0.16762E+06	56774.	18657.	0.35321E+06	0.16492E+06
TPF	45.00%	0.18160E+06	61161.	20339.	0.38497E+06	0.17757E+06
TPF	40.00%	0.19564E+06	65572.	22030.	0.41691E+06	0.19029E+06
TPF	35.00%	0.21226E+06	70516.	24171.	0.45582E+06	0.20493E+06
TPF	30.00%	0.22951E+06	75593.	26421.	0.49646E+06	0.22004E+06
TPF	25.00%	0.25112E+06	81955.	29242.	0.54738E+06	0.23898E+06
TPF	20.00%	0.27492E+06	88962.	32348.	0.60346E+06	0.25984E+06
TPF	15.00%	0.30670E+06	97695.	36599.	0.68398E+06	0.28494E+06
TPF	10.00%	0.34545E+06	0.10818E+06	41810.	0.78368E+06	0.31482E+06
TPF	5.00%	0.41740E+06	0.12764E+06	51486.	0.96880E+06	0.37029E+06
TPF	4.00%	0.43554E+06	0.13255E+06	53926.	0.10155E+07	0.38427E+06
TPF	3.00%	0.47261E+06	0.14302E+06	59148.	0.11043E+07	0.41559E+06
TPF	2.00%	0.51861E+06	0.15604E+06	65642.	0.12142E+07	0.45459E+06
TPF	1.00%	0.58054E+06	0.17356E+06	74382.	0.13621E+07	0.50710E+06
TPF	0.10%	0.81098E+06	0.23877E+06	0.10691E+06	0.19125E+07	0.70246E+06
TPF	0.00%	0.89280E+07	0.25357E+07	0.12526E+07	0.21301E+08	0.75842E+07

Rank 4 94.40% 0.13390E+06 88178.

Prob.	BOE (MBbl)	Oil (MBbl)	COil(MBbl)	Gas (MMcf)	SGas(MMcf)
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Mean	94.40%	0.13390E+06	46045.	14636.	0.27768E+06	0.13384E+06
TPF	100.00%	426.39	167.39	38.703	754.17	483.88
TPF	99.00%	9868.4	3874.1	895.76	17455.	11199.
TPF	98.00%	14609.	5735.1	1326.0	25839.	16579.
TPF	97.00%	18678.	7332.7	1695.4	33037.	21197.
TPF	96.00%	22356.	8766.6	2032.6	39603.	25345.
TPF	95.00%	25545.	9859.9	2376.2	46248.	28550.
TPF	90.00%	38782.	14396.	3802.5	73830.	41848.
TPF	85.00%	49811.	18003.	5104.9	98032.	52040.
TPF	80.00%	60015.	21393.	6278.9	0.12001E+06	61759.
TPF	75.00%	69716.	24766.	7306.9	0.13974E+06	71820.
TPF	70.00%	78953.	27978.	8285.7	0.15852E+06	81401.
TPF	65.00%	88143.	31046.	9324.9	0.17818E+06	90302.
TPF	60.00%	97297.	34078.	10373.	0.19795E+06	99047.
TPF	55.00%	0.10670E+06	37193.	11449.	0.21827E+06	0.10803E+06
TPF	50.00%	0.11683E+06	40498.	12632.	0.24036E+06	0.11765E+06
TPF	45.00%	0.12706E+06	43822.	13833.	0.26272E+06	0.12735E+06
TPF	40.00%	0.13852E+06	47546.	15178.	0.28778E+06	0.13821E+06
TPF	35.00%	0.15038E+06	51360.	16581.	0.31401E+06	0.14930E+06
TPF	30.00%	0.16361E+06	55512.	18173.	0.34407E+06	0.16128E+06
TPF	25.00%	0.17868E+06	60246.	19988.	0.37835E+06	0.17493E+06
TPF	20.00%	0.19600E+06	65685.	22074.	0.41773E+06	0.19061E+06
TPF	15.00%	0.21908E+06	72524.	25060.	0.47189E+06	0.21090E+06
TPF	10.00%	0.25028E+06	81708.	29132.	0.54540E+06	0.23825E+06
TPF	5.00%	0.30205E+06	96437.	35974.	0.67202E+06	0.28136E+06
TPF	4.00%	0.31809E+06	0.10078E+06	38131.	0.71328E+06	0.29372E+06
TPF	3.00%	0.33667E+06	0.10580E+06	40629.	0.76109E+06	0.30805E+06
TPF	2.00%	0.36840E+06	0.11438E+06	44896.	0.84272E+06	0.33251E+06
TPF	1.00%	0.41696E+06	0.12752E+06	51427.	0.96768E+06	0.36995E+06
TPF	0.10%	0.58492E+06	0.17480E+06	75001.	0.13726E+07	0.51081E+06
TPF	0.00%	0.89280E+07	0.25357E+07	0.12526E+07	0.21301E+08	0.75842E+07

Rank 5 87.05% 98522. 67980.

Prob.	BOE (MBbl)	Oil (MBbl)	COil(MBbl)	Gas (MMcf)	SGas(MMcf)
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Mean	87.05%	98522.	34484.	10513.	0.20060E+06 0.10022E+06
TPF 100.00%	426.39	167.39	38.703	754.17	483.88
TPF 99.00%	6792.8	2666.7	616.59	12015.	7708.8
TPF 98.00%	9735.1	3821.8	883.66	17219.	11048.
TPF 97.00%	12258.	4812.1	1112.6	21681.	13911.
TPF 96.00%	14530.	5704.2	1318.9	25700.	16489.
TPF 95.00%	16681.	6548.5	1514.1	29504.	18930.
TPF 90.00%	26085.	10045.	2434.3	47373.	29093.
TPF 85.00%	34009.	12761.	3287.9	63881.	37056.
TPF 80.00%	41290.	15216.	4098.7	79334.	44166.
TPF 75.00%	48197.	17475.	4914.3	94490.	50548.
TPF 70.00%	55252.	19782.	5747.4	0.10997E+06	57068.
TPF 65.00%	62421.	22229.	6533.8	0.12490E+06	64254.
TPF 60.00%	69580.	24718.	7292.4	0.13946E+06	71678.
TPF 55.00%	76938.	27277.	8072.1	0.15442E+06	79310.
TPF 50.00%	84513.	29844.	8909.4	0.17034E+06	86834.
TPF 45.00%	92359.	32442.	9807.5	0.18728E+06	94330.
TPF 40.00%	0.10113E+06	35348.	10812.	0.20623E+06	0.10271E+06
TPF 35.00%	0.11040E+06	38408.	11877.	0.22629E+06	0.11155E+06
TPF 30.00%	0.12120E+06	41917.	13145.	0.24991E+06	0.12179E+06
TPF 25.00%	0.13334E+06	45862.	14570.	0.27645E+06	0.13330E+06
TPF 20.00%	0.14720E+06	50361.	16198.	0.30678E+06	0.14642E+06
TPF 15.00%	0.16475E+06	55872.	18311.	0.34668E+06	0.16232E+06
TPF 10.00%	0.18854E+06	63341.	21175.	0.40075E+06	0.18385E+06
TPF 5.00%	0.22773E+06	75070.	26189.	0.49227E+06	0.21848E+06
TPF 4.00%	0.24039E+06	78798.	27842.	0.52210E+06	0.22958E+06
TPF 3.00%	0.25752E+06	83840.	30078.	0.56247E+06	0.24459E+06
TPF 2.00%	0.27888E+06	90126.	32864.	0.61278E+06	0.26331E+06
TPF 1.00%	0.31864E+06	0.10093E+06	38205.	0.71471E+06	0.29415E+06
TPF 0.10%	0.44258E+06	0.13452E+06	54910.	0.10326E+07	0.39013E+06
TPF 0.00%	0.89280E+07	0.25357E+07	0.12526E+07	0.21301E+08	0.75842E+07

Rank 6 75.76% 75432. 54024.

