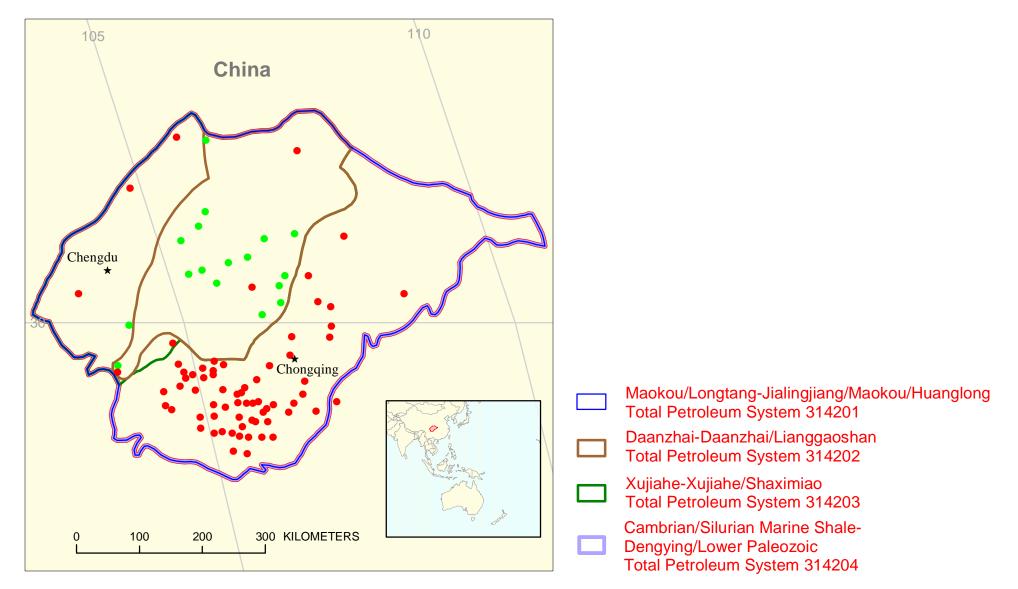
# Sichuan Basin Geologic Province 3142



Maokou/Longtang-Jialingjiang/Maokou/Huanglong Total Petroleum System 314201

Daanzhai-Daanzhai/Lianggaoshan Total Petroleum System 314202

Xujiahe-Xujiahe/Shaximiao Total Petroleum System 314203

Cambrian/Silurian Marine Shale-Dengying/Lower Paleozoic Total Petroleum System 314204

Sichuan Basin Geologic Province 3142

## Sichuan Basin, Province 3142 Assessment Results Summary - Allocated Resources

[MMBO, million barrels of oil. BCFG, billion cubic feet of gas. MMBNGL, million barrels of natural gas liquids. MFS, minimum field size assessed (MMBO or BCFG). Prob., probability (including both geologic and accessibility probabilities) of at least one field equal to or greater than the MFS. Results shown are fully risked estimates. For gas fields, all liquids are included under the NGL (natural gas liquids) category. F95 represents a 95 percent chance of at least the amount tabulated. Other fractiles are defined similarly. Fractiles are additive under the assumption of perfect positive correlation. Shading indicates not applicable]

| Code      |     |       |     | Undiscovered Resources |       |      |     |        |       |      |     |        |        |      |  |  |
|-----------|-----|-------|-----|------------------------|-------|------|-----|--------|-------|------|-----|--------|--------|------|--|--|
| and Field | MFS | Prob. |     | Oil (M                 | IMBO) |      |     | Gas (I | BCFG) |      |     | NGL (M | MBNGL) |      |  |  |
| Туре      |     | (0-1) | F95 | F50                    | F5    | Mean | F95 | F50    | F5    | Mean | F95 | F50    | F5     | Mean |  |  |

#### 3142 Total: Assessed onshore portions of Sichuan Basin Province

| Oil Fields | 1.0 | 0 | 8 | 25 | 54 | 27 | 36    | 123   | 288    | 137    | 2  | 7   | 18    | 8   |
|------------|-----|---|---|----|----|----|-------|-------|--------|--------|----|-----|-------|-----|
| Gas Fields | 1.0 | 0 |   |    |    |    | 2,345 | 9,342 | 21,131 | 10,174 | 96 | 399 | 984   | 447 |
| Total      | 1.0 | 0 | 8 | 25 | 54 | 27 | 2,381 | 9,465 | 21,418 | 10,311 | 98 | 406 | 1,002 | 456 |

