

GEOLOGIC ECONOMIC RESOURCE MODEL MODULE PSRK

Geologic Economic Resource Model (Ver 8.29.2005)

The Current UAI AAAAABAG is for

World Level - World Level Resources
Country Level - UNITED STATES OF AMERICA
Region Level - MMS - ALASKA REGION
Basin Level - BEAUFORT SHELF
Play Level - Play 05 - Lisburne Play
Geologist Peter Johnson
Remarks Play 05 2005 Assessment
Run date Date 16-SEP-05 Time 08:52:05

USER SUPPLIED PARAMETERS

RECOVERABLE RESOURCES? > R

B) Pool Size Distribution

Z PROB.

EXPECTATION = 74998.

S.D. = 0.21728E+06

MU = 9.4832

SIG.SQ. = 3.9776

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

| Mean | % | 74998. | 57220. | 536.98 | 29947. | 66952. |
|-------------|--------|--------|-------------|--------|--------|--------|
| TPF 100.00% | 2.3958 | 1.8735 | 0.20458E-01 | 1.1793 | 1.6409 | |
| TPF 99.00% | 100.71 | 78.757 | 0.86000 | 49.573 | 68.979 | |
| TPF 98.00% | 197.97 | 154.81 | 1.6905 | 97.444 | 135.59 | |
| TPF 97.00% | 292.08 | 228.40 | 2.4941 | 143.77 | 200.05 | |
| TPF 96.00% | 391.09 | 305.84 | 3.3396 | 192.51 | 267.86 | |
| TPF 95.00% | 491.76 | 384.56 | 4.1993 | 242.06 | 336.81 | |
| TPF 90.00% | 1035.9 | 810.06 | 8.8456 | 509.89 | 709.49 | |
| TPF 85.00% | 1694.4 | 1322.5 | 14.505 | 814.44 | 1193.8 | |
| TPF 80.00% | 2480.0 | 1934.0 | 21.257 | 1177.8 | 1771.6 | |
| TPF 75.00% | 3468.2 | 2703.7 | 29.388 | 1637.7 | 2493.9 | |
| TPF 70.00% | 4650.9 | 3624.8 | 39.120 | 2188.0 | 3358.4 | |
| TPF 65.00% | 6127.8 | 4767.9 | 50.617 | 2829.7 | 4528.2 | |
| TPF 60.00% | 7956.9 | 6183.6 | 64.856 | 3624.4 | 5977.1 | |
| TPF 55.00% | 10253. | 8002.9 | 84.929 | 4671.0 | 7496.9 | |
| TPF 50.00% | 13177. | 10320. | 110.49 | 6003.8 | 9432.5 | |
| TPF 45.00% | 16936. | 13162. | 138.74 | 7526.0 | 12907. | |
| TPF 40.00% | 22069. | 17042. | 177.31 | 9604.4 | 17652. | |
| TPF 35.00% | 28795. | 22462. | 231.36 | 12901. | 21393. | |
| TPF 30.00% | 38452. | 30244. | 308.96 | 17634. | 26763. | |

| | | | | | | |
|-----|--------|-------------|-------------|--------|-------------|-------------|
| TPF | 25.00% | 52346. | 40447. | 393.21 | 22189. | 42473. |
| TPF | 20.00% | 73576. | 56039. | 521.95 | 29149. | 66477. |
| TPF | 15.00% | 0.10868E+06 | 85179. | 892.95 | 48852. | 78197. |
| TPF | 10.00% | 0.17703E+06 | 0.14192E+06 | 1615.3 | 87217. | 0.10102E+06 |
| TPF | 5.00% | 0.34281E+06 | 0.26706E+06 | 2575.2 | 0.13899E+06 | 0.27223E+06 |
| TPF | 4.00% | 0.41567E+06 | 0.32207E+06 | 2997.1 | 0.16174E+06 | 0.34748E+06 |
| TPF | 3.00% | 0.51557E+06 | 0.39748E+06 | 3575.5 | 0.19293E+06 | 0.45065E+06 |
| TPF | 2.00% | 0.67984E+06 | 0.52148E+06 | 4526.7 | 0.24423E+06 | 0.62031E+06 |
| TPF | 1.00% | 0.99265E+06 | 0.75762E+06 | 6337.9 | 0.34191E+06 | 0.94337E+06 |
| TPF | 0.10% | 0.25494E+07 | 0.19328E+07 | 15352. | 0.82805E+06 | 0.25512E+07 |
| TPF | 0.00% | 0.92342E+07 | 0.69790E+07 | 54058. | 0.29155E+07 | 0.94550E+07 |

C) No.of Pools Distribution

Lower Support = 0
Upper Support = 18
Expectation = 2.42
Standard Deviation= 2.82

Rank 1 49.75% 0.28690E+06 0.57066E+06

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

Mean 49.75% 0.28690E+06 0.22486E+06 2251.5 0.12153E+06 0.21449E+06
TPF 100.00% 2.3958 1.8735 0.20458E-01 1.1793 1.6409
TPF 99.00% 2313.9 1804.7 19.829 1100.9 1649.4
TPF 98.00% 4204.8 3277.4 35.449 1980.4 3032.3
TPF 97.00% 5911.7 4600.7 48.935 2735.9 4357.1
TPF 96.00% 7562.4 5878.2 61.785 3453.0 5664.6
TPF 95.00% 9183.2 7155.3 75.577 4183.4 6788.8
TPF 90.00% 16896. 13132. 138.44 7509.8 12871.
TPF 85.00% 25406. 19731. 204.13 11240. 19508.
TPF 80.00% 34496. 27056. 277.17 15695. 24563.
TPF 75.00% 44727. 34852. 347.01 19691. 33858.
TPF 70.00% 55801. 42985. 414.16 23321. 46379.
TPF 65.00% 68669. 52435. 492.20 27540. 60929.
TPF 60.00% 84013. 64703. 632.26 35007. 69962.
TPF 55.00% 0.10046E+06 78360. 806.14 44242. 75455.
TPF 50.00% 0.12147E+06 95799. 1028.2 56033. 82469.
TPF 45.00% 0.14762E+06 0.11750E+06 1304.5 70709. 91198.
TPF 40.00% 0.17157E+06 0.13739E+06 1557.7 84154. 99195.
TPF 35.00% 0.21740E+06 0.17240E+06 1849.1 99826. 0.14272E+06
TPF 30.00% 0.26718E+06 0.20998E+06 2137.4 0.11537E+06 0.19413E+06
TPF 25.00% 0.31365E+06 0.24505E+06 2406.4 0.12988E+06 0.24212E+06
TPF 20.00% 0.37447E+06 0.29096E+06 2758.5 0.14887E+06 0.30493E+06
TPF 15.00% 0.48275E+06 0.37270E+06 3385.5 0.18269E+06 0.41676E+06
TPF 10.00% 0.65357E+06 0.50165E+06 4374.6 0.23603E+06 0.59318E+06
TPF 5.00% 0.97624E+06 0.74523E+06 6242.9 0.33679E+06 0.92642E+06
TPF 4.00% 0.12733E+07 0.96947E+06 7962.9 0.42955E+06 0.12332E+07
TPF 3.00% 0.16410E+07 0.12470E+07 10092. 0.54436E+06 0.16129E+07
TPF 2.00% 0.20050E+07 0.15218E+07 12200. 0.65804E+06 0.19889E+07
TPF 1.00% 0.23655E+07 0.17939E+07 14287. 0.77060E+06 0.23612E+07
TPF 0.10% 0.78608E+07 0.59422E+07 46105. 0.24866E+07 0.80365E+07
TPF 0.00% 0.92342E+07 0.69790E+07 54058. 0.29155E+07 0.94550E+07