Prob.	BOE (MBbl)	Oil (MBbl)	COil(MBbl)	Gas (MMcf)	SGas(MMcf)
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Mean	75.76%	75432.	26753.	7912.6	0.15136E+06 77748.
TPF 100.00%	426.39	167.39	38.703	754.17	483.88
TPF 99.00%	4975.9	1953.4	451.66	8801.0	5646.8
TPF 98.00%	7322.7	2874.7	664.68	12952.	8310.1
TPF 97.00%	9044.2	3550.5	820.94	15997.	10264.
TPF 96.00%	10609.	4164.9	963.01	18765.	12040.
TPF 95.00%	12102.	4751.0	1098.5	21406.	13734.
TPF 90.00%	18756.	7363.3	1702.5	33175.	21285.
TPF 85.00%	24749.	9586.8	2290.3	44588.	27749.
TPF 80.00%	30205.	11457.	2878.1	55955.	33233.
TPF 75.00%	35560.	13293.	3454.9	67112.	38615.
TPF 70.00%	40815.	15061.	4042.6	78291.	43727.
TPF 65.00%	46074.	16781.	4663.6	89831.	48586.

TPF	60.00%	51628.	18597.	5319.4	0.10202E+06	53719.
TPF	55.00%	57275.	20444.	5986.3	0.11441E+06	58938.
TPF	50.00%	63551.	22622.	6653.6	0.12720E+06	65426.
TPF	45.00%	69978.	24857.	7334.6	0.14027E+06	72092.
TPF	40.00%	76888.	27259.	8066.8	0.15432E+06	79258.
TPF	35.00%	84363.	29794.	8892.2	0.17001E+06	86691.
TPF	30.00%	92545.	32504.	9828.8	0.18769E+06	94508.
TPF	25.00%	0.10231E+06	35737.	10946.	0.20877E+06	0.10383E+06
TPF	20.00%	0.11377E+06	39503.	12273.	0.23366E+06	0.11475E+06
TPF	15.00%	0.12807E+06	44149.	13951.	0.26492E+06	0.12830E+06
TPF	10.00%	0.14750E+06	50457.	16234.	0.30747E+06	0.14670E+06
TPF	5.00%	0.17942E+06	60479.	20078.	0.38004E+06	0.17560E+06
TPF	4.00%	0.18937E+06	63602.	21275.	0.40264E+06	0.18461E+06
TPF	3.00%	0.20182E+06	67445.	22809.	0.43123E+06	0.19578E+06
TPF	2.00%	0.22045E+06	72929.	25240.	0.47513E+06	0.21211E+06
TPF	1.00%	0.25182E+06	82161.	29333.	0.54903E+06	0.23959E+06
TPF	0.10%	0.35309E+06	0.11024E+06	42837.	0.80333E+06	0.32071E+06
TPF	0.00%	0.89280E+07	0.25357E+07	0.12526E+07	0.21301E+08	0.75842E+07

Rank 7 61.47% 59848. 43955.

Prob.	BOE (MBbl)	Oil (MBbl)	COil(MBbl)	Gas (MMcf)	SGas(MMcf)
-----	-----	-----	-----	-----	-----
Mean	61.47%	59848.	21335.	6261.1	0.11967E+06 61585.
TPF	100.00%	426.39	167.39	38.703	754.17 483.88
TPF	99.00%	3399.4	1334.5	308.57	6012.7 3857.8
TPF	98.00%	5951.6	2336.4	540.23	10527. 6754.1
TPF	97.00%	7254.6	2848.0	658.51	12832. 8232.8
TPF	96.00%	8447.7	3316.4	766.80	14942. 9586.8
TPF	95.00%	9516.5	3735.9	863.82	16832. 10800.
TPF	90.00%	14441.	5669.4	1310.9	25543. 16389.
TPF	85.00%	19011.	7463.4	1725.7	33626. 21575.
TPF	80.00%	23409.	9127.5	2146.0	41797. 26403.
TPF	75.00%	27562.	10551.	2593.3	50449. 30577.
TPF	70.00%	31716.	11975.	3040.8	59103. 34752.
TPF	65.00%	35939.	13423.	3495.8	67902. 38996.
TPF	60.00%	40245.	14874.	3975.3	77040. 43200.
TPF	55.00%	44731.	16342.	4505.1	86885. 47346.
TPF	50.00%	49474.	17893.	5065.1	97293. 51729.
TPF	45.00%	54653.	19586.	5676.7	0.10866E+06 56515.
TPF	40.00%	60301.	21492.	6309.2	0.12059E+06 62055.
TPF	35.00%	66543.	23662.	6970.6	0.13328E+06 68529.
TPF	30.00%	73495.	26080.	7707.3	0.14742E+06 75739.
TPF	25.00%	81210.	28750.	8531.3	0.16320E+06 83679.
TPF	20.00%	90551.	31843.	9600.5	0.18338E+06 92602.
TPF	15.00%	0.10233E+06	35744.	10949.	0.20882E+06 0.10385E+06
TPF	10.00%	0.11860E+06	41071.	12839.	0.24421E+06 0.11932E+06
TPF	5.00%	0.14521E+06	49717.	15963.	0.30239E+06 0.14455E+06
TPF	4.00%	0.15376E+06	52420.	16987.	0.32168E+06 0.15236E+06
TPF	3.00%	0.16424E+06	55712.	18249.	0.34551E+06 0.16185E+06
TPF	2.00%	0.17916E+06	60396.	20046.	0.37943E+06 0.17536E+06
TPF	1.00%	0.20416E+06	68132.	23113.	0.43673E+06 0.19783E+06
TPF	0.10%	0.28935E+06	93002.	34266.	0.63935E+06 0.27157E+06
TPF	0.00%	0.89280E+07	0.25357E+07	0.12526E+07	0.21301E+08 0.75842E+07

Rank 8 46.15% 49016. 36510.