#### 3142 Total: Assessed offshore portions of Sichuan Basin Province

| Oil Fields | 0 | 0.00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|------------|---|------|---|---|---|---|---|---|---|---|---|---|---|---|
| Gas Fields | 0 | .00  |   |   |   |   | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total      | 0 | 0.00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

#### 3142 Grand Total: Assessed portions of Sichuan Basin Province

| Oil Fields | 1.00 | 8 | 25 | 54 | 27 | 36    | 123   | 288    | 137    | 2  | 7   | 18    | 8   |
|------------|------|---|----|----|----|-------|-------|--------|--------|----|-----|-------|-----|
| Gas Fields | 1.00 |   |    |    |    | 2,345 | 9,342 | 21,131 | 10,174 | 96 | 399 | 984   | 447 |
| Total      | 1.00 | 8 | 25 | 54 | 27 | 2,381 | 9,465 | 21,418 | 10,311 | 98 | 406 | 1,002 | 456 |

# Sichuan Basin, Province 3142 Assessment Results Summary - Allocated Resources

[MMBO, million barrels of oil. BCFG, billion cubic feet of gas. MMBNGL, million barrels of natural gas liquids. MFS, minimum field size assessed (MMBO or BCFG). Prob., probability (including both geologic and accessibility probabilities) of at least one field equal to or greater than the MFS. Results shown are fully risked estimates. For gas fields, all liquids are included under the NGL (natural gas liquids) category. F95 represents a 95 percent chance of at least the amount tabulated. Other fractiles are defined similarly. Fractiles are additive under the assumption of perfect positive correlation. Shading indicates not applicable]