Rank 2 48.26% 68646. 0.11297E+06

| Prob. | BOE (MBbl) | Oil (MBbl) | COil(MBbl) | Gas (MMcf) | SGas(MMcf) | |
|-------------|-------------|-------------|-------------|-------------|-------------|--------|
| ---- | ----- | ----- | ----- | ----- | ----- | |
| Mean | 48.26% | 68646. | 52418. | 492.05 | 27532. | 60902. |
| TPF 100.00% | 2.3958 | 1.8735 | 0.20458E-01 | 1.1793 | 1.6409 | |
| TPF 99.00% | 509.63 | 398.54 | 4.3519 | 250.86 | 349.05 | |
| TPF 98.00% | 970.19 | 758.70 | 8.2847 | 477.55 | 664.50 | |
| TPF 97.00% | 1430.3 | 1117.0 | 12.235 | 692.29 | 999.54 | |
| TPF 96.00% | 1872.3 | 1461.0 | 16.035 | 896.74 | 1324.7 | |
| TPF 95.00% | 2310.4 | 1802.0 | 19.800 | 1099.4 | 1646.9 | |
| TPF 90.00% | 4557.5 | 3552.1 | 38.351 | 2144.6 | 3290.1 | |
| TPF 85.00% | 6957.9 | 5410.4 | 57.079 | 3190.4 | 5185.8 | |
| TPF 80.00% | 9490.9 | 7399.1 | 78.267 | 4323.6 | 6992.5 | |
| TPF 75.00% | 12257. | 9590.6 | 102.45 | 5584.2 | 8823.2 | |
| TPF 70.00% | 15315. | 11936. | 126.56 | 6869.5 | 11409. | |
| TPF 65.00% | 18765. | 14544. | 152.49 | 8266.6 | 14598. | |
| TPF 60.00% | 22557. | 17435. | 181.23 | 9843.6 | 17923. | |
| TPF 55.00% | 27008. | 21022. | 217.00 | 12025. | 20399. | |
| TPF 50.00% | 32216. | 25218. | 258.84 | 14577. | 23295. | |
| TPF 45.00% | 37891. | 29792. | 304.45 | 17359. | 26451. | |
| TPF 40.00% | 45477. | 35402. | 351.55 | 19937. | 34706. | |
| TPF 35.00% | 53458. | 41264. | 399.95 | 22553. | 43729. | |
| TPF 30.00% | 64856. | 49635. | 469.07 | 26290. | 56617. | |
| TPF 25.00% | 77923. | 59647. | 567.90 | 31589. | 67928. | |
| TPF 20.00% | 96936. | 75431. | 768.85 | 42261. | 74277. | |
| TPF 15.00% | 0.12425E+06 | 98107. | 1057.6 | 57594. | 83397. | |
| TPF 10.00% | 0.16577E+06 | 0.13257E+06 | 1496.4 | 80900. | 97259. | |
| TPF 5.00% | 0.26793E+06 | 0.21054E+06 | 2141.7 | 0.11560E+06 | 0.19490E+06 | |
| TPF 4.00% | 0.29605E+06 | 0.23177E+06 | 2304.5 | 0.12439E+06 | 0.22395E+06 | |
| TPF 3.00% | 0.32710E+06 | 0.25520E+06 | 2484.3 | 0.13408E+06 | 0.25601E+06 | |
| TPF 2.00% | 0.38671E+06 | 0.30021E+06 | 2829.5 | 0.15270E+06 | 0.31758E+06 | |
| TPF 1.00% | 0.51092E+06 | 0.39397E+06 | 3548.6 | 0.19148E+06 | 0.44585E+06 | |
| TPF 0.10% | 0.11087E+07 | 0.84522E+06 | 7009.9 | 0.37815E+06 | 0.10632E+07 | |
| TPF 0.00% | 0.92342E+07 | 0.69790E+07 | 54058. | 0.29155E+07 | 0.94550E+07 | |

Rank 3 44.09% 27330. 43902.

| Prob. | BOE (MBbl) | Oil (MBbl) | COil(MBbl) | Gas (MMcf) | SGas(MMcf) | |
|-------------|------------|------------|-------------|------------|------------|--------|
| ----- | ----- | ----- | ----- | ----- | ----- | |
| Mean | 44.09% | 27330. | 21281. | 219.58 | 12183. | 20578. |
| TPF 100.00% | 2.3958 | 1.8735 | 0.20458E-01 | 1.1793 | 1.6409 | |
| TPF 99.00% | 189.63 | 148.29 | 1.6193 | 93.343 | 129.88 | |
| TPF 98.00% | 363.55 | 284.30 | 3.1045 | 178.95 | 249.00 | |
| TPF 97.00% | 539.17 | 421.63 | 4.6041 | 265.39 | 369.28 | |
| TPF 96.00% | 716.62 | 560.40 | 6.1194 | 352.74 | 490.82 | |
| TPF 95.00% | 886.00 | 692.86 | 7.5657 | 436.11 | 606.83 | |
| TPF 90.00% | 1776.7 | 1386.6 | 15.212 | 852.49 | 1254.3 | |
| TPF 85.00% | 2748.8 | 2143.3 | 23.469 | 1302.9 | 1968.0 | |
| TPF 80.00% | 3817.3 | 2975.5 | 32.260 | 1800.1 | 2749.0 | |
| TPF 75.00% | 4968.6 | 3870.8 | 41.594 | 2326.1 | 3610.1 | |
| TPF 70.00% | 6235.0 | 4850.9 | 51.452 | 2876.3 | 4613.2 | |
| TPF 65.00% | 7671.7 | 5962.9 | 62.636 | 3500.5 | 5751.2 | |

| | | | | | | |
|-----|--------|-------------|-------------|--------|-------------|-------------|
| TPF | 60.00% | 9300.7 | 7248.4 | 76.605 | 4236.9 | 6866.6 |
| TPF | 55.00% | 11109. | 8681.5 | 92.416 | 5061.3 | 8063.7 |
| TPF | 50.00% | 13106. | 10264. | 109.87 | 5971.4 | 9385.4 |
| TPF | 45.00% | 15589. | 12143. | 128.62 | 6980.3 | 11662. |
| TPF | 40.00% | 18464. | 14317. | 150.23 | 8144.7 | 14320. |
| TPF | 35.00% | 21822. | 16855. | 175.45 | 9504.2 | 17423. |
| TPF | 30.00% | 26188. | 20361. | 210.41 | 11623. | 19943. |
| TPF | 25.00% | 31597. | 24719. | 253.87 | 14274. | 22951. |
| TPF | 20.00% | 38452. | 30243. | 308.96 | 17634. | 26763. |
| TPF | 15.00% | 49101. | 38064. | 373.53 | 21125. | 38803. |
| TPF | 10.00% | 65865. | 50375. | 475.19 | 26621. | 57758. |
| TPF | 5.00% | 99470. | 77534. | 795.63 | 43683. | 75122. |
| TPF | 4.00% | 0.10987E+06 | 86169. | 905.56 | 49522. | 78595. |
| TPF | 3.00% | 0.13173E+06 | 0.10431E+06 | 1136.6 | 61791. | 85893. |
| TPF | 2.00% | 0.15807E+06 | 0.12618E+06 | 1415.0 | 76576. | 94688. |
| TPF | 1.00% | 0.21743E+06 | 0.17242E+06 | 1849.3 | 99834. | 0.14274E+06 |
| TPF | 0.10% | 0.42977E+06 | 0.33271E+06 | 3078.7 | 0.16614E+06 | 0.36204E+06 |
| TPF | 0.00% | 0.92342E+07 | 0.69790E+07 | 54058. | 0.29155E+07 | 0.94550E+07 |

Rank 4 36.64% 13672. 21636.

| Prob. | BOE (MBbl) | Oil (MBbl) | COil(MBbl) | Gas (MMcf) | SGas(MMcf) | |
|-------------|-------------|-------------|-------------|-------------|-------------|--------|
| ----- | ----- | ----- | ----- | ----- | ----- | |
| Mean | 36.64% | 13672. | 10694. | 114.22 | 6204.3 | 9890.3 |
| TPF 100.00% | 2.3958 | 1.8735 | 0.20458E-01 | 1.1793 | 1.6409 | |
| TPF 99.00% | 95.580 | 74.744 | 0.81618 | 47.047 | 65.464 | |
| TPF 98.00% | 186.17 | 145.59 | 1.5898 | 91.640 | 127.51 | |
| TPF 97.00% | 272.66 | 213.22 | 2.3283 | 134.21 | 186.75 | |
| TPF 96.00% | 360.75 | 282.11 | 3.0805 | 177.57 | 247.08 | |
| TPF 95.00% | 449.39 | 351.42 | 3.8374 | 221.20 | 307.79 | |
| TPF 90.00% | 906.95 | 709.24 | 7.7446 | 446.42 | 621.18 | |
| TPF 85.00% | 1402.6 | 1095.5 | 11.997 | 679.50 | 979.19 | |
| TPF 80.00% | 1937.0 | 1511.4 | 16.590 | 926.65 | 1372.2 | |
| TPF 75.00% | 2507.4 | 1955.3 | 21.483 | 1190.5 | 1791.6 | |
| TPF 70.00% | 3192.4 | 2488.8 | 27.119 | 1509.3 | 2292.3 | |
| TPF 65.00% | 3934.7 | 3067.0 | 33.227 | 1854.8 | 2834.9 | |
| TPF 60.00% | 4730.6 | 3686.6 | 39.741 | 2222.7 | 3421.6 | |
| TPF 55.00% | 5691.5 | 4430.2 | 47.221 | 2640.2 | 4182.7 | |
| TPF 50.00% | 6770.4 | 5265.3 | 55.619 | 3108.9 | 5037.2 | |
| TPF 45.00% | 7955.8 | 6182.8 | 64.848 | 3624.0 | 5976.2 | |
| TPF 40.00% | 9460.5 | 7375.0 | 78.002 | 4309.8 | 6972.4 | |
| TPF 35.00% | 11202. | 8755.1 | 93.229 | 5103.7 | 8125.3 | |
| TPF 30.00% | 13244. | 10371. | 111.00 | 6030.9 | 9494.3 | |
| TPF 25.00% | 15985. | 12442. | 131.59 | 7140.6 | 12028. | |
| TPF 20.00% | 19660. | 15221. | 159.21 | 8628.9 | 15425. | |
| TPF 15.00% | 24771. | 19219. | 199.02 | 10928. | 19155. | |
| TPF 10.00% | 32901. | 25770. | 264.35 | 14913. | 23676. | |
| TPF 5.00% | 49322. | 38226. | 374.87 | 21197. | 39053. | |
| TPF 4.00% | 55334. | 42642. | 411.33 | 23168. | 45851. | |
| TPF 3.00% | 64203. | 49155. | 465.11 | 26076. | 55879. | |
| TPF 2.00% | 76214. | 58229. | 549.83 | 30629. | 67358. | |
| TPF 1.00% | 0.10172E+06 | 79406. | 819.46 | 44949. | 75875. | |
| TPF 0.10% | 0.22951E+06 | 0.18154E+06 | 1919.2 | 0.10361E+06 | 0.15522E+06 | |
| TPF 0.00% | 0.92342E+07 | 0.69790E+07 | 54058. | 0.29155E+07 | 0.94550E+07 | |

