

FLOW 2016.10 - NOSIM RUNS		
SECTION	FLOW MESSAGE	COMMENT
RUNSPEC	<p>Failed to create valid EclipseState object. See logfile: Exception caught: PARSE_UNKNOWN_KEYWORD: Keyword LGR not recognized.</p> <pre>-- -- MAX MAX MAX MAX MAX LSTACK PRESS MAX -- LGR CELLS MCOARS MAMALG MXLALG OPT NCHCOR LGR 1* 1* 1* 1 1 1 1* 1* /</pre>	<p>Even if NOSIM is first keyword in the input deck, this error occurs and stops the run. Also no log file, despite flow saying to check it.</p> <p>Secondly this log file should be called CASENAME.log and should perhaps go in the same directory as the CASNAME.data file.</p>
RUNSPEC	<p>Exception caught: PARSE_EXTRA_DATA: The RawRecord for keyword "TRACERS" in file"/media/sf_Linux/PAS-P50-A40B.DATA" contained 1 too many items according to the spec. RawRecord was: 0 0 1 0 'NODIFF' 1* 1* 1*</p> <pre>-- NO OIL NO WAT NO GAS NO ENV DIFF MAX MIN TRACER -- TRACERS TRACERS TRACERS TRACERS CONTL NONLIN NONLIN NONLIN TRACERS 0 0 1 0 'NODIFF' 1* 1* 1* /</pre>	<p>Did not like the three 1* after 'NODIFF'</p> <p>Still aborts, when it should continue with NOSIM active.</p>
RUNSPEC	<p>Failed to create valid EclipseState object. See logfile: Exception caught: PARSE_UNKNOWN_KEYWORD: Keyword DEBUG not recognized</p> <pre>DEBUG 8*0 1 11*0 1 30*0 /</pre>	<p>Still aborts, when it should continue with NOSIM active.</p>
GRID	<p>Failed to create valid EclipseState object. See logfile: Exception caught: PARSE_UNKNOWN_KEYWORD: Keyword COORDSYS not recognized.</p> <pre>COORDSYS 1 1141 / -- Generated : Petrel</pre>	<p>Still aborts, when it should continue with NOSIM active.</p>
SUMMARY	<p>Failed to create valid EclipseState object. See logfile: Exception caught: PARSE_UNKNOWN_KEYWORD: Keyword FMWSET not recognized.</p>	<p>Still aborts, when it should continue with NOSIM active.</p>

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SUMMARY	Failed to create valid EclipseState object. See logfile: Exception caught: PARSE_UNKNOWN_KEYWORD: Keyword GMWSET not recognized.	Still aborts, when it should continue with NOSIM active.
SUMMARY	Failed to create valid EclipseState object. See logfile: Exception caught: PARSE_UNKNOWN_KEYWORD: Keyword ANQP not recognized. <pre>-- NUMERICAL AQUIFER ANQP / ANQR / ANQT / -- ANALYTIC AQUIFER AAQP / AAQR / AAQT /</pre>	Still aborts, when it should continue with NOSIM active All aquifer summary keywords ECLIPSE has two types of aquifers numerical (which are in effect just existing inactive grid blocks which are then set set to have large PV and a permeability), and the classic analytical aquifers. Flow needs to have aquifers modeled as most reservoirs have some form of aquifer support. I know it may be possible to add aquifer behavior by adding injection wells, but causes other issues. Need to add aquifer support
SCHEDULE	Failed to create valid EclipseState object. See logfile: Exception caught: PARSE_UNKNOWN_KEYWORD: Keyword GCONSUMP not recognized. <pre>-- GROUP GAS CONSUMPTION (FUEL) AND IMPORT -- -- GRUP GAS GAS -- NAME FUEL IMPORT GCONSUMP 'FIELD' -0.040 /</pre>	Still aborts, when it should continue with NOSIM active.