| Code   |   |                                      |  |  |   |                                      | Ur                                 | ndiscoverec                       | d Resources                          |  |                         |                |                        |                   |
|--|---|--------------------------------------|--|--|---|--------------------------------------|------------------------------------|-----------------------------------|--------------------------------------|--|-------------------------|----------------|------------------------|-------------------|
| and Field  | MFS                                     | Prob.                                |  | Oil (MM                                  | IBO)  |                                      |                                    | Gas (B                            | CFG)                                 |  |                         | NGL (MM        | BNGL)                  |                   |
| Туре   |   | (0-1)                                | F95                                      | F50                                      | F5  | Mean                                 | F95                                | F50                               | F5                                   | Mean                                   | F95                     | F50            | F5                     | Mean              |
| 314201   | Maok                                    |                                      | ngtang-Jialir                            | ngjiang/Maok                             | ou/Huanglo  | ong Total Pe                         | troleum Svst                       | tem                               |                                      |  |                         |                |                        |                   |
| 31420101   |   |                                      |  | ssessment U                              | -   | -                                    | -                                  |                                   | undiscovere                          | d gas fields a                         | llocated to             | ONSHORE pr     | ovince 3142            | )                 |
| Oil Fields   | 1                                       | 1.00                                 | 0  | 0  | 0   | 0                                    | 0                                  | 0                                 | 0                                    | 0                                      | 0                       | 0              | 0                      | 0                 |
| Gas Fields   | 6                                       | 1.00                                 |  |  |   |                                      | 1,396                              | 4,305                             | 8,143                                | 4,488                                  | 57                      | 184            | 384                    | 197               |
| Total  | I                                       | 1.00                                 | 0  | 0  | 0   | 0                                    | 1,396                              | 4,305                             | 8,143                                | 4,488                                  | 57                      | 184            | 384                    | 197               |
|  |   |                                      |  |  |   |                                      |                                    |                                   |                                      |  |                         |                |                        |                   |
| 31420102<br>Oil Fields   | 3142                                    | )                                    |  | n/Foldbelt Ass                           | sessment Ur   | nit (100% of u                       | undiscovered                       | oil fields an                     | nd 100% of u<br>0                    | ndiscovered                            | gas fields a<br>0       | llocated to ON | ISHORE pro             | ovince<br>0       |
|  | 3142)<br>1                              | )                                    |  |  | essment Ur<br>0   | nit (100% of u<br>0                  |                                    | oil fields an<br>0<br>1,466       | nd 100% of u<br>0<br>3,556           | ndiscovered<br>0<br>1,650              | gas fields a<br>0<br>15 |                | ISHORE pro<br>0<br>164 | ovince<br>0<br>73 |
| Oil Fields   | 3142)<br>1<br>6                         | )                                    | 0  |  | essment Ur<br>0<br>0  | nit (100% of 0<br>0<br>0             | 0                                  | 0                                 | 0                                    | 0                                      | 0                       | 0              | 0                      | 0                 |
| Oil Fields<br>Gas Fields<br>Total<br><b>314202</b><br>31420201               | 3142)<br>1<br>6<br><b>Daan</b><br>Juras | )<br>1.00<br>1.00<br>zhai-D          | 0<br>0<br>Daanzhai/Liar                  | 0<br>0<br>nggaoshan To<br>essment Unit ( | 0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0 | 0<br>0<br>eum System<br>discovered o | 0<br>363<br>363<br>il fields and 1 | 0<br>1,466<br>1,466<br>00% of und | 0<br>3,556<br>3,556<br>liscovered ga | 0<br>1,650<br>1,650<br>as fields alloc | 0<br>15<br>15           | 0<br>63<br>63  | 0<br>164<br>164        | 0<br>73           |
| Oil Fields<br>Gas Fields<br>Total<br><b>314202</b><br>31420201<br>Oil Fields | 3142<br>1<br>6<br><b>Daan</b><br>Juras  | )<br>1.00<br>1.00<br>ssic La<br>1.00 | 0<br>0<br>Daanzhai/Liar<br>custrine Asse | 0<br>0<br>nggaoshan To                   | 0<br>0<br>otal Petrole  | 0<br>0<br>eum System                 | 0<br>363<br>363                    | 0<br>1,466<br>1,466               | 0<br>3,556<br>3,556                  | 0<br>1,650<br>1,650                    | 0<br>15<br>15           | 0<br>63<br>63  | 0<br>164<br>164        | 0<br>73           |
| Oil Fields<br>Gas Fields<br>Total<br><b>314202</b><br>31420201               | 3142)<br>1<br>6<br><b>Daan</b><br>Juras | )<br>1.00<br>1.00<br>ssic La<br>1.00 | 0<br>0<br>Daanzhai/Liar<br>custrine Asse | 0<br>0<br>nggaoshan To<br>essment Unit ( | 0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0 | 0<br>0<br>eum System<br>discovered o | 0<br>363<br>363<br>il fields and 1 | 0<br>1,466<br>1,466<br>00% of und | 0<br>3,556<br>3,556<br>liscovered ga | 0<br>1,650<br>1,650<br>as fields alloc | 0<br>15<br>15           | 0<br>63<br>63  | 0<br>164<br>164        | 0<br>73           |

#### 314204 Cambrian/Silurian Marine Shale-Dengying/Lower Paleozoic Total Petroleum System

| 31420401   | Lesha | an-Lon | ignusi Paleo | high Assessr | nent Unit (10 | 00% of undis | covered oil f | elds and 10 | 0% of undisc | overed gas f | ields allocate | ed to ONSHC | RE province | 93142) |
|------------|-------|--------|--------------|--------------|---------------|--------------|---------------|-------------|--------------|--------------|----------------|-------------|-------------|--------|
| Oil Fields | 3     | 1.00   | 0            | 0            | 0             | 0            | 0             | 0           | 0            | 0            | 0              | 0           | 0           | 0      |
| Gas Fields | 18    | 1.00   |              |              |               |              | 587           | 2,460       | 5,950        | 2,763        | 24             | 105         | 276         | 122    |
| Total      |       | 1.00   | 0            | 0            | 0             | 0            | 587           | 2,460       | 5,950        | 2,763        | 24             | 105         | 276         | 122    |