Rank 5 27.06% 7979.2 12281.

| Prob. | BOE (MBbl) | Oil (MBbl) | COil(MBbl) | Gas (MMcf) | SGas(MMcf) | |
|-------------|-------------|-------------|-------------|-------------|-------------|--------|
| ----- | ----- | ----- | ----- | ----- | ----- | |
| Mean | 27.06% | 7979.2 | 6201.3 | 65.051 | 3634.6 | 5991.9 |
| TPF 100.00% | 2.3958 | 1.8735 | 0.20458E-01 | 1.1793 | 1.6409 | |
| TPF 99.00% | 58.441 | 45.701 | 0.49904 | 28.766 | 40.027 | |
| TPF 98.00% | 114.10 | 89.229 | 0.97434 | 56.164 | 78.150 | |
| TPF 97.00% | 169.08 | 132.22 | 1.4438 | 83.227 | 115.81 | |
| TPF 96.00% | 223.01 | 174.40 | 1.9043 | 109.77 | 152.74 | |
| TPF 95.00% | 275.81 | 215.68 | 2.3552 | 135.76 | 188.90 | |
| TPF 90.00% | 557.52 | 435.98 | 4.7608 | 274.43 | 381.85 | |
| TPF 85.00% | 855.63 | 669.10 | 7.3064 | 421.16 | 586.03 | |
| TPF 80.00% | 1175.1 | 918.39 | 10.042 | 574.26 | 811.86 | |
| TPF 75.00% | 1530.5 | 1195.0 | 13.097 | 738.64 | 1073.2 | |
| TPF 70.00% | 1922.4 | 1500.0 | 16.465 | 919.91 | 1361.5 | |
| TPF 65.00% | 2347.5 | 1830.8 | 20.118 | 1116.5 | 1674.1 | |
| TPF 60.00% | 2852.3 | 2223.9 | 24.321 | 1351.0 | 2043.7 | |
| TPF 55.00% | 3398.7 | 2649.5 | 28.816 | 1605.3 | 2443.1 | |
| TPF 50.00% | 4051.8 | 3158.2 | 34.190 | 1909.3 | 2920.5 | |
| TPF 45.00% | 4757.7 | 3707.5 | 39.951 | 2234.4 | 3443.0 | |
| TPF 40.00% | 5642.4 | 4392.3 | 46.839 | 2618.9 | 4143.8 | |
| TPF 35.00% | 6672.0 | 5189.1 | 54.853 | 3066.2 | 4959.3 | |
| TPF 30.00% | 7883.9 | 6127.1 | 64.288 | 3592.7 | 5919.3 | |
| TPF 25.00% | 9501.8 | 7407.7 | 78.363 | 4328.6 | 6999.7 | |
| TPF 20.00% | 11590. | 9062.6 | 96.621 | 5280.5 | 8382.1 | |
| TPF 15.00% | 14498. | 11318. | 120.42 | 6538.5 | 10653. | |
| TPF 10.00% | 19157. | 14841. | 155.43 | 8425.3 | 14960. | |
| TPF 5.00% | 28273. | 22041. | 227.16 | 12645. | 21102. | |
| TPF 4.00% | 31958. | 25010. | 256.77 | 14451. | 23151. | |
| TPF 3.00% | 36584. | 28738. | 293.94 | 16718. | 25724. | |
| TPF 2.00% | 44149. | 34427. | 343.50 | 19501. | 33204. | |
| TPF 1.00% | 58346. | 44854. | 429.59 | 24156. | 49256. | |
| TPF 0.10% | 0.12398E+06 | 97878. | 1054.6 | 57439. | 83305. | |
| TPF 0.00% | 0.92342E+07 | 0.69790E+07 | 54058. | 0.29155E+07 | 0.94550E+07 | |

Rank 6 17.59% 5212.6 7762.8

| Prob. | BOE (MBbl) | Oil (MBbl) | COil(MBbl) | Gas (MMcf) | SGas(MMcf) | |
|-------|------------|------------|------------|-------------|------------|--------|
| ----- | ----- | ----- | ----- | ----- | ----- | |
| Mean | 17.59% | 5212.6 | 4059.6 | 43.493 | 2432.1 | 3803.3 |
| TPF | 100.00% | 2.3958 | 1.8735 | 0.20458E-01 | 1.1793 | 1.6409 |
| TPF | 99.00% | 40.657 | 31.794 | 0.34718 | 20.012 | 27.846 |
| TPF | 98.00% | 78.978 | 61.761 | 0.67441 | 38.875 | 54.093 |
| TPF | 97.00% | 117.18 | 91.638 | 1.0006 | 57.680 | 80.260 |
| TPF | 96.00% | 155.22 | 121.38 | 1.3254 | 76.403 | 106.31 |
| TPF | 95.00% | 193.32 | 151.18 | 1.6508 | 95.160 | 132.41 |
| TPF | 90.00% | 383.51 | 299.91 | 3.2749 | 188.78 | 262.67 |
| TPF | 85.00% | 591.72 | 462.73 | 5.0529 | 291.26 | 405.28 |
| TPF | 80.00% | 812.05 | 635.03 | 6.9343 | 399.71 | 556.18 |
| TPF | 75.00% | 1036.4 | 810.44 | 8.8497 | 510.11 | 709.84 |
| TPF | 70.00% | 1313.4 | 1026.1 | 11.231 | 638.24 | 913.59 |
| TPF | 65.00% | 1597.3 | 1247.0 | 13.670 | 769.52 | 1122.4 |

| | | | | | | |
|-----|--------|-------------|-------------|--------|-------------|-------------|
| TPF | 60.00% | 1926.9 | 1503.5 | 16.503 | 921.97 | 1364.8 |
| TPF | 55.00% | 2287.0 | 1783.7 | 19.598 | 1088.5 | 1629.6 |
| TPF | 50.00% | 2707.8 | 2111.4 | 23.131 | 1283.8 | 1938.1 |
| TPF | 45.00% | 3199.9 | 2494.7 | 27.181 | 1512.8 | 2297.8 |
| TPF | 40.00% | 3768.1 | 2937.2 | 31.856 | 1777.2 | 2713.1 |
| TPF | 35.00% | 4429.0 | 3452.0 | 37.294 | 2084.8 | 3196.2 |
| TPF | 30.00% | 5263.6 | 4099.1 | 43.890 | 2454.3 | 3843.8 |
| TPF | 25.00% | 6265.7 | 4874.7 | 51.691 | 2889.7 | 4637.5 |
| TPF | 20.00% | 7622.4 | 5924.7 | 62.252 | 3479.1 | 5712.2 |
| TPF | 15.00% | 9520.7 | 7422.7 | 78.527 | 4337.2 | 7012.2 |
| TPF | 10.00% | 12454. | 9747.0 | 104.17 | 5674.2 | 8953.9 |
| TPF | 5.00% | 18363. | 14240. | 149.47 | 8103.8 | 14226. |
| TPF | 4.00% | 20545. | 15890. | 165.86 | 8987.2 | 16243. |
| TPF | 3.00% | 23493. | 18189. | 188.75 | 10302. | 18444. |
| TPF | 2.00% | 27868. | 21715. | 223.91 | 12447. | 20877. |
| TPF | 1.00% | 36748. | 28870. | 295.26 | 16798. | 25815. |
| TPF | 0.10% | 76075. | 58113. | 548.36 | 30551. | 67311. |
| TPF | 0.00% | 0.92342E+07 | 0.69790E+07 | 54058. | 0.29155E+07 | 0.94550E+07 |

