

TABULAR DATA

Data for Conventional Plays

This file contains data for the conventional plays from the 1995 National Assessment. Only accumulations greater than or equal to 1 million barrels of oil or 6 billion cubic feet of gas are included in this part of the assessment. In the generic file names given in this readme file, "#" stands for a province number.

conv#in.tab (tab-delimited ASCII) or conv#in.txt (fixed-format ASCII):

Input data for assessment of conventional undiscovered accumulations

This file contains the input for the assessment of conventional plays. Following 2 lines of header information, the data are presented in 58 columns:

- (1) region -- (characters 1-6) the region number
- (2) province_num -- (characters 8-19) the province number
- (3) province_name -- (characters 21-62) the province name
- (4) play_num -- (characters 64-71) the play number
- (5) play_name -- (characters 73-199) the play name
- (6) geologists -- (characters 201-231) the geologist(s) responsible for this play
- (7) hypo_or_conf -- (characters 233-244) whether the play is hypothetical or confirmed
- (8) charge -- (characters 246-251) the probability of adequate hydrocarbon charge
- (9) reservoir -- (characters 253-261) the probability of adequate hydrocarbon reservoirs
- (10) trap -- (characters 263-266) the probability of adequate hydrocarbon traps
- (11) play_prob -- (characters 268-276) the play probability (product of charge, reservoir, and trap)
- (12) num_oil_disc -- (characters 278-289) the number of discovered oil accumulations in the play greater than or equal to one million barrels in size
- (13) num_gas_disc -- (characters 291-302) the number of discovered non-associated gas accumulations in the play greater than or equal to six billion cubic feet in size
- (14) oil_depth_min -- (characters 304-316) the minimum expected depth of undiscovered oil accumulations (in feet)
- (15) oil_depth_max -- (characters 318-330) the maximum expected depth of undiscovered oil accumulations (in feet)
- (16) oil_depth_med -- (characters 332-344) the median expected depth of undiscovered oil accumulations (in feet)
- (17) gas_depth_min -- (characters 346-358) the minimum expected depth of undiscovered gas accumulations (in feet)
- (18) gas_depth_max -- (characters 360-372) the maximum expected depth of undiscovered gas accumulations (in feet)
- (19) gas_depth_med -- (characters 374-386) the median expected depth of undiscovered gas accumulations (in feet)
- (20) oil_fraction -- (characters 388-399) the fraction of undiscovered accumulations expected to be oil accumulations
- (21) gas_fraction -- (characters 401-412) the fraction of undiscovered accumulations expected to be gas accumulations
- (22) biogenic_gas? -- (characters 414-426) whether any biogenic gas is expected (yes or no)
- (23) H2S? -- (characters 428-431) whether any hydrogen sulfide is expected (yes or no)

- (24) H2S_% -- (characters 433-438) the expected percent of hydrogen sulfide in the gas
- (25) GOR -- (characters 440-444) the expected ratio of associated-dissolved gas to oil (in cubic feet of gas per barrel of oil)
- (26) NGL/na_gas -- (characters 446-455) the expected ratio of natural gas liquids to non-associated gas (in barrels of liquid per million cubic feet of gas)
- (27) NGL/ad_gas -- (characters 457-466) the expected ratio of natural gas liquids to associated-dissolved gas (in barrels of liquid per million cubic feet of gas)
- (28) API_min -- (characters 468-474) the minimum expected API gravity of the oil (in degrees)
- (29) API_max -- (characters 476-482) the maximum expected API gravity of the oil (in degrees)
- (30) API_mea -- (characters 484-490) the mean expected API gravity of the oil (in degrees)
- (31) sulfur_in_oil -- (characters 492-504) the expected percent sulfur in the oil
- (32) H2S_in_gas -- (characters 506-515) the expected amount of hydrogen sulfide in the gas
- (33) H2S_units -- (characters 517-525) the units for H2S_in_gas (percent or ppm)
- (34) type_I_org -- (characters 527-536) whether the source rock is expected to contain type I organic matter (yes or no)
- (35) type_II_org -- (characters 538-548) whether the source rock is expected to contain type II organic matter (yes or no)
- (36) type_III_org -- (characters 550-561) whether the source rock is expected to contain type III organic matter (yes or no)
- (37) TOC -- (characters 563-567) the expected total organic carbon (in percent)
- (38) Ro_min -- (characters 569-574) the minimum expected thermal maturity of the source rock
- (39) Ro_max -- (characters 576-581) the maximum expected thermal maturity of the source rock
- (40) Ro_mean -- (characters 583-589) the mean expected thermal maturity of the source rock
- (41) T_max -- (characters 591-596) the maximum expected burial temperature (in degrees Celsius)
- (42) in_oil_window -- (characters 598-610) the expected percent of source rock in the maturity range of 0.6-1.2
- (43) in_gas_window -- (characters 612-624) the expected percent of source rock in the maturity range of 1.2-2.0
- (44) overcooked -- (characters 626-635) the expected percent of source rock in the maturity range of greater than 2.0
- (45) max_burial_depth -- (characters 637-652) the maximum expected burial depth of the source rock (in feet)
- (46) paleo_grad -- (characters 654-663) the inferred paleotemperature gradient (in degrees Fahrenheit per hundred feet)
- (47) oil_median_size -- (characters 665-679) the expected median size of the undiscovered oil accumulations (in millions of barrels)
- (48) gas_median_size -- (characters 681-695) the expected median size of the undiscovered non-associated gas accumulations (in billions of cubic feet)
- (49) oil_largest_at_5% -- (characters 697-713) the estimate such that there is a five percent chance that the largest oil accumulation is greater than this value (in millions of barrels)
- (50) gas_largest_at_5% -- (characters 715-731) the estimate such that there is a five percent chance that the largest gas accumulation is greater than this value (in billions of cubic feet)
- (51) oil_shape_factor -- (characters 733-748) the shape factor (1 to 7) for the truncated shifted Pareto distribution of undiscovered oil accumulations (See Houghton and others, 1993.)

(52) gas_shape_factor -- (characters 750-765) the shape factor (1 to 7) for the truncated shifted Pareto distribution of undiscovered non-associated gas accumulations (See Houghton and others, 1993.)

(53) oil_min_num -- (characters 767-777) the minimum expected number of undiscovered oil accumulations

(54) gas_min_num -- (characters 779-789) the minimum expected number of undiscovered gas accumulations

(55) oil_med_num -- (characters 791-801) the median expected number of undiscovered oil accumulations

(56) gas_med_num -- (characters 803-813) the median expected number of undiscovered gas accumulations

(57) oil_max_num -- (characters 815-825) the maximum expected number of undiscovered oil accumulations

(58) gas_max_num -- (characters 827-837) the maximum expected number of undiscovered gas accumulations