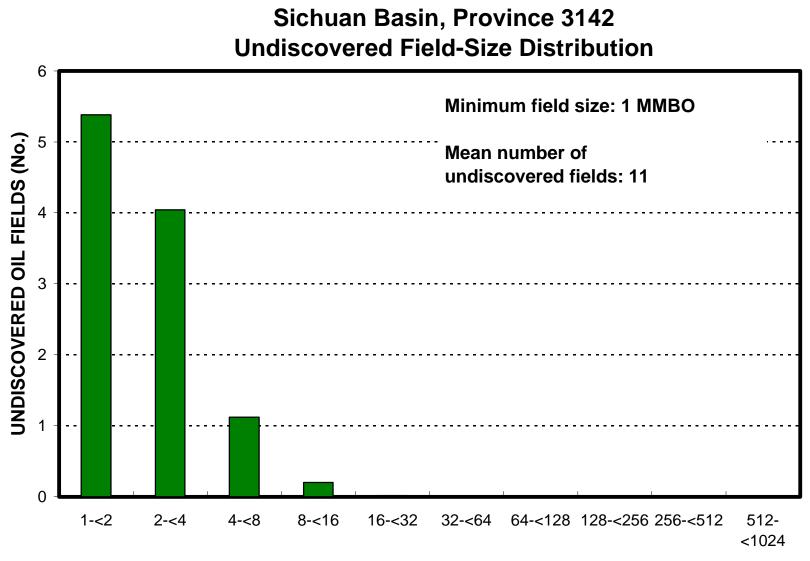
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| Code      |     |       |     | Undiscovered Resources |      |      |     |        |       |      |     |         |        |      |  |
|-----------|-----|-------|-----|------------------------|------|------|-----|--------|-------|------|-----|---------|--------|------|--|
| and Field | MFS | Prob. |     | Oil (M                 | MBO) |      |     | Gas (I | BCFG) |      |     | NGL (MI | MBNGL) |      |  |
| Туре      |     | (0-1) | F95 | F50                    | F5   | Mean | F95 | F50    | F5    | Mean | F95 | F50     | F5     | Mean |  |

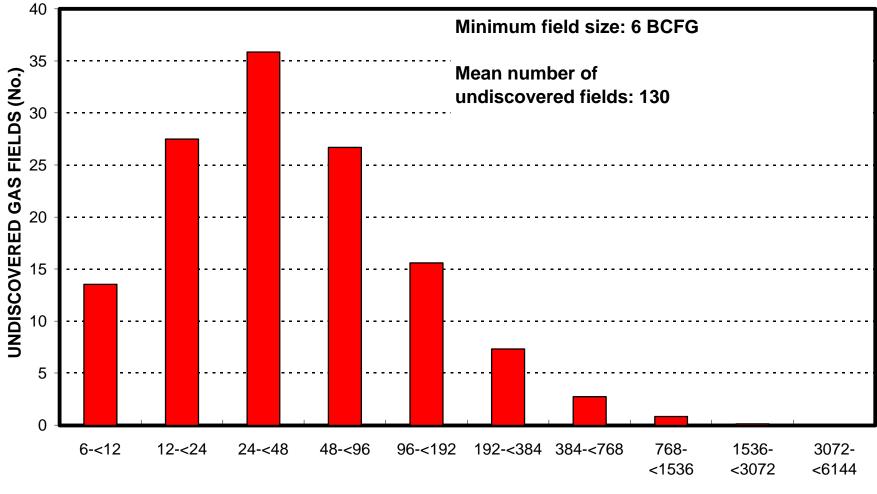
31420402 Lower Paleozoic of Southeastern Fold Belt Assessment Unit (100% of undiscovered oil fields and 100% of undiscovered gas fields allocated to ONSHORE province 3142)

| Oil Fields | 3  | 0.70 | 0 | 0 | 0 | 0 | 0 | 0     | 0     | 0     | 0 | 0  | 0   | 0  |
|------------|----|------|---|---|---|---|---|-------|-------|-------|---|----|-----|----|
| Gas Fields | 18 | 0.70 |   |   |   |   | 0 | 1,112 | 3,482 | 1,273 | 0 | 47 | 160 | 56 |
| Total      |    | 0.70 | 0 | 0 | 0 | 0 | 0 | 1,112 | 3,482 | 1,273 | 0 | 47 | 160 | 56 |



OIL-FIELD SIZE (MMBO)

# Sichuan Basin, Province 3142 **Undiscovered Field-Size Distribution** Minimum field size: 6 BCFG Mean number of



**GAS-FIELD SIZE (BCFG)**