Rank 7 10.05% 3705.1 5335.5

| Prob. | BOE (MBbl) | Oil (MBbl) | COil(MBbl) | Gas (MMcf) | SGas(MMcf) | |
|-------|------------|-------------|-------------|-------------|-------------|-------------|
| ----- | ----- | ----- | ----- | ----- | ----- | |
| Mean | 10.05% | 3705.1 | 2888.2 | 31.338 | 1747.9 | 2667.1 |
| TPF | 100.00% | 2.3958 | 1.8735 | 0.20458E-01 | 1.1793 | 1.6409 |
| TPF | 99.00% | 30.826 | 24.106 | 0.26323 | 15.173 | 21.113 |
| TPF | 98.00% | 59.383 | 46.438 | 0.50709 | 29.230 | 40.672 |
| TPF | 97.00% | 88.069 | 68.871 | 0.75204 | 43.350 | 60.320 |
| TPF | 96.00% | 116.71 | 91.270 | 0.99664 | 57.449 | 79.938 |
| TPF | 95.00% | 145.35 | 113.67 | 1.2412 | 71.547 | 99.554 |
| TPF | 90.00% | 287.67 | 224.96 | 2.4565 | 141.60 | 197.03 |
| TPF | 85.00% | 440.07 | 344.14 | 3.7579 | 216.61 | 301.41 |
| TPF | 80.00% | 607.54 | 475.10 | 5.1879 | 299.05 | 416.11 |
| TPF | 75.00% | 784.59 | 613.55 | 6.6998 | 386.20 | 537.37 |
| TPF | 70.00% | 967.75 | 756.79 | 8.2639 | 476.35 | 662.83 |
| TPF | 65.00% | 1183.5 | 924.99 | 10.115 | 578.18 | 818.09 |
| TPF | 60.00% | 1423.4 | 1111.6 | 12.176 | 689.10 | 994.47 |
| TPF | 55.00% | 1674.5 | 1307.1 | 14.334 | 805.24 | 1179.2 |
| TPF | 50.00% | 1986.1 | 1549.6 | 17.012 | 949.35 | 1408.3 |
| TPF | 45.00% | 2320.4 | 1809.7 | 19.885 | 1103.9 | 1654.2 |
| TPF | 40.00% | 2728.4 | 2127.4 | 23.301 | 1293.4 | 1953.1 |
| TPF | 35.00% | 3213.2 | 2505.0 | 27.290 | 1519.0 | 2307.5 |
| TPF | 30.00% | 3797.4 | 2960.1 | 32.097 | 1790.9 | 2734.5 |
| TPF | 25.00% | 4503.6 | 3510.1 | 37.908 | 2119.5 | 3250.7 |
| TPF | 20.00% | 5473.3 | 4261.4 | 45.522 | 2545.4 | 4009.8 |
| TPF | 15.00% | 6795.2 | 5284.5 | 55.812 | 3119.7 | 5056.9 |
| TPF | 10.00% | 8849.0 | 6890.4 | 72.655 | 4031.1 | 6567.6 |
| TPF | 5.00% | 12844. | 10056. | 107.59 | 5852.2 | 9212.3 |
| TPF | 4.00% | 14351. | 11208. | 119.32 | 6479.2 | 10518. |
| TPF | 3.00% | 16287. | 12671. | 133.87 | 7263.1 | 12307. |
| TPF | 2.00% | 19473. | 15080. | 157.81 | 8553.4 | 15253. |
| TPF | 1.00% | 25419. | 19741. | 204.23 | 11246. | 19515. |
| TPF | 0.10% | 51543. | 39858. | 388.34 | 21925. | 41565. |
| TPF | 0.00% | 0.92342E+07 | 0.69790E+07 | 54058. | 0.29155E+07 | 0.94550E+07 |

Rank 8 5.07% 2808.5 3916.9

| Prob. | BOE (MBbl) | Oil (MBbl) | COil(MBbl) | Gas (MMcf) | SGas(MMcf) | |
|-------------|-------------|-------------|-------------|-------------|-------------|--------|
| ----- | ----- | ----- | ----- | ----- | ----- | |
| Mean | 5.07% | 2808.5 | 2189.8 | 23.960 | 1330.6 | 2011.7 |
| TPF 100.00% | 2.3958 | 1.8735 | 0.20458E-01 | 1.1793 | 1.6409 | |
| TPF 99.00% | 24.812 | 19.403 | 0.21187 | 12.213 | 16.994 | |
| TPF 98.00% | 47.364 | 37.039 | 0.40445 | 23.314 | 32.440 | |
| TPF 97.00% | 70.054 | 54.783 | 0.59821 | 34.483 | 47.981 | |
| TPF 96.00% | 92.886 | 72.637 | 0.79317 | 45.721 | 63.619 | |
| TPF 95.00% | 115.70 | 90.476 | 0.98797 | 56.950 | 79.243 | |
| TPF 90.00% | 230.48 | 180.24 | 1.9681 | 113.45 | 157.86 | |
| TPF 85.00% | 349.32 | 273.17 | 2.9829 | 171.94 | 239.25 | |
| TPF 80.00% | 477.30 | 373.25 | 4.0758 | 234.94 | 326.91 | |
| TPF 75.00% | 620.79 | 485.46 | 5.3011 | 305.57 | 425.19 | |
| TPF 70.00% | 771.69 | 603.47 | 6.5897 | 379.85 | 528.54 | |
| TPF 65.00% | 929.66 | 727.00 | 7.9386 | 457.60 | 636.74 | |
| TPF 60.00% | 1108.3 | 866.42 | 9.4679 | 543.38 | 762.74 | |
| TPF 55.00% | 1320.5 | 1031.6 | 11.292 | 641.54 | 918.84 | |
| TPF 50.00% | 1546.0 | 1207.1 | 13.230 | 745.82 | 1084.7 | |
| TPF 45.00% | 1805.1 | 1408.7 | 15.456 | 865.64 | 1275.2 | |
| TPF 40.00% | 2115.4 | 1650.2 | 18.124 | 1009.2 | 1503.4 | |
| TPF 35.00% | 2453.7 | 1913.5 | 21.031 | 1165.6 | 1752.2 | |
| TPF 30.00% | 2917.2 | 2274.5 | 24.854 | 1381.2 | 2091.1 | |
| TPF 25.00% | 3446.6 | 2686.9 | 29.211 | 1627.6 | 2478.1 | |
| TPF 20.00% | 4174.6 | 3253.9 | 35.201 | 1966.4 | 3010.2 | |
| TPF 15.00% | 5155.9 | 4015.7 | 43.051 | 2407.5 | 3758.4 | |
| TPF 10.00% | 6679.1 | 5194.6 | 54.909 | 3069.3 | 4965.0 | |
| TPF 5.00% | 9650.4 | 7525.5 | 79.662 | 4396.3 | 7098.1 | |
| TPF 4.00% | 10701. | 8357.9 | 88.846 | 4875.2 | 7793.4 | |
| TPF 3.00% | 12182. | 9531.5 | 101.80 | 5550.3 | 8773.9 | |
| TPF 2.00% | 14390. | 11237. | 119.61 | 6495.1 | 10554. | |
| TPF 1.00% | 18660. | 14465. | 151.70 | 8224.0 | 14501. | |
| TPF 0.10% | 37364. | 29367. | 300.21 | 17100. | 26158. | |
| TPF 0.00% | 0.92342E+07 | 0.69790E+07 | 54058. | 0.29155E+07 | 0.94550E+07 | |

Rank 9 2.28% 2238.4 3031.2

| Prob. | BOE (MBbl) | Oil (MBbl) | COil(MBbl) | Gas (MMcf) | SGas(MMcf) | |
|-------------|------------|------------|-------------|------------|------------|--------|
| ----- | ----- | ----- | ----- | ----- | ----- | |
| Mean | 2.28% | 2238.4 | 1745.9 | 19.181 | 1066.0 | 1593.9 |
| TPF 100.00% | 2.3958 | 1.8735 | 0.20458E-01 | 1.1793 | 1.6409 | |
| TPF 99.00% | 20.863 | 16.315 | 0.17815 | 10.269 | 14.289 | |
| TPF 98.00% | 39.460 | 30.858 | 0.33696 | 19.423 | 27.027 | |
| TPF 97.00% | 58.190 | 45.505 | 0.49689 | 28.643 | 39.855 | |
| TPF 96.00% | 77.054 | 60.257 | 0.65798 | 37.928 | 52.775 | |
| TPF 95.00% | 96.057 | 75.117 | 0.82025 | 47.282 | 65.790 | |
| TPF 90.00% | 192.23 | 150.32 | 1.6415 | 94.619 | 131.66 | |
| TPF 85.00% | 289.12 | 226.10 | 2.4689 | 142.31 | 198.02 | |
| TPF 80.00% | 395.10 | 308.97 | 3.3739 | 194.48 | 270.61 | |
| TPF 75.00% | 509.14 | 398.15 | 4.3477 | 250.61 | 348.72 | |
| TPF 70.00% | 636.95 | 498.10 | 5.4391 | 313.53 | 436.26 | |
| TPF 65.00% | 771.50 | 603.31 | 6.5880 | 379.75 | 528.41 | |