Prob.	BOE (MBbl)	Oil (MBbl)	COil(MBbl)	Gas (MMcf)	SGas(MMcf)
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Mean	46.15%	49016.	17743.	5011.0	96287. 51305.
TPF 100.00%	426.39	167.39	38.703	754.17	483.88
TPF 99.00%	2541.7	997.81	230.71	4495.6	2884.4
TPF 98.00%	4654.5	1827.2	422.49	8232.6	5282.1
TPF 97.00%	6136.6	2409.1	557.02	10854.	6964.0
TPF 96.00%	7075.0	2777.5	642.20	12514.	8029.0
TPF 95.00%	8002.1	3141.4	726.35	14154.	9081.1
TPF 90.00%	11838.	4647.4	1074.6	20939.	13435.
TPF 85.00%	15366.	6032.3	1394.8	27179.	17438.
TPF 80.00%	18867.	7406.6	1712.5	33370.	21411.
TPF 75.00%	22378.	8774.2	2035.0	39650.	25367.
TPF 70.00%	25740.	9926.5	2397.1	46653.	28746.
TPF 65.00%	29152.	11096.	2764.6	53761.	32174.
TPF 60.00%	32706.	12314.	3147.5	61165.	35746.
TPF 55.00%	36387.	13576.	3544.0	68834.	39446.
TPF 50.00%	40260.	14880.	3977.1	77074.	43214.
TPF 45.00%	44411.	16237.	4467.3	86183.	47050.
TPF 40.00%	48889.	17701.	4996.1	96009.	51188.
TPF 35.00%	54008.	19375.	5600.5	0.10724E+06	55918.
TPF 30.00%	59740.	21297.	6249.7	0.11945E+06	61473.
TPF 25.00%	66449.	23630.	6960.6	0.13309E+06	68431.
TPF 20.00%	74372.	26385.	7800.2	0.14920E+06	76649.
TPF 15.00%	84120.	29714.	8864.4	0.16949E+06	86459.
TPF 10.00%	97511.	34149.	10397.	0.19841E+06	99252.
TPF 5.00%	0.12021E+06	41597.	13029.	0.24775E+06	0.12086E+06
TPF 4.00%	0.12718E+06	43859.	13846.	0.26297E+06	0.12746E+06
TPF 3.00%	0.13666E+06	46941.	14960.	0.28371E+06	0.13645E+06
TPF 2.00%	0.14916E+06	50978.	16434.	0.31124E+06	0.14820E+06
TPF 1.00%	0.17009E+06	57548.	18953.	0.35881E+06	0.16715E+06
TPF 0.10%	0.24155E+06	79138.	27993.	0.52483E+06	0.23059E+06
TPF 0.00%	0.89280E+07	0.25357E+07	0.12526E+07	0.21301E+08	0.75842E+07

Rank 9 31.96% 41268. 30909.

Prob.	BOE (MBbl)	Oil (MBbl)	COil(MBbl)	Gas (MMcf)	SGas(MMcf)
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Mean	31.96%	41268.	15209.	4096.2	79286. 44146.
TPF 100.00%	426.39	167.39	38.703	754.17	483.88
TPF 99.00%	2028.7	796.43	184.15	3588.3	2302.3
TPF 98.00%	3634.9	1427.0	329.94	6429.2	4125.1
TPF 97.00%	5245.1	2059.1	476.10	9277.2	5952.4
TPF 96.00%	6178.6	2425.6	560.84	10928.	7011.7
TPF 95.00%	6899.0	2708.4	626.23	12203.	7829.3
TPF 90.00%	10093.	3962.2	916.12	17851.	11454.
TPF 85.00%	13007.	5106.2	1180.6	23006.	14761.
TPF 80.00%	15824.	6212.2	1436.4	27989.	17958.
TPF 75.00%	18691.	7337.8	1696.6	33060.	21212.
TPF 70.00%	21631.	8491.9	1963.5	38260.	24548.
TPF 65.00%	24516.	9507.1	2265.3	44104.	27516.

TPF	60.00%	27467.	10518.	2583.1	50251.	30481.
TPF	55.00%	30538.	11571.	2913.9	56648.	33567.
TPF	50.00%	33841.	12703.	3269.7	63530.	36887.
TPF	45.00%	37314.	13894.	3643.8	70765.	40377.
TPF	40.00%	41116.	15159.	4078.2	78952.	44005.
TPF	35.00%	45269.	16518.	4568.6	88066.	47843.
TPF	30.00%	50026.	18073.	5130.2	98503.	52238.
TPF	25.00%	55571.	19887.	5785.1	0.11067E+06	57363.
TPF	20.00%	62388.	22218.	6530.3	0.12484E+06	64219.
TPF	15.00%	70853.	25161.	7427.3	0.14205E+06	72999.
TPF	10.00%	82294.	29109.	8655.4	0.16554E+06	84714.
TPF	5.00%	0.10149E+06	35465.	10852.	0.20700E+06	0.10305E+06
TPF	4.00%	0.10741E+06	37429.	11531.	0.21980E+06	0.10871E+06
TPF	3.00%	0.11553E+06	40073.	12479.	0.23750E+06	0.11641E+06
TPF	2.00%	0.12636E+06	43593.	13750.	0.26118E+06	0.12668E+06
TPF	1.00%	0.14513E+06	49694.	15954.	0.30223E+06	0.14448E+06
TPF	0.10%	0.20596E+06	68664.	23349.	0.44099E+06	0.19941E+06
TPF	0.00%	0.89280E+07	0.25357E+07	0.12526E+07	0.21301E+08	0.75842E+07

Rank 10 20.41% 35572. 26629.

Prob.	BOE (MBbl)	Oil (MBbl)	COil(MBbl)	Gas (MMcf)	SGas(MMcf)	
-----	-----	-----	-----	-----	-----	
Mean	20.41%	35572.	13297.	3456.2	67136.	38626.
TPF	100.00%	426.39	167.39	38.703	754.17	483.88
TPF	99.00%	1698.2	666.69	154.15	3003.7	1927.2
TPF	98.00%	2975.8	1168.2	270.12	5263.5	3377.1
TPF	97.00%	4259.4	1672.1	386.62	7533.7	4833.7
TPF	96.00%	5548.9	2178.4	503.68	9814.6	6297.1
TPF	95.00%	6172.0	2423.0	560.24	10917.	7004.2
TPF	90.00%	8905.7	3496.2	808.37	15752.	10107.
TPF	85.00%	11366.	4461.9	1031.7	20103.	12898.
TPF	80.00%	13743.	5395.3	1247.5	24308.	15596.
TPF	75.00%	16124.	6329.8	1463.6	28519.	18298.
TPF	70.00%	18588.	7297.4	1687.3	32878.	21095.
TPF	65.00%	21150.	8302.8	1919.8	37408.	24001.
TPF	60.00%	23728.	9237.0	2180.4	42463.	26724.
TPF	55.00%	26372.	10143.	2465.2	47971.	29381.
TPF	50.00%	29160.	11099.	2765.5	53778.	32183.
TPF	45.00%	32178.	12133.	3090.6	60065.	35215.
TPF	40.00%	35448.	13254.	3442.9	66879.	38502.
TPF	35.00%	39000.	14467.	3828.3	74309.	42050.
TPF	30.00%	43087.	15804.	4310.9	83277.	45826.
TPF	25.00%	47659.	17299.	4850.7	93309.	50051.
TPF	20.00%	53484.	19204.	5538.7	0.10609E+06	55435.
TPF	15.00%	60793.	21663.	6361.3	0.12159E+06	62565.
TPF	10.00%	70915.	25183.	7434.0	0.14217E+06	73064.
TPF	5.00%	87527.	30842.	9254.4	0.17685E+06	89714.
TPF	4.00%	92615.	32527.	9836.8	0.18784E+06	94574.
TPF	3.00%	99556.	34826.	10631.	0.20283E+06	0.10121E+06
TPF	2.00%	0.10884E+06	37901.	11694.	0.22288E+06	0.11007E+06
TPF	1.00%	0.12537E+06	43271.	13634.	0.25902E+06	0.12574E+06
TPF	0.10%	0.17892E+06	60321.	20017.	0.37889E+06	0.17515E+06
TPF	0.00%	0.89280E+07	0.25357E+07	0.12526E+07	0.21301E+08	0.75842E+07

Rank 11 12.04% 31272. 23307.

