

Incredibly User Friendly

XROD-V for Windows has an improved user interface that is very easy to use. It contains help for each input parameter and for all program features. It displays recommendations and warnings to help you avoid mistakes or to improve your system design score. With XROD-V you can enter everything yourself (using the non-AI mode), or have the program automatically design your pumping systems in seconds.

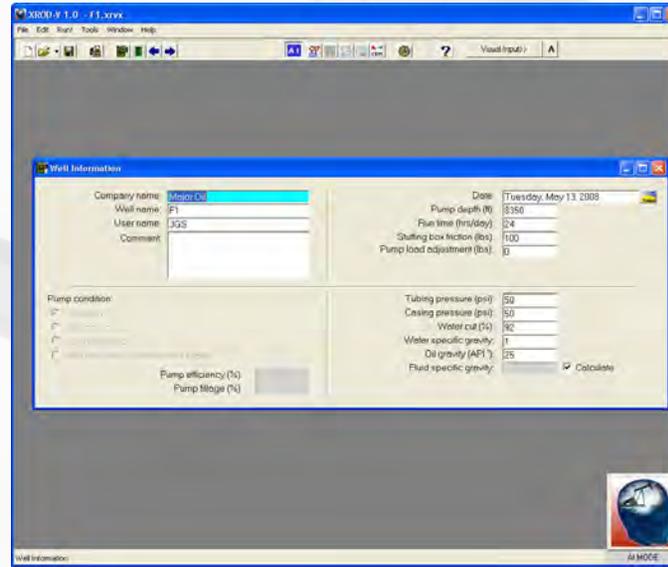
User Customizable Defaults

XROD-V allows you to select English, SI (Metric), or Canadian (mix of English and Metric), units. You can save time by specifying values that usually do not change such as: your company name, electricity cost, standard sucker rod length, tubing size, pump type, rod and pumping unit costs, etc.

XROD also allows you to specify the parameters it uses when running in AI mode such as the type of high strength rods to use, the pumping unit manufacturers to consider, the type of fiberglass and sinker bars to use, etc.

Outstanding Technical Support

Theta Oilfield Services is dedicated to your satisfaction. Our technical support, which is free for the



first year, includes an e-mailed newsletter, upgrades, “bug” fixes and immediate response to problems or questions. Program upgrades can be downloaded directly from our web site. When you have a problem, solving it becomes our highest priority. XROD-V now even allows you to email us a case you have questions about directly from the program itself, by clicking on the email option from the toolbar.

System Requirements

Processor:

- 1.6 GHz or higher

Operating System:

- Windows XP/Vista/7

Memory:

- 1 GB of RAM or higher

Hard Disk:

- 125 MB available disk space

Display:

- 1024 x 768 or higher

30 Day Trial

Please contact Theta Oilfield Services for a 30 day trial of XROD-V. (USA and Canada only). Two free videos on XROD-V can be downloaded from our web site at: http://www.gotheta.com/theta_enterprises_podcasts.asp (or click on “Online News and Podcasts”)

XROD-V™ for Windows™



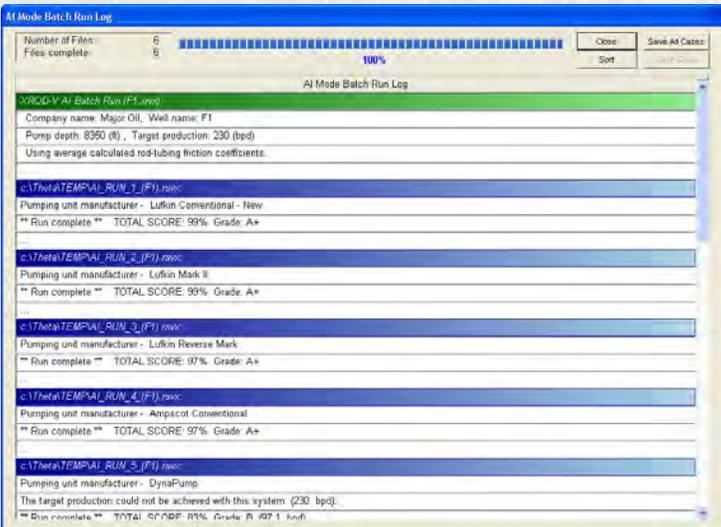
Artificial Intelligence Design Software for Vertical Rod Pumping Systems



Futuristic Artificial Intelligence Rod Pumping System Design Software

XROD-V is the fastest way to get superb rod pumping system designs (typically A+ or A design scores) with minimum effort. This new program uses sophisticated Artificial Intelligence (AI) techniques to provide you with the most accurate and best designs for non-deviated rod pumping systems (RODSTAR-D is now available for deviated wells). XROD-V makes it very easy and incredibly fast to design a new rod pumping system, or to simulate an existing one.