| | | | | | | |
|-----|--------|-------------|-------------|--------|-------------|-------------|
| TPF | 60.00% | 913.73 | 714.54 | 7.8025 | 449.76 | 625.82 |
| TPF | 55.00% | 1070.9 | 837.35 | 9.1470 | 526.10 | 735.27 |
| TPF | 50.00% | 1266.4 | 989.48 | 10.827 | 616.51 | 879.04 |
| TPF | 45.00% | 1476.9 | 1153.3 | 12.636 | 713.83 | 1033.8 |
| TPF | 40.00% | 1707.5 | 1332.8 | 14.618 | 820.51 | 1203.4 |
| TPF | 35.00% | 2006.9 | 1565.8 | 17.191 | 958.97 | 1423.6 |
| TPF | 30.00% | 2340.3 | 1825.3 | 20.057 | 1113.2 | 1668.8 |
| TPF | 25.00% | 2780.5 | 2168.0 | 23.730 | 1317.6 | 1991.2 |
| TPF | 20.00% | 3336.1 | 2600.7 | 28.301 | 1576.2 | 2397.3 |
| TPF | 15.00% | 4118.5 | 3210.2 | 34.739 | 1940.3 | 2969.3 |
| TPF | 10.00% | 5304.4 | 4130.7 | 44.208 | 2472.0 | 3876.1 |
| TPF | 5.00% | 7596.8 | 5904.9 | 62.053 | 3468.0 | 5691.9 |
| TPF | 4.00% | 8421.6 | 6551.8 | 68.919 | 3836.3 | 6284.7 |
| TPF | 3.00% | 9546.5 | 7443.1 | 78.753 | 4349.0 | 7029.3 |
| TPF | 2.00% | 11245. | 8788.8 | 93.601 | 5123.0 | 8153.4 |
| TPF | 1.00% | 14455. | 11286. | 120.10 | 6521.4 | 10614. |
| TPF | 0.10% | 28341. | 22095. | 227.71 | 12678. | 21140. |
| TPF | 0.00% | 0.92342E+07 | 0.69790E+07 | 54058. | 0.29155E+07 | 0.94550E+07 |

Rank 10 0.93% 1857.2 2448.3

| Prob. | BOE (MBbl) | Oil (MBbl) | COil(MBbl) | Gas (MMcf) | SGas(MMcf) | |
|-------|------------|-------------|-------------|-------------|-------------|-------------|
| ----- | ----- | ----- | ----- | ----- | ----- | |
| Mean | 0.93% | 1857.2 | 1449.2 | 15.904 | 889.73 | 1313.5 |
| TPF | 100.00% | 2.3958 | 1.8735 | 0.20458E-01 | 1.1793 | 1.6409 |
| TPF | 99.00% | 18.143 | 14.188 | 0.15493 | 8.9306 | 12.427 |
| TPF | 98.00% | 34.012 | 26.597 | 0.29043 | 16.741 | 23.295 |
| TPF | 97.00% | 50.003 | 39.103 | 0.42699 | 24.613 | 34.248 |
| TPF | 96.00% | 66.121 | 51.707 | 0.56462 | 32.546 | 45.287 |
| TPF | 95.00% | 82.366 | 64.410 | 0.70334 | 40.543 | 56.413 |
| TPF | 90.00% | 164.90 | 128.95 | 1.4081 | 81.166 | 112.94 |
| TPF | 85.00% | 249.08 | 194.78 | 2.1269 | 122.60 | 170.60 |
| TPF | 80.00% | 338.30 | 264.55 | 2.8888 | 166.52 | 231.71 |
| TPF | 75.00% | 434.97 | 340.15 | 3.7143 | 214.11 | 297.92 |
| TPF | 70.00% | 541.38 | 423.36 | 4.6229 | 266.48 | 370.79 |
| TPF | 65.00% | 658.66 | 515.08 | 5.6245 | 324.21 | 451.12 |
| TPF | 60.00% | 783.14 | 612.42 | 6.6874 | 385.48 | 536.38 |
| TPF | 55.00% | 915.94 | 716.27 | 7.8214 | 450.85 | 627.34 |
| TPF | 50.00% | 1063.2 | 831.36 | 9.0807 | 522.54 | 729.61 |
| TPF | 45.00% | 1249.8 | 976.55 | 10.684 | 608.82 | 866.81 |
| TPF | 40.00% | 1453.4 | 1135.0 | 12.434 | 702.98 | 1016.5 |
| TPF | 35.00% | 1678.1 | 1309.9 | 14.365 | 806.91 | 1181.8 |
| TPF | 30.00% | 1975.3 | 1541.1 | 16.919 | 944.34 | 1400.3 |
| TPF | 25.00% | 2318.4 | 1808.2 | 19.868 | 1103.0 | 1652.7 |
| TPF | 20.00% | 2783.7 | 2170.5 | 23.756 | 1319.1 | 1993.5 |
| TPF | 15.00% | 3405.3 | 2654.7 | 28.871 | 1608.4 | 2447.9 |
| TPF | 10.00% | 4374.3 | 3409.4 | 36.844 | 2059.3 | 3156.2 |
| TPF | 5.00% | 6217.6 | 4837.4 | 51.316 | 2868.8 | 4599.4 |
| TPF | 4.00% | 6913.7 | 5376.2 | 56.735 | 3171.2 | 5150.7 |
| TPF | 3.00% | 7772.5 | 6040.9 | 63.421 | 3544.3 | 5831.0 |
| TPF | 2.00% | 9158.8 | 7136.0 | 75.364 | 4172.3 | 6772.7 |
| TPF | 1.00% | 11713. | 9159.6 | 97.692 | 5336.3 | 8463.2 |
| TPF | 0.10% | 22641. | 17503. | 181.91 | 9884.9 | 17970. |
| TPF | 0.00% | 0.92342E+07 | 0.69790E+07 | 54058. | 0.29155E+07 | 0.94550E+07 |

Rank 11 0.35% 1591.4 2045.9

| Prob. | BOE (MBbl) | Oil (MBbl) | COil(MBbl) | Gas (MMcf) | SGas(MMcf) | |
|-------------|-------------|-------------|-------------|-------------|-------------|--------|
| ----- | ----- | ----- | ----- | ----- | ----- | |
| Mean | 0.35% | 1591.4 | 1242.4 | 13.620 | 766.79 | 1118.0 |
| TPF 100.00% | 2.3958 | 1.8735 | 0.20458E-01 | 1.1793 | 1.6409 | |
| TPF 99.00% | 16.209 | 12.675 | 0.13841 | 7.9784 | 11.102 | |
| TPF 98.00% | 30.133 | 23.565 | 0.25732 | 14.833 | 20.639 | |
| TPF 97.00% | 44.172 | 34.543 | 0.37720 | 21.743 | 30.254 | |
| TPF 96.00% | 58.327 | 45.612 | 0.49807 | 28.710 | 39.949 | |
| TPF 95.00% | 72.600 | 56.774 | 0.61995 | 35.736 | 49.725 | |
| TPF 90.00% | 145.34 | 113.65 | 1.2411 | 71.538 | 99.542 | |
| TPF 85.00% | 220.32 | 172.29 | 1.8813 | 108.45 | 150.90 | |
| TPF 80.00% | 297.40 | 232.57 | 2.5396 | 146.39 | 203.69 | |
| TPF 75.00% | 382.39 | 299.03 | 3.2653 | 188.22 | 261.91 | |
| TPF 70.00% | 473.43 | 370.22 | 4.0427 | 233.03 | 324.26 | |
| TPF 65.00% | 576.35 | 450.71 | 4.9216 | 283.70 | 394.75 | |
| TPF 60.00% | 687.46 | 537.60 | 5.8704 | 338.39 | 470.85 | |
| TPF 55.00% | 806.33 | 630.56 | 6.8855 | 396.90 | 552.27 | |
| TPF 50.00% | 934.31 | 730.64 | 7.9783 | 459.89 | 639.92 | |
| TPF 45.00% | 1081.0 | 845.17 | 9.2333 | 530.75 | 742.66 | |
| TPF 40.00% | 1265.0 | 988.35 | 10.814 | 615.84 | 877.97 | |
| TPF 35.00% | 1468.8 | 1147.0 | 12.566 | 710.10 | 1027.9 | |
| TPF 30.00% | 1698.7 | 1325.9 | 14.542 | 816.44 | 1197.0 | |
| TPF 25.00% | 2012.6 | 1570.2 | 17.240 | 961.60 | 1427.8 | |
| TPF 20.00% | 2383.2 | 1858.6 | 20.425 | 1133.0 | 1700.4 | |
| TPF 15.00% | 2933.2 | 2287.0 | 24.986 | 1388.7 | 2102.9 | |
| TPF 10.00% | 3742.6 | 2917.4 | 31.646 | 1765.4 | 2694.5 | |
| TPF 5.00% | 5301.4 | 4128.3 | 44.184 | 2470.7 | 3873.7 | |
| TPF 4.00% | 5835.2 | 4541.5 | 48.340 | 2702.6 | 4296.5 | |
| TPF 3.00% | 6584.6 | 5121.4 | 54.173 | 3028.2 | 4890.1 | |
| TPF 2.00% | 7679.5 | 5968.9 | 62.696 | 3503.9 | 5757.3 | |
| TPF 1.00% | 9774.0 | 7623.4 | 80.743 | 4452.7 | 7179.9 | |
| TPF 0.10% | 18669. | 14471. | 151.76 | 8227.5 | 14509. | |
| TPF 0.00% | 0.92342E+07 | 0.69790E+07 | 54058. | 0.29155E+07 | 0.94550E+07 | |