Prob.	BOE (MBbl)	Oil (MBbl)	COil(MBbl)	Gas (MMcf)	SGas(MMcf)	
-----	-----	-----	-----	-----	-----	
Mean	12.04%	31272.	11823.	2993.0	58179.	34305.
TPF	100.00%	426.39	167.39	38.703	754.17	483.88
TPF	99.00%	1472.4	578.05	133.65	2604.4	1671.0
TPF	98.00%	2524.7	991.12	229.16	4465.5	2865.1
TPF	97.00%	3583.1	1406.7	325.24	6337.6	4066.3
TPF	96.00%	4648.0	1824.7	421.90	8221.1	5274.8
TPF	95.00%	5671.2	2226.4	514.78	10031.	6435.9
TPF	90.00%	8075.6	3170.3	733.03	14284.	9164.5
TPF	85.00%	10158.	3987.7	922.03	17967.	11528.
TPF	80.00%	12237.	4803.8	1110.7	21643.	13887.
TPF	75.00%	14282.	5607.0	1296.4	25262.	16208.
TPF	70.00%	16385.	6432.2	1487.2	28980.	18594.
TPF	65.00%	18584.	7295.6	1686.9	32870.	21090.
TPF	60.00%	20894.	8202.7	1896.6	36957.	23712.
TPF	55.00%	23268.	9079.2	2130.8	41503.	26261.
TPF	50.00%	25713.	9917.2	2394.2	46596.	28718.
TPF	45.00%	28327.	10813.	2675.8	52043.	31346.
TPF	40.00%	31174.	11789.	2982.4	57974.	34207.
TPF	35.00%	34348.	12877.	3324.4	64587.	37397.
TPF	30.00%	37858.	14080.	3702.4	71899.	40924.
TPF	25.00%	41977.	15441.	4179.9	80842.	44801.
TPF	20.00%	46798.	17018.	4749.1	91421.	49256.
TPF	15.00%	53179.	19104.	5502.6	0.10542E+06	55152.
TPF	10.00%	62044.	22098.	6493.9	0.12414E+06	63863.
TPF	5.00%	76793.	27226.	8056.8	0.15413E+06	79160.
TPF	4.00%	81328.	28789.	8544.8	0.16346E+06	83791.
TPF	3.00%	87372.	30791.	9236.6	0.17651E+06	89565.
TPF	2.00%	95575.	33507.	10176.	0.19423E+06	97402.
TPF	1.00%	0.10981E+06	38215.	11807.	0.22500E+06	0.11099E+06
TPF	0.10%	0.15774E+06	53670.	17466.	0.33073E+06	0.15596E+06
TPF	0.00%	0.89280E+07	0.25357E+07	0.12526E+07	0.21301E+08	0.75842E+07

Rank 12 6.57% 27949. 20689.

Prob.	BOE (MBbl)	Oil (MBbl)	COil(MBbl)	Gas (MMcf)	SGas(MMcf)	
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Mean	6.57%	27949.	10684.	2635.0	51255.	30965.
TPF	100.00%	426.39	167.39	38.703	754.17	483.88
TPF	99.00%	1310.8	514.59	118.98	2318.5	1487.6
TPF	98.00%	2201.2	864.15	199.81	3893.4	2498.0
TPF	97.00%	3097.7	1216.1	281.18	5479.1	3515.5
TPF	96.00%	4000.5	1570.5	363.13	7075.9	4539.9
TPF	95.00%	4909.6	1927.4	445.65	8683.8	5571.6
TPF	90.00%	7378.2	2896.5	669.72	13050.	8373.1
TPF	85.00%	9260.4	3635.4	840.57	16379.	10509.
TPF	80.00%	11087.	4352.6	1006.4	19610.	12582.
TPF	75.00%	12906.	5066.8	1171.5	22828.	14647.
TPF	70.00%	14743.	5787.7	1338.2	26076.	16731.
TPF	65.00%	16659.	6539.8	1512.1	29465.	18905.

TPF	60.00%	18682.	7334.0	1695.8	33043.	21201.
TPF	55.00%	20829.	8176.9	1890.6	36841.	23637.
TPF	50.00%	23067.	9010.3	2109.2	41085.	26059.
TPF	45.00%	25393.	9807.6	2359.7	45930.	28397.
TPF	40.00%	27916.	10673.	2631.6	51188.	30933.
TPF	35.00%	30697.	11626.	2931.1	56981.	33728.
TPF	30.00%	33878.	12716.	3273.7	63608.	36924.
TPF	25.00%	37488.	13953.	3662.6	71128.	40552.
TPF	20.00%	41856.	15402.	4165.6	80577.	44689.
TPF	15.00%	47250.	17165.	4802.5	92412.	49673.
TPF	10.00%	55063.	19720.	5725.1	0.10956E+06	56893.
TPF	5.00%	68238.	24252.	7150.3	0.13673E+06	70287.
TPF	4.00%	72493.	25731.	7601.1	0.14538E+06	74700.
TPF	3.00%	77756.	27561.	8158.8	0.15608E+06	80159.
TPF	2.00%	85206.	30073.	8988.7	0.17183E+06	87497.
TPF	1.00%	97808.	34247.	10431.	0.19905E+06	99535.
TPF	0.10%	0.14054E+06	48201.	15415.	0.29218E+06	0.14013E+06
TPF	0.00%	0.89280E+07	0.25357E+07	0.12526E+07	0.21301E+08	0.75842E+07

Rank 13 3.34% 25324. 18596.