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SCHEDULE	<p>Failed to create valid EclipseState object. See logfile: Exception caught: PARSE_UNKNOWN_KEYWORD: Keyword GRUPRIG not recognized.</p> <pre> -- GROUP RIGS DECLARATION -- -- GRUP WORK DRILL RIG -- NAME RIG RIG OPTN GRUPRIG 'FIELD' 1 1 ADD / </pre>	<p>Still aborts, when it should continue with NOSIM active.</p>
SCHEDULE	<p>Failed to create valid EclipseState object. See logfile: Exception caught: PARSE_UNKNOWN_KEYWORD: Keyword PRORDER not recognized.</p> <pre> -- GROUP PRODUCTION RULES -- -- PROD NO 1 NO 2 NO 3 NO 4 NO 5 -- ORDER OPTN OPTN OPTN OPTN OPTN PRORDER DRILL NO / </pre>	<p>Still aborts, when it should continue with NOSIM active.</p>
SCHEDULE	<p>Failed to create valid EclipseState object. See logfile: Exception caught: PARSE_UNKNOWN_KEYWORD: Keyword CECON not recognized.</p> <pre> -- GROUP ECONOMIC CONTROLS -- -- GRUP OIL GAS WCT GOR WGR WORK END MAX -- NAME MIN MIN MAX MAX MAX OVER RUN WELLS GECON 'FIELD' 1* 10E3 1* 1* 1* 'CON' 'YES' 1* / </pre>	<p>Still aborts, when it should continue with NOSIM active.</p> <p>This is an issue as there could be lots of these keywords in a deck.</p>
SCHEDULE	<p>Failed to create valid EclipseState object. See logfile: Exception caught: PARSE_UNKNOWN_KEYWORD: Keyword WDFACCOR not recognized.</p> <pre> -- WELL D FACTOR CORRELATION FOR GAS WELLS (DAKES CORRELATION PAGE 258-260) -- -- WELL COEFF POWER POWER -- NAME A B C WDFACCOR '***' 1.200E-3 -1.045 0.0 / </pre>	<p>Still aborts, when it should continue with NOSIM active.</p> <p>This is a standard keyword for gas wells for when the non-Darcy flow coefficient is unknown.</p>

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SCHEDULE	<p>Failed to create valid EclipseState object. See logfile: Exception caught: PARSE_UNKNOWN_KEYWORD: Keyword WEFAC not recognized.</p> <pre>-- WELL EFFICIENCY FACTORS -- -- WELL EFF NETWK -- NAME FACT OPTN WEFAC !* 0.950 /</pre>	Still aborts, when it should continue with NOSIM active.
SCHEDULE	<p>Failed to create valid EclipseState object. See logfile: Exception caught: PARSE_UNKNOWN_KEYWORD: Keyword WORKLIM not recognized.</p> <pre>-- WELL WORKOVER TIME -- -- TIME -- STEP WORKLIM 10.0 /</pre>	Still aborts, when it should continue with NOSIM active.
SCHEDULE	<p>Failed to create valid EclipseState object. See logfile: Exception caught: PARSE_UNKNOWN_KEYWORD: Keyword TUNINGDP not recognized.</p> <pre>-- -- TUNING PARAMETERS FOR HIGH THROUGHPUT CASES -- TUNINGDP /</pre>	<p>Tuning parameters for high throughput cases.</p> <p>This should be easy to implement as it just sets parameters on the TUNNING keyword.</p>

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SECTION	FLOW MESSAGE	COMMENT
SCHEDULE	<p>ERROR the keyword COMPLUMP is not supported used when C1 or C2 in WELOPEN have values</p> <pre>WELOPEN 'PAS-GP01' OPEN 0 0 0 1 1 / 'PAS-GP01' OPEN 0 0 0 2 2 / /</pre> <p>Has been addressed but not tested</p>	<p>Do not understand this error message, so I cannot continue with testing. The code causing the problem is:</p> <pre>WELOPEN 'PAS-GP01' OPEN / 'PAS-GP01' OPEN 0 0 0 1 1 / 'PAS-GP01' OPEN 0 0 0 2 2 / /</pre> <p>This standard ECLIPSE 100 input for opening and closing completions instead of the connections.</p>
General		
1.	<p>Running in VirtualBox 5.0.28 using a CenOS6.7 x64 virtual guest machine, with all files on the host Windows 7 64 bit machine.</p> <p>No log file with messages produced in any run.</p>	
2.	<p>Need to continue with run even if errors are found, that is if Flow finds an error then it should switch to NOSIM mode.</p>	
3.	<p>Need a log file that at least echo outs the input files, so that one can trace what is going on.</p>	
4.	<p>Need a print file even if it just the same as the log file plus the console output for the time being</p>	

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5.	<p>Need to send some messages to the console so that that the user know what is going on. May something simple such as:</p> <pre> START READING RUNSPEC SECTION END READING RUNSPEC SECTION START READING GRID SECTION END READING DATA START INITIALIZATION STOIP = 200.000 MMSTB GIIP = 100.123 BSCF WIIP = 500.454 MMSTB END INTIALIZATION START READING SCHEDULE SECTION START SIMULATION </pre>	