Rank 12 0.12% 1397.1 1752.7

| Prob. | BOE (MBbl) | Oil (MBbl) | COil(MBbl) | Gas (MMcf) | SGas(MMcf) | |
|-------------|------------|------------|-------------|------------|------------|--------|
| ---- | ----- | ----- | ----- | ----- | ----- | |
| Mean | 0.12% | 1397.1 | 1091.2 | 11.950 | 676.94 | 975.12 |
| TPF 100.00% | 2.3958 | 1.8735 | 0.20458E-01 | 1.1793 | 1.6409 | |
| TPF 99.00% | 14.787 | 11.563 | 0.12627 | 7.2785 | 10.128 | |
| TPF 98.00% | 27.282 | 21.335 | 0.23297 | 13.429 | 18.686 | |
| TPF 97.00% | 39.882 | 31.188 | 0.34056 | 19.631 | 27.316 | |
| TPF 96.00% | 52.591 | 41.126 | 0.44908 | 25.886 | 36.020 | |
| TPF 95.00% | 65.408 | 51.150 | 0.55854 | 32.196 | 44.799 | |
| TPF 90.00% | 130.89 | 102.36 | 1.1177 | 64.428 | 89.649 | |
| TPF 85.00% | 199.02 | 155.63 | 1.6995 | 97.962 | 136.31 | |
| TPF 80.00% | 268.27 | 209.78 | 2.2908 | 132.05 | 183.74 | |
| TPF 75.00% | 343.75 | 268.82 | 2.9354 | 169.20 | 235.44 | |
| TPF 70.00% | 425.41 | 332.67 | 3.6327 | 209.40 | 291.37 | |
| TPF 65.00% | 514.61 | 402.43 | 4.3943 | 253.30 | 352.46 | |

| | | | | | | |
|-----|--------|-------------|-------------|--------|-------------|-------------|
| TPF | 60.00% | 615.42 | 481.27 | 5.2552 | 302.93 | 421.51 |
| TPF | 55.00% | 723.48 | 565.77 | 6.1780 | 356.12 | 495.52 |
| TPF | 50.00% | 840.06 | 656.93 | 7.1734 | 413.50 | 575.36 |
| TPF | 45.00% | 966.79 | 756.03 | 8.2556 | 475.88 | 662.16 |
| TPF | 40.00% | 1120.6 | 875.98 | 9.5736 | 549.06 | 771.78 |
| TPF | 35.00% | 1307.5 | 1021.5 | 11.180 | 635.52 | 909.26 |
| TPF | 30.00% | 1518.3 | 1185.5 | 12.992 | 733.01 | 1064.3 |
| TPF | 25.00% | 1773.9 | 1384.4 | 15.188 | 851.20 | 1252.2 |
| TPF | 20.00% | 2117.0 | 1651.4 | 18.137 | 1009.9 | 1504.6 |
| TPF | 15.00% | 2557.9 | 1994.6 | 21.898 | 1214.0 | 1828.5 |
| TPF | 10.00% | 3272.1 | 2550.9 | 27.775 | 1546.4 | 2350.6 |
| TPF | 5.00% | 4579.5 | 3569.3 | 38.533 | 2154.8 | 3306.2 |
| TPF | 4.00% | 5067.5 | 3947.3 | 42.363 | 2369.1 | 3688.4 |
| TPF | 3.00% | 5696.2 | 4433.9 | 47.257 | 2642.2 | 4186.4 |
| TPF | 2.00% | 6638.2 | 5163.0 | 54.590 | 3051.5 | 4932.5 |
| TPF | 1.00% | 8381.0 | 6519.6 | 68.564 | 3817.8 | 6257.8 |
| TPF | 0.10% | 15686. | 12216. | 129.34 | 7019.5 | 11751. |
| TPF | 0.00% | 0.92342E+07 | 0.69790E+07 | 54058. | 0.29155E+07 | 0.94550E+07 |

Rank 13 0.04% 1244.9 1523.3

| Prob. | BOE (MBbl) | Oil (MBbl) | COil(MBbl) | Gas (MMcf) | SGas(MMcf) | |
|-------|------------|-------------|-------------|-------------|-------------|-------------|
| ----- | ----- | ----- | ----- | ----- | ----- | |
| Mean | 0.04% | 1244.9 | 972.70 | 10.642 | 606.54 | 863.18 |
| TPF | 100.00% | 2.3958 | 1.8735 | 0.20458E-01 | 1.1793 | 1.6409 |
| TPF | 99.00% | 13.678 | 10.697 | 0.11680 | 6.7329 | 9.3685 |
| TPF | 98.00% | 25.057 | 19.595 | 0.21397 | 12.334 | 17.162 |
| TPF | 97.00% | 36.534 | 28.570 | 0.31197 | 17.983 | 25.023 |
| TPF | 96.00% | 48.111 | 37.623 | 0.41083 | 23.681 | 32.952 |
| TPF | 95.00% | 59.790 | 46.756 | 0.51056 | 29.430 | 40.951 |
| TPF | 90.00% | 119.58 | 93.510 | 1.0211 | 58.859 | 81.900 |
| TPF | 85.00% | 181.77 | 142.14 | 1.5521 | 89.470 | 124.49 |
| TPF | 80.00% | 245.53 | 192.00 | 2.0966 | 120.86 | 168.16 |
| TPF | 75.00% | 313.24 | 244.95 | 2.6748 | 154.18 | 214.54 |
| TPF | 70.00% | 387.43 | 302.98 | 3.3084 | 190.71 | 265.36 |
| TPF | 65.00% | 467.50 | 365.59 | 3.9921 | 230.12 | 320.20 |
| TPF | 60.00% | 557.98 | 436.34 | 4.7647 | 274.65 | 382.17 |
| TPF | 55.00% | 657.18 | 513.92 | 5.6118 | 323.48 | 450.11 |
| TPF | 50.00% | 764.33 | 597.71 | 6.5268 | 376.22 | 523.50 |
| TPF | 45.00% | 880.97 | 688.92 | 7.5228 | 433.64 | 603.39 |
| TPF | 40.00% | 1009.2 | 789.17 | 8.6175 | 496.74 | 691.19 |
| TPF | 35.00% | 1176.1 | 919.21 | 10.051 | 574.75 | 812.63 |
| TPF | 30.00% | 1371.1 | 1070.9 | 11.726 | 664.92 | 956.01 |
| TPF | 25.00% | 1596.0 | 1246.0 | 13.659 | 768.92 | 1121.4 |
| TPF | 20.00% | 1895.7 | 1479.2 | 16.235 | 907.53 | 1341.8 |
| TPF | 15.00% | 2291.5 | 1787.3 | 19.637 | 1090.6 | 1632.9 |
| TPF | 10.00% | 2910.7 | 2269.4 | 24.801 | 1378.2 | 2086.4 |
| TPF | 5.00% | 4066.3 | 3169.5 | 34.310 | 1916.0 | 2931.1 |
| TPF | 4.00% | 4448.8 | 3467.4 | 37.457 | 2094.0 | 3210.7 |
| TPF | 3.00% | 4993.6 | 3890.1 | 41.788 | 2337.0 | 3629.9 |
| TPF | 2.00% | 5795.0 | 4510.4 | 48.027 | 2685.2 | 4264.7 |
| TPF | 1.00% | 7297.2 | 5673.0 | 59.720 | 3337.8 | 5454.5 |
| TPF | 0.10% | 13333. | 10438. | 111.67 | 6066.9 | 9576.5 |
| TPF | 0.00% | 0.92342E+07 | 0.69790E+07 | 54058. | 0.29155E+07 | 0.94550E+07 |