Prob.	BOE (MBbl)	Oil (MBbl)	COil(MBbl)	Gas (MMcf)	SGas(MMcf)	
-----	-----	-----	-----	-----	-----	
Mean	3.34%	25324.	9783.9	2352.3	45786.	28328.
TPF	100.00%	426.39	167.39	38.703	754.17	483.88
TPF	99.00%	1190.7	467.43	108.08	2106.0	1351.2
TPF	98.00%	1960.6	769.70	177.97	3467.9	2225.0
TPF	97.00%	2736.3	1074.2	248.38	4839.9	3105.3
TPF	96.00%	3517.9	1381.1	319.33	6222.3	3992.3
TPF	95.00%	4305.5	1690.3	390.82	7615.4	4886.1
TPF	90.00%	6836.4	2683.8	620.55	12092.	7758.2
TPF	85.00%	8578.9	3367.9	778.71	15174.	9735.7
TPF	80.00%	10195.	4002.3	925.41	18032.	11570.
TPF	75.00%	11846.	4650.7	1075.3	20953.	13444.
TPF	70.00%	13487.	5294.7	1224.2	23855.	15306.
TPF	65.00%	15179.	5959.1	1377.9	26849.	17226.
TPF	60.00%	16972.	6662.9	1540.6	30020.	19261.
TPF	55.00%	18882.	7412.7	1714.0	33398.	21428.
TPF	50.00%	20930.	8216.5	1899.8	37019.	23752.
TPF	45.00%	23086.	9016.7	2111.2	41124.	26078.
TPF	40.00%	25359.	9796.2	2356.1	45861.	28363.
TPF	35.00%	27866.	10655.	2626.1	51083.	30882.
TPF	30.00%	30682.	11621.	2929.4	56949.	33712.
TPF	25.00%	33986.	12753.	3285.3	63832.	37032.
TPF	20.00%	37863.	14082.	3703.0	71910.	40929.
TPF	15.00%	42821.	15717.	4279.6	82694.	45581.
TPF	10.00%	49630.	17944.	5083.6	97636.	51873.
TPF	5.00%	61442.	21889.	6430.0	0.12291E+06	63238.
TPF	4.00%	65236.	23208.	6832.1	0.13063E+06	67173.
TPF	3.00%	70036.	24877.	7340.7	0.14039E+06	72151.
TPF	2.00%	76777.	27221.	8055.1	0.15409E+06	79143.
TPF	1.00%	88134.	31043.	9323.9	0.17816E+06	90293.
TPF	0.10%	0.12615E+06	43525.	13726.	0.26072E+06	0.12648E+06
TPF	0.00%	0.89280E+07	0.25357E+07	0.12526E+07	0.21301E+08	0.75842E+07

Rank 14 1.58% 23211. 16898.

Prob.	BOE (MBbl)	Oil (MBbl)	COil(MBbl)	Gas (MMcf)	SGas(MMcf)	
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Mean	1.58%	23211.	9059.6	2124.6	41384.	26204.
TPF 100.00%	426.39	167.39	38.703	754.17	483.88	
TPF 99.00%	1098.6	431.30	99.723	1943.2	1246.8	
TPF 98.00%	1776.2	697.28	161.22	3141.6	2015.7	
TPF 97.00%	2459.1	965.38	223.21	4349.5	2790.7	
TPF 96.00%	3147.5	1235.6	285.70	5567.1	3571.9	
TPF 95.00%	3841.5	1508.1	348.69	6794.6	4359.5	
TPF 90.00%	6418.8	2519.9	582.64	11353.	7284.4	
TPF 85.00%	8051.7	3160.9	730.86	14241.	9137.4	
TPF 80.00%	9492.2	3726.4	861.62	16789.	10772.	
TPF 75.00%	10975.	4308.7	996.24	19413.	12455.	
TPF 70.00%	12483.	4900.4	1133.1	22079.	14166.	
TPF 65.00%	14018.	5503.2	1272.4	24794.	15908.	
TPF 60.00%	15625.	6133.8	1418.2	27636.	17731.	
TPF 55.00%	17341.	6807.7	1574.1	30672.	19679.	
TPF 50.00%	19187.	7532.3	1741.6	33937.	21774.	
TPF 45.00%	21187.	8317.4	1923.1	37474.	24044.	
TPF 40.00%	23306.	9092.1	2134.9	41582.	26299.	
TPF 35.00%	25589.	9874.9	2380.9	46340.	28594.	
TPF 30.00%	28155.	10754.	2657.2	51684.	31172.	
TPF 25.00%	31121.	11771.	2976.7	57863.	34153.	
TPF 20.00%	34702.	12999.	3362.5	65325.	37753.	
TPF 15.00%	39138.	14513.	3844.6	74611.	42177.	
TPF 10.00%	45317.	16533.	4574.3	88171.	47887.	
TPF 5.00%	55824.	19969.	5814.9	0.11123E+06	57596.	
TPF 4.00%	59242.	21124.	6197.0	0.11844E+06	60957.	
TPF 3.00%	63730.	22684.	6672.6	0.12757E+06	65612.	
TPF 2.00%	69840.	24809.	7319.9	0.13999E+06	71948.	
TPF 1.00%	80100.	28376.	8407.2	0.16085E+06	82590.	
TPF 0.10%	0.11468E+06	39798.	12379.	0.23565E+06	0.11561E+06	
TPF 0.00%	0.89280E+07	0.25357E+07	0.12526E+07	0.21301E+08	0.75842E+07	

Rank 15 0.70% 21479. 15499.

Prob.	BOE (MBbl)	Oil (MBbl)	COil(MBbl)	Gas (MMcf)	SGas(MMcf)	
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Mean	0.70%	21479.	8432.3	1949.7	37992.	24376.
TPF 100.00%	426.39	167.39	38.703	754.17	483.88	
TPF 99.00%	1026.3	402.90	93.159	1815.3	1164.7	
TPF 98.00%	1631.1	640.35	148.06	2885.1	1851.1	
TPF 97.00%	2241.0	879.76	203.42	3963.7	2543.2	
TPF 96.00%	2855.9	1121.2	259.24	5051.4	3241.0	
TPF 95.00%	3476.1	1364.6	315.53	6148.3	3944.8	
TPF 90.00%	6089.2	2390.5	552.72	10770.	6910.3	
TPF 85.00%	7571.0	2972.2	687.22	13391.	8591.9	
TPF 80.00%	8927.8	3504.9	810.38	15791.	10132.	
TPF 75.00%	10278.	4034.8	932.92	18179.	11664.	
TPF 70.00%	11677.	4584.0	1059.9	20653.	13251.	
TPF 65.00%	13078.	5134.2	1187.1	23132.	14842.	

TPF	60.00%	14542.	5709.0	1320.0	25722.	16503.
TPF	55.00%	16100.	6320.3	1461.4	28476.	18271.
TPF	50.00%	17778.	6979.2	1613.7	31445.	20175.
TPF	45.00%	19601.	7695.0	1779.2	34669.	22244.
TPF	40.00%	21600.	8479.9	1960.7	38206.	24513.
TPF	35.00%	23726.	9236.2	2180.2	42458.	26722.
TPF	30.00%	26086.	10045.	2434.3	47374.	29093.
TPF	25.00%	28801.	10976.	2726.8	53030.	31822.
TPF	20.00%	32072.	12097.	3079.2	59846.	35110.
TPF	15.00%	36185.	13507.	3522.2	68414.	39243.
TPF	10.00%	41841.	15397.	4163.8	80543.	44675.
TPF	5.00%	51365.	18511.	5288.4	0.10144E+06	53476.
TPF	4.00%	54435.	19515.	5650.9	0.10818E+06	56313.
TPF	3.00%	58353.	20815.	6102.8	0.11663E+06	60035.
TPF	2.00%	64119.	22820.	6713.7	0.12836E+06	66015.
TPF	1.00%	73672.	26141.	7726.0	0.14778E+06	75923.
TPF	0.10%	0.10488E+06	36588.	11240.	0.21432E+06	0.10629E+06
TPF	0.00%	0.89280E+07	0.25357E+07	0.12526E+07	0.21301E+08	0.75842E+07

Rank 16 0.29% 20038. 14329.