With XROD-V you simply enter the pump depth and a “target” production (or IPR data) and have the program automatically calculate the complete system design (spm, plunger type and size, tubing size, pumping unit size and stroke length, rod string including sinker bars, and motor size). This is done for all the pumping unit types you want to consider. Or, you can select to only use units in your inventory.



IPR integration allows you to have XROD-V calculate the target production from pump intake pressure or fluid level, or to calculate the pump intake pressure from a target production or entered spm. XROD-V can produce great system designs for up to eight pumping

File Name	Total Score (BPPD)	Surf. Prod. Eff.	% System Existing	Elec. cost	Elec. cost Min.Torc	Elec. cost Min.Ener	Pump.Unit	Pump.Unit API Des.	Surface Stroke	Plunger Size	% Max. Rod Loading	% Gearb. Loading	% Gearb. Torc	% Gearb. Min.Ener	% Rec. N Rec. Motor	% Rec. N Rec. Motor Min.Torc
AI_RUN_1(F1).RSVX	99%	233	44%	N/A	1.85	1.85	Lufkin Conventional - New	C-640-365-120	122.9	8.4	1.75	86%	N/A	77%	77%	75%
AI_RUN_2(F1).RSVX	99%	234	44%	N/A	1.882	1.882	Lufkin Mark II	H-640-365-120	120	8.9	1.75	85%	N/A	76%	76%	74%
AI_RUN_3(F1).RSVX	97%	228	39%	N/A	2.09	2.061	Lufkin Reverse Mark	C-640-305-120	120.3	9.9	1.5	81%	N/A	71%	73%	63%
AI_RUN_4(F1).RSVX	97%	232	40%	N/A	2.067	1.994	Ampscot Conventional	C-640-365-120	119.9	8.3	1.75	88%	N/A	85%	116%	76%
AI_RUN_5(F1).RSVX	83%	97	52%	N/A	1.584	1.584	DynaPump	D-300-70-120	120	4.6	1.75	93%	N/A	32%	32%	323%
AI_RUN_6(F1).RSVX	100%	231	37%	N/A	1.428	1.428	Rotaflex	R-228-300-288	288	3	1.75	77%	N/A	56%	56%	88%

unit types in seconds and automatically summarizes the results in an easy to use and customizable Excel spreadsheet. XROD-V automatically runs in “batch” mode with a run for each pumping unit type you want to consider. Also, XROD-V “learns” from its own runs and gets faster over time. XROD-V never “forgets” these improved designs. XROD scores its own designs and the designs you enter yourself (A, B, C, D, F). You can easily modify the designs XROD recommends and can save the recommended designs as individual RODSTAR-V files. If you enter your own design and get a low score, the program makes recommendations for improving your design.

Concise Output Report

XROD-V has an improved output report that looks the same on the screen as on the printer. All calculated results are on one summary page. A separate page lists recommendations for improving a user entered design.

AI and Non-AI Modes

XROD-V has a button you can click on to switch into or out of AI mode. In AI mode, the

program recommends complete system designs for up to eight pumping unit manufacturers. In the non-AI mode you can use it just like RODSTAR-V. It comes with a huge pumping unit data base (with about 4000 units) that includes data for most new and old pumping units. Also, you can enter your own pumping unit dimensions and you can customize the list of units to only show units you have.

All the features of RODSTAR-V and a lot more

XROD has all the capabilities of RODSTAR-V plus new features such as automatic sinker bar design (automatically selects the diameter and length needed). After you analyze a system with RODDIAG or XDIAG, you can load the RODDIAG or XDIAG file into XROD-V. Then, you can overlay the measured dynamometer card on the predicted dynamometer card plot. When you license XROD, you also get RODSTAR-D.