Rank 14 0.01% 1114.2 1329.0

| Prob. | BOE (MBbl) | Oil (MBbl) | COil(MBbl) | Gas (MMcf) | SGas(MMcf) | |
|-------|------------|-------------|-------------|-------------|-------------|-------------|
| ---- | ----- | ----- | ----- | ----- | ----- | |
| Mean | 0.01% | 1114.2 | 871.04 | 9.5190 | 546.13 | 767.11 |
| TPF | 100.00% | 2.3958 | 1.8735 | 0.20458E-01 | 1.1793 | 1.6409 |
| TPF | 99.00% | 12.723 | 9.9495 | 0.10865 | 6.2626 | 8.7142 |
| TPF | 98.00% | 23.139 | 18.095 | 0.19759 | 11.390 | 15.848 |
| TPF | 97.00% | 33.646 | 26.312 | 0.28731 | 16.562 | 23.045 |
| TPF | 96.00% | 44.246 | 34.601 | 0.37783 | 21.779 | 30.305 |
| TPF | 95.00% | 54.940 | 42.964 | 0.46915 | 27.043 | 37.629 |
| TPF | 90.00% | 109.79 | 85.859 | 0.93755 | 54.043 | 75.199 |
| TPF | 85.00% | 166.79 | 130.43 | 1.4242 | 82.097 | 114.23 |
| TPF | 80.00% | 225.78 | 176.56 | 1.9280 | 111.14 | 154.64 |
| TPF | 75.00% | 286.94 | 224.39 | 2.4503 | 141.24 | 196.53 |
| TPF | 70.00% | 354.79 | 277.45 | 3.0297 | 174.64 | 243.00 |
| TPF | 65.00% | 427.80 | 334.54 | 3.6531 | 210.57 | 293.01 |
| TPF | 60.00% | 507.60 | 396.95 | 4.3345 | 249.86 | 347.66 |
| TPF | 55.00% | 598.87 | 468.32 | 5.1138 | 294.78 | 410.17 |
| TPF | 50.00% | 697.52 | 545.46 | 5.9562 | 343.34 | 477.74 |
| TPF | 45.00% | 805.00 | 629.51 | 6.8741 | 396.24 | 551.35 |
| TPF | 40.00% | 923.24 | 721.98 | 7.8838 | 454.44 | 632.34 |
| TPF | 35.00% | 1058.9 | 827.99 | 9.0435 | 520.54 | 726.42 |
| TPF | 30.00% | 1239.1 | 968.25 | 10.592 | 603.89 | 858.97 |
| TPF | 25.00% | 1447.3 | 1130.3 | 12.381 | 700.16 | 1012.1 |
| TPF | 20.00% | 1695.1 | 1323.1 | 14.511 | 814.76 | 1194.3 |
| TPF | 15.00% | 2062.8 | 1609.3 | 17.672 | 984.84 | 1464.7 |
| TPF | 10.00% | 2577.3 | 2009.8 | 22.058 | 1223.1 | 1842.7 |
| TPF | 5.00% | 3585.9 | 2795.3 | 30.357 | 1692.4 | 2579.9 |
| TPF | 4.00% | 3945.2 | 3075.2 | 33.313 | 1859.6 | 2842.5 |
| TPF | 3.00% | 4393.8 | 3424.6 | 37.004 | 2068.4 | 3170.5 |
| TPF | 2.00% | 5086.5 | 3962.0 | 42.511 | 2377.3 | 3703.4 |
| TPF | 1.00% | 6338.7 | 4931.2 | 52.259 | 2921.4 | 4695.3 |
| TPF | 0.10% | 11496. | 8987.6 | 95.794 | 5237.4 | 8319.5 |
| TPF | 0.00% | 0.92342E+07 | 0.69790E+07 | 54058. | 0.29155E+07 | 0.94550E+07 |

Rank 15 0.00% 992.42 1153.1

| Prob. | BOE (MBbl) | Oil (MBbl) | COil(MBbl) | Gas (MMcf) | SGas(MMcf) | |
|-------|------------|------------|------------|-------------|------------|--------|
| ---- | ----- | ----- | ----- | ----- | ----- | |
| Mean | 0.00% | 992.42 | 776.08 | 8.4745 | 488.49 | 679.72 |
| TPF | 100.00% | 2.3958 | 1.8735 | 0.20458E-01 | 1.1793 | 1.6409 |
| TPF | 99.00% | 11.812 | 9.2374 | 0.10087 | 5.8144 | 8.0905 |
| TPF | 98.00% | 21.311 | 16.665 | 0.18198 | 10.490 | 14.596 |
| TPF | 97.00% | 30.893 | 24.158 | 0.26380 | 15.206 | 21.159 |
| TPF | 96.00% | 40.560 | 31.718 | 0.34635 | 19.965 | 27.780 |
| TPF | 95.00% | 50.314 | 39.345 | 0.42964 | 24.766 | 34.460 |
| TPF | 90.00% | 100.44 | 78.548 | 0.85772 | 49.442 | 68.796 |
| TPF | 85.00% | 152.46 | 119.22 | 1.3019 | 75.045 | 104.42 |
| TPF | 80.00% | 206.87 | 161.77 | 1.7665 | 101.83 | 141.69 |
| TPF | 75.00% | 262.73 | 205.45 | 2.2435 | 129.32 | 179.94 |
| TPF | 70.00% | 323.43 | 252.93 | 2.7619 | 159.20 | 221.52 |
| TPF | 65.00% | 389.61 | 304.68 | 3.3270 | 191.78 | 266.85 |

| | | | | | | |
|-----|--------|-------------|-------------|--------|-------------|-------------|
| TPF | 60.00% | 461.47 | 360.87 | 3.9406 | 227.15 | 316.07 |
| TPF | 55.00% | 542.51 | 424.25 | 4.6326 | 267.04 | 371.57 |
| TPF | 50.00% | 632.81 | 494.86 | 5.4037 | 311.48 | 433.42 |
| TPF | 45.00% | 731.24 | 571.83 | 6.2442 | 359.94 | 500.83 |
| TPF | 40.00% | 839.59 | 656.56 | 7.1694 | 413.27 | 575.04 |
| TPF | 35.00% | 960.32 | 750.98 | 8.2004 | 472.70 | 657.74 |
| TPF | 30.00% | 1109.8 | 867.62 | 9.4812 | 544.09 | 763.87 |
| TPF | 25.00% | 1301.1 | 1016.4 | 11.125 | 632.53 | 904.50 |
| TPF | 20.00% | 1528.8 | 1193.7 | 13.082 | 737.87 | 1072.0 |
| TPF | 15.00% | 1835.7 | 1432.5 | 15.719 | 879.78 | 1297.7 |
| TPF | 10.00% | 2292.4 | 1788.0 | 19.645 | 1091.0 | 1633.6 |
| TPF | 5.00% | 3161.7 | 2465.0 | 26.867 | 1495.0 | 2269.9 |
| TPF | 4.00% | 3441.3 | 2682.7 | 29.167 | 1625.2 | 2474.3 |
| TPF | 3.00% | 3854.9 | 3004.9 | 32.571 | 1817.6 | 2776.6 |
| TPF | 2.00% | 4422.6 | 3447.1 | 37.242 | 2081.8 | 3191.5 |
| TPF | 1.00% | 5507.2 | 4287.6 | 45.786 | 2560.1 | 4036.7 |
| TPF | 0.10% | 9765.7 | 7616.8 | 80.670 | 4448.9 | 7174.4 |
| TPF | 0.00% | 0.92342E+07 | 0.69790E+07 | 54058. | 0.29155E+07 | 0.94550E+07 |

Rank 16 0.00% 870.54 984.64

| Prob. | BOE (MBbl) | Oil (MBbl) | COil(MBbl) | Gas (MMcf) | SGas(MMcf) | |
|-------|------------|-------------|-------------|-------------|-------------|-------------|
| ----- | | | | | | |
| Mean | 0.00% | 870.54 | 680.77 | 7.4337 | 428.50 | 596.24 |
| TPF | 100.00% | 2.3958 | 1.8735 | 0.20458E-01 | 1.1793 | 1.6409 |
| TPF | 99.00% | 10.878 | 8.5065 | 0.92888E-01 | 5.3543 | 7.4503 |
| TPF | 98.00% | 19.434 | 15.197 | 0.16595 | 9.5657 | 13.310 |
| TPF | 97.00% | 28.065 | 21.947 | 0.23965 | 13.814 | 19.222 |
| TPF | 96.00% | 36.772 | 28.756 | 0.31401 | 18.100 | 25.186 |
| TPF | 95.00% | 45.558 | 35.627 | 0.38903 | 22.425 | 31.203 |
| TPF | 90.00% | 90.716 | 70.940 | 0.77464 | 44.653 | 62.132 |
| TPF | 85.00% | 137.68 | 107.66 | 1.1756 | 67.768 | 94.296 |
| TPF | 80.00% | 186.95 | 146.20 | 1.5964 | 92.024 | 128.05 |
| TPF | 75.00% | 237.63 | 185.82 | 2.0291 | 116.97 | 162.75 |
| TPF | 70.00% | 290.91 | 227.49 | 2.4841 | 143.19 | 199.25 |
| TPF | 65.00% | 350.46 | 274.06 | 2.9926 | 172.50 | 240.03 |
| TPF | 60.00% | 414.53 | 324.17 | 3.5398 | 204.04 | 283.92 |
| TPF | 55.00% | 484.11 | 378.57 | 4.1339 | 238.29 | 331.57 |
| TPF | 50.00% | 564.84 | 441.71 | 4.8233 | 278.03 | 386.86 |
| TPF | 45.00% | 653.54 | 511.07 | 5.5807 | 321.69 | 447.61 |
| TPF | 40.00% | 751.20 | 587.44 | 6.4147 | 369.76 | 514.51 |
| TPF | 35.00% | 860.07 | 672.58 | 7.3444 | 423.35 | 589.07 |
| TPF | 30.00% | 983.40 | 769.02 | 8.3974 | 484.05 | 673.54 |
| TPF | 25.00% | 1145.1 | 895.05 | 9.7841 | 560.39 | 789.80 |
| TPF | 20.00% | 1351.1 | 1055.4 | 11.555 | 655.68 | 941.33 |
| TPF | 15.00% | 1608.5 | 1255.7 | 13.767 | 774.74 | 1130.6 |
| TPF | 10.00% | 2007.4 | 1566.2 | 17.195 | 959.22 | 1424.0 |
| TPF | 5.00% | 2725.5 | 2125.2 | 23.277 | 1292.0 | 1951.0 |
| TPF | 4.00% | 2982.9 | 2325.6 | 25.395 | 1411.8 | 2139.1 |
| TPF | 3.00% | 3306.0 | 2577.4 | 28.054 | 1562.2 | 2375.4 |
| TPF | 2.00% | 3800.6 | 2962.6 | 32.124 | 1792.4 | 2736.9 |
| TPF | 1.00% | 4655.0 | 3628.0 | 39.152 | 2189.8 | 3361.6 |
| TPF | 0.10% | 8189.4 | 6367.8 | 66.888 | 3730.4 | 6130.9 |
| TPF | 0.00% | 0.92342E+07 | 0.69790E+07 | 54058. | 0.29155E+07 | 0.94550E+07 |