Prob.	BOE (MBbl)	Oil (MBbl)	COil(MBbl)	Gas (MMcf)	SGas(MMcf)	
-----	-----	-----	-----	-----	-----	
Mean	0.29%	20038.	7866.3	1818.8	35442.	22740.
TPF	100.00%	426.39	167.39	38.703	754.17	483.88
TPF	99.00%	968.23	380.11	87.887	1712.6	1098.8
TPF	98.00%	1514.7	594.62	137.49	2679.0	1718.9
TPF	97.00%	2065.8	810.97	187.51	3653.8	2344.3
TPF	96.00%	2621.6	1029.2	237.96	4636.9	2975.1
TPF	95.00%	3182.3	1249.3	288.86	5628.7	3611.4
TPF	90.00%	5823.7	2286.2	528.62	10301.	6609.0
TPF	85.00%	7166.2	2813.3	650.48	12675.	8132.5
TPF	80.00%	8471.2	3325.6	768.94	14983.	9613.5
TPF	75.00%	9707.7	3811.0	881.18	17170.	11017.
TPF	70.00%	10985.	4312.6	997.15	19430.	12467.
TPF	65.00%	12303.	4830.0	1116.8	21762.	13962.
TPF	60.00%	13659.	5362.1	1239.8	24159.	15501.
TPF	55.00%	15083.	5921.3	1369.1	26678.	17117.
TPF	50.00%	16621.	6525.1	1508.7	29399.	18862.
TPF	45.00%	18295.	7182.3	1660.7	32360.	20762.
TPF	40.00%	20135.	7904.6	1827.7	35614.	22850.
TPF	35.00%	22180.	8706.5	2013.7	39238.	25169.
TPF	30.00%	24363.	9454.6	2248.8	43785.	27362.
TPF	25.00%	26881.	10318.	2520.0	49031.	29893.
TPF	20.00%	29874.	11344.	2842.4	55266.	32901.
TPF	15.00%	33703.	12656.	3254.8	63242.	36748.
TPF	10.00%	38873.	14426.	3813.3	74029.	41932.
TPF	5.00%	47514.	17252.	4833.6	92991.	49917.
TPF	4.00%	50423.	18203.	5177.2	99376.	52606.
TPF	3.00%	54066.	19394.	5607.4	0.10737E+06	55972.
TPF	2.00%	59170.	21099.	6189.3	0.11829E+06	60882.
TPF	1.00%	67996.	24168.	7124.6	0.13624E+06	70036.
TPF	0.10%	96640.	33860.	10297.	0.19653E+06	98419.
TPF	0.00%	0.89280E+07	0.25357E+07	0.12526E+07	0.21301E+08	0.75842E+07

Rank 17 0.12% 18815. 13330.

Prob.	BOE (MBbl)	Oil (MBbl)	COil(MBbl)	Gas (MMcf)	SGas(MMcf)	
----	-----	-----	-----	-----	-----	
Mean	0.12%	18815.	7386.3	1707.8	33279.	21352.
TPF 100.00%	426.39	167.39	38.703	754.17	483.88	
TPF 99.00%	920.67	361.43	83.570	1628.4	1044.8	
TPF 98.00%	1419.2	557.16	128.82	2510.2	1610.6	
TPF 97.00%	1922.1	754.59	174.47	3399.8	2181.3	
TPF 96.00%	2429.5	953.76	220.53	4297.1	2757.1	
TPF 95.00%	2941.4	1154.7	266.99	5202.5	3338.0	
TPF 90.00%	5571.9	2187.4	505.76	9855.3	6323.2	
TPF 85.00%	6833.3	2682.6	620.26	12086.	7754.7	
TPF 80.00%	8094.9	3177.9	734.78	14318.	9186.5	
TPF 75.00%	9228.2	3622.8	837.65	16322.	10473.	
TPF 70.00%	10413.	4088.1	945.24	18419.	11818.	
TPF 65.00%	11656.	4575.7	1058.0	20616.	13227.	
TPF 60.00%	12911.	5068.6	1171.9	22836.	14652.	
TPF 55.00%	14237.	5589.1	1292.3	25182.	16157.	
TPF 50.00%	15656.	6146.2	1421.1	27691.	17767.	
TPF 45.00%	17203.	6753.4	1561.5	30427.	19522.	
TPF 40.00%	18906.	7421.9	1716.1	33439.	21455.	
TPF 35.00%	20804.	8167.0	1888.3	36796.	23609.	
TPF 30.00%	22908.	8955.8	2092.0	40753.	25900.	
TPF 25.00%	25253.	9759.7	2344.7	45639.	28256.	
TPF 20.00%	28048.	10718.	2645.7	51462.	31065.	
TPF 15.00%	31574.	11926.	3025.5	58807.	34608.	
TPF 10.00%	36428.	13590.	3548.4	68920.	39487.	
TPF 5.00%	44475.	16258.	4474.8	86322.	47109.	
TPF 4.00%	46963.	17071.	4768.6	91782.	49408.	
TPF 3.00%	50357.	18182.	5169.4	99231.	52545.	
TPF 2.00%	55050.	19716.	5723.6	0.10953E+06	56882.	
TPF 1.00%	63213.	22505.	6617.8	0.12651E+06	65075.	
TPF 0.10%	89574.	31520.	9488.7	0.18127E+06	91669.	
TPF 0.00%	0.89280E+07	0.25357E+07	0.12526E+07	0.21301E+08	0.75842E+07	

Rank 18 0.04% 17752. 12450.

Prob.	BOE (MBbl)	Oil (MBbl)	COil(MBbl)	Gas (MMcf)	SGas(MMcf)	
-----	-----	-----	-----	-----	-----	
Mean	0.04%	17752.	6969.2	1611.4	31399.	20146.
TPF 100.00%	426.39	167.39	38.703	754.17	483.88	
TPF 99.00%	880.87	345.81	79.958	1558.0	999.65	
TPF 98.00%	1339.4	525.80	121.57	2369.0	1520.0	
TPF 97.00%	1801.9	707.39	163.56	3187.1	2044.9	
TPF 96.00%	2268.6	890.61	205.92	4012.6	2574.5	
TPF 95.00%	2739.6	1075.5	248.67	4845.6	3109.0	
TPF 90.00%	5160.9	2026.0	468.46	9128.3	5856.8	
TPF 85.00%	6553.6	2572.8	594.87	11592.	7437.3	
TPF 80.00%	7743.8	3040.0	702.91	13697.	8788.0	
TPF 75.00%	8824.1	3464.1	800.97	15608.	10014.	
TPF 70.00%	9930.8	3898.6	901.42	17565.	11270.	
TPF 65.00%	11079.	4349.4	1005.6	19596.	12573.	

