

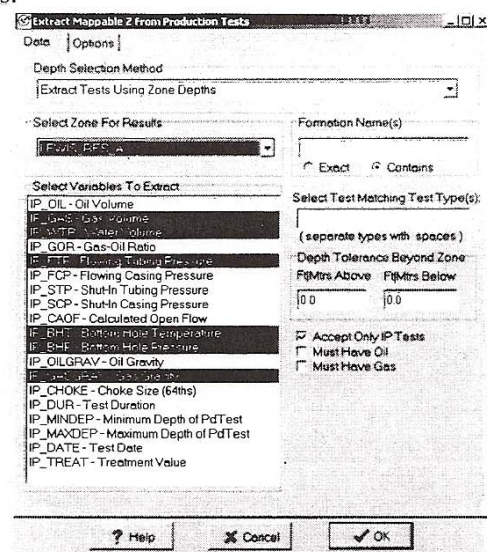
Extracting IP data

Petra

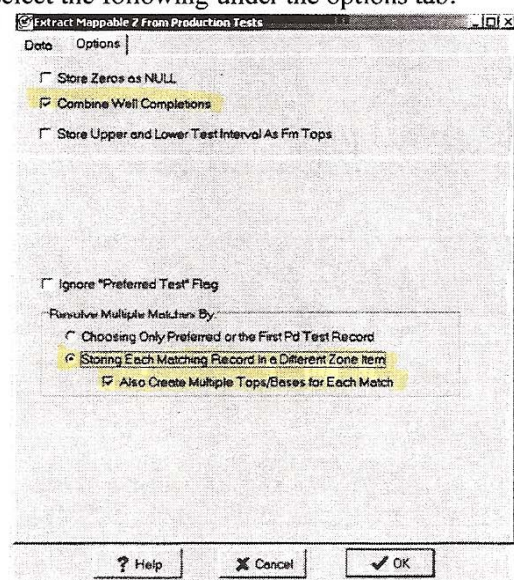
EXERCISE 6: EXTRACT IP GAS FOR LEWIS RES A

One can often anticipate areas of higher quality sand within a channel by extracting the values for the initial production tests. We will extract the tests which fall within the Lewis Res A zone.

Select from the menu Compute>from Tests>Extract PD Test Z Data. Select the following options:



Next select the following under the options tab:

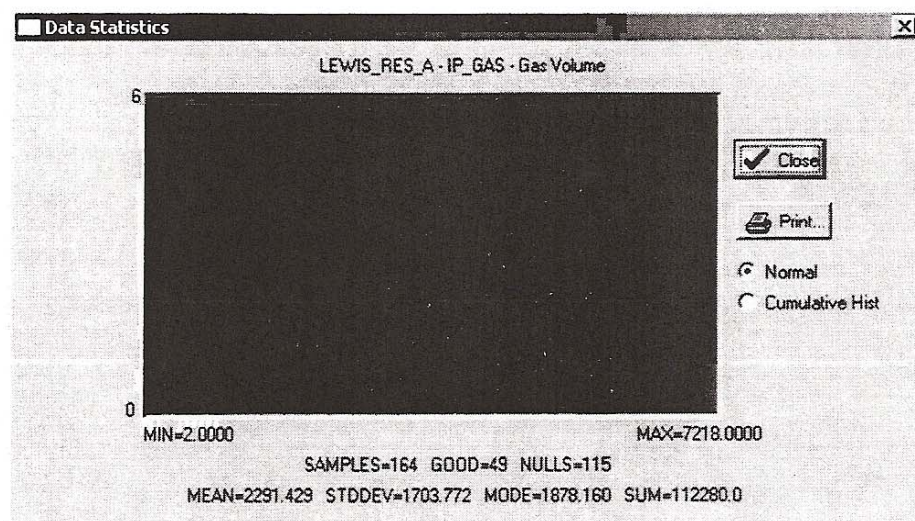


J Wellborn, HEDI
1/6/2008

Well number 58 (WSN 58) has data associated with the IP tests within the Lewis Res A interval. We can see the statistics of this interval by selecting the View/Edit All button on the bottom of the zones tab.

The screenshot shows the 'HAY RESERVOIR - WYOMING' application window. The 'Zones' tab is active, displaying a list of zones for Well 58 (WSN 58). The 'View/Edit All' button at the bottom of the zones list is circled. The main data table shows the following information:

WSN	Unique Well ID	Well Label	Item Name	Unit	Value	Qual	Test Item or Remark	ChgDate	Description
95	49037058240000	4903720324	ISOPACH THICKNESS	CLASS	53.3		IPF 604LWIS 10167-10236	01/05/2008	Isopach Thickness
18	49037207870000	4903720787	IP GAS		2.319		IPF 604LWIS 10167-10236	01/05/2008	Gas Volume
19	49037208500000	4903720850	IP WTR		0		IPF 604LWIS 10167-10236	01/05/2008	Water Volume
58	49037208510000	4903720851	IP FTP		160		IPF 604LWIS 10167-10236	01/05/2008	Flowing Tubing Pressure
125	49037208520000	4903720852	IP BHT				IPF 604LWIS 10167-10236	01/05/2008	Bottom Hole Temperature
20	49037208530000	4903720853	IP BHP				IPF 604LWIS 10167-10236	01/05/2008	Bottom Hole Pressure
57	49037208600000	4903720860	IP GASGRAV				IPF 604LWIS 10167-10236	01/05/2008	Gas Gravity



The values extracted range from 2 mcf to 7218mcf for the entire data set. We will be mapping this data later in the class.