Rank 17 0.00% 736.02 813.56

| Prob. | BOE (MBbl) | Oil (MBbl) | COil(MBbl) | Gas (MMcf) | SGas(MMcf) | |
|-------------|-------------|-------------|-------------|-------------|-------------|--------|
| ---- | ----- | ----- | ----- | ----- | ----- | |
| Mean | 0.00% | 736.02 | 575.57 | 6.2850 | 362.29 | 504.11 |
| TPF 100.00% | 2.3958 | 1.8735 | 0.20458E-01 | 1.1793 | 1.6409 | |
| TPF 99.00% | 9.7736 | 7.6430 | 0.83459E-01 | 4.8108 | 6.6940 | |
| TPF 98.00% | 17.214 | 13.461 | 0.14699 | 8.4730 | 11.790 | |
| TPF 97.00% | 24.717 | 19.329 | 0.21107 | 12.167 | 16.929 | |
| TPF 96.00% | 32.286 | 25.248 | 0.27570 | 15.892 | 22.113 | |
| TPF 95.00% | 39.920 | 31.218 | 0.34089 | 19.650 | 27.342 | |
| TPF 90.00% | 79.134 | 61.883 | 0.67574 | 38.952 | 54.200 | |
| TPF 85.00% | 120.01 | 93.850 | 1.0248 | 59.073 | 82.198 | |
| TPF 80.00% | 162.73 | 127.25 | 1.3896 | 80.099 | 111.45 | |
| TPF 75.00% | 207.45 | 162.23 | 1.7715 | 102.11 | 142.09 | |
| TPF 70.00% | 253.59 | 198.31 | 2.1655 | 124.82 | 173.69 | |
| TPF 65.00% | 303.19 | 237.10 | 2.5890 | 149.24 | 207.66 | |
| TPF 60.00% | 358.33 | 280.21 | 3.0598 | 176.38 | 245.42 | |
| TPF 55.00% | 418.03 | 326.90 | 3.5697 | 205.77 | 286.31 | |
| TPF 50.00% | 483.23 | 377.89 | 4.1264 | 237.86 | 330.97 | |
| TPF 45.00% | 559.46 | 437.50 | 4.7774 | 275.38 | 383.18 | |
| TPF 40.00% | 644.26 | 503.81 | 5.5015 | 317.12 | 441.26 | |
| TPF 35.00% | 738.95 | 577.86 | 6.3100 | 363.73 | 506.11 | |
| TPF 30.00% | 846.43 | 661.92 | 7.2279 | 416.64 | 579.73 | |
| TPF 25.00% | 971.18 | 759.47 | 8.2931 | 478.04 | 665.17 | |
| TPF 20.00% | 1138.3 | 889.81 | 9.7262 | 557.28 | 784.84 | |
| TPF 15.00% | 1365.3 | 1066.4 | 11.677 | 662.24 | 951.76 | |
| TPF 10.00% | 1674.5 | 1307.0 | 14.334 | 805.22 | 1179.1 | |
| TPF 5.00% | 2270.0 | 1770.5 | 19.452 | 1080.6 | 1617.1 | |
| TPF 4.00% | 2455.3 | 1914.7 | 21.045 | 1166.3 | 1753.4 | |
| TPF 3.00% | 2743.0 | 2138.8 | 23.421 | 1300.2 | 1963.8 | |
| TPF 2.00% | 3145.8 | 2452.5 | 26.735 | 1487.6 | 2258.2 | |
| TPF 1.00% | 3871.2 | 3017.6 | 32.705 | 1825.2 | 2788.5 | |
| TPF 0.10% | 6719.1 | 5225.6 | 55.220 | 3086.7 | 4996.6 | |
| TPF 0.00% | 0.92342E+07 | 0.69790E+07 | 54058. | 0.29155E+07 | 0.94550E+07 | |

Rank 18 0.00% 565.41 628.59

| Prob. | BOE (MBbl) | Oil (MBbl) | COil(MBbl) | Gas (MMcf) | SGas(MMcf) | |
|-------------|------------|------------|-------------|------------|------------|--------|
| ---- | ----- | ----- | ----- | ----- | ----- | |
| Mean | 0.00% | 565.41 | 442.15 | 4.8282 | 278.31 | 387.26 |
| TPF 100.00% | 2.3958 | 1.8735 | 0.20458E-01 | 1.1793 | 1.6409 | |
| TPF 99.00% | 7.8837 | 6.1651 | 0.67321E-01 | 3.8806 | 5.3997 | |
| TPF 98.00% | 13.424 | 10.498 | 0.11463 | 6.6078 | 9.1944 | |
| TPF 97.00% | 19.018 | 14.873 | 0.16240 | 9.3614 | 13.026 | |
| TPF 96.00% | 24.668 | 19.290 | 0.21064 | 12.142 | 16.895 | |
| TPF 95.00% | 30.372 | 23.751 | 0.25936 | 14.950 | 20.802 | |
| TPF 90.00% | 59.776 | 46.745 | 0.51044 | 29.423 | 40.941 | |
| TPF 85.00% | 90.764 | 70.978 | 0.77505 | 44.676 | 62.165 | |
| TPF 80.00% | 123.28 | 96.404 | 1.0527 | 60.681 | 84.435 | |
| TPF 75.00% | 157.66 | 123.29 | 1.3463 | 77.603 | 107.98 | |
| TPF 70.00% | 194.27 | 151.92 | 1.6589 | 95.626 | 133.06 | |
| TPF 65.00% | 232.30 | 181.66 | 1.9837 | 114.34 | 159.10 | |

| | | | | | | |
|-----|--------|-------------|-------------|--------|-------------|-------------|
| TPF | 60.00% | 273.07 | 213.54 | 2.3318 | 134.41 | 187.03 |
| TPF | 55.00% | 318.49 | 249.06 | 2.7197 | 156.77 | 218.14 |
| TPF | 50.00% | 369.07 | 288.62 | 3.1516 | 181.67 | 252.78 |
| TPF | 45.00% | 425.24 | 332.54 | 3.6312 | 209.31 | 291.25 |
| TPF | 40.00% | 488.05 | 381.66 | 4.1676 | 240.23 | 334.27 |
| TPF | 35.00% | 564.19 | 441.20 | 4.8177 | 277.71 | 386.42 |
| TPF | 30.00% | 651.73 | 509.65 | 5.5652 | 320.80 | 446.38 |
| TPF | 25.00% | 754.30 | 589.87 | 6.4411 | 371.29 | 516.63 |
| TPF | 20.00% | 878.44 | 686.94 | 7.5012 | 432.39 | 601.65 |
| TPF | 15.00% | 1036.3 | 810.39 | 8.8492 | 510.08 | 709.79 |
| TPF | 10.00% | 1300.3 | 1015.9 | 11.118 | 632.18 | 903.95 |
| TPF | 5.00% | 1746.5 | 1363.1 | 14.953 | 838.55 | 1232.1 |
| TPF | 4.00% | 1910.4 | 1490.7 | 16.362 | 914.35 | 1352.7 |
| TPF | 3.00% | 2118.8 | 1652.8 | 18.152 | 1010.7 | 1505.9 |
| TPF | 2.00% | 2406.8 | 1877.0 | 20.628 | 1143.9 | 1717.7 |
| TPF | 1.00% | 2988.7 | 2330.2 | 25.443 | 1414.5 | 2143.4 |
| TPF | 0.10% | 5203.5 | 4052.5 | 43.422 | 2428.1 | 3796.1 |
| TPF | 0.00% | 0.92342E+07 | 0.69790E+07 | 54058. | 0.29155E+07 | 0.94550E+07 |