TPF	60.00%	12275.	4818.8	1114.2	21711.	13930.
TPF	55.00%	13519.	5307.1	1227.1	23911.	15341.
TPF	50.00%	14834.	5823.7	1346.5	26238.	16835.
TPF	45.00%	16271.	6387.5	1476.9	28779.	18465.
TPF	40.00%	17854.	7009.0	1620.6	31579.	20261.
TPF	35.00%	19620.	7702.5	1781.0	34703.	22266.
TPF	30.00%	21624.	8489.0	1962.8	38247.	24540.
TPF	25.00%	23844.	9276.7	2192.9	42704.	26840.
TPF	20.00%	26459.	10173.	2474.6	48151.	29468.
TPF	15.00%	29728.	11293.	2826.6	54961.	32753.
TPF	10.00%	34273.	12851.	3316.2	64430.	37321.
TPF	5.00%	41746.	15365.	4152.5	80334.	44587.
TPF	4.00%	44101.	16136.	4430.7	85502.	46763.
TPF	3.00%	47053.	17101.	4779.2	91979.	49491.
TPF	2.00%	51451.	18539.	5298.6	0.10163E+06	53556.
TPF	1.00%	58784.	20965.	6148.4	0.11751E+06	60482.
TPF	0.10%	83182.	29403.	8757.0	0.16746E+06	85563.
TPF	0.00%	0.89280E+07	0.25357E+07	0.12526E+07	0.21301E+08	0.75842E+07

Rank 19 0.02% 16791. 11637.

Prob.	BOE (MBbl)	Oil (MBbl)	COil(MBbl)	Gas (MMcf)	SGas(MMcf)	
-----	-----	-----	-----	-----	-----	
Mean	0.02%	16791.	6591.8	1524.1	29699.	19055.
TPF	100.00%	426.39	167.39	38.703	754.17	483.88
TPF	99.00%	846.57	332.34	76.844	1497.4	960.72
TPF	98.00%	1270.5	498.77	115.32	2247.2	1441.8
TPF	97.00%	1698.2	666.69	154.15	3003.8	1927.2
TPF	96.00%	2129.9	836.13	193.33	3767.2	2417.1
TPF	95.00%	2565.4	1007.1	232.87	4537.6	2911.4
TPF	90.00%	4805.7	1886.6	436.22	8500.1	5453.7
TPF	85.00%	6311.5	2477.7	572.90	11163.	7162.5
TPF	80.00%	7414.0	2910.6	672.97	13113.	8413.7
TPF	75.00%	8473.1	3326.3	769.10	14987.	9615.6
TPF	70.00%	9500.7	3729.8	862.38	16804.	10782.
TPF	65.00%	10576.	4151.9	960.00	18706.	12002.
TPF	60.00%	11716.	4599.5	1063.5	20723.	13296.
TPF	55.00%	12874.	5054.0	1168.6	22771.	14610.
TPF	50.00%	14112.	5540.1	1281.0	24961.	16015.
TPF	45.00%	15448.	6064.7	1402.3	27324.	17532.
TPF	40.00%	16922.	6643.4	1536.1	29932.	19204.
TPF	35.00%	18569.	7289.7	1685.5	32843.	21073.
TPF	30.00%	20437.	8023.1	1855.1	36148.	23193.
TPF	25.00%	22578.	8842.9	2056.5	40067.	25569.
TPF	20.00%	25022.	9680.3	2319.7	45157.	28024.
TPF	15.00%	28079.	10728.	2649.1	51527.	31097.
TPF	10.00%	32283.	12169.	3101.9	60284.	35321.
TPF	5.00%	39180.	14526.	3849.5	74703.	42216.
TPF	4.00%	41396.	15251.	4111.3	79567.	44264.
TPF	3.00%	44178.	16161.	4439.7	85670.	46834.
TPF	2.00%	48001.	17411.	4891.1	94059.	50367.
TPF	1.00%	54810.	19638.	5695.2	0.10900E+06	56659.
TPF	0.10%	77183.	27362.	8098.1	0.15492E+06	79565.
TPF	0.00%	0.89280E+07	0.25357E+07	0.12526E+07	0.21301E+08	0.75842E+07

Rank 20 0.01% 15853. 10824.

Prob.	BOE (MBbl)	Oil (MBbl)	COil(MBbl)	Gas (MMcf)	SGas(MMcf)	
----	-----	-----	-----	-----	-----	
Mean	0.01%	15853.	6223.6	1439.0	28040.	17991.
TPF	100.00%	426.39	167.39	38.703	754.17	483.88
TPF	99.00%	815.31	320.07	74.007	1442.1	925.25
TPF	98.00%	1207.7	474.12	109.62	2136.1	1370.6
TPF	97.00%	1603.7	629.56	145.57	2836.5	1819.9
TPF	96.00%	2003.2	786.42	181.83	3543.2	2273.3
TPF	95.00%	2406.5	944.72	218.44	4256.4	2731.0
TPF	90.00%	4480.6	1759.0	406.71	7925.0	5084.8
TPF	85.00%	6089.3	2390.5	552.73	10770.	6910.4
TPF	80.00%	7110.4	2791.4	645.42	12577.	8069.2
TPF	75.00%	8149.1	3199.1	739.70	14414.	9247.9
TPF	70.00%	9101.1	3572.9	826.12	16098.	10328.
TPF	65.00%	10109.	3968.5	917.58	17880.	11472.
TPF	60.00%	11165.	4383.2	1013.5	19748.	12671.
TPF	55.00%	12270.	4817.0	1113.8	21703.	13925.
TPF	50.00%	13431.	5272.5	1219.1	23755.	15242.
TPF	45.00%	14671.	5759.4	1331.7	25949.	16649.
TPF	40.00%	16037.	6295.7	1455.7	28365.	18199.
TPF	35.00%	17562.	6894.5	1594.1	31063.	19930.
TPF	30.00%	19293.	7574.1	1751.3	34125.	21895.
TPF	25.00%	21301.	8362.1	1933.5	37675.	24173.
TPF	20.00%	23613.	9197.5	2168.0	42222.	26608.
TPF	15.00%	26447.	10169.	2473.3	48126.	29456.
TPF	10.00%	30288.	11486.	2887.1	56129.	33317.
TPF	5.00%	36676.	13675.	3575.2	69437.	39737.
TPF	4.00%	38637.	14347.	3786.3	73522.	41707.
TPF	3.00%	41227.	15196.	4091.3	79196.	44108.
TPF	2.00%	44763.	16352.	4508.8	86955.	47375.
TPF	1.00%	50835.	18338.	5225.8	0.10028E+06	52986.
TPF	0.10%	71183.	25276.	7462.3	0.14272E+06	73341.
TPF	0.00%	0.89280E+07	0.25357E+07	0.12526E+07	0.21301E+08	0.75842E+07

Rank 21 0.00% 14811. 9928.0

Prob.	BOE (MBbl)	Oil (MBbl)	COil(MBbl)	Gas (MMcf)	SGas(MMcf)	
-----	-----	-----	-----	-----	-----	
Mean	0.00%	14811.	5814.5	1344.4	26197.	16808.
TPF	100.00%	426.39	167.39	38.703	754.17	483.88
TPF	99.00%	782.93	307.36	71.067	1384.8	888.51
TPF	98.00%	1142.6	448.57	103.72	2021.0	1296.7
TPF	97.00%	1505.5	591.04	136.66	2662.9	1708.6
TPF	96.00%	1871.7	734.80	169.90	3310.6	2124.1
TPF	95.00%	2241.2	879.86	203.44	3964.2	2543.5
TPF	90.00%	4141.2	1625.8	375.90	7324.8	4699.7
TPF	85.00%	5856.4	2299.1	531.59	10358.	6646.0
TPF	80.00%	6790.5	2665.8	616.38	12011.	7706.1
TPF	75.00%	7776.8	3053.0	705.91	13755.	8825.5
TPF	70.00%	8675.5	3405.8	787.48	15345.	9845.3
TPF	65.00%	9600.9	3769.1	871.48	16981.	10895.

TPF	60.00%	10572.	4150.1	959.59	18698.	11997.
TPF	55.00%	11607.	4556.8	1053.6	20531.	13173.
TPF	50.00%	12672.	4974.8	1150.3	22414.	14381.
TPF	45.00%	13818.	5424.7	1254.3	24441.	15681.
TPF	40.00%	15060.	5912.1	1367.0	26637.	17090.
TPF	35.00%	16445.	6456.0	1492.7	29087.	18663.
TPF	30.00%	18017.	7073.1	1635.4	31867.	20446.
TPF	25.00%	19839.	7788.3	1800.8	35090.	22514.
TPF	20.00%	22017.	8643.3	1998.5	38942.	24986.
TPF	15.00%	24600.	9535.8	2274.3	44278.	27600.
TPF	10.00%	28096.	10734.	2651.0	51563.	31114.
TPF	5.00%	33866.	12712.	3272.4	63582.	36912.
TPF	4.00%	35666.	13329.	3466.3	67333.	38721.
TPF	3.00%	37934.	14106.	3710.7	72058.	41001.
TPF	2.00%	41160.	15174.	4083.3	79048.	44045.
TPF	1.00%	46497.	16919.	4713.6	90760.	48977.
TPF	0.10%	64811.	23060.	6787.1	0.12976E+06	66733.
TPF	0.00%	0.89280E+07	0.25357E+07	0.12526E+07	0.21301E+08	0.75842E+07

Rank 22 0.00% 13434. 8856.2

	Prob.	BOE (MBbl)	Oil (MBbl)	COil(MBbl)	Gas (MMcf)	SGas(MMcf)
Mean	0.00%	13434.	5274.0	1219.4	23762.	15246.
TPF	100.00%	426.39	167.39	38.703	754.17	483.88
TPF	99.00%	739.20	290.19	67.097	1307.4	838.87
TPF	98.00%	1054.6	414.02	95.728	1865.3	1196.8
TPF	97.00%	1372.7	538.89	124.60	2428.0	1557.8
TPF	96.00%	1693.5	664.83	153.72	2995.4	1921.9
TPF	95.00%	2017.1	791.85	183.09	3567.7	2289.0
TPF	90.00%	3678.6	1444.1	333.90	6506.4	4174.6
TPF	85.00%	5418.8	2127.3	491.87	9584.4	6149.5
TPF	80.00%	6351.1	2493.3	576.49	11233.	7207.5
TPF	75.00%	7208.9	2830.1	654.36	12751.	8181.0
TPF	70.00%	8088.7	3175.4	734.21	14307.	9179.4
TPF	65.00%	8891.6	3490.6	807.09	15727.	10091.
TPF	60.00%	9749.4	3827.4	884.96	17244.	11064.
TPF	55.00%	10651.	4181.2	966.76	18838.	12087.
TPF	50.00%	11622.	4562.6	1055.0	20557.	13189.
TPF	45.00%	12629.	4957.9	1146.4	22338.	14332.
TPF	40.00%	13726.	5388.7	1246.0	24279.	15577.
TPF	35.00%	14930.	5861.1	1355.2	26407.	16943.
TPF	30.00%	16297.	6397.8	1479.3	28825.	18495.
TPF	25.00%	17886.	7021.6	1623.5	31635.	20298.
TPF	20.00%	19792.	7769.7	1796.5	35006.	22460.
TPF	15.00%	22188.	8709.2	2014.5	39254.	25176.
TPF	10.00%	25282.	9769.8	2347.8	45700.	28286.
TPF	5.00%	30343.	11504.	2892.9	56242.	33371.
TPF	4.00%	31966.	12061.	3067.8	59625.	35003.
TPF	3.00%	34021.	12765.	3289.2	63906.	37068.
TPF	2.00%	36848.	13734.	3593.7	69796.	39909.
TPF	1.00%	41655.	15336.	4141.9	80135.	44503.
TPF	0.10%	57544.	20533.	6017.0	0.11499E+06	59195.
TPF	0.00%	0.89280E+07	0.25357E+07	0.12526E+07	0.21301E+08	0.75842E+07

Rank 23 0.00% 11315. 7545.1

Prob.	BOE (MBbl)	Oil (MBbl)	COil(MBbl)	Gas (MMcf)	SGas(MMcf)	
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Mean	0.00%	11315.	4442.1	1027.1	20014.	12841.
TPF	100.00%	426.39	167.39	38.703	754.17	483.88
TPF	99.00%	653.83	256.68	59.349	1156.5	741.99
TPF	98.00%	883.48	346.84	80.194	1562.7	1002.6
TPF	97.00%	1115.4	437.88	101.25	1972.8	1265.8
TPF	96.00%	1349.6	529.82	122.50	2387.1	1531.6
TPF	95.00%	1586.1	622.68	143.98	2805.5	1800.0
TPF	90.00%	2805.8	1101.5	254.69	4962.8	3184.2
TPF	85.00%	4092.1	1606.5	371.44	7237.9	4643.9
TPF	80.00%	5452.9	2140.7	494.97	9644.9	6188.2
TPF	75.00%	6195.6	2432.3	562.38	10958.	7031.1
TPF	70.00%	6881.0	2701.3	624.59	12171.	7808.9
TPF	65.00%	7614.9	2989.4	691.21	13469.	8641.8
TPF	60.00%	8328.5	3269.6	755.98	14731.	9451.5
TPF	55.00%	9040.5	3549.1	820.61	15990.	10260.
TPF	50.00%	9817.3	3854.0	891.12	17364.	11141.
TPF	45.00%	10651.	4181.4	966.82	18839.	12087.
TPF	40.00%	11577.	4545.0	1050.9	20477.	13138.
TPF	35.00%	12571.	4935.1	1141.1	22235.	14266.
TPF	30.00%	13695.	5376.4	1243.1	24223.	15542.
TPF	25.00%	14990.	5884.6	1360.6	26513.	17011.
TPF	20.00%	16560.	6501.0	1503.2	29290.	18793.
TPF	15.00%	18562.	7287.0	1684.9	32831.	21065.
TPF	10.00%	21342.	8378.2	1937.2	37748.	24219.
TPF	5.00%	25766.	9935.6	2400.0	46709.	28772.
TPF	4.00%	27148.	10409.	2548.8	49587.	30161.
TPF	3.00%	28910.	11013.	2738.6	53257.	31931.
TPF	2.00%	31390.	11863.	3005.7	58423.	34423.
TPF	1.00%	35605.	13308.	3459.7	67204.	38659.
TPF	0.10%	49452.	17885.	5062.5	97244.	51708.
TPF	0.00%	0.89280E+07	0.25357E+07	0.12526E+07	0.21301E+08	0.